

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130583.D
 Acq On : 07 Oct 2022 19:43
 Operator : CG\JU
 Sample : N5018-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-3-(5-10)MSD

Quant Time: Oct 10 01:45:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 10/10/2022
 Supervised By : Jagrut Upadhyay 10/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	77740	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	297488	20.000	ng	# 0.00
39) Acenaphthene-d10	9.645	164	139209	20.000	ng	0.00
64) Phenanthrene-d10	11.121	188	195605	20.000	ng	-0.01
76) Chrysene-d12	13.757	240	158406	20.000	ng	0.00
86) Perylene-d12	15.139	264	184338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	545734	121.759	ng	0.00
7) Phenol-d6	6.263	99	658870	117.485	ng	0.00
23) Nitrobenzene-d5	7.186	82	415262	71.314	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	149909	112.385	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	761905	79.699	ng	0.00
79) Terphenyl-d14	12.710	244	603719	63.132	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.240	88	122481	59.502	ng	99
3) Pyridine	2.904	79	255418	47.567	ng	95
4) n-Nitrosodimethylamine	2.869	42	137036	46.922	ng	83
6) Aniline	6.281	93	274693	39.753	ng	# 48
8) 2-Chlorophenol	6.398	128	250945	49.150	ng	96
9) Benzaldehyde	6.163	77	126842	33.765	ng	91
10) Phenol	6.275	94	299368	45.551	ng	# 74
11) bis(2-Chloroethyl)ether	6.357	93	227259	47.941	ng	95
12) 1,3-Dichlorobenzene	6.551	146	270152	48.087	ng	99
13) 1,4-Dichlorobenzene	6.634	146	275925	48.163	ng	97
14) 1,2-Dichlorobenzene	6.781	146	257543	48.123	ng	99
15) Benzyl Alcohol	6.769	79	184808	41.563	ng	92
16) 2,2'-oxybis(1-Chloropr...	6.898	45	297575	43.040	ng	86
17) 2-Methylphenol	6.886	107	204795	49.343	ng	98
18) Hexachloroethane	7.122	117	104809	46.412	ng	96
19) n-Nitroso-di-n-propyla...	7.039	70	166419	43.977	ng	92
20) 3+4-Methylphenols	7.039	107	247067	45.824	ng	# 66
22) Acetophenone	7.034	105	350910	48.247	ng	# 90
24) Nitrobenzene	7.204	77	257595	43.567	ng	96
25) Isophorone	7.445	82	449398	47.883	ng	97
26) 2-Nitrophenol	7.522	139	130387	53.795	ng	# 84
27) 2,4-Dimethylphenol	7.563	122	203498	54.528	ng	97
28) bis(2-Chloroethoxy)met...	7.657	93	277058	52.426	ng	99
29) 2,4-Dichlorophenol	7.763	162	194895	47.655	ng	97
30) 1,2,4-Trichlorobenzene	7.839	180	212881	48.146	ng	96
31) Naphthalene	7.922	128	701417	45.766	ng	99
32) Benzoic acid	7.692	122	62956	21.814	ng	96
33) 4-Chloroaniline	7.975	127	162444	27.868	ng	96
34) Hexachlorobutadiene	8.033	225	137251	48.571	ng	100
35) Caprolactam	8.351	113	52393m	44.688	ng	
36) 4-Chloro-3-methylphenol	8.469	107	198505	43.791	ng	98
37) 2-Methylnaphthalene	8.610	142	441347	45.165	ng	100
38) 1-Methylnaphthalene	8.710	142	421402	44.891	ng	98
40) 1,2,4,5-Tetrachloroben...	8.775	216	201403	53.013	ng	98
41) Hexachlorocyclopentadiene	8.757	237	162551	79.917	ng	99
43) 2,4,6-Trichlorophenol	8.892	196	123990	46.764	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.933	196	129437	45.239	ng	97
46) 1,1'-Biphenyl	9.075	154	535835	51.539	ng	98
47) 2-Chloronaphthalene	9.098	162	411541	48.933	ng	96
48) 2-Nitroaniline	9.198	65	118355	42.193	ng	95
49) Acenaphthylene	9.510	152	599864	47.571	ng	99
50) Dimethylphthalate	9.380	163	455854	47.406	ng	100
51) 2,6-Dinitrotoluene	9.445	165	97416	48.440	ng	# 78
52) Acenaphthene	9.680	154	400942m	48.393	ng	
53) 3-Nitroaniline	9.610	138	70586	31.499	ng	94
54) 2,4-Dinitrophenol	9.722	184	68528	64.160	ng	94
55) Dibenzofuran	9.851	168	527842	45.804	ng	98
56) 4-Nitrophenol	9.786	139	108247	66.321	ng	91
57) 2,4-Dinitrotoluene	9.845	165	119118	46.346	ng	95
58) Fluorene	10.192	166	415369	44.073	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.975	232	88792	39.649	ng	90
60) Diethylphthalate	10.074	149	426861	44.267	ng	100
61) 4-Chlorophenyl-phenyle...	10.186	204	198799	48.084	ng	99
62) 4-Nitroaniline	10.222	138	87378m	38.815	ng	
63) Azobenzene	10.345	77	398018	40.085	ng	97
65) 4,6-Dinitro-2-methylph...	10.251	198	53695	49.313	ng	99
66) n-Nitrosodiphenylamine	10.310	169	342115	52.339	ng	99
67) 4-Bromophenyl-phenylether	10.674	248	117781	54.583	ng	97
68) Hexachlorobenzene	10.733	284	128036	52.344	ng	95
69) Atrazine	10.839	200	104277	54.589	ng	97
70) Pentachlorophenol	10.939	266	90655	69.056	ng	97
71) Phenanthrene	11.151	178	595769	54.249	ng	100
72) Anthracene	11.198	178	531384	50.140	ng	99
73) Carbazole	11.363	167	450610	47.113	ng	99
74) Di-n-butylphthalate	11.698	149	585130	50.732	ng	# 98
75) Fluoranthene	12.333	202	734261	69.192	ng	99
77) Benzidine	12.463	184	266674	57.993	ng	99
78) Pyrene	12.563	202	682983	49.286	ng	100
80) Butylbenzylphthalate	13.186	149	234477	45.675	ng	98
81) Benzo(a)anthracene	13.745	228	630300	59.812	ng	99
82) 3,3'-Dichlorobenzidine	13.715	252	140315	48.915	ng	97
83) Chrysene	13.786	228	588304	58.796	ng	99
84) Bis(2-ethylhexyl)phtha...	13.745	149	345108	58.690	ng	99
85) Di-n-octyl phthalate	14.357	149	616652	68.564	ng	97
87) Indeno(1,2,3-cd)pyrene	16.451	276	682448	52.206	ng	98
88) Benzo(b)fluoranthene	14.757	252	793855	65.980	ng	99
89) Benzo(k)fluoranthene	14.786	252	545836	46.119	ng	99
90) Benzo(a)pyrene	15.086	252	617632	64.796	ng	99
91) Dibenzo(a,h)anthracene	16.468	278	556309	51.876	ng	98
92) Benzo(g,h,i)perylene	16.845	276	546748	50.613	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

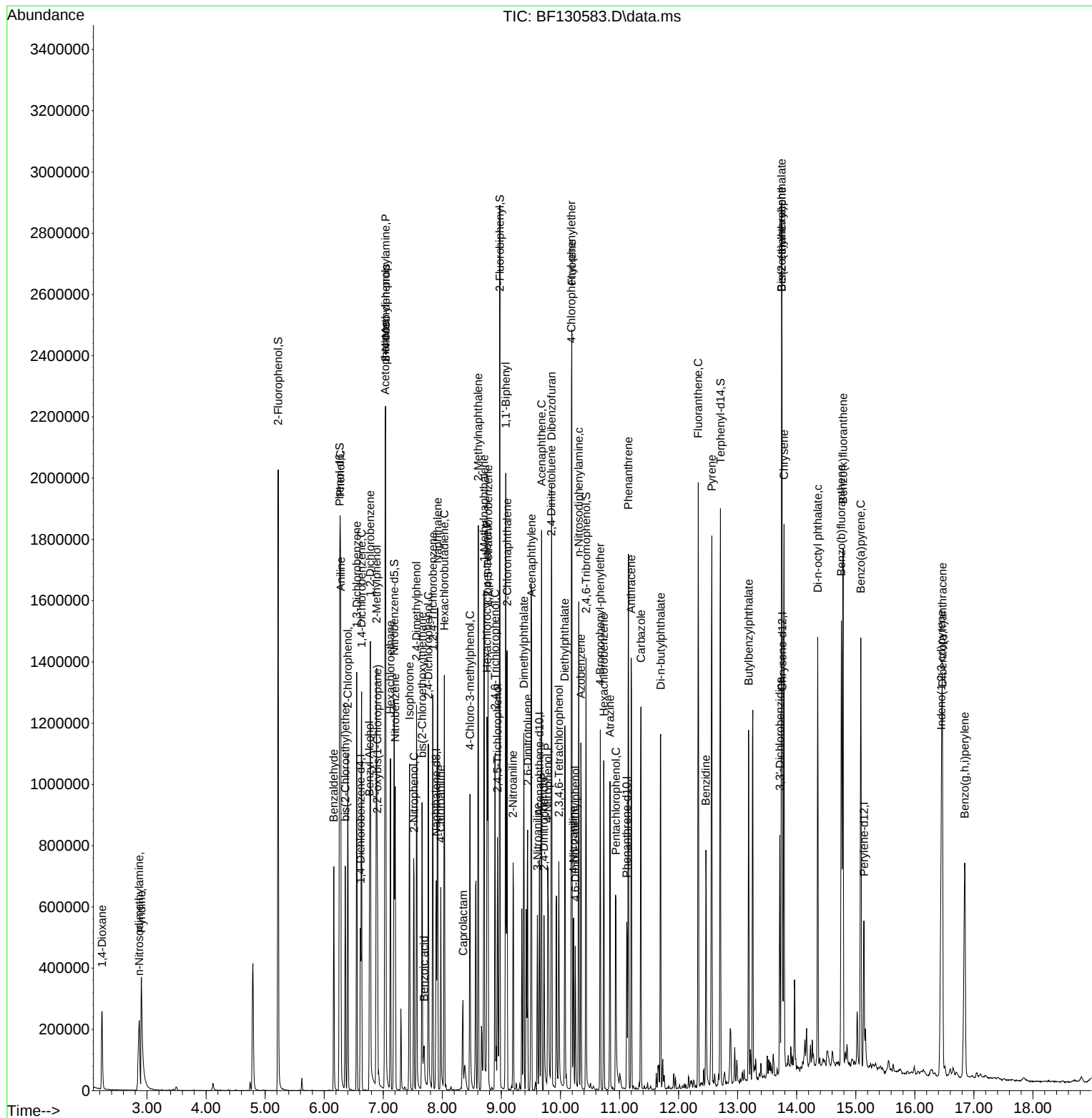
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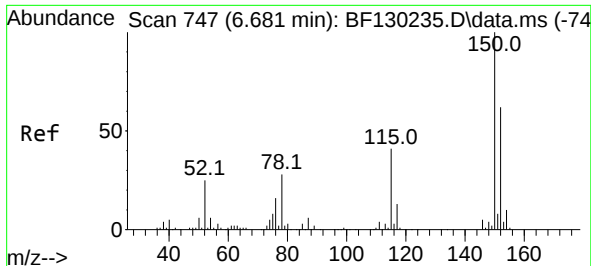
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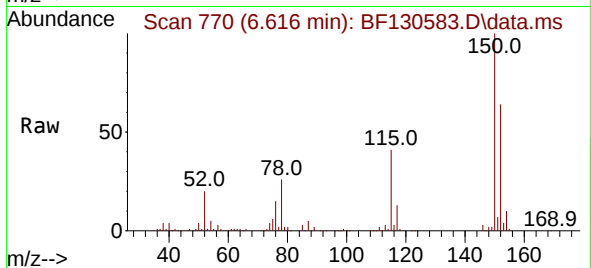
Reviewed By : Christian Giraldo 10/10/2022
Supervised By : Jagrut Upadhyay 10/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

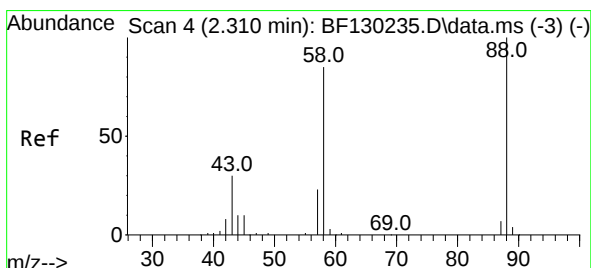
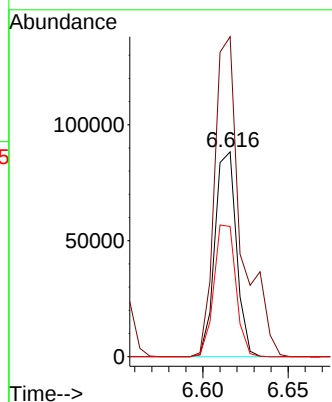
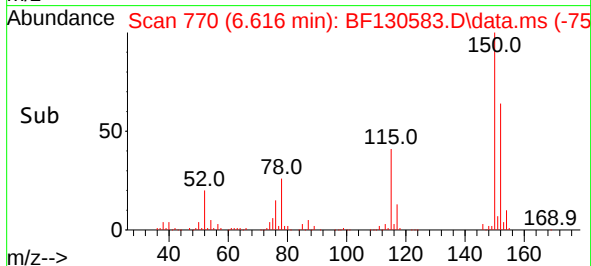
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:152 Resp: 77740
Ion Ratio Lower Upper
152 100
150 156.2 122.8 184.2
115 63.6 53.8 80.8

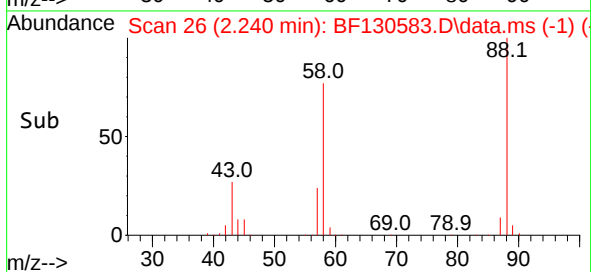
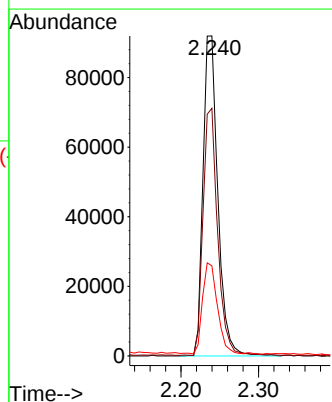
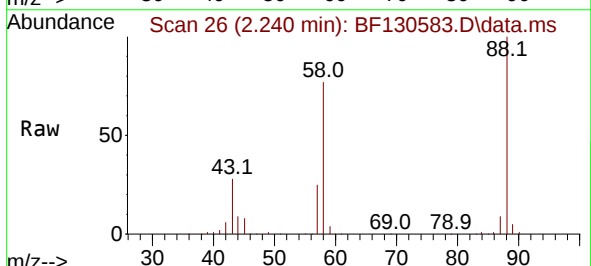
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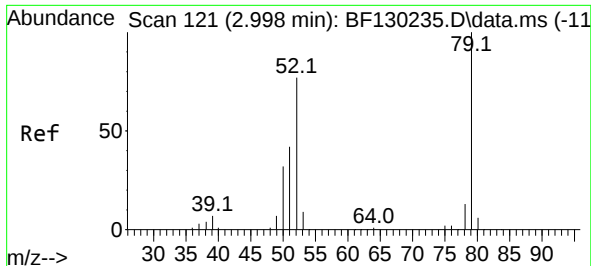
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#2
1,4-Dioxane
Concen: 59.502 ng
RT: 2.240 min Scan# 26
Delta R.T. 0.047 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

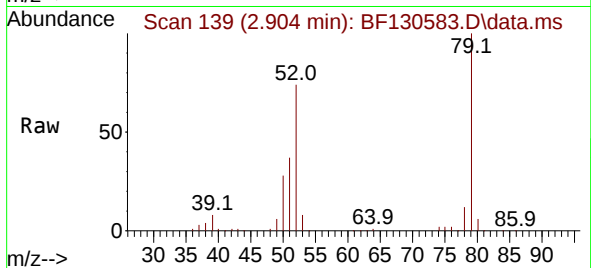
Tgt Ion: 88 Resp: 122481
Ion Ratio Lower Upper
88 100
58 75.8 61.3 91.9
43 28.2 23.0 34.6





#3
Pyridine
Concen: 47.567 ng
RT: 2.904 min Scan# 111
Delta R.T. 0.047 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

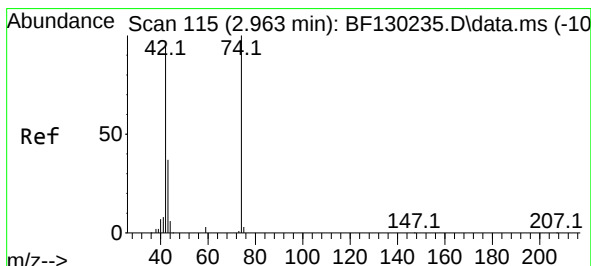
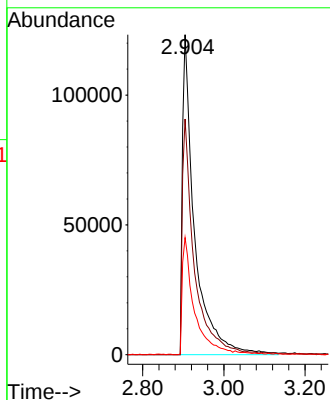
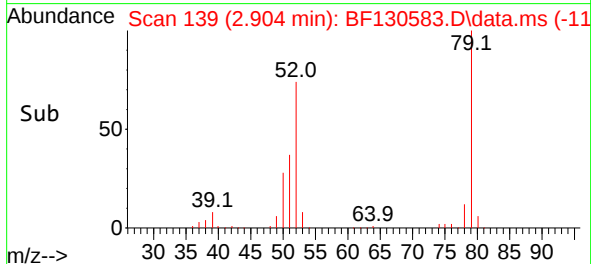
Instrument :
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ClientSampleId :
SASP2-T-3-(5-10)MSD



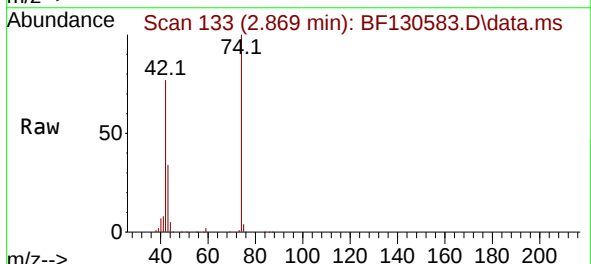
Tgt Ion: 79 Resp: 255418
Ion Ratio Lower Upper
79 100
52 73.6 62.4 93.6
51 36.6 32.2 48.4

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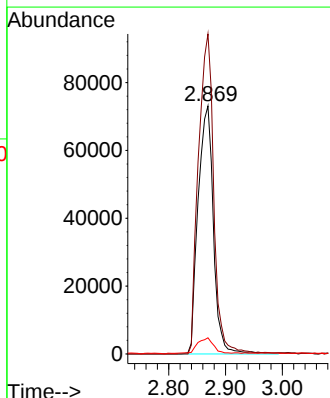
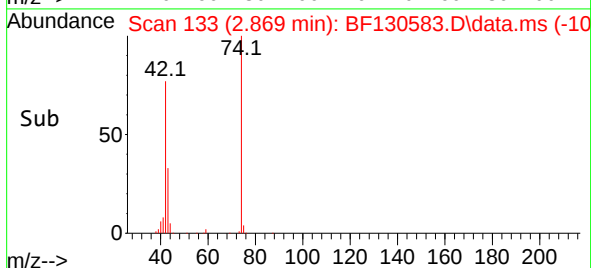
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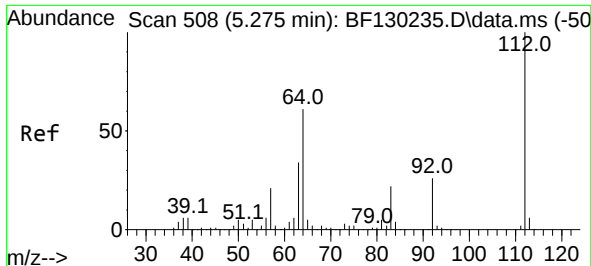


#4
n-Nitrosodimethylamine
Concen: 46.922 ng
RT: 2.869 min Scan# 133
Delta R.T. 0.041 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43



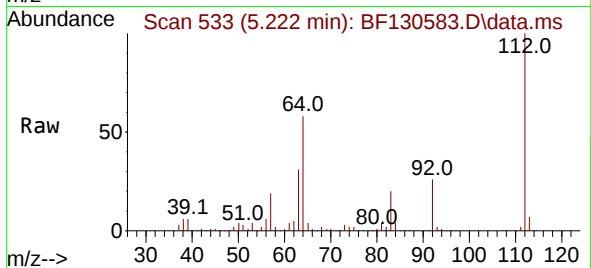
Tgt Ion: 42 Resp: 137036
Ion Ratio Lower Upper
42 100
74 129.0 88.4 132.6
44 6.5 5.0 7.4





#5
2-Fluorophenol
Concen: 121.759 ng
RT: 5.222 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

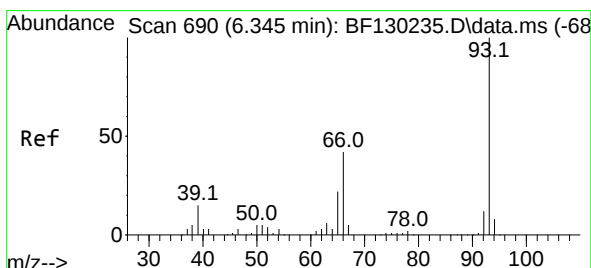
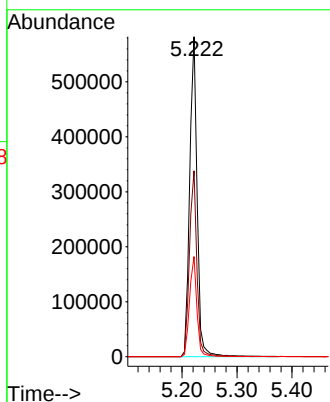
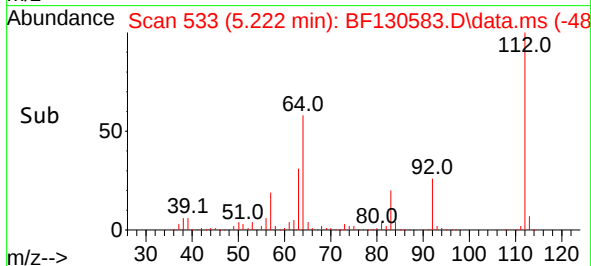
Instrument :
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SASP2-T-3-(5-10)MSD



Tgt Ion:112 Resp: 545734
Ion Ratio Lower Upper
112 100
64 58.1 51.4 77.0
63 31.3 28.8 43.2

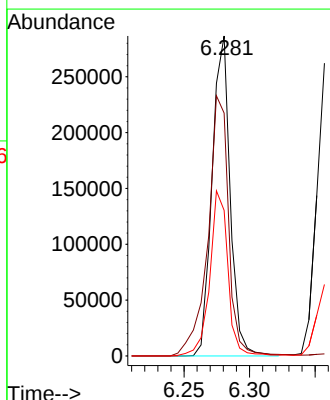
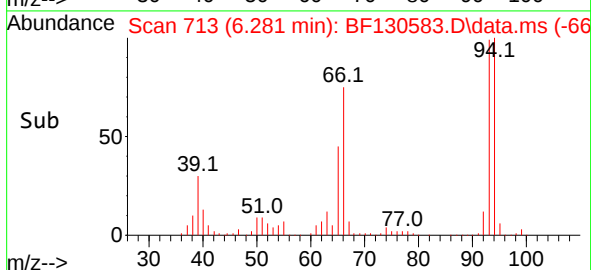
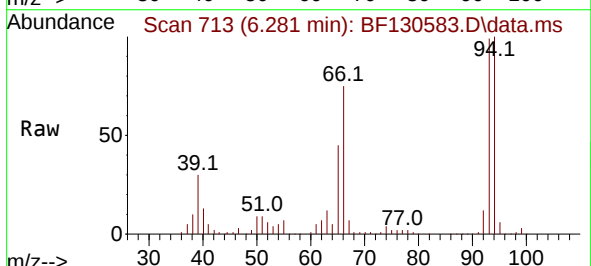
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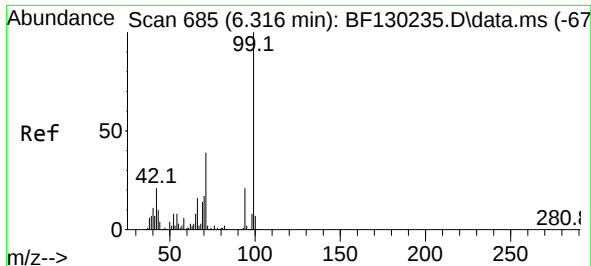
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#6
Aniline
Concen: 39.753 ng
RT: 6.281 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

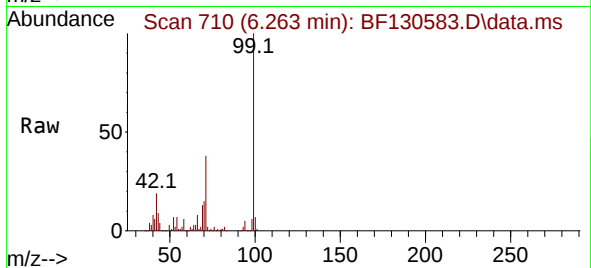
Tgt Ion: 93 Resp: 274693
Ion Ratio Lower Upper
93 100
66 75.9 34.2 51.4#
65 45.5 16.6 24.8#





#7
Phenol-d6
Concen: 117.485 ng
RT: 6.263 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF130583.D
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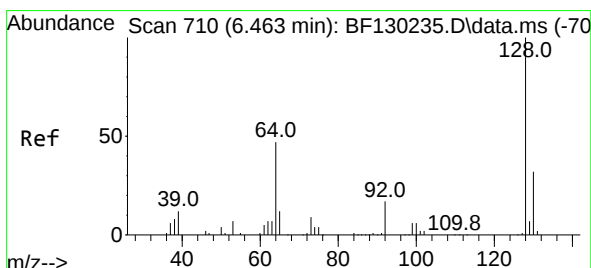
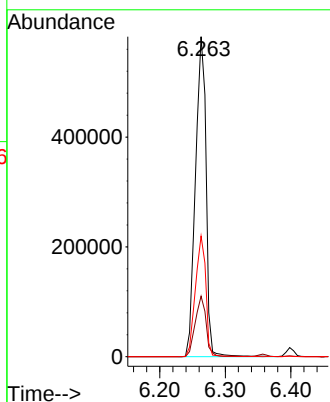
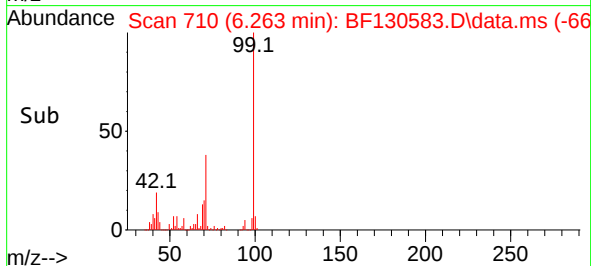
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Tgt Ion: 99 Resp: 658870
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 37.7 32.3 48.5

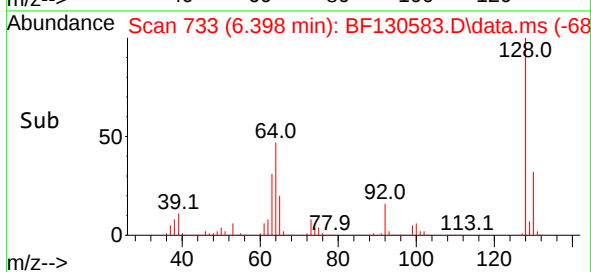
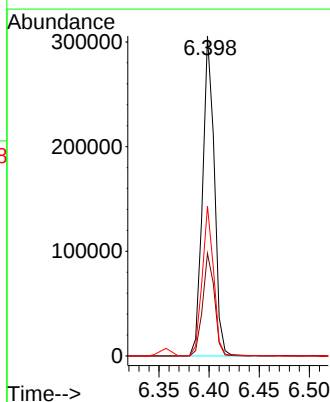
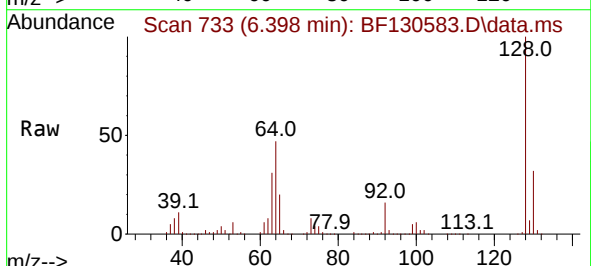
Manual Integrations
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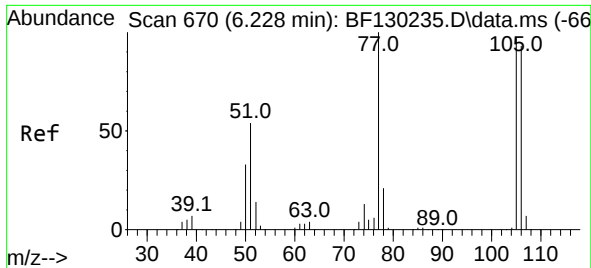
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#8
2-Chlorophenol
Concen: 49.150 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF130583.D
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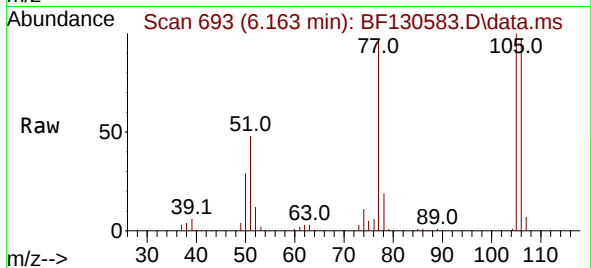
Tgt Ion:128 Resp: 250945
Ion Ratio Lower Upper
128 100
130 32.0 12.4 52.4
64 46.8 31.6 71.6





#9
Benzaldehyde
Concen: 33.765 ng
RT: 6.163 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130583.D
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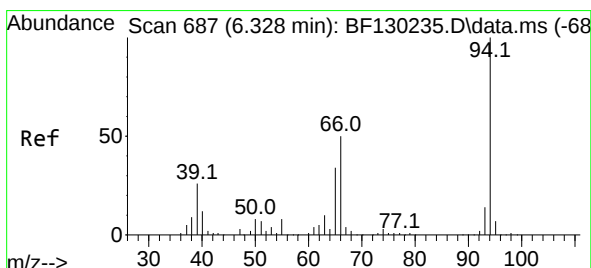
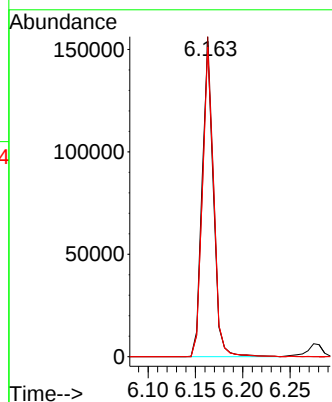
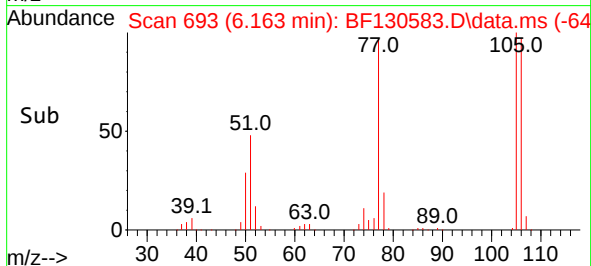
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion: 77 Resp: 12684
Ion Ratio Lower Upper
77 100
105 102.7 75.1 115.1
106 99.4 69.7 109.7

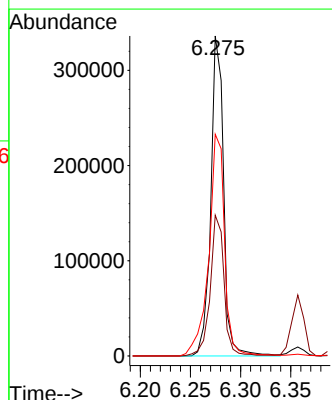
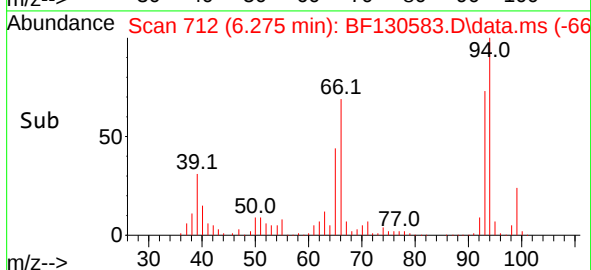
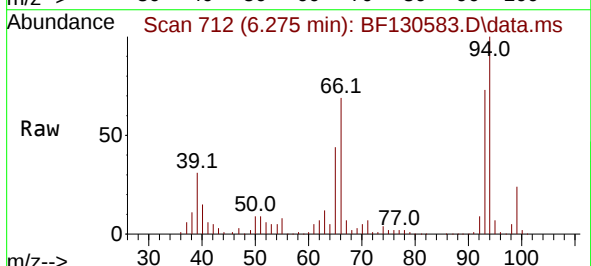
Manual Integrations
APPROVED

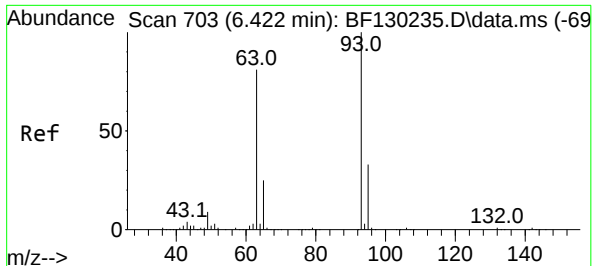
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#10
Phenol
Concen: 45.551 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

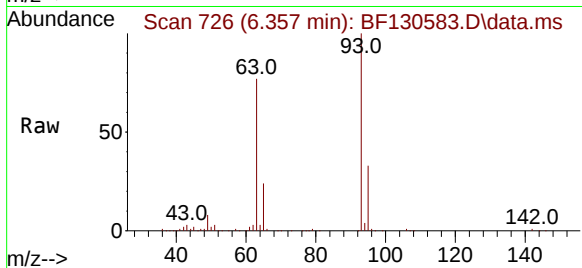
Tgt Ion: 94 Resp: 299368
Ion Ratio Lower Upper
94 100
65 44.0 14.1 54.1
66 69.3 28.1 68.1#





#11
bis(2-Chloroethyl)ether
Concen: 47.941 ng
RT: 6.357 min Scan# 703
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

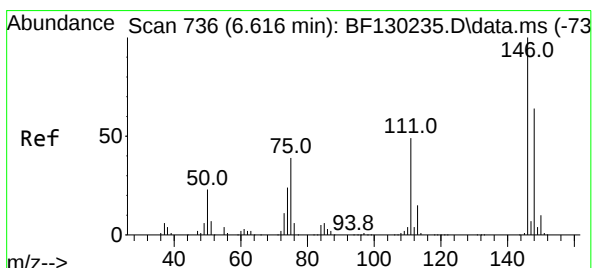
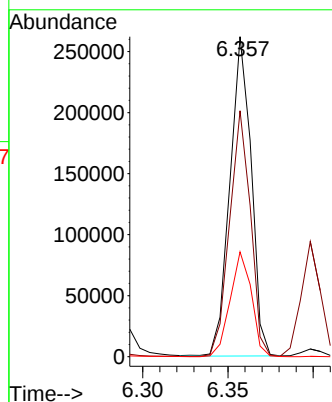
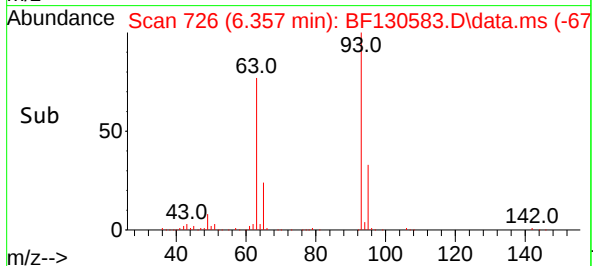
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



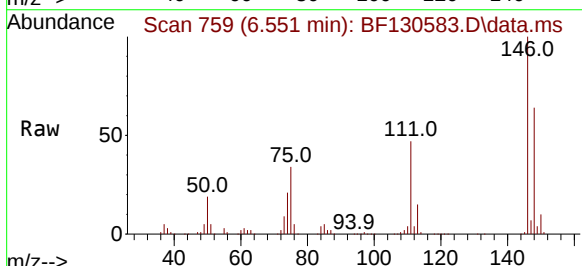
Tgt Ion: 93 Resp: 227259
Ion Ratio Lower Upper
93 100
63 76.9 62.5 102.5
95 32.8 12.5 52.5

Manual Integrations
APPROVED

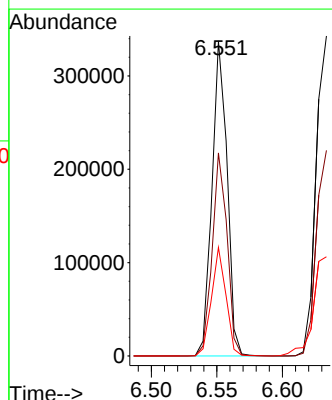
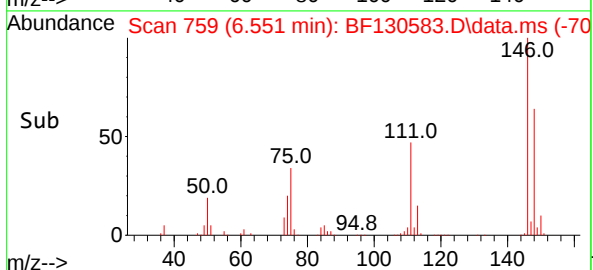
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

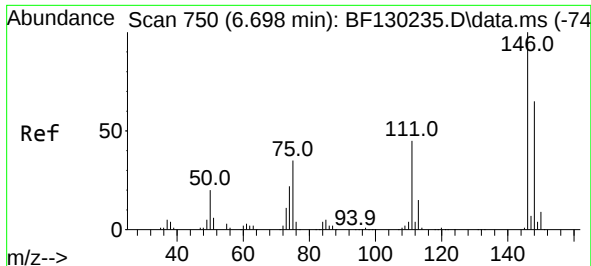


#12
1,3-Dichlorobenzene
Concen: 48.087 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43



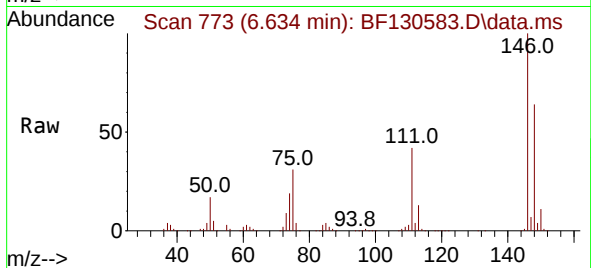
Tgt Ion:146 Resp: 270152
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 34.4 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 48.163 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

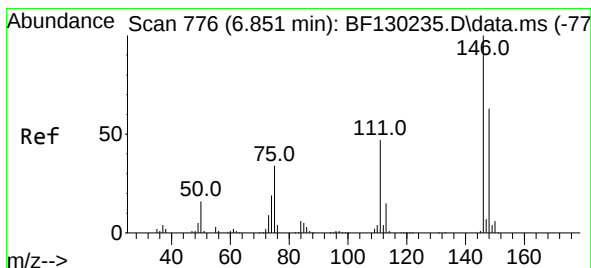
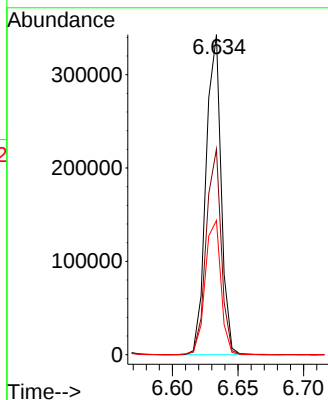
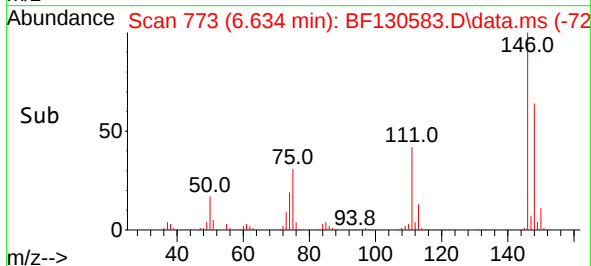
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:146 Resp: 275925
Ion Ratio Lower Upper
146 100
148 64.3 50.3 75.5
111 41.9 36.3 54.5

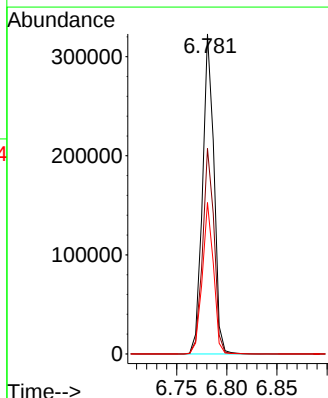
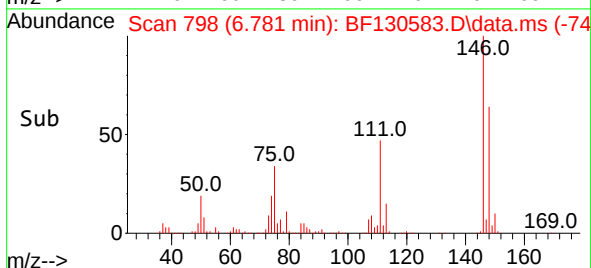
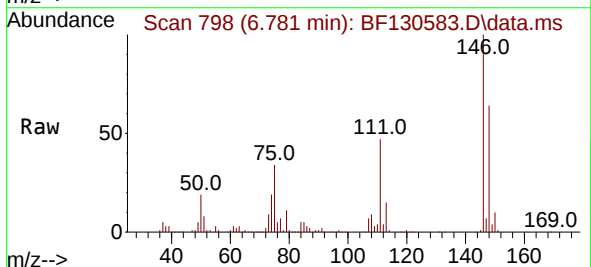
Manual Integrations
APPROVED

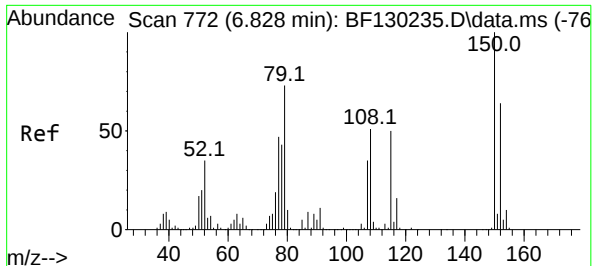
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#14
1,2-Dichlorobenzene
Concen: 48.123 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

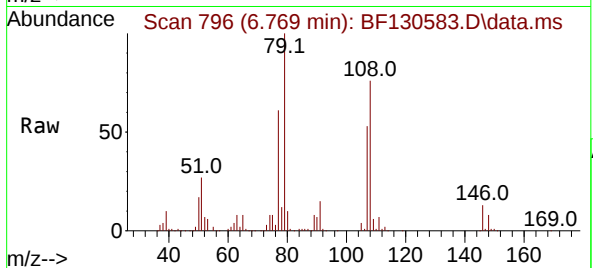
Tgt Ion:146 Resp: 257543
Ion Ratio Lower Upper
146 100
148 64.2 51.6 77.4
111 47.3 39.2 58.8





#15
Benzyl Alcohol
Concen: 41.563 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

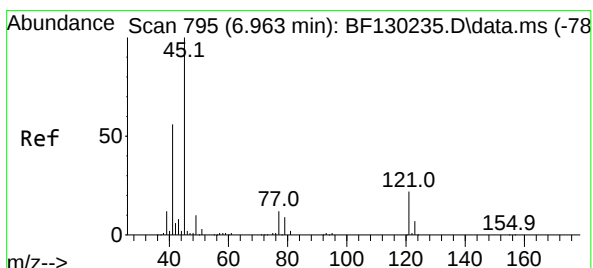
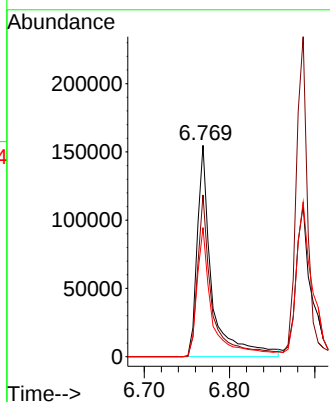
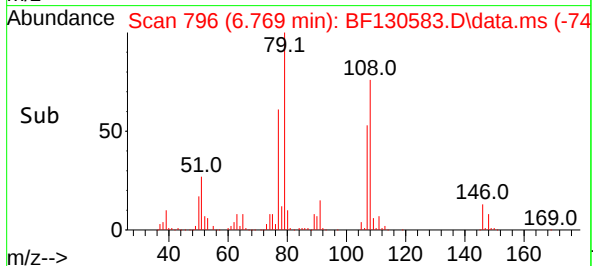
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion: 79 Resp: 184808
Ion Ratio Lower Upper
79 100
108 76.5 54.0 81.0
77 61.0 51.3 76.9

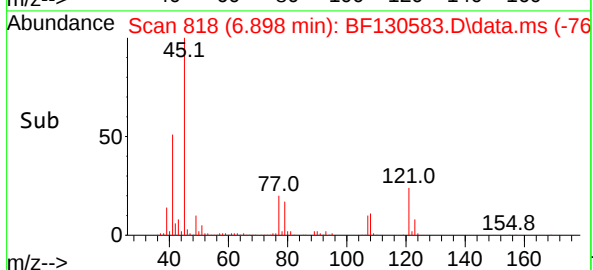
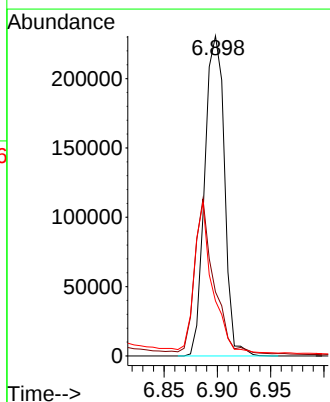
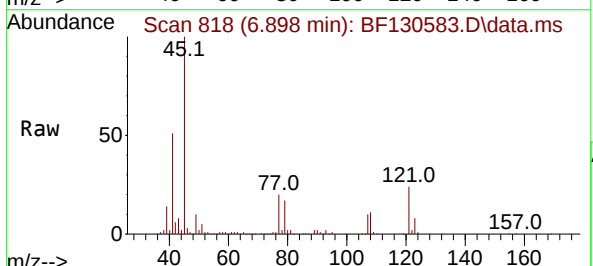
Manual Integrations
APPROVED

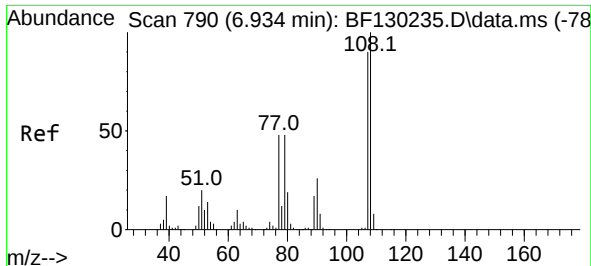
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.040 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

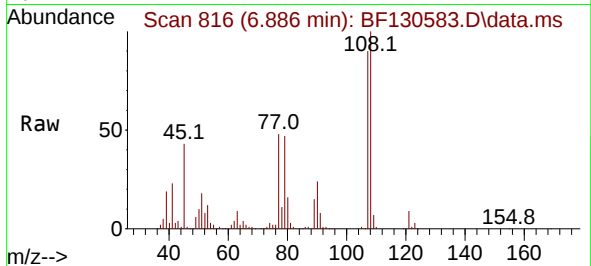
Tgt Ion: 45 Resp: 297575
Ion Ratio Lower Upper
45 100
77 20.0 0.0 34.9
79 17.2 0.0 31.0





#17
2-Methylphenol
Concen: 49.343 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD

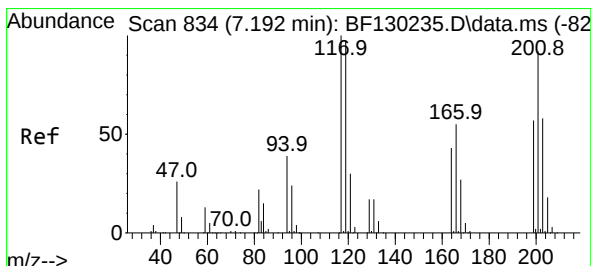
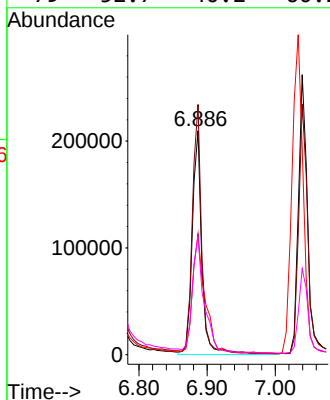
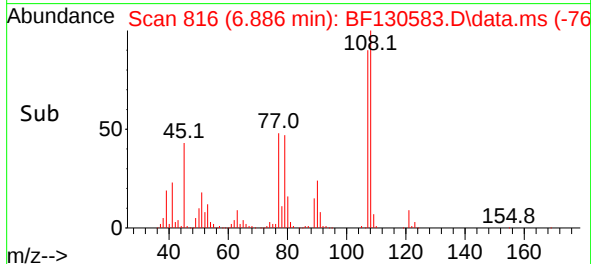


Tgt Ion:107 Resp: 204795

Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.4	134.0
77	54.0	40.6	60.8
79	52.7	40.2	60.2

Manual Integrations
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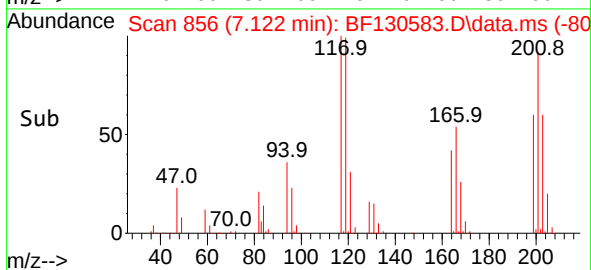
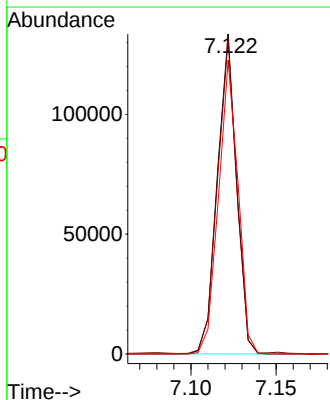
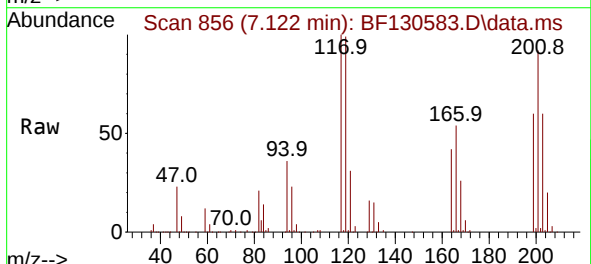
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

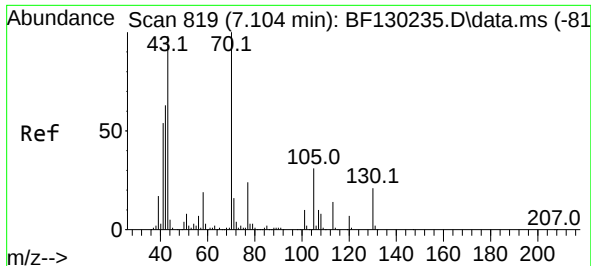


#18
Hexachloroethane
Concen: 46.412 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

Tgt Ion:117 Resp: 104809

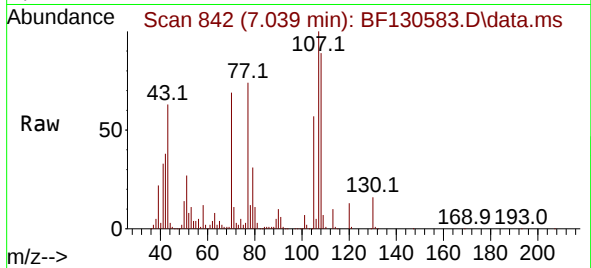
Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.8	116.6
201	91.8	68.7	103.1





#19
n-Nitroso-di-n-propylamine
Concen: 43.977 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

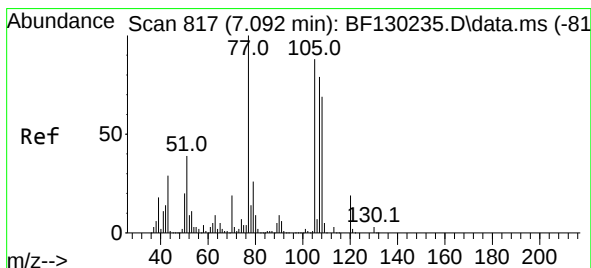
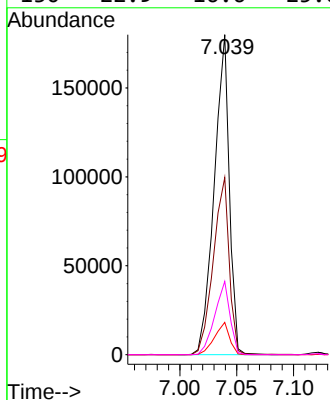
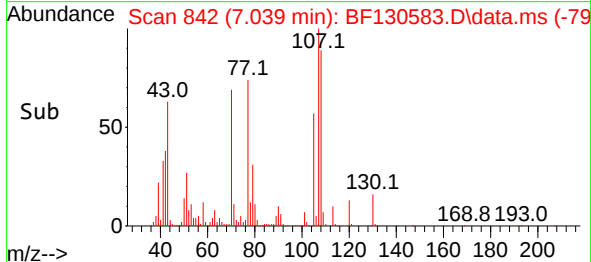
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion: 70 Resp: 166419
Ion Ratio Lower Upper
70 100
42 55.4 50.8 76.2
101 10.1 8.2 12.4
130 22.9 16.6 25.0

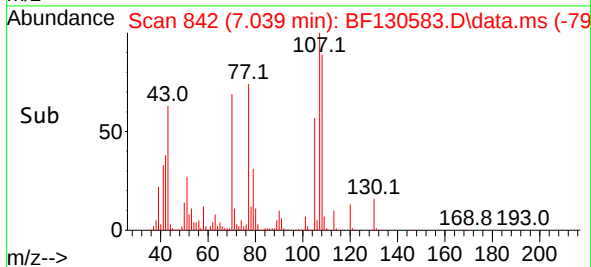
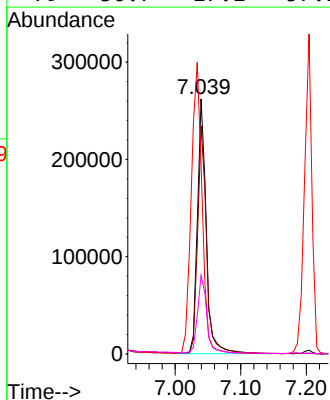
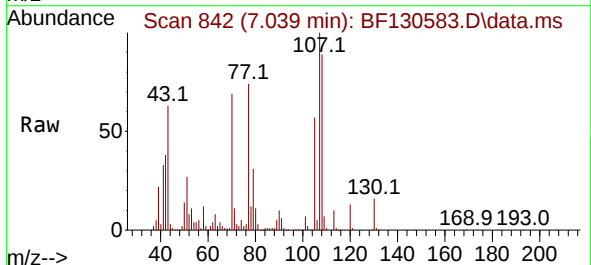
Manual Integrations
APPROVED

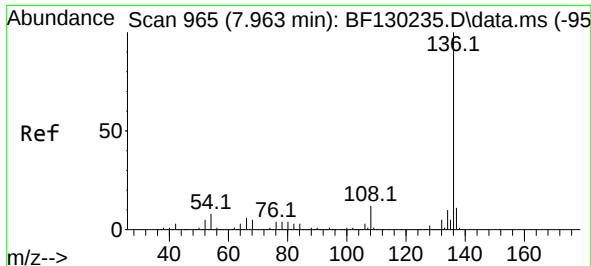
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#20
3+4-Methylphenols
Concen: 45.824 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

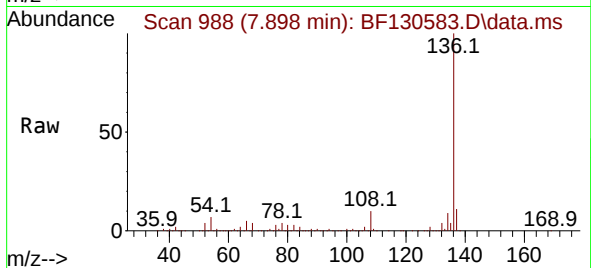
Tgt Ion:107 Resp: 247067
Ion Ratio Lower Upper
107 100
108 89.5 74.8 114.8
77 73.8 125.8 165.8#
79 30.7 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

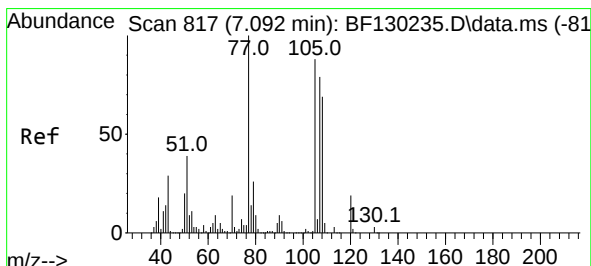
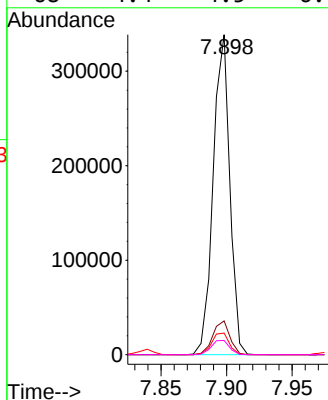
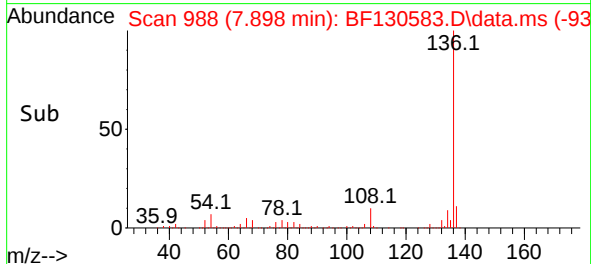
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:136 Resp: 297488
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.8 7.1 10.7
68 4.4 4.5 6.7#

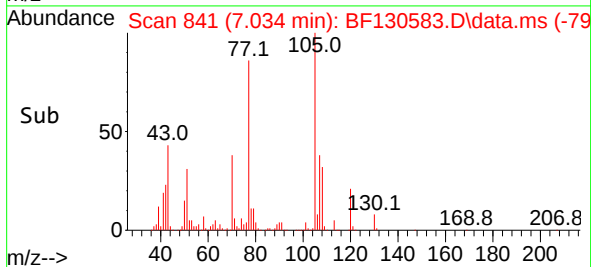
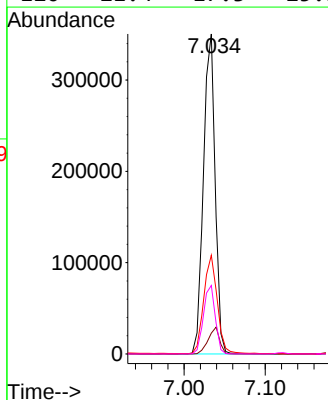
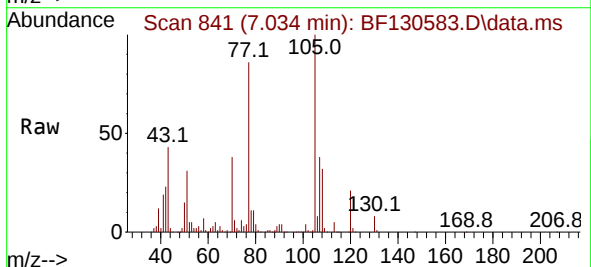
Manual Integrations
APPROVED

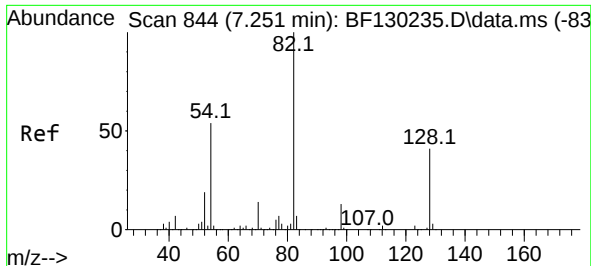
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#22
Acetophenone
Concen: 48.247 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

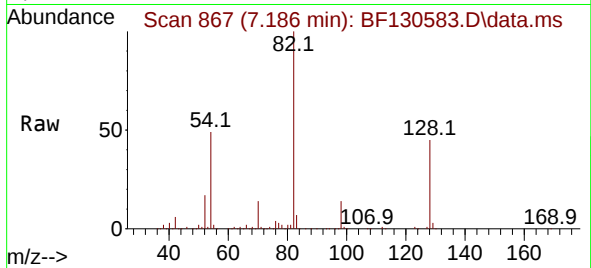
Tgt Ion:105 Resp: 350910
Ion Ratio Lower Upper
105 100
71 6.5 3.9 5.9#
51 30.8 32.2 48.2#
120 21.4 17.3 25.9





#23
Nitrobenzene-d5
Concen: 71.314 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

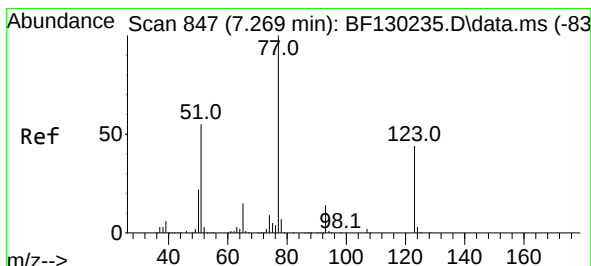
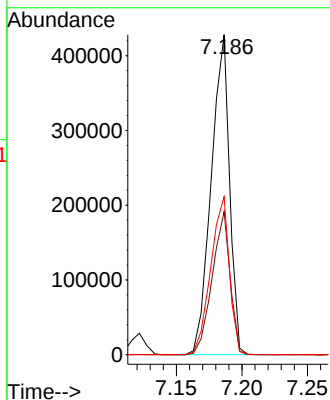
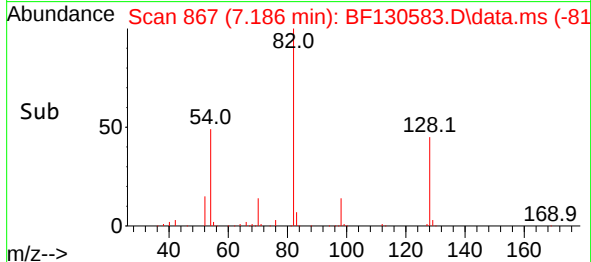
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion: 82 Resp: 415262
Ion Ratio Lower Upper
82 100
128 44.7 32.6 49.0
54 49.4 43.8 65.6

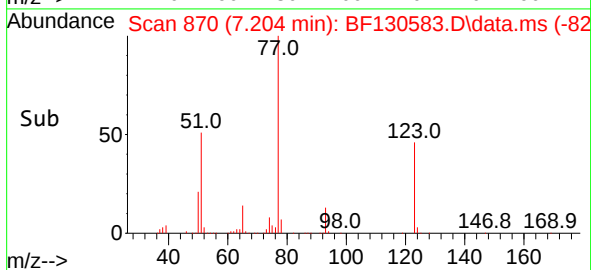
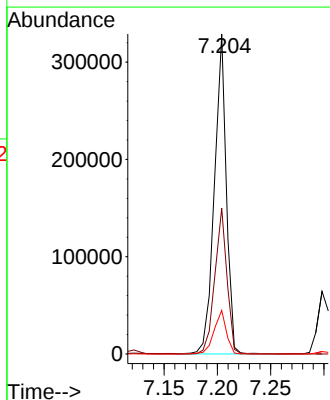
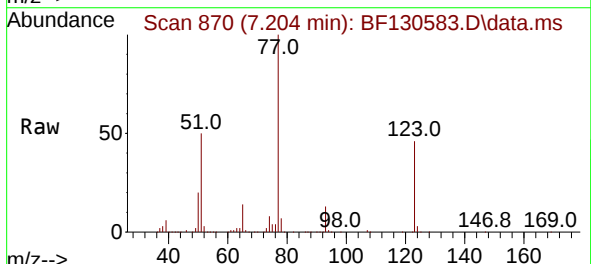
Manual Integrations
APPROVED

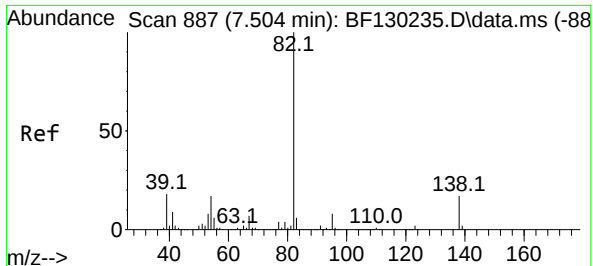
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#24
Nitrobenzene
Concen: 43.567 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

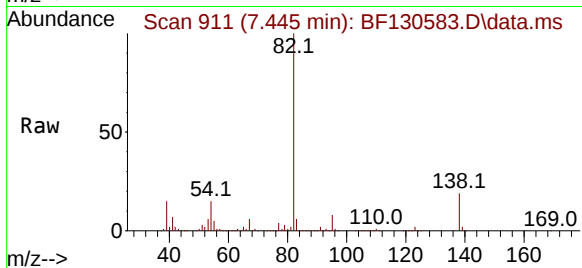
Tgt Ion: 77 Resp: 257595
Ion Ratio Lower Upper
77 100
123 45.6 34.3 51.5
65 13.6 12.0 18.0





#25
Isophorone
Concen: 47.883 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

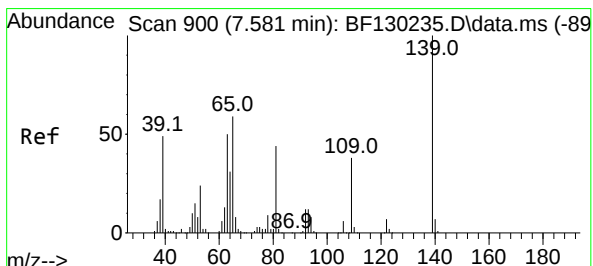
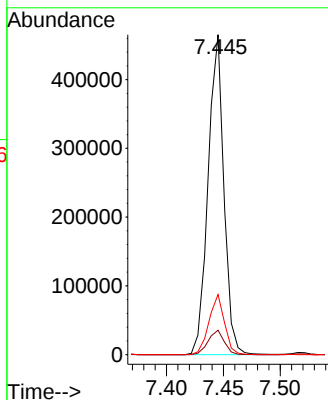
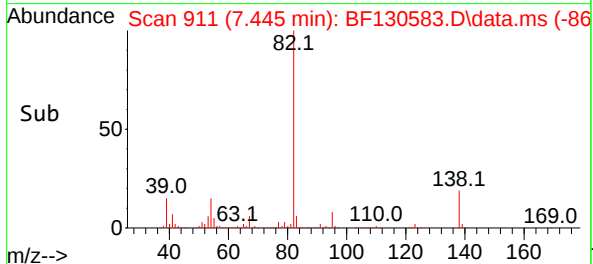
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion: 82 Resp: 449398
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.8 13.8 20.6

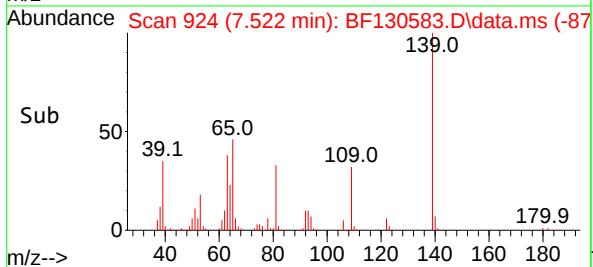
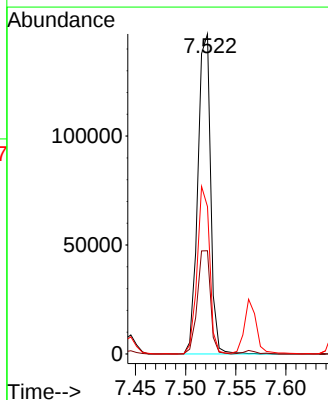
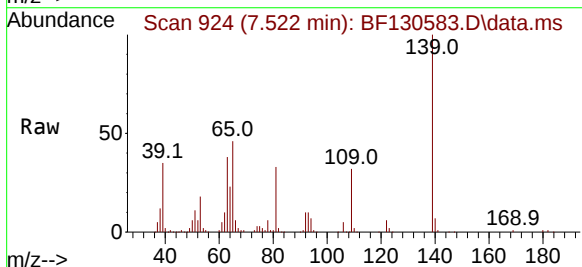
Manual Integrations
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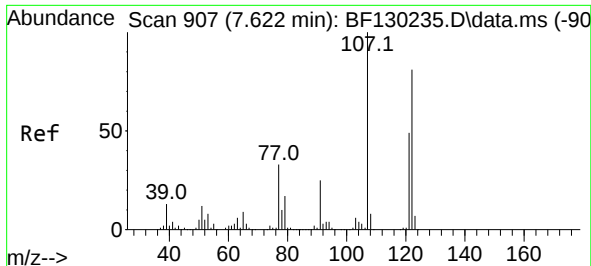
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#26
2-Nitrophenol
Concen: 53.795 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.000 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

Tgt Ion:139 Resp: 130387
Ion Ratio Lower Upper
139 100
109 32.2 30.2 45.4
65 46.1 48.9 73.3#





#27

2,4-Dimethylphenol

Concen: 54.528 ng

RT: 7.563 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130583.D

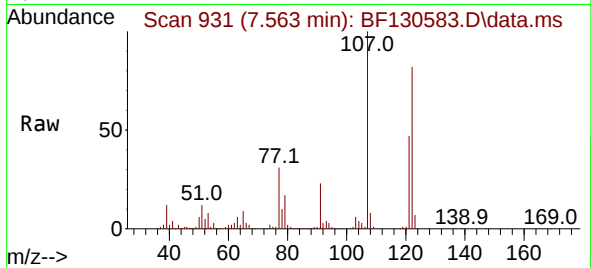
Acq: 07 Oct 2022 19:43

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-(5-10)MSD



Tgt Ion:122 Resp: 203498

Ion Ratio Lower Upper

122 100

107 122.2 100.2 150.2

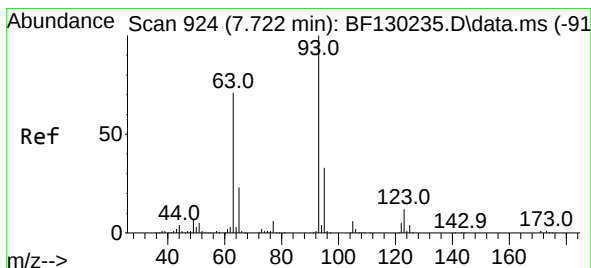
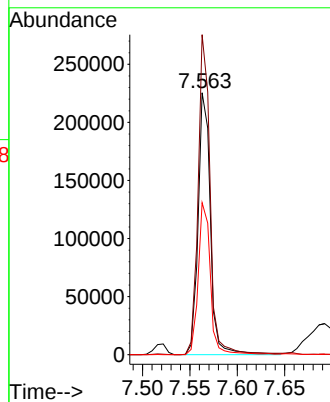
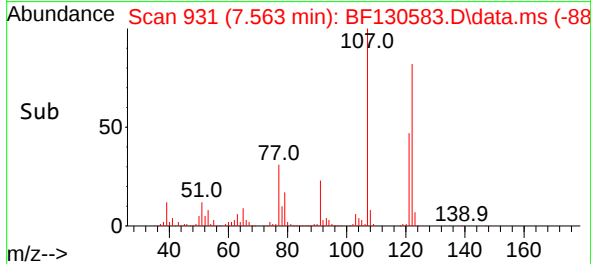
121 58.0 47.8 71.8

Manual Integrations

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Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#28

bis(2-Chloroethoxy)methane

Concen: 52.426 ng

RT: 7.657 min Scan# 947

Delta R.T. -0.006 min

Lab File: BF130583.D

Acq: 07 Oct 2022 19:43

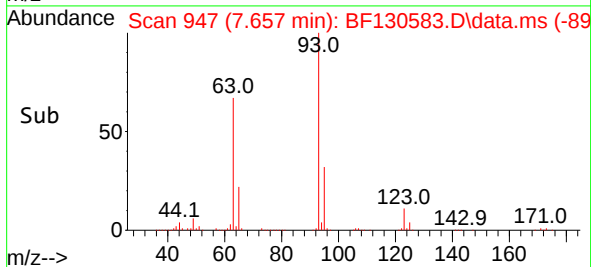
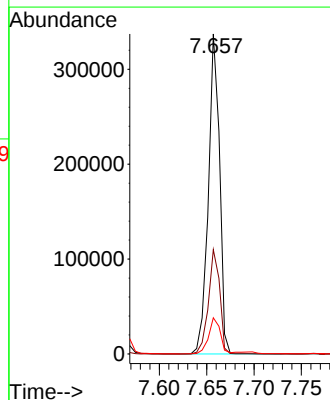
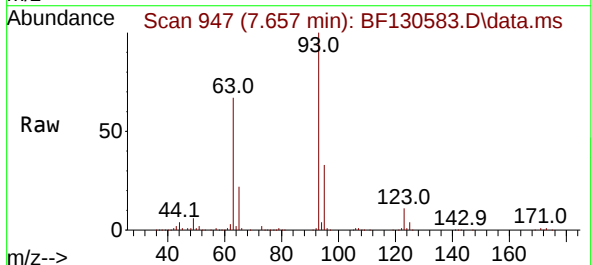
Tgt Ion: 93 Resp: 277058

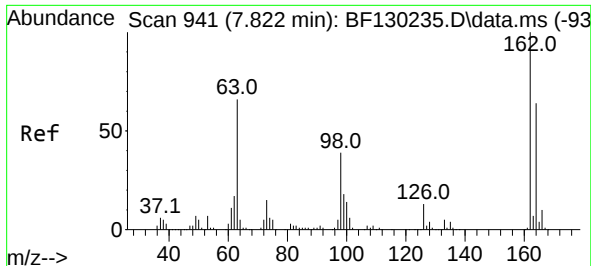
Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

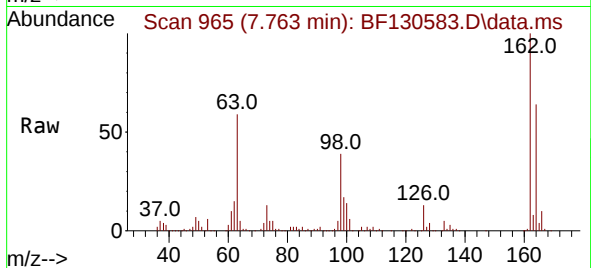
123 11.3 9.4 14.2





#29
2,4-Dichlorophenol
Concen: 47.655 ng
RT: 7.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

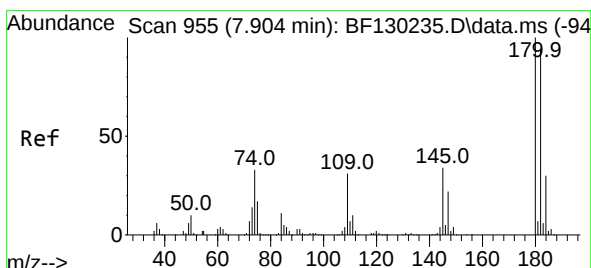
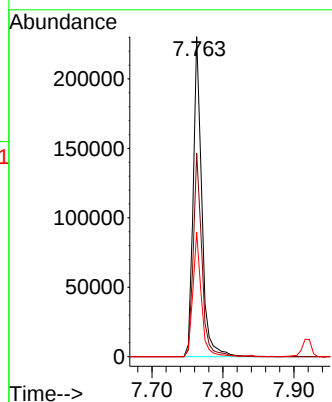
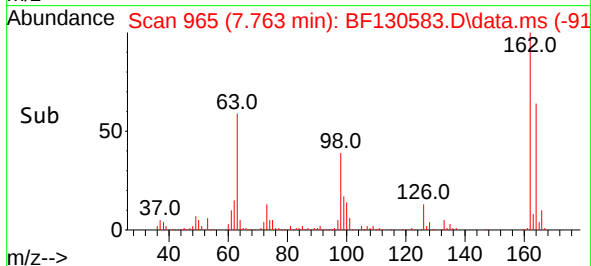
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



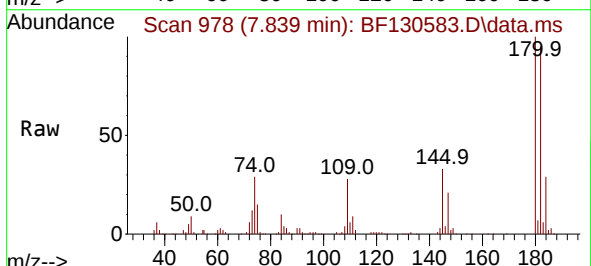
Tgt Ion:162 Resp: 19489
Ion Ratio Lower Upper
162 100
164 63.6 42.2 82.2
98 38.9 21.7 61.7

Manual Integrations
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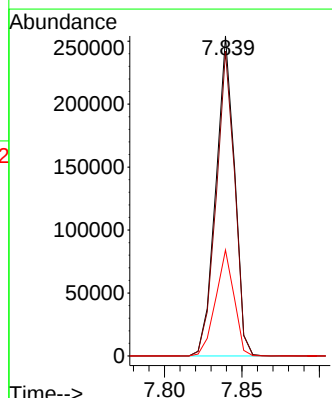
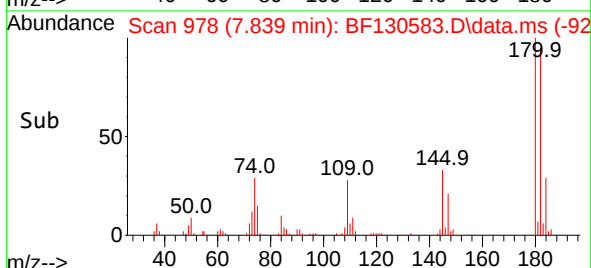
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

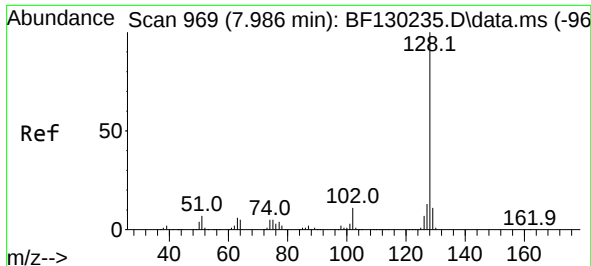


#30
1,2,4-Trichlorobenzene
Concen: 48.146 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43



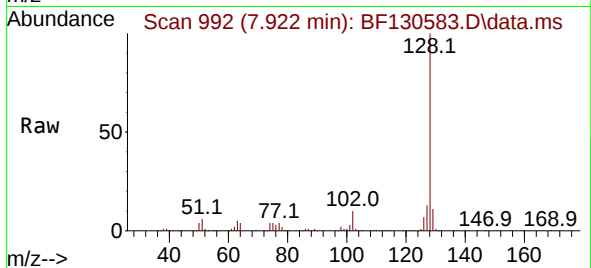
Tgt Ion:180 Resp: 212881
Ion Ratio Lower Upper
180 100
182 95.2 73.3 109.9
145 33.1 28.3 42.5





#31
Naphthalene
Concen: 45.766 ng
RT: 7.922 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

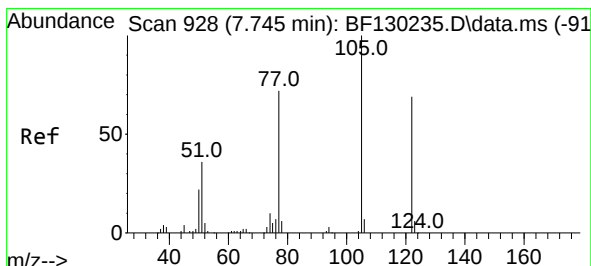
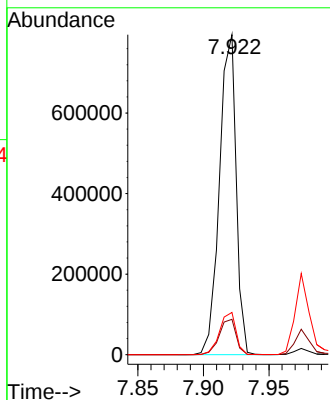
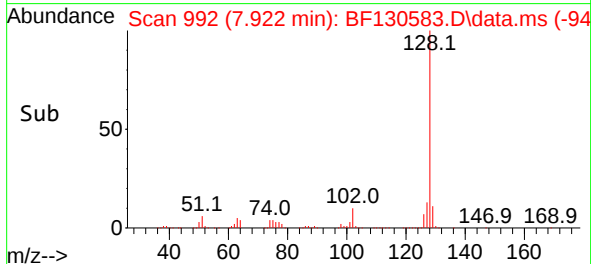
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:128 Resp: 70141
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.2 10.6 16.0

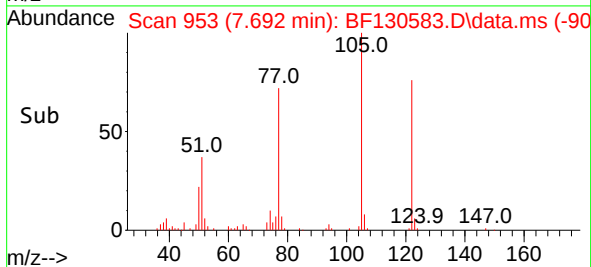
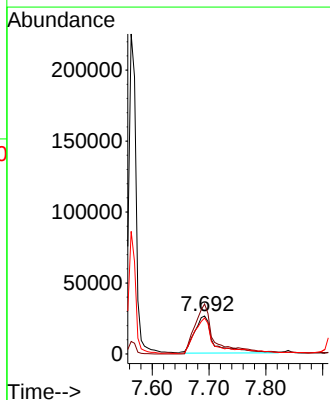
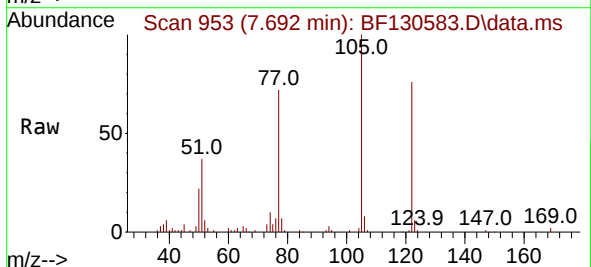
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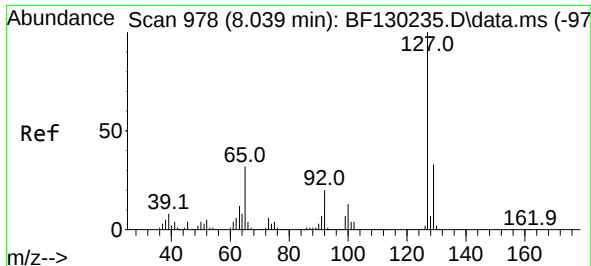
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#32
Benzoic acid
Concen: 21.814 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.018 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

Tgt Ion:122 Resp: 62956
Ion Ratio Lower Upper
122 100
105 131.6 112.9 152.9
77 94.9 82.8 122.8





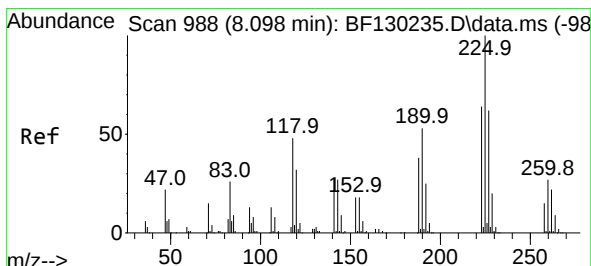
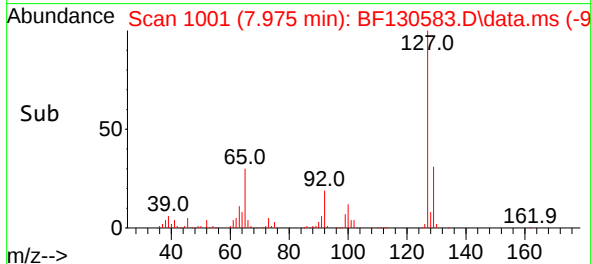
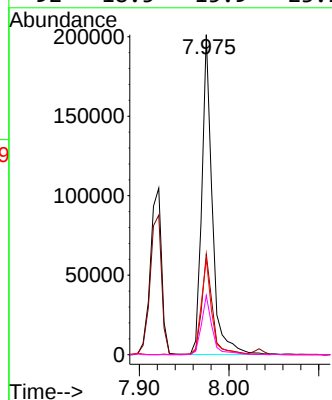
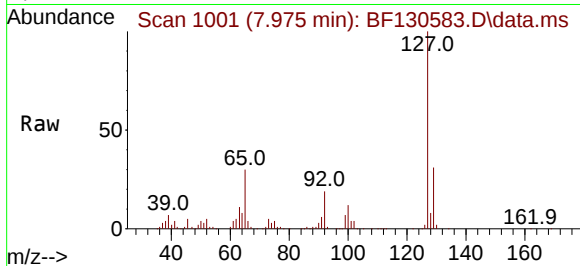
#33
4-Chloroaniline
Concen: 27.868 ng
RT: 7.975 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD

Tgt Ion:	127	Resp:	16244
Ion Ratio	Lower	Upper	
127	100		
129	31.4	25.6	38.4
65	29.9	27.0	40.6
92	18.5	15.9	23.9

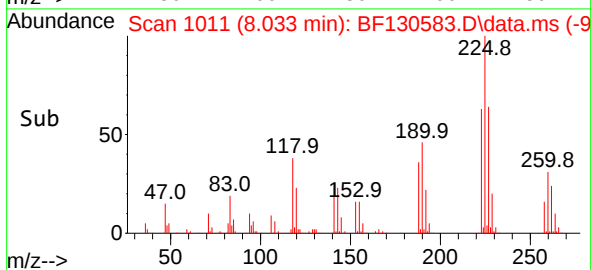
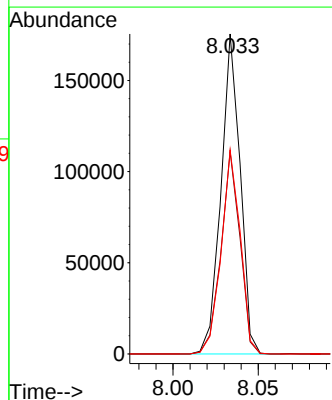
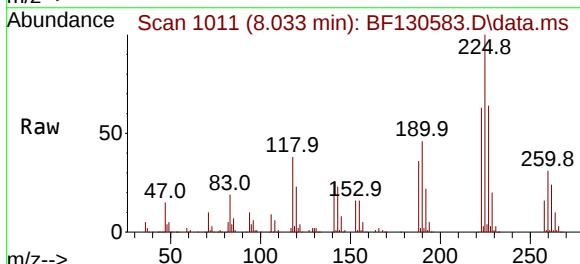
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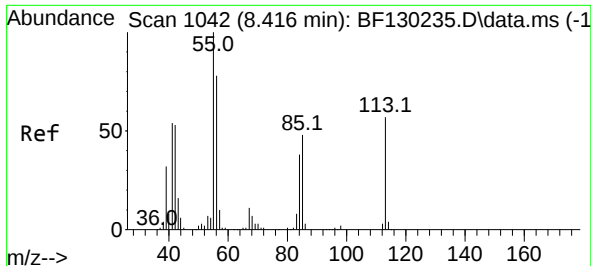
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#34
Hexachlorobutadiene
Concen: 48.571 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

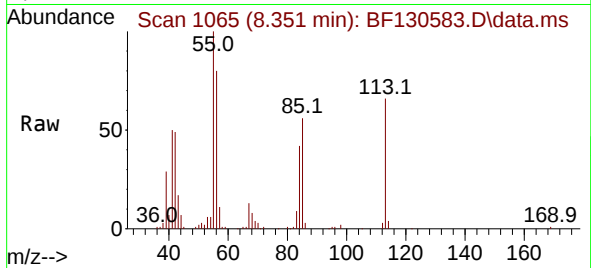
Tgt Ion:	225	Resp:	137251
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.3	75.5
227	63.7	51.1	76.7





#35
Caprolactam
Concen: 44.688 ng m
RT: 8.351 min Scan# 1065
Delta R.T. -0.012 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

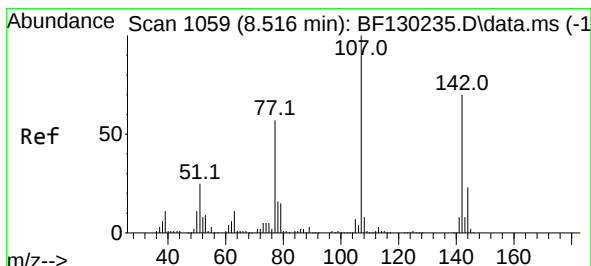
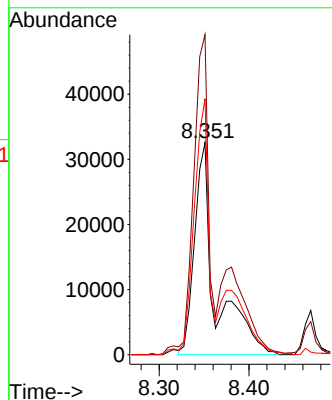
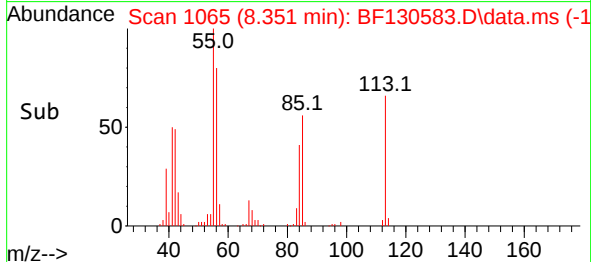
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:113 Resp: 5239
Ion Ratio Lower Upper
113 100
55 150.8 155.4 195.4
56 120.7 120.4 160.4

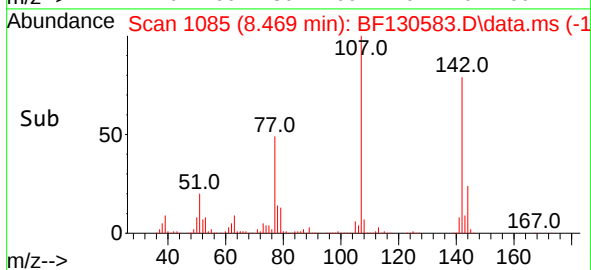
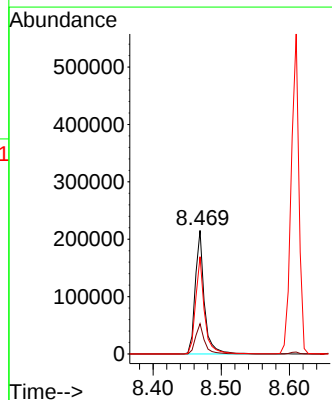
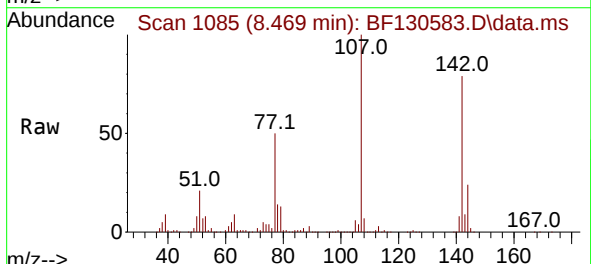
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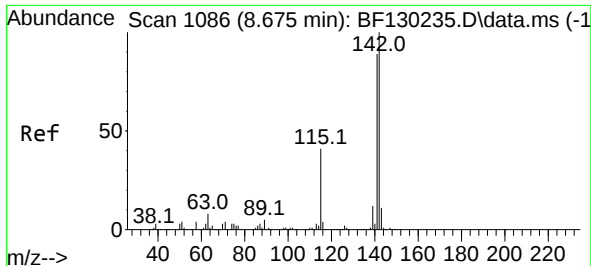
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#36
4-Chloro-3-methylphenol
Concen: 43.791 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.000 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

Tgt Ion:107 Resp: 198505
Ion Ratio Lower Upper
107 100
144 24.4 20.0 30.0
142 78.7 61.3 91.9





#37

2-Methylnaphthalene

Concen: 45.165 ng

RT: 8.610 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF130583.D

Acq: 07 Oct 2022 19:43

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-(5-10)MSD

Tgt Ion:142 Resp: 44134

Ion Ratio Lower Upper

142 100

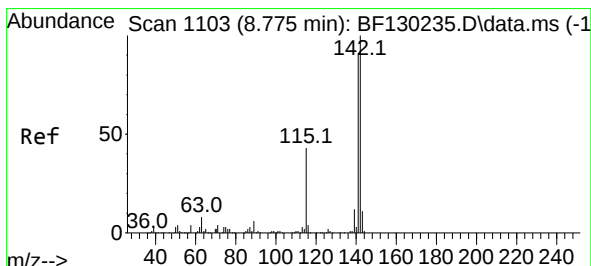
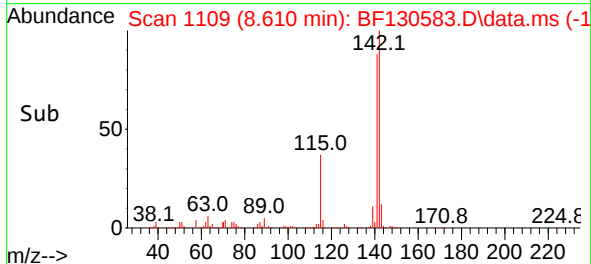
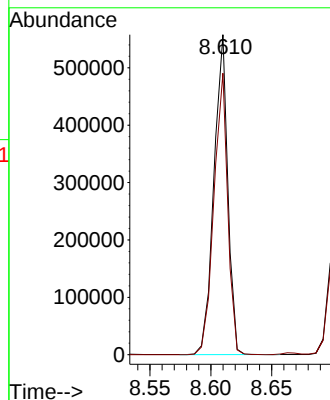
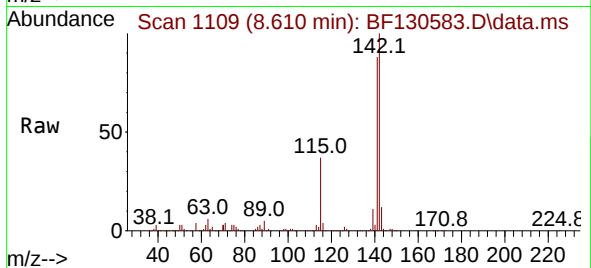
141 87.9 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#38

1-Methylnaphthalene

Concen: 44.891 ng

RT: 8.710 min Scan# 1126

Delta R.T. -0.000 min

Lab File: BF130583.D

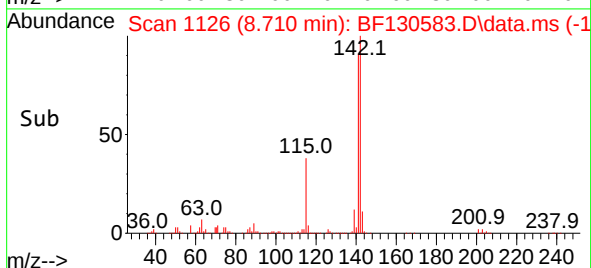
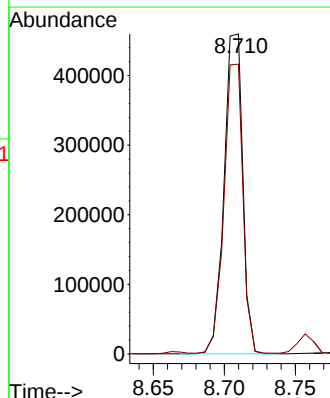
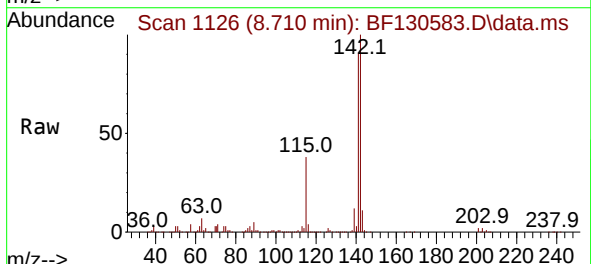
Acq: 07 Oct 2022 19:43

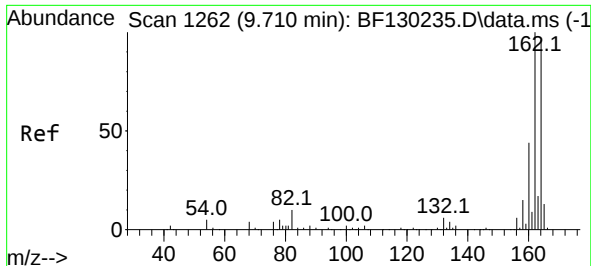
Tgt Ion:142 Resp: 421402

Ion Ratio Lower Upper

142 100

141 90.5 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.645 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF130583.D

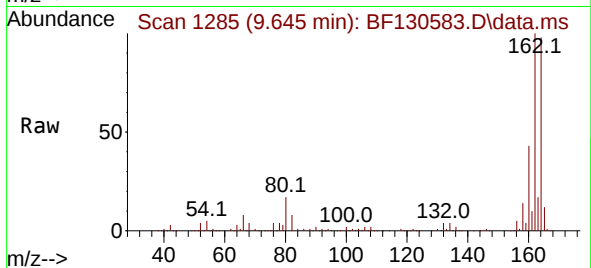
Acq: 07 Oct 2022 19:43

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-(5-10)MSD



Tgt Ion:164 Resp: 139209

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

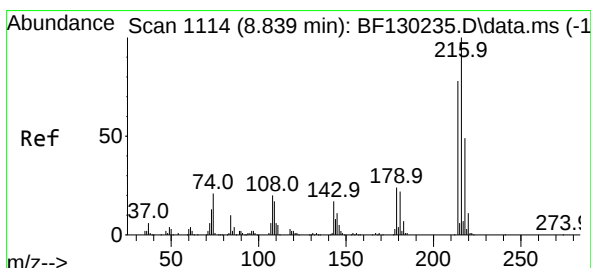
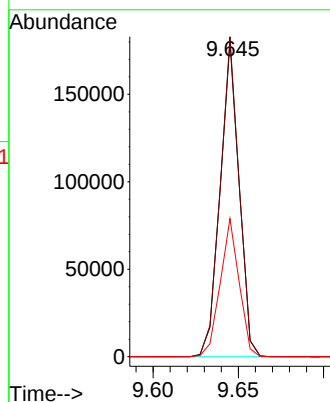
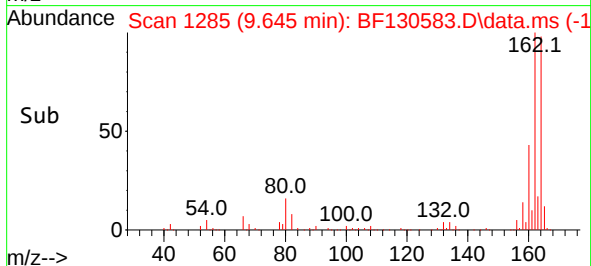
160 43.8 36.2 54.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.013 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF130583.D

Acq: 07 Oct 2022 19:43

Tgt Ion:216 Resp: 201403

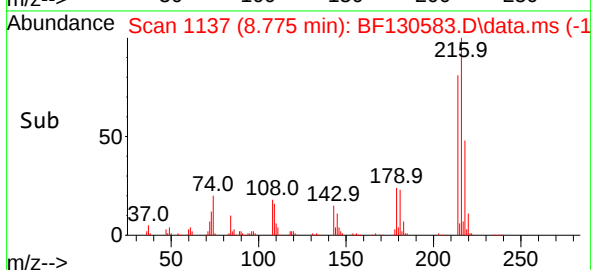
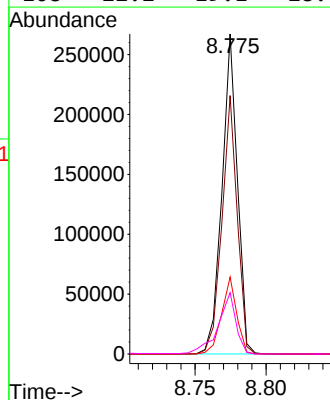
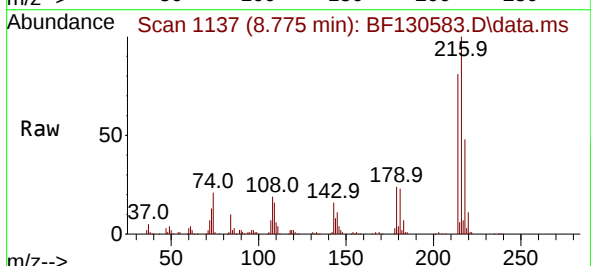
Ion Ratio Lower Upper

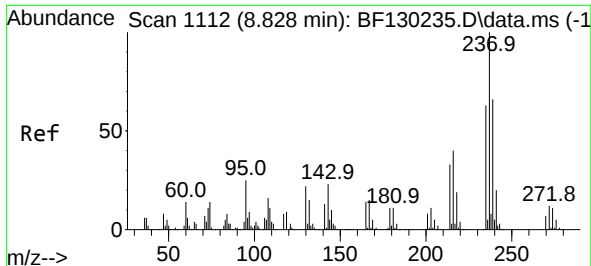
216 100

214 79.9 62.8 94.2

179 23.5 19.5 29.3

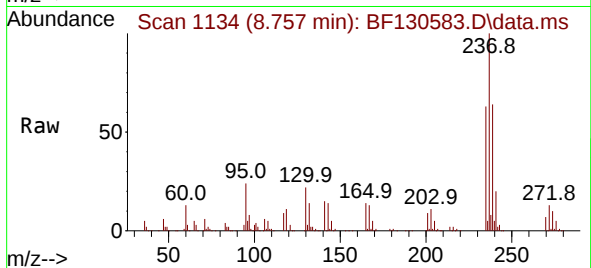
108 22.2 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 79.917 ng
RT: 8.757 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

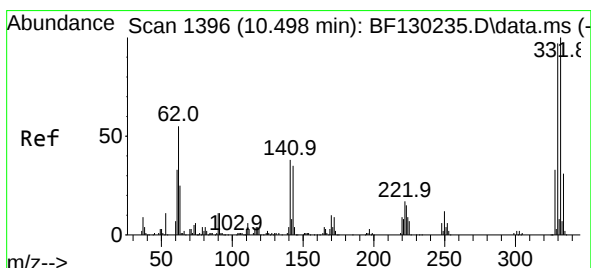
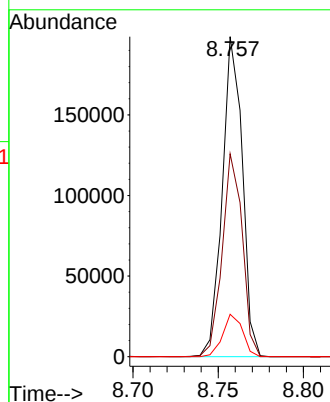
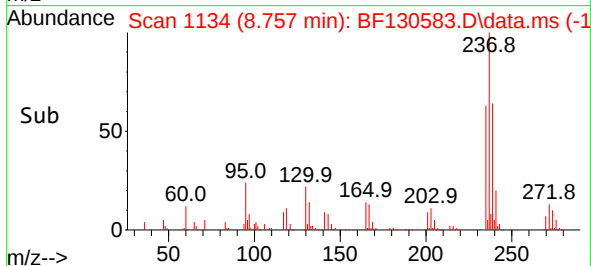
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



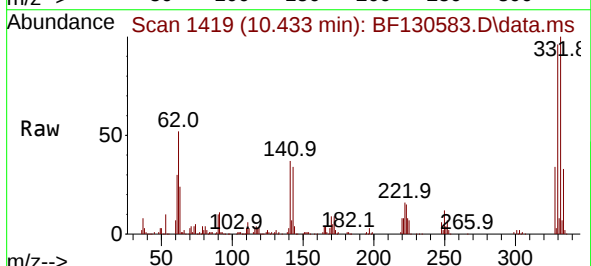
Tgt Ion:237 Resp: 16255
Ion Ratio Lower Upper
237 100
235 63.4 42.5 82.5
272 13.3 0.0 32.8

Manual Integrations
APPROVED

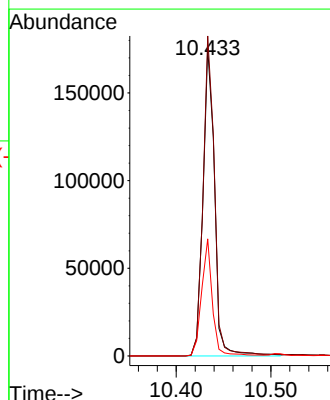
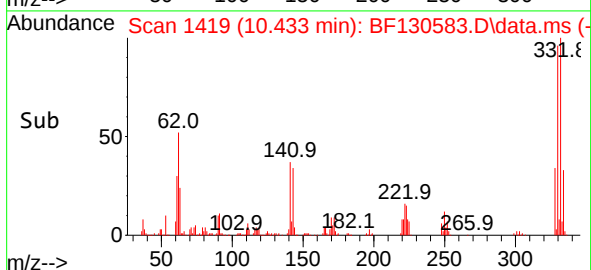
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

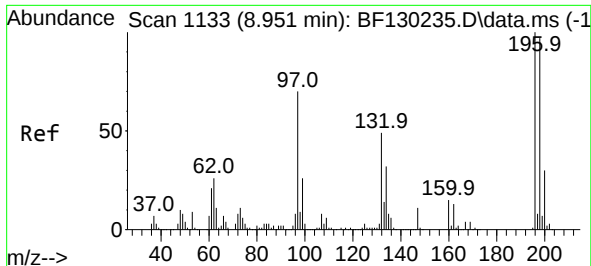


#42
2,4,6-Tribromophenol
Concen: 112.385 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43



Tgt Ion:330 Resp: 149909
Ion Ratio Lower Upper
330 100
332 103.3 83.4 125.2
141 35.6 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 46.764 ng

RT: 8.892 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BF130583.D

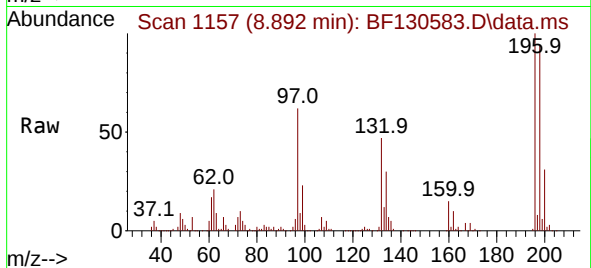
Acq: 07 Oct 2022 19:43

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-(5-10)MSD



Tgt Ion:196 Resp: 123990

Ion Ratio Lower Upper

196 100

198 93.8 72.4 108.6

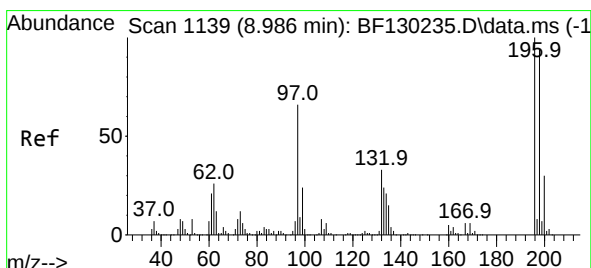
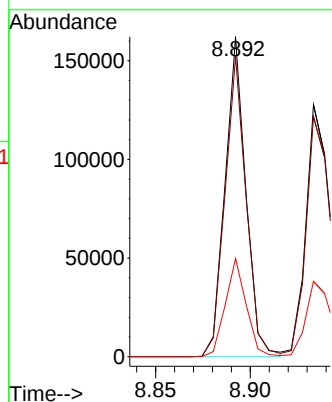
200 30.7 23.8 35.6

Manual Integrations

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Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#44

2,4,5-Trichlorophenol

Concen: 45.239 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF130583.D

Acq: 07 Oct 2022 19:43

Tgt Ion:196 Resp: 129437

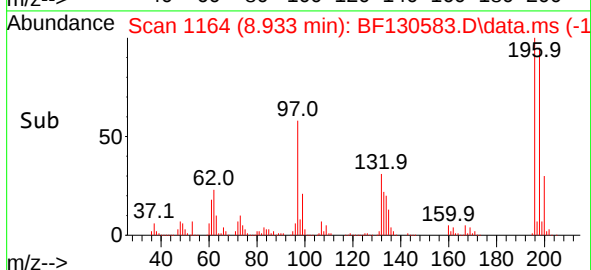
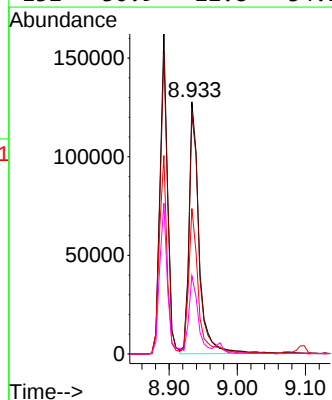
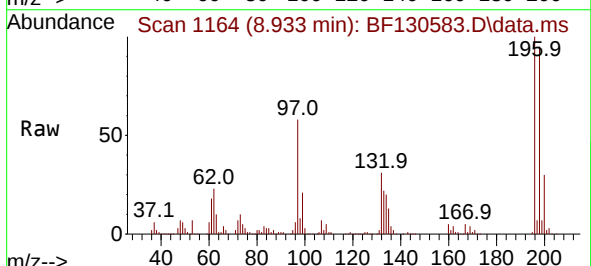
Ion Ratio Lower Upper

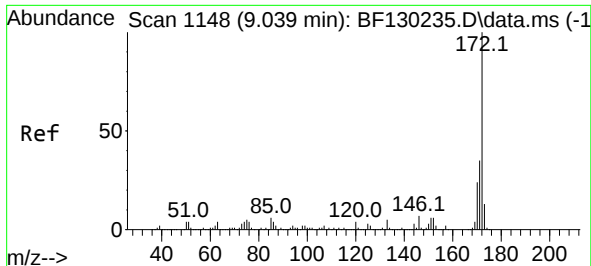
196 100

198 95.2 74.8 112.2

97 57.7 43.7 65.5

132 30.9 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 79.699 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF130583.D

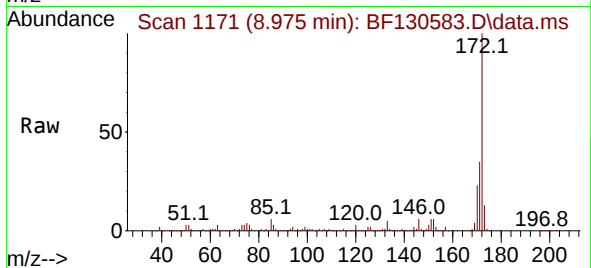
Acq: 07 Oct 2022 19:43

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-(5-10)MSD



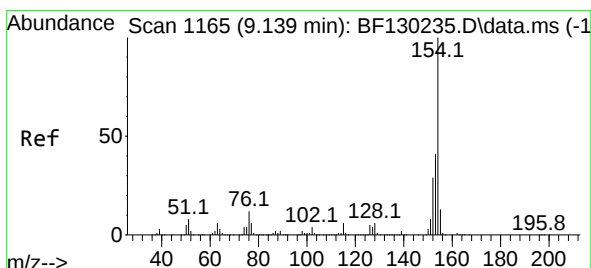
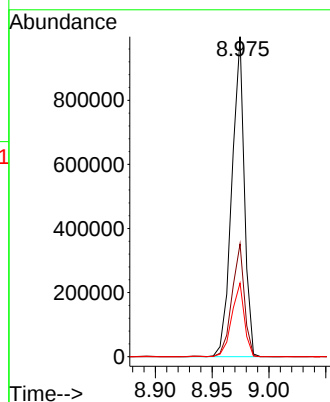
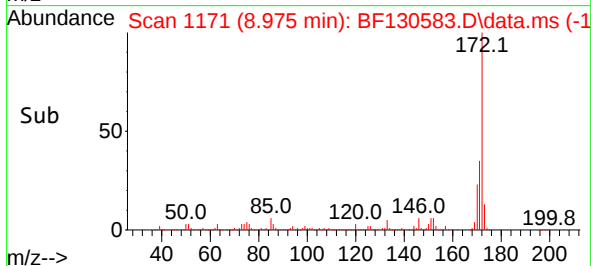
Tgt Ion:	172	Resp:	76190
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.3	42.5
170	23.0	18.7	28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#46

1,1'-Biphenyl

Concen: 51.539 ng

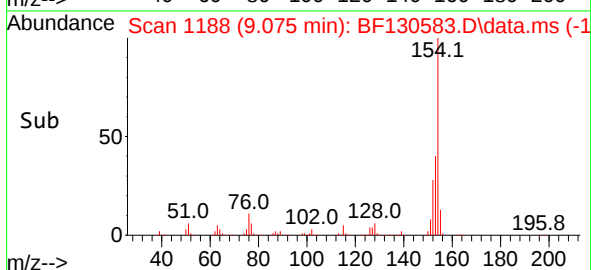
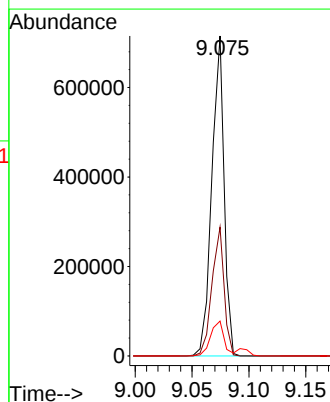
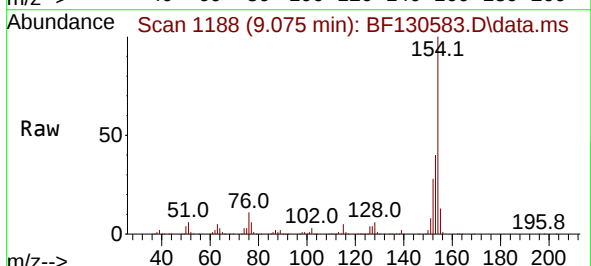
RT: 9.075 min Scan# 1188

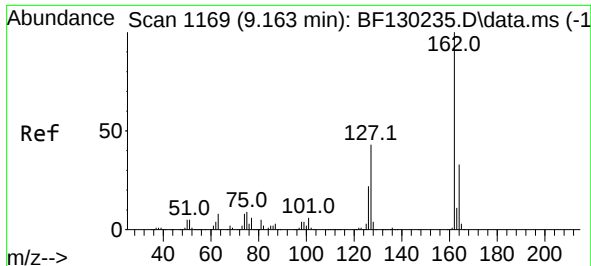
Delta R.T. -0.006 min

Lab File: BF130583.D

Acq: 07 Oct 2022 19:43

Tgt Ion:	154	Resp:	535835
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.0	60.0
76	10.9	0.0	33.3





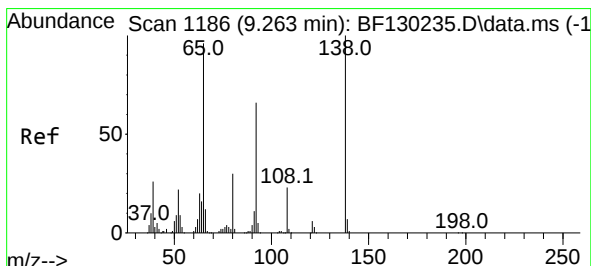
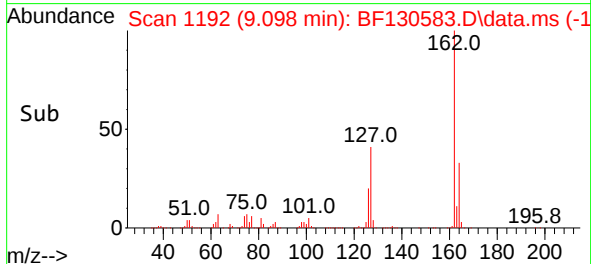
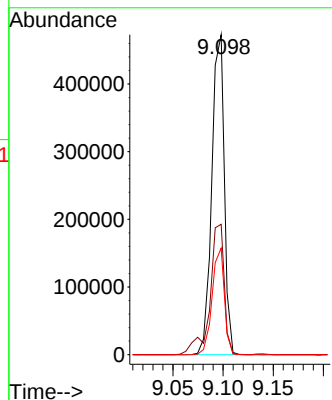
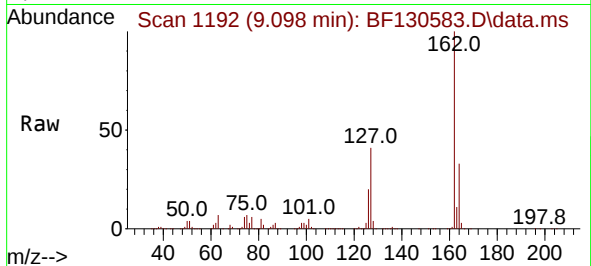
#47
2-Chloronaphthalene
Concen: 48.933 ng
RT: 9.098 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD

Tgt Ion:162 Resp: 41154
Ion Ratio Lower Upper
162 100
127 40.7 35.9 53.9
164 33.3 26.2 39.2

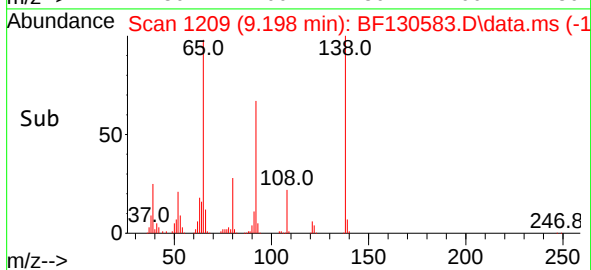
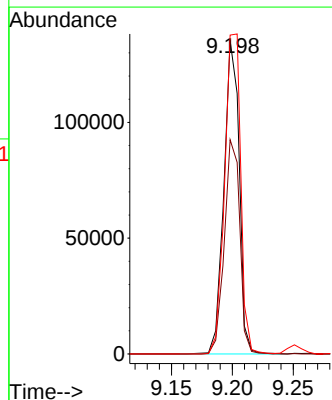
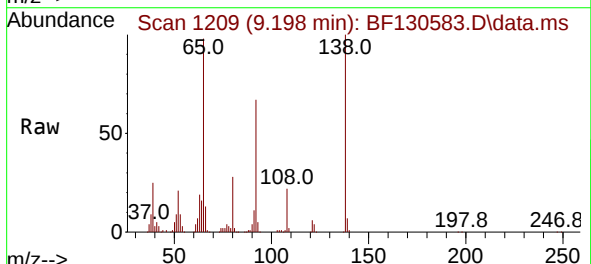
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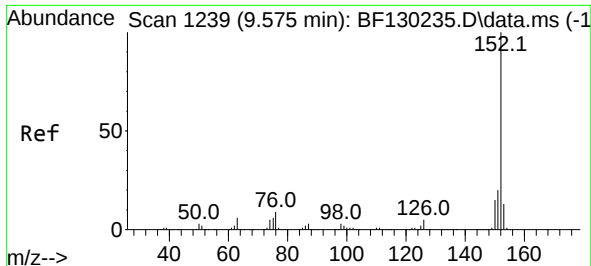
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#48
2-Nitroaniline
Concen: 42.193 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

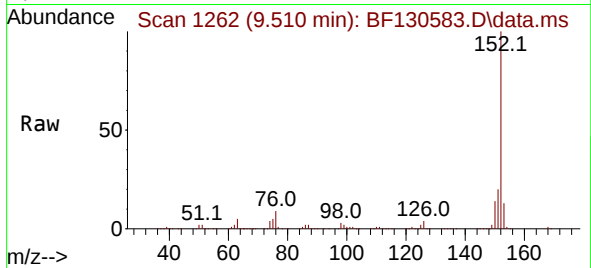
Tgt Ion: 65 Resp: 118355
Ion Ratio Lower Upper
65 100
92 68.3 52.2 78.4
138 101.7 77.0 115.4





#49
Acenaphthylene
Concen: 47.571 ng
RT: 9.510 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

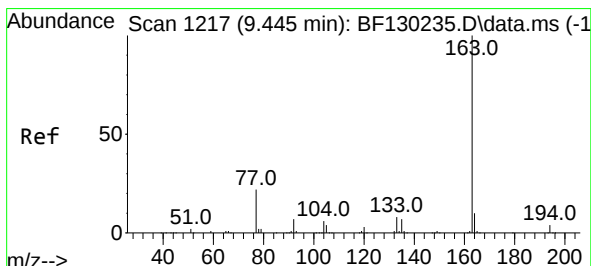
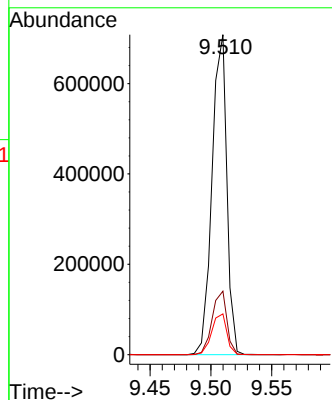
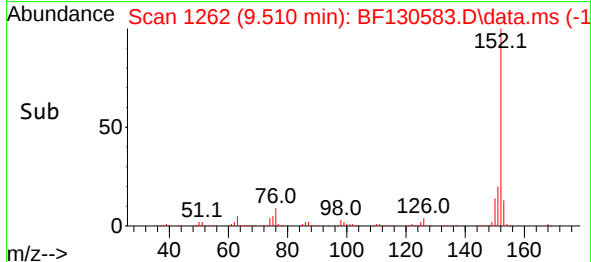
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



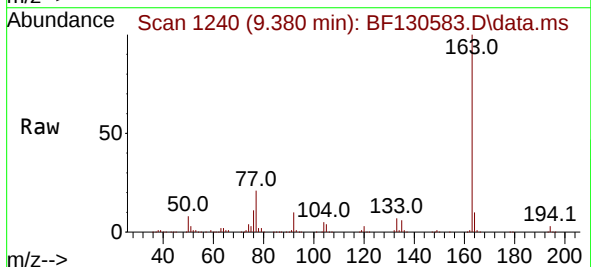
Tgt Ion:152 Resp: 599864
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.7 10.6 15.8

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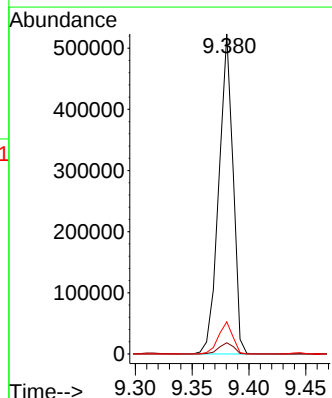
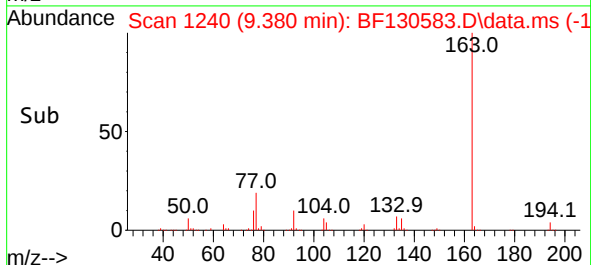
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

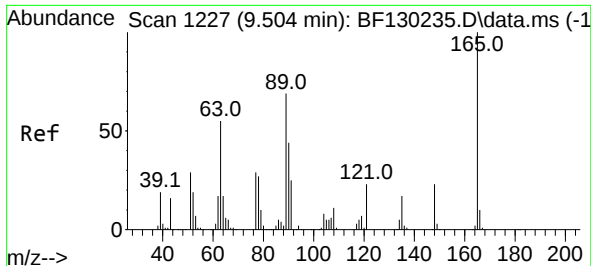


#50
Dimethylphthalate
Concen: 47.406 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43



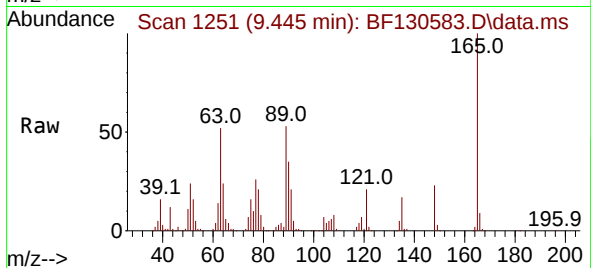
Tgt Ion:163 Resp: 455854
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.440 ng
RT: 9.445 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

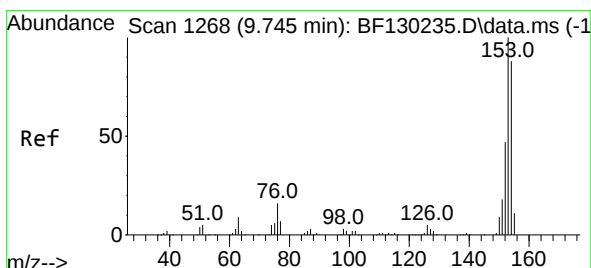
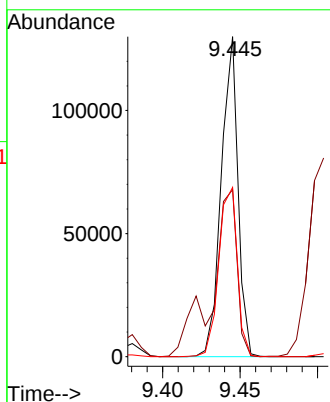
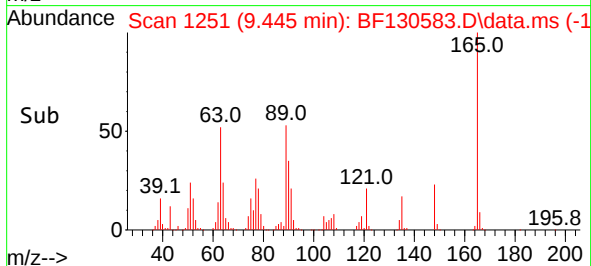
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



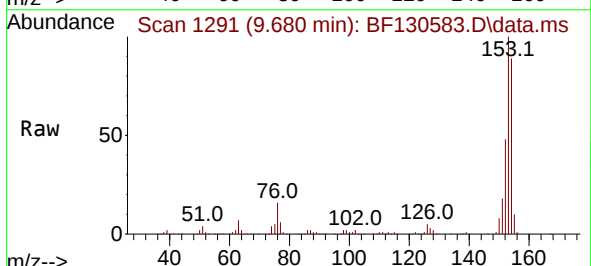
Tgt Ion:165 Resp: 97410
Ion Ratio Lower Upper
165 100
63 52.2 58.8 88.2
89 52.9 54.5 81.7

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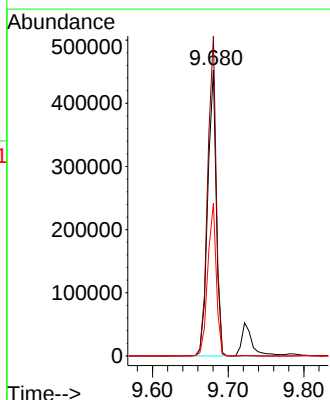
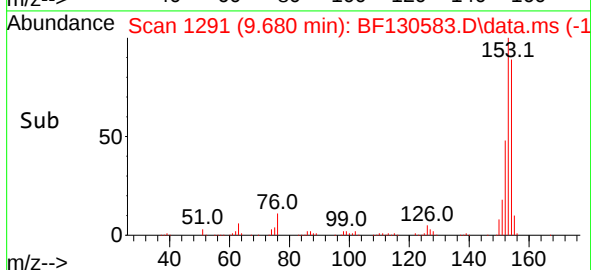
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

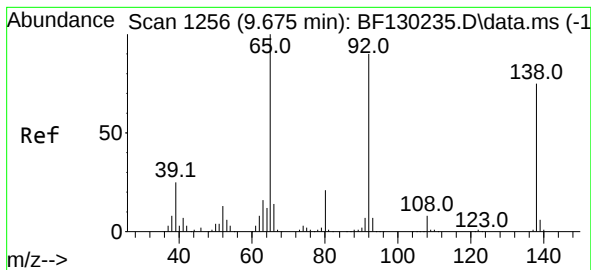


#52
Acenaphthene
Concen: 48.393 ng m
RT: 9.680 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43



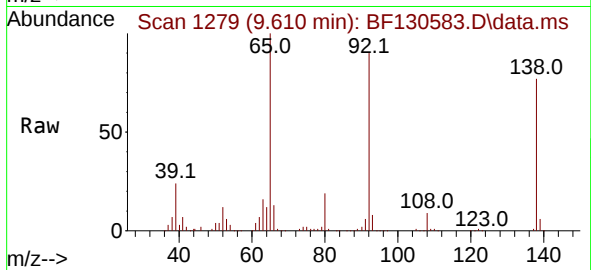
Tgt Ion:154 Resp: 400942
Ion Ratio Lower Upper
154 100
153 111.9 90.6 136.0
152 53.4 43.8 65.6





#53
3-Nitroaniline
Concen: 31.499 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

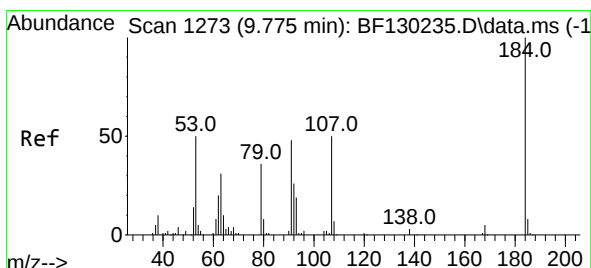
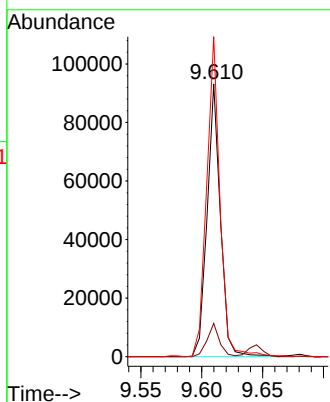
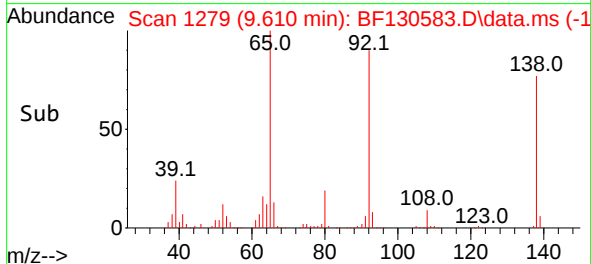
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



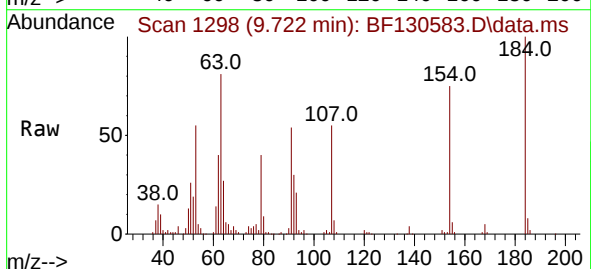
Tgt Ion:138 Resp: 70580
Ion Ratio Lower Upper
138 100
108 12.2 9.2 13.8
92 117.3 99.2 148.8

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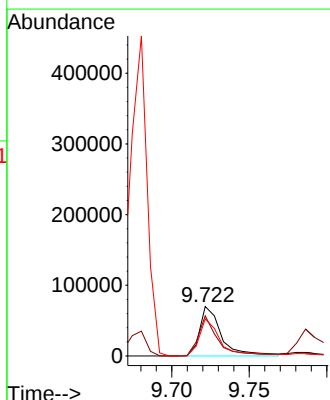
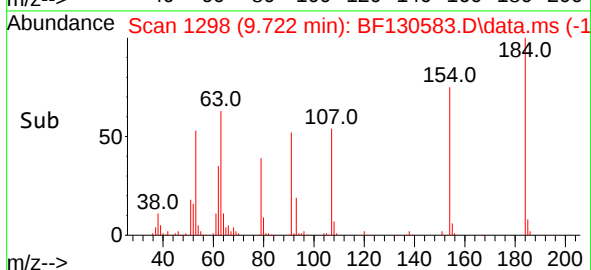
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

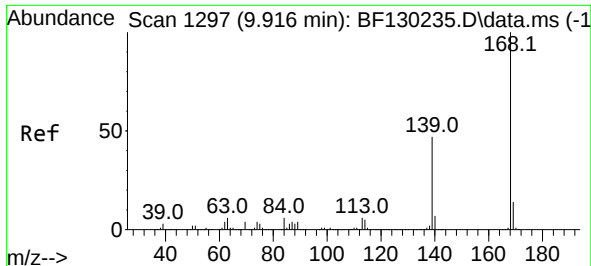


#54
2,4-Dinitrophenol
Concen: 64.160 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43



Tgt Ion:184 Resp: 68528
Ion Ratio Lower Upper
184 100
63 81.2 70.0 105.0
154 75.0 63.0 94.6





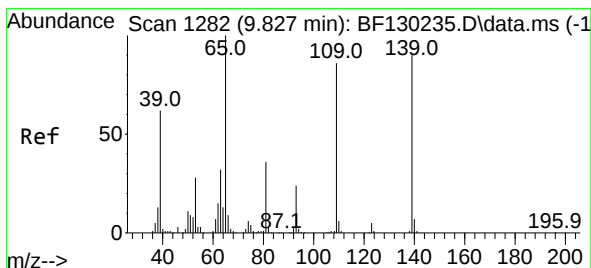
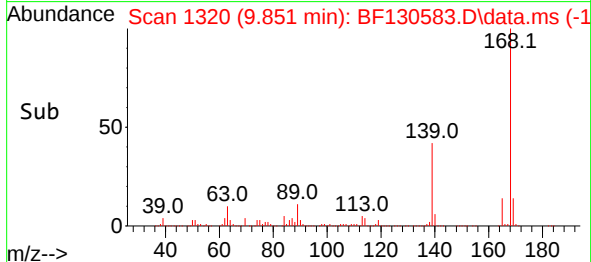
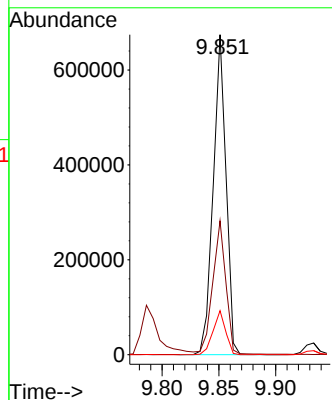
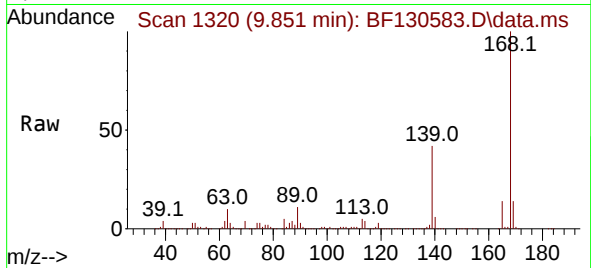
#55
Dibenzenofuran
Concen: 45.804 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD

Tgt Ion:168 Resp: 52784
Ion Ratio Lower Upper
168 100
139 41.9 35.0 52.4
169 13.7 10.9 16.3

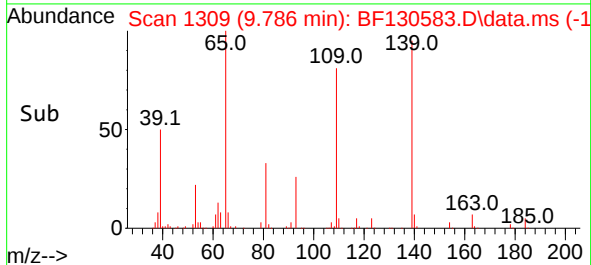
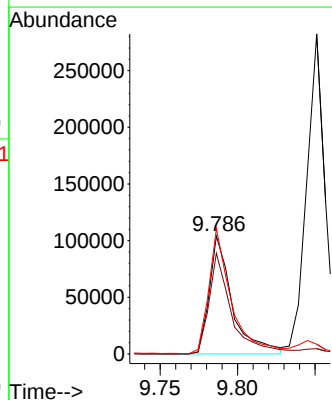
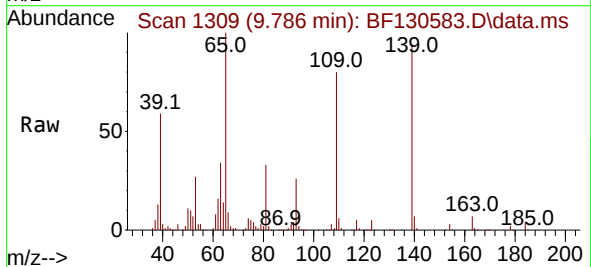
Manual Integrations
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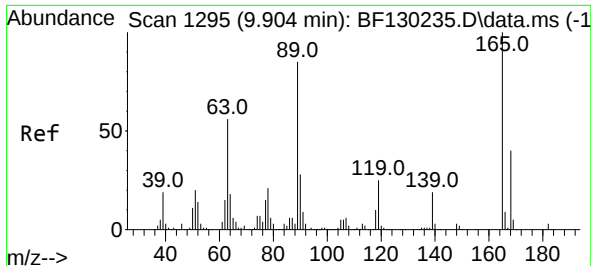
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#56
4-Nitrophenol
Concen: 66.321 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

Tgt Ion:139 Resp: 108247
Ion Ratio Lower Upper
139 100
109 85.4 72.2 112.2
65 106.3 97.7 137.7





#57

2,4-Dinitrotoluene

Concen: 46.346 ng

RT: 9.845 min Scan# 119118

Delta R.T. -0.006 min

Lab File: BF130583.D

Acq: 07 Oct 2022 19:43

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-(5-10)MSD

Tgt Ion:165 Resp: 119118

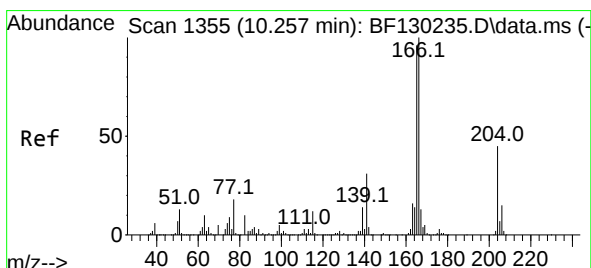
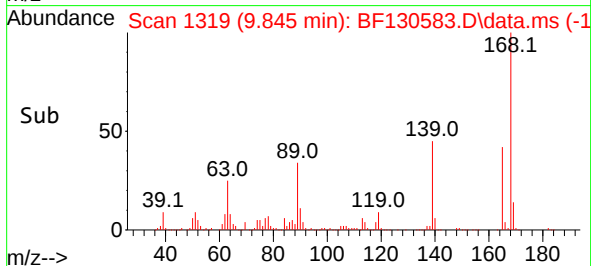
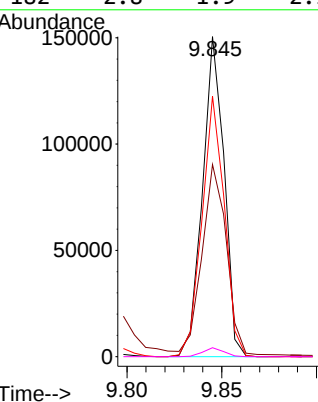
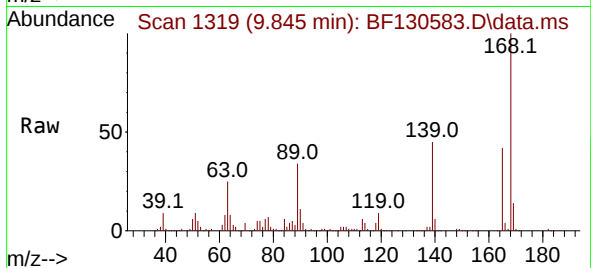
Ion	Ratio	Lower	Upper
165	100		
63	60.0	44.7	67.1
89	81.4	69.0	103.4
182	2.8	1.9	2.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#58

Fluorene

Concen: 44.073 ng

RT: 10.192 min Scan# 1378

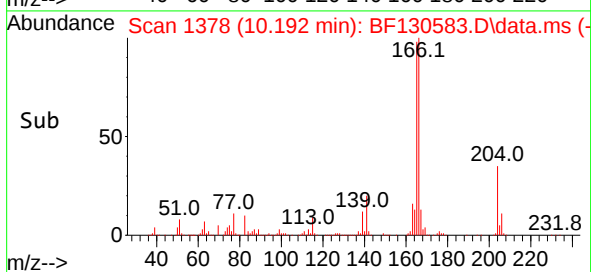
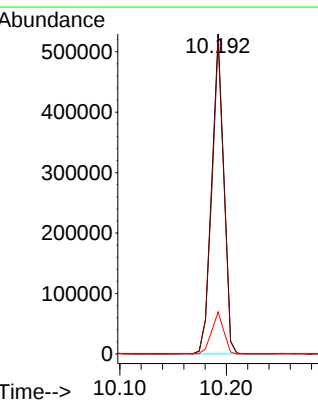
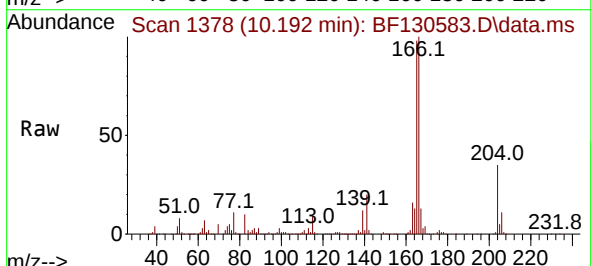
Delta R.T. -0.006 min

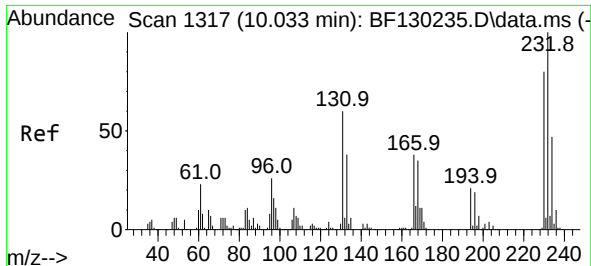
Lab File: BF130583.D

Acq: 07 Oct 2022 19:43

Tgt Ion:166 Resp: 415369

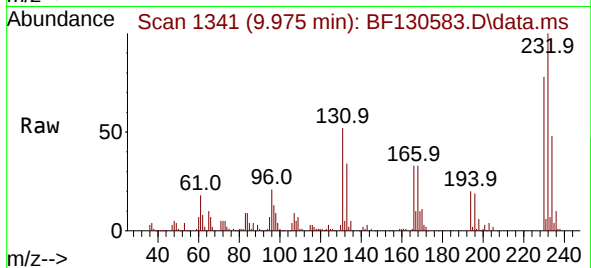
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	13.1	10.6	15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.649 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

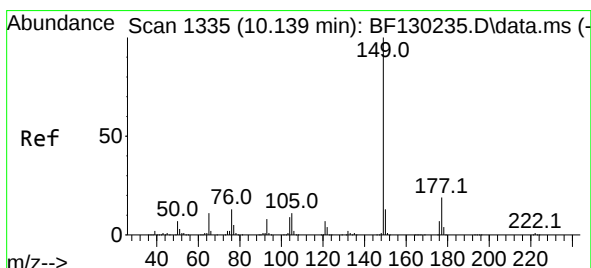
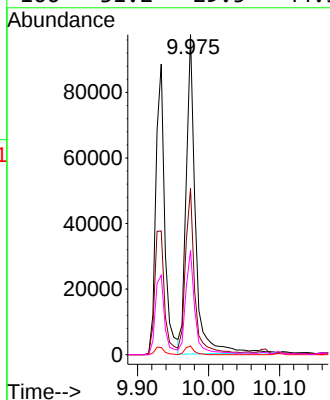
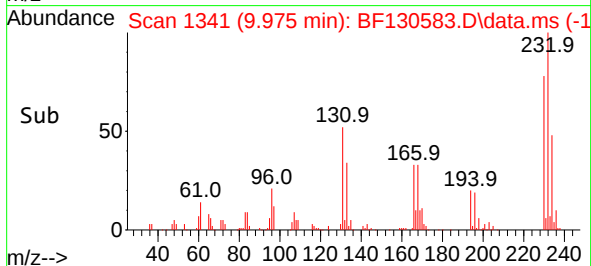
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



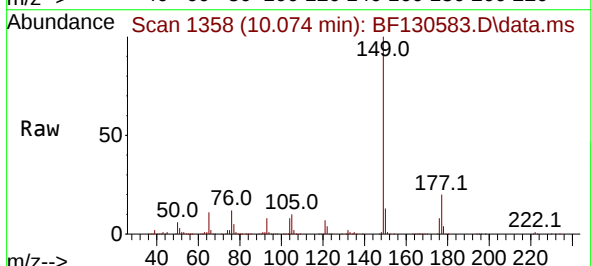
Tgt Ion:232 Resp: 88792
Ion Ratio Lower Upper
232 100
131 50.2 46.4 69.6
130 2.7 2.3 3.5
166 31.2 29.5 44.3

Manual Integrations
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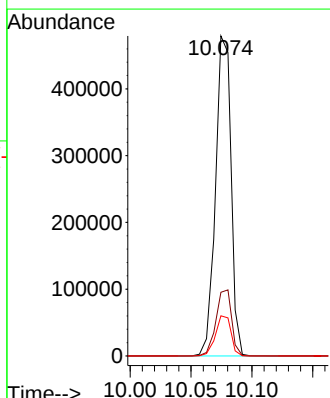
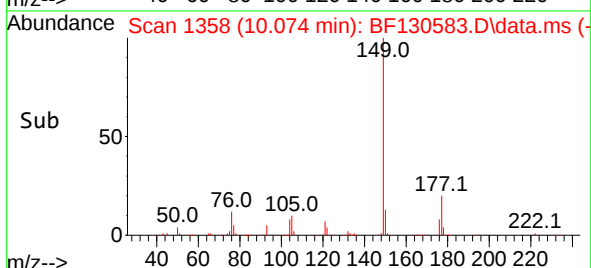
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

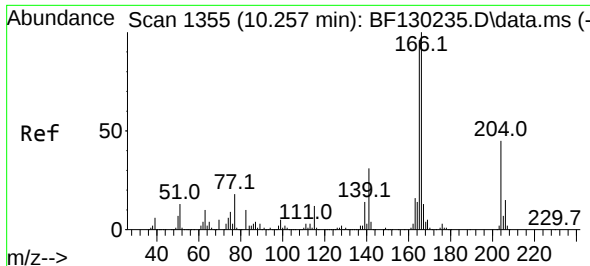


#60
Diethylphthalate
Concen: 44.267 ng
RT: 10.074 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43



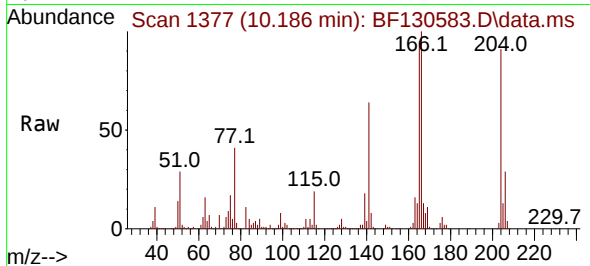
Tgt Ion:149 Resp: 426861
Ion Ratio Lower Upper
149 100
177 19.9 16.1 24.1
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 48.084 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

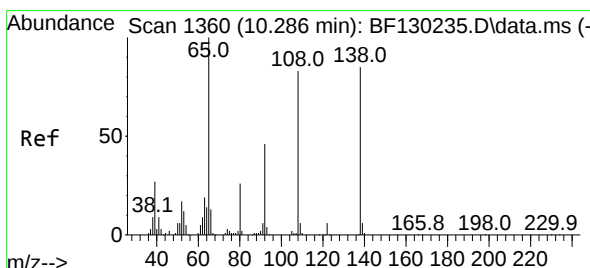
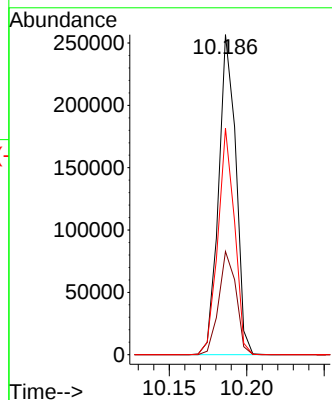
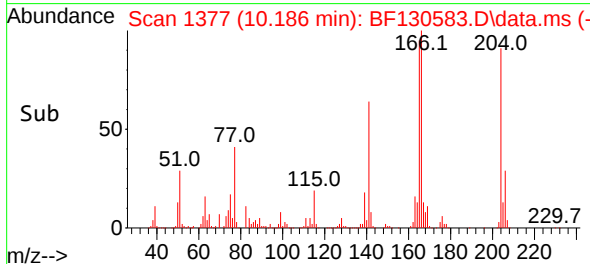
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:204 Resp: 198799
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 70.8 57.1 85.7

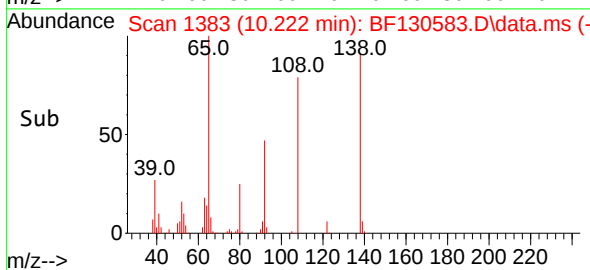
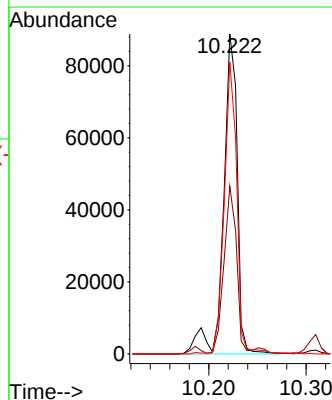
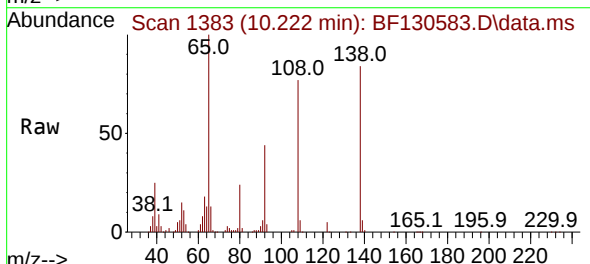
Manual Integrations
APPROVED

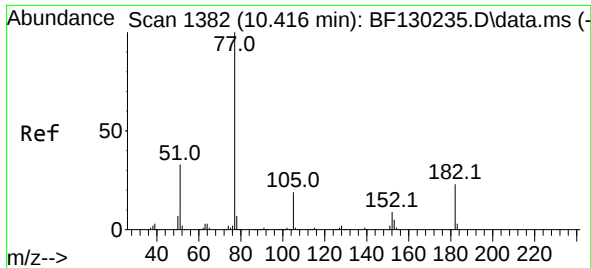
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#62
4-Nitroaniline
Concen: 38.815 ng m
RT: 10.222 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

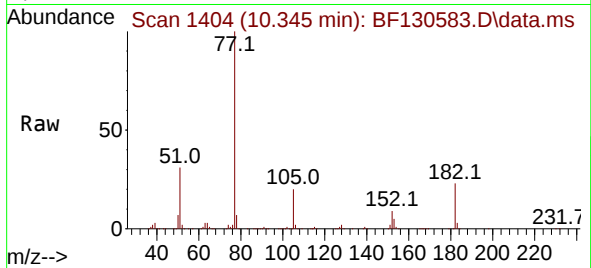
Tgt Ion:138 Resp: 87378
Ion Ratio Lower Upper
138 100
92 52.4 36.7 76.7
108 91.3 78.2 118.2





#63
Azobenzene
Concen: 40.085 ng
RT: 10.345 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

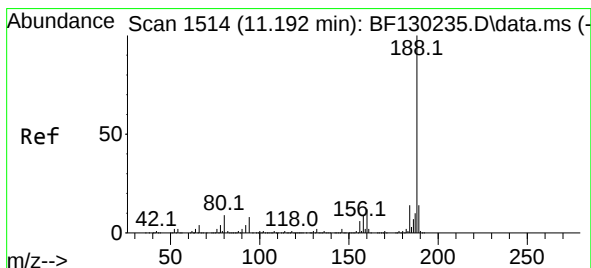
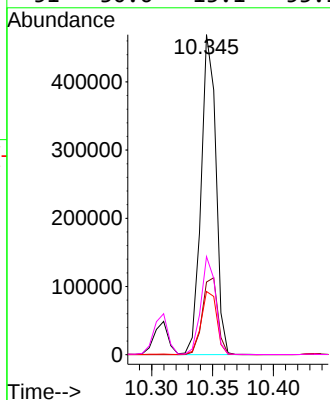
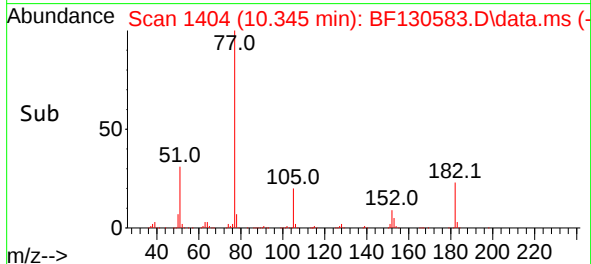
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



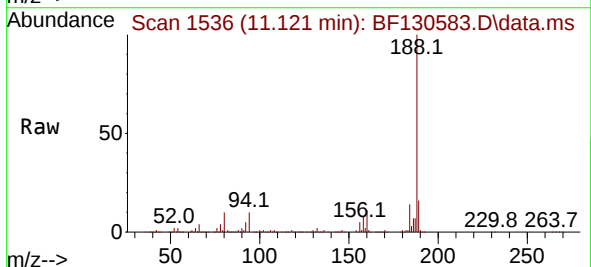
Tgt Ion: 77 Resp: 398018
Ion Ratio Lower Upper
77 100
182 22.7 2.1 42.1
105 19.8 0.0 39.4
51 30.6 13.1 53.1

Manual Integrations
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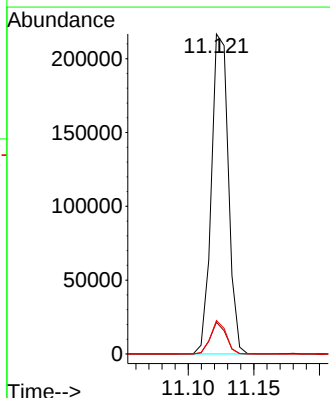
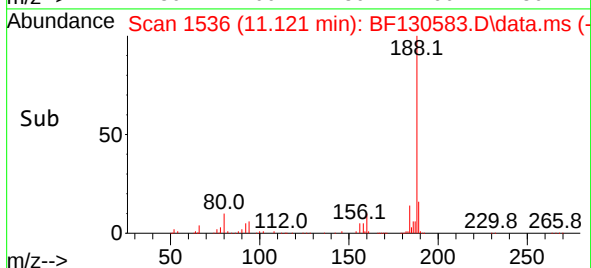
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

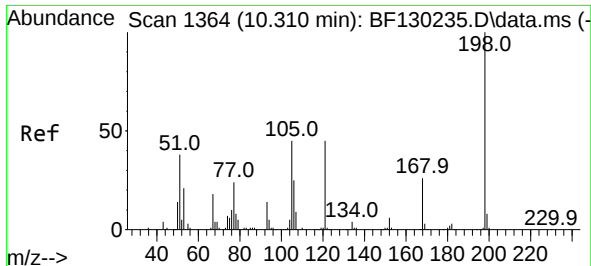


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.121 min Scan# 1536
Delta R.T. -0.012 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43



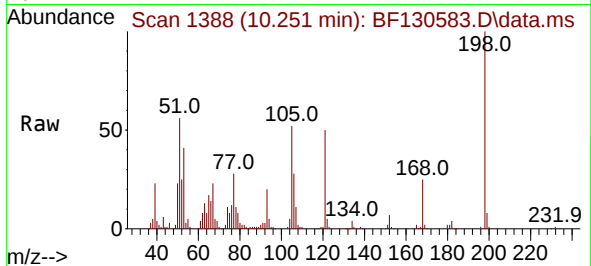
Tgt Ion:188 Resp: 195605
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.5 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 49.313 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

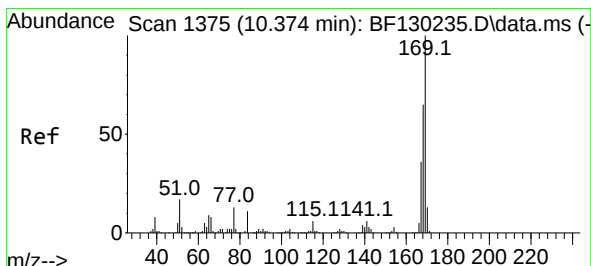
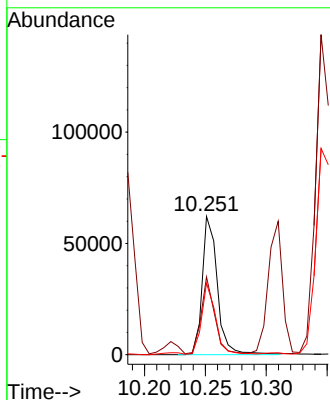
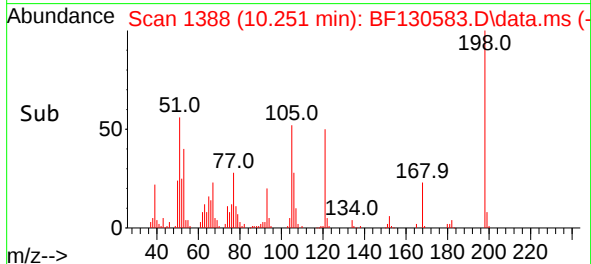
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:198 Resp: 5369
Ion Ratio Lower Upper
198 100
51 56.3 36.9 76.9
105 51.8 33.0 73.0

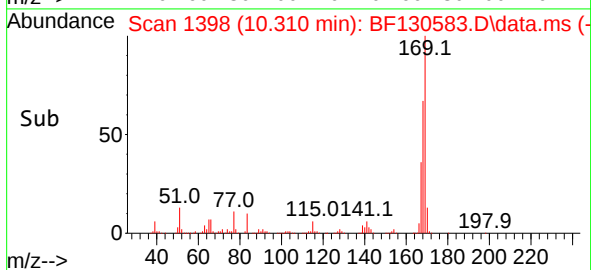
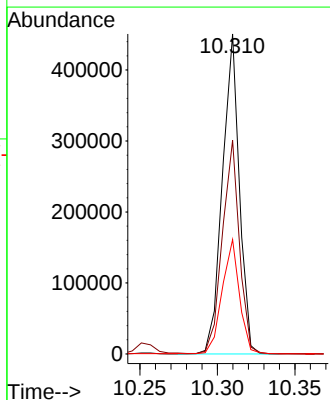
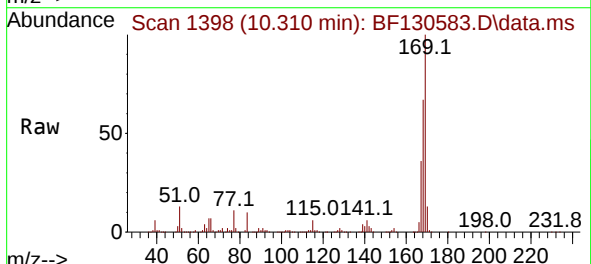
Manual Integrations
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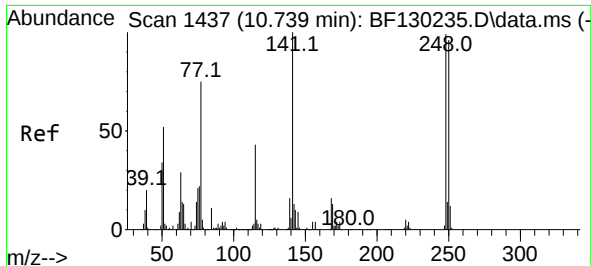
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#66
n-Nitrosodiphenylamine
Concen: 52.339 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

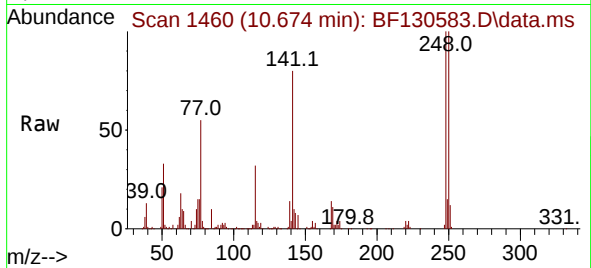
Tgt Ion:169 Resp: 342115
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 35.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 54.583 ng
RT: 10.674 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

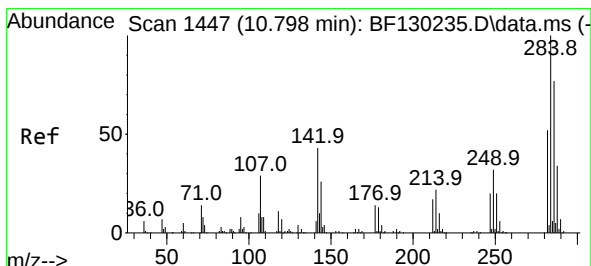
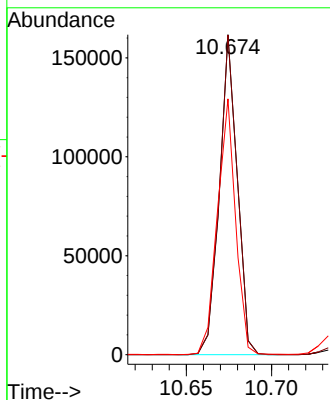
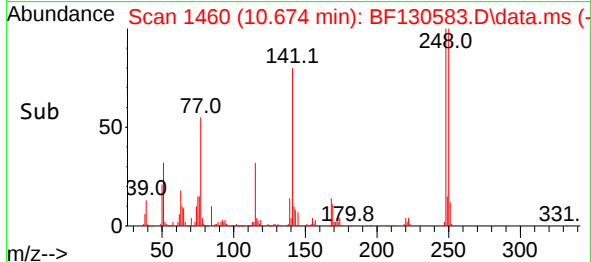
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



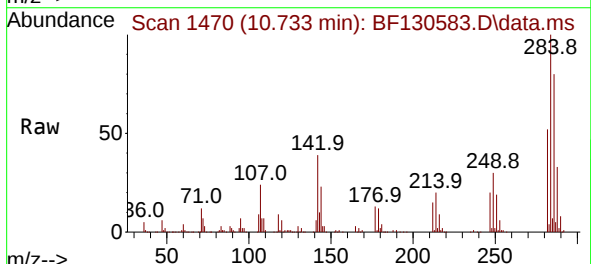
Tgt Ion:248 Resp: 11778
Ion Ratio Lower Upper
248 100
250 99.9 80.0 120.0
141 80.0 68.5 102.7

Manual Integrations
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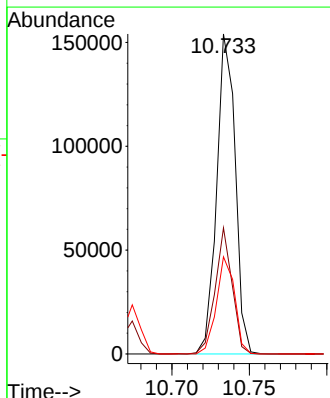
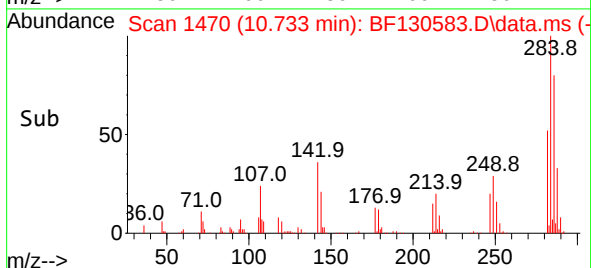
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

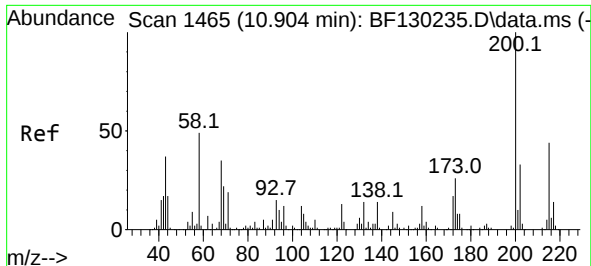


#68
Hexachlorobenzene
Concen: 52.344 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43



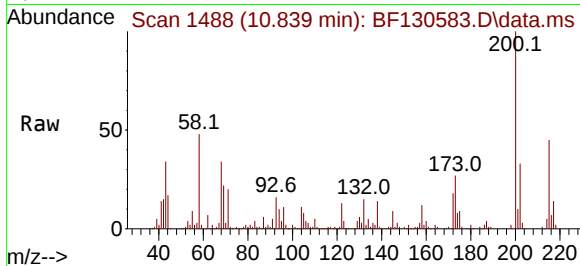
Tgt Ion:284 Resp: 128036
Ion Ratio Lower Upper
284 100
142 39.4 27.2 40.8
249 30.4 23.8 35.8





#69
 Atrazine
 Concen: 54.589 ng
 RT: 10.839 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF130583.D
 Acq: 07 Oct 2022 19:43

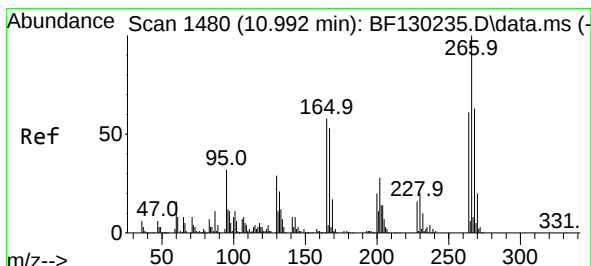
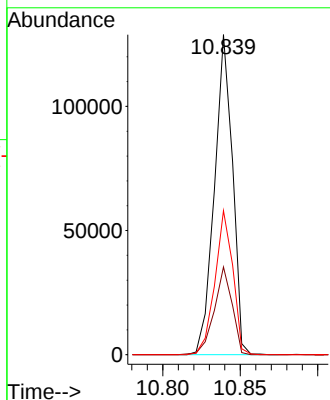
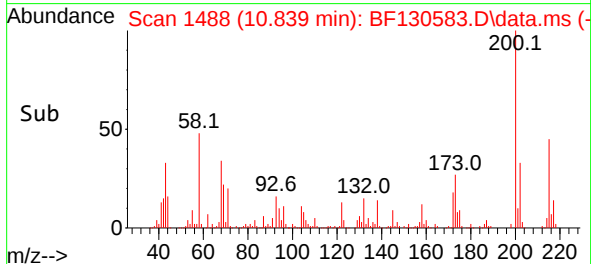
Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-3-(5-10)MSD



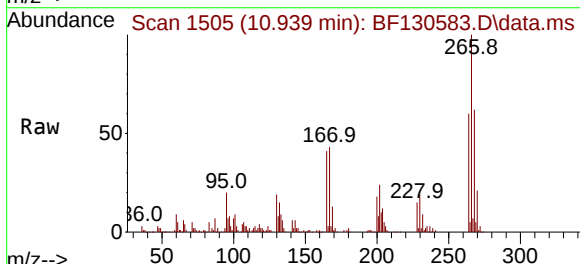
Tgt Ion:200 Resp: 10427
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.2 46.2
 215 45.0 22.5 62.5

Manual Integrations
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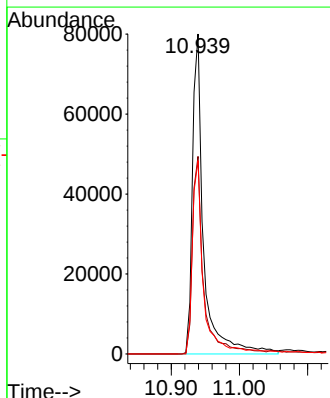
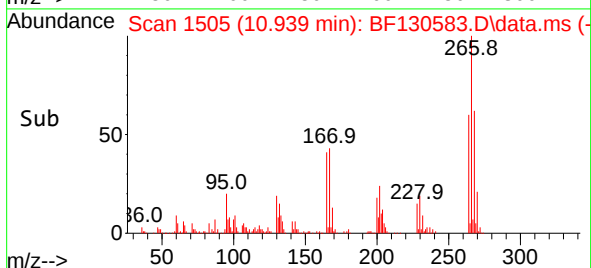
Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

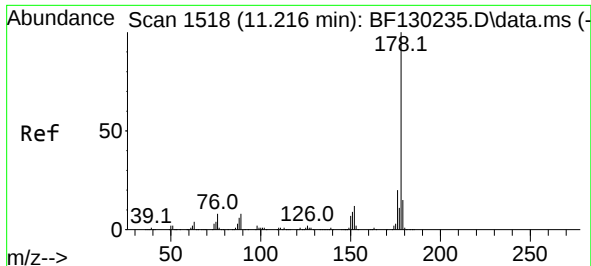


#70
 Pentachlorophenol
 Concen: 69.056 ng
 RT: 10.939 min Scan# 1505
 Delta R.T. -0.006 min
 Lab File: BF130583.D
 Acq: 07 Oct 2022 19:43



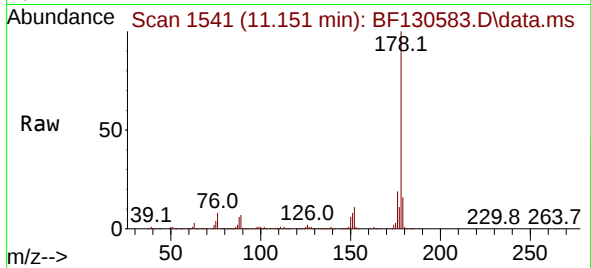
Tgt Ion:266 Resp: 90655
 Ion Ratio Lower Upper
 266 100
 268 61.7 50.5 75.7
 264 60.4 50.5 75.7





#71
Phenanthrene
Concen: 54.249 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

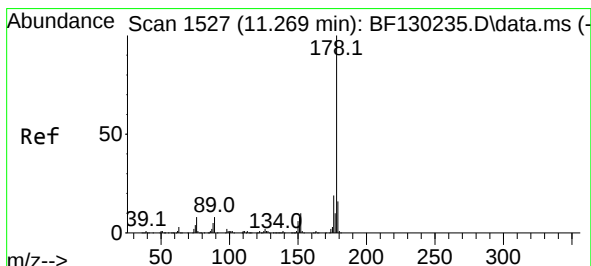
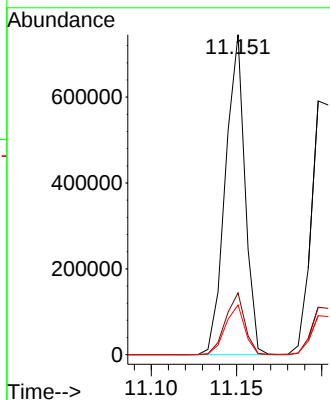
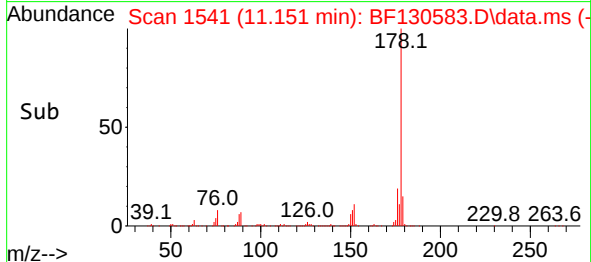
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:178 Resp: 595769
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.4 18.6

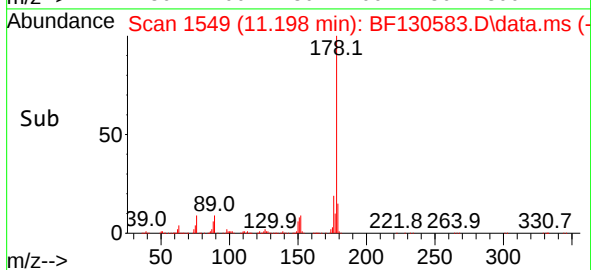
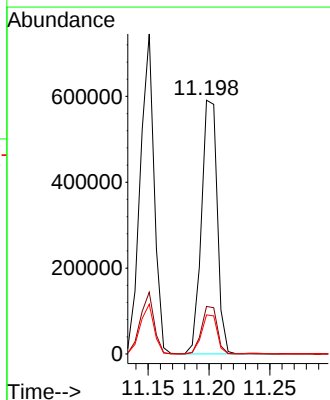
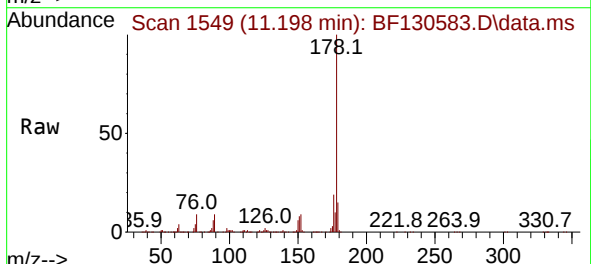
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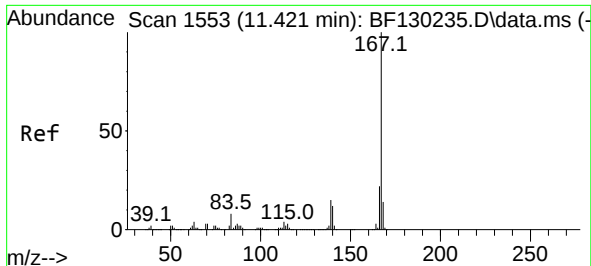
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#72
Anthracene
Concen: 50.140 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.012 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

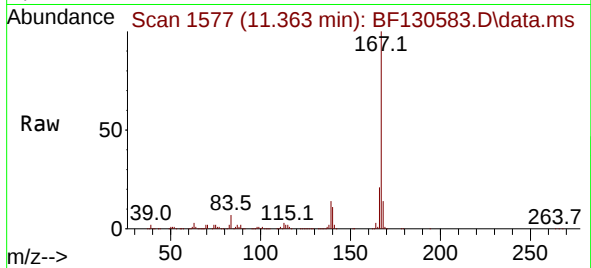
Tgt Ion:178 Resp: 531384
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.4 12.7 19.1





#73
 Carbazole
 Concen: 47.113 ng
 RT: 11.363 min Scan# 1553
 Delta R.T. -0.006 min
 Lab File: BF130583.D
 Acq: 07 Oct 2022 19:43

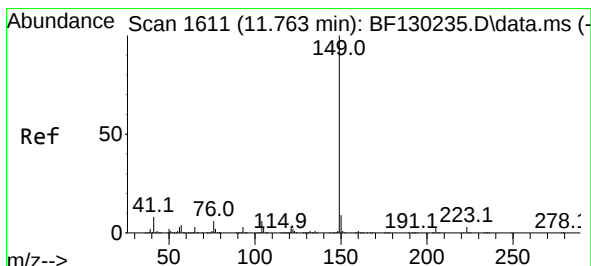
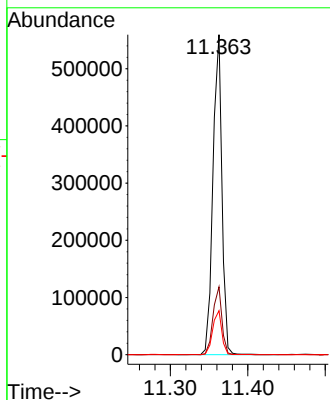
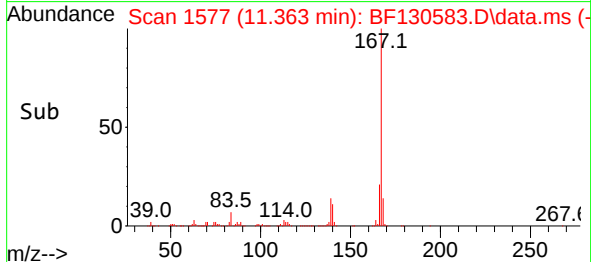
Instrument : BNA_F
 ClientSampleId : SASP2-T-3-(5-10)MSD



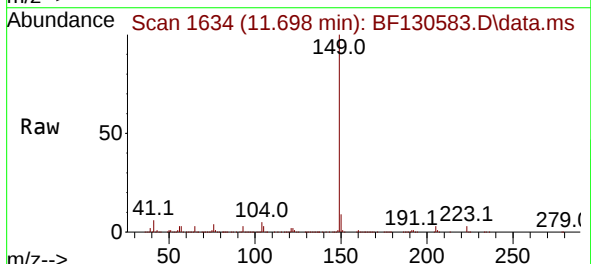
Tgt Ion:167 Resp: 450610
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.2
 139 13.7 11.6 17.4

Manual Integrations
 APPROVED

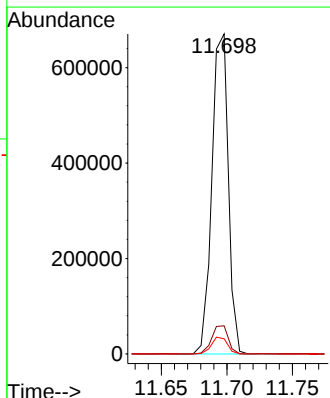
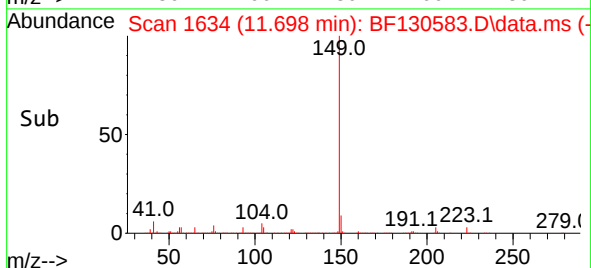
Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

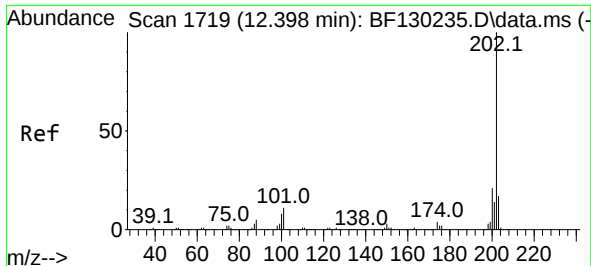


#74
 Di-n-butylphthalate
 Concen: 50.732 ng
 RT: 11.698 min Scan# 1634
 Delta R.T. -0.006 min
 Lab File: BF130583.D
 Acq: 07 Oct 2022 19:43



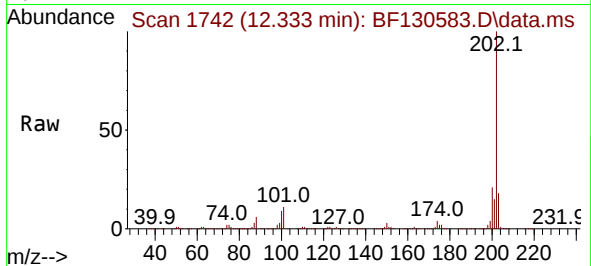
Tgt Ion:149 Resp: 585130
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.2
 104 4.7 4.8 7.2





#75
Fluoranthene
Concen: 69.192 ng
RT: 12.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

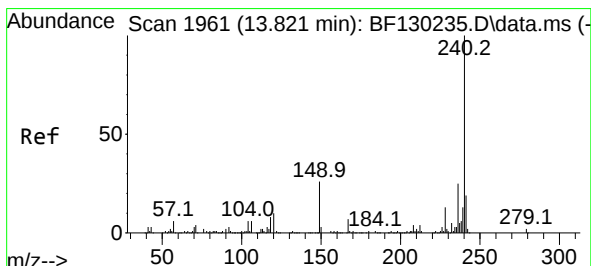
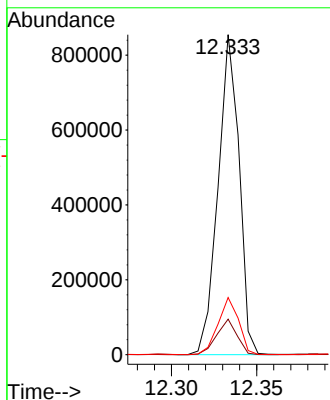
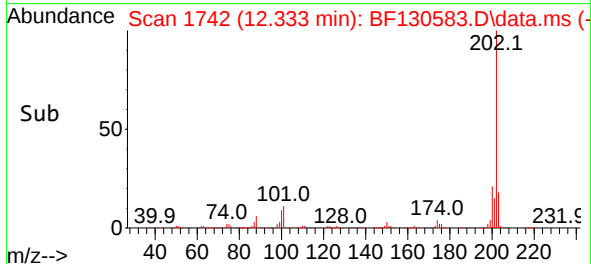
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:202 Resp: 73426
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.8
203 17.9 0.0 37.8

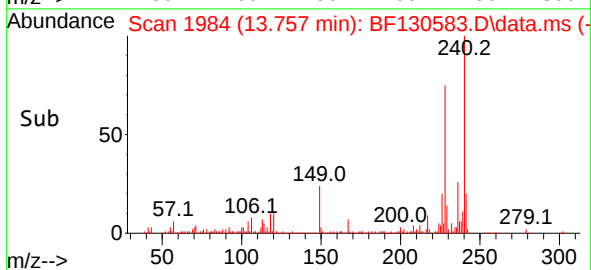
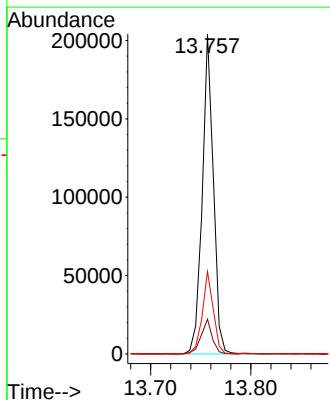
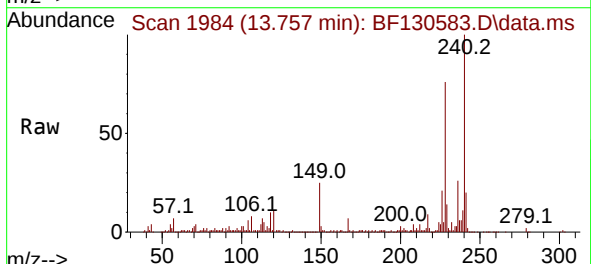
Manual Integrations
APPROVED

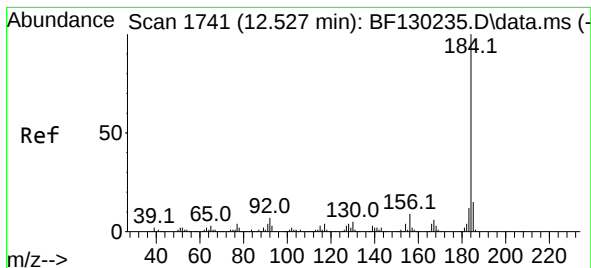
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

Tgt Ion:240 Resp: 158406
Ion Ratio Lower Upper
240 100
120 10.9 8.7 13.1
236 25.8 20.9 31.3





#77

Benzidine

Concen: 57.993 ng

RT: 12.463 min Scan# 1764

Delta R.T. -0.006 min

Lab File: BF130583.D

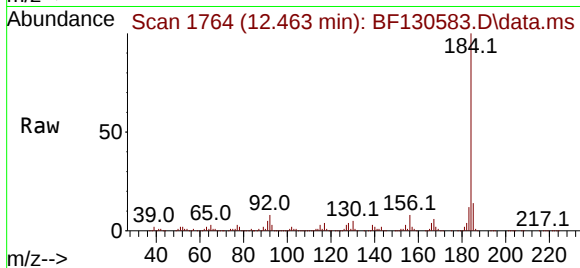
Acq: 07 Oct 2022 19:43

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-(5-10)MSD



Tgt Ion:184 Resp: 266674

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

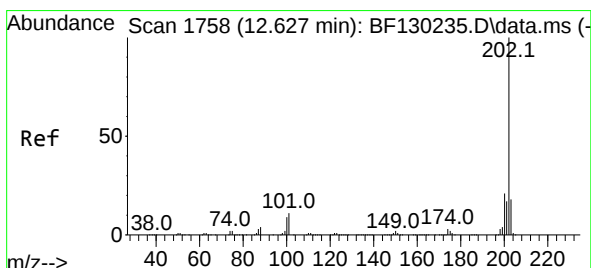
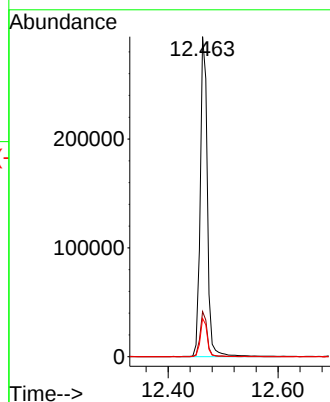
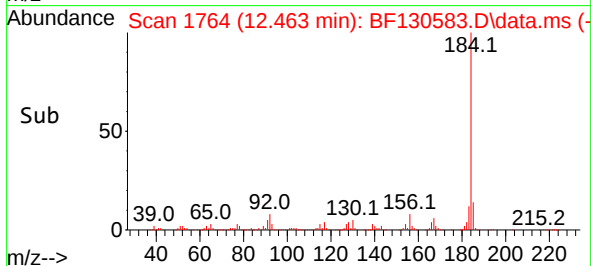
183 12.0 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#78

Pyrene

Concen: 49.286 ng

RT: 12.563 min Scan# 1781

Delta R.T. -0.000 min

Lab File: BF130583.D

Acq: 07 Oct 2022 19:43

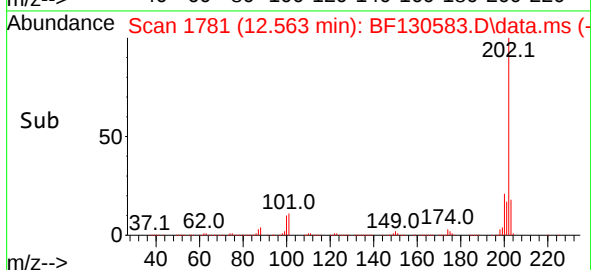
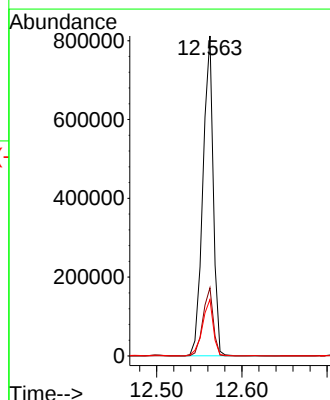
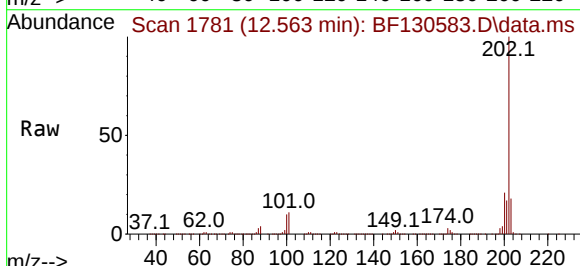
Tgt Ion:202 Resp: 682983

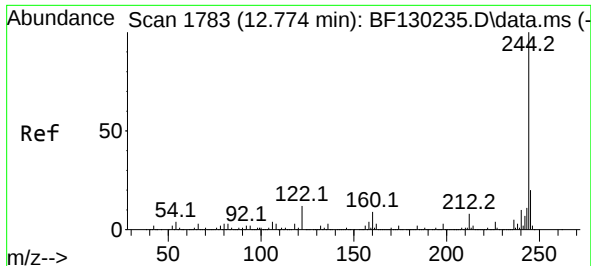
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

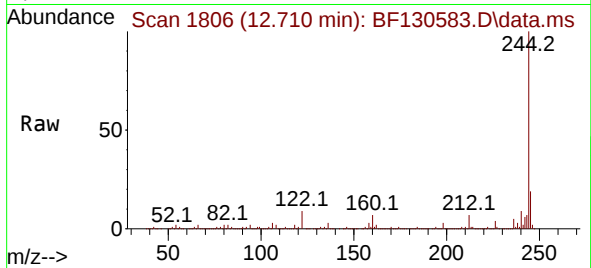
203 17.6 14.3 21.5





#79
Terphenyl-d14
Concen: 63.132 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

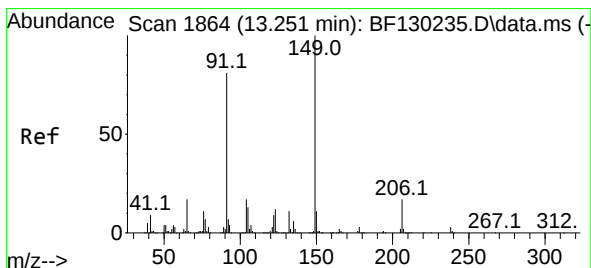
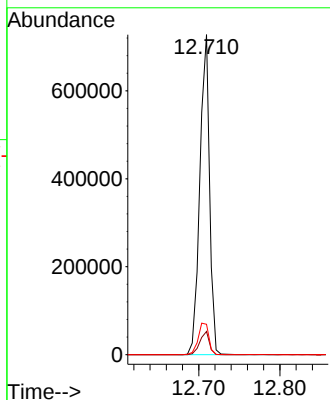
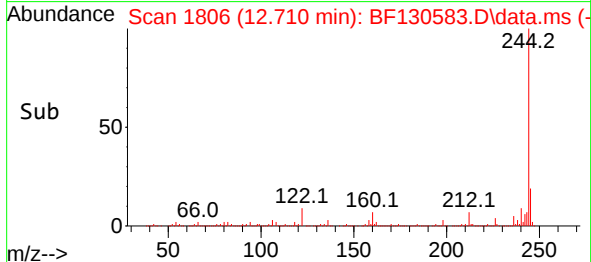
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:244 Resp: 603719
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.5 8.5 12.7

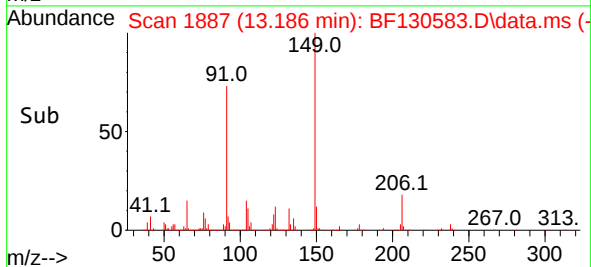
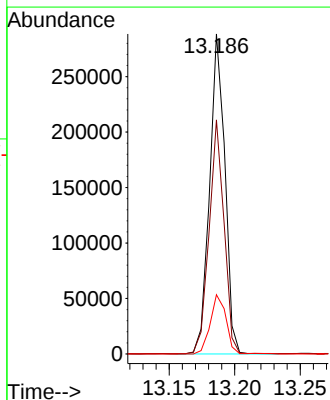
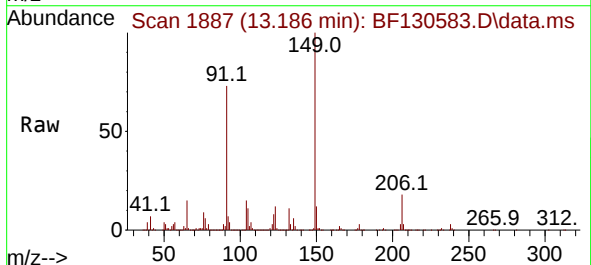
Manual Integrations
APPROVED

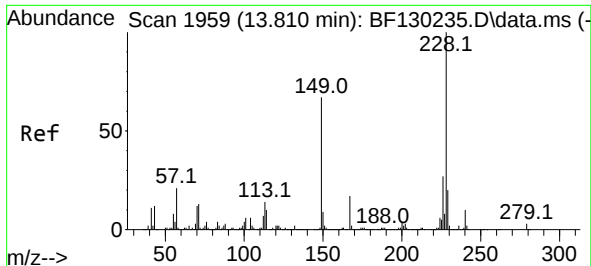
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#80
Butylbenzylphthalate
Concen: 45.675 ng
RT: 13.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

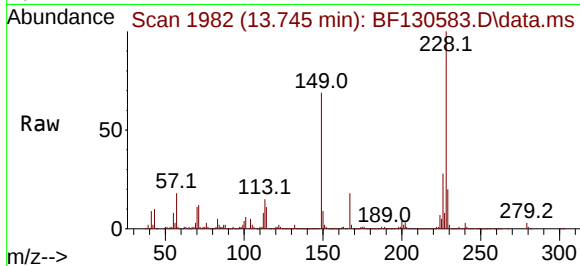
Tgt Ion:149 Resp: 234477
Ion Ratio Lower Upper
149 100
91 73.1 59.8 89.8
206 18.5 13.9 20.9





#81
Benzo(a)anthracene
Concen: 59.812 ng
RT: 13.745 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

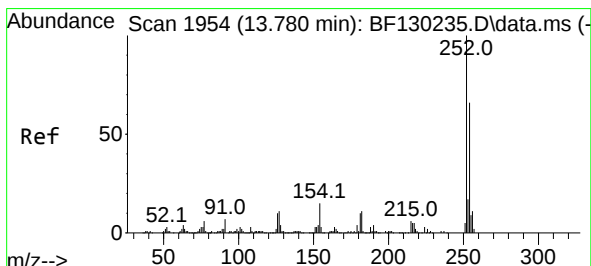
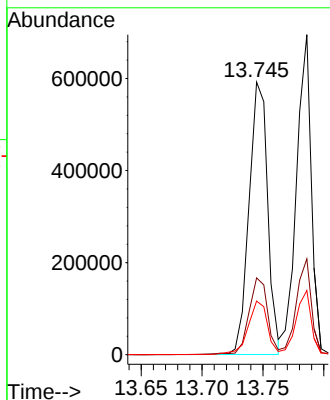
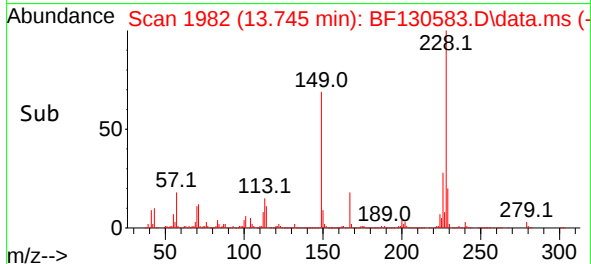
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



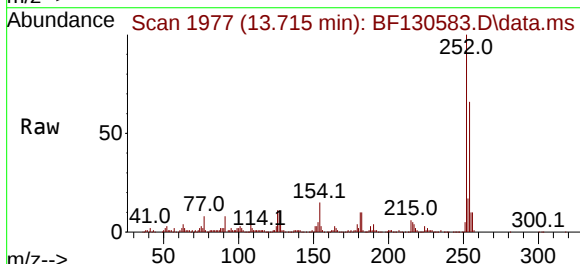
Tgt Ion:228 Resp: 630300
Ion Ratio Lower Upper
228 100
226 28.1 21.9 32.9
229 19.7 16.1 24.1

Manual Integrations
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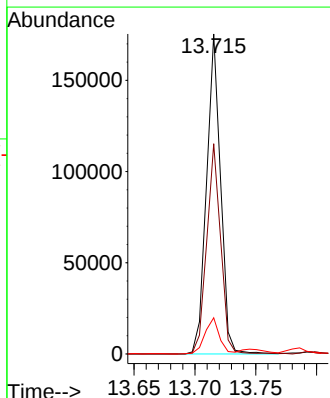
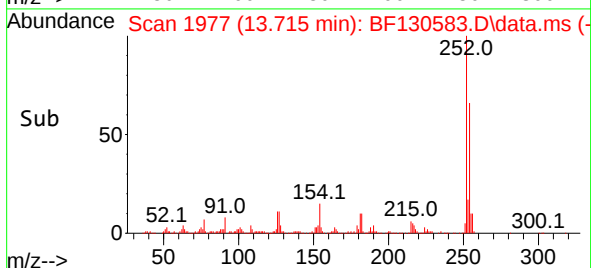
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

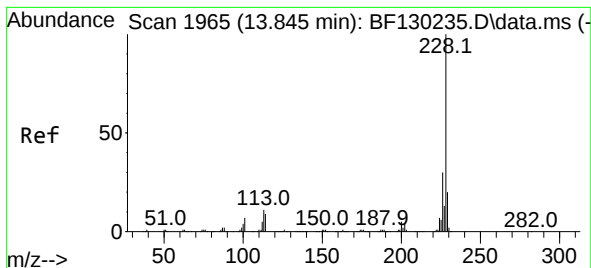


#82
3,3'-Dichlorobenzidine
Concen: 48.915 ng
RT: 13.715 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43



Tgt Ion:252 Resp: 140315
Ion Ratio Lower Upper
252 100
254 65.7 51.1 76.7
126 11.3 10.4 15.6





#83

Chrysene

Concen: 58.796 ng

RT: 13.786 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BF130583.D

Acq: 07 Oct 2022 19:43

Instrument :

BNA_F

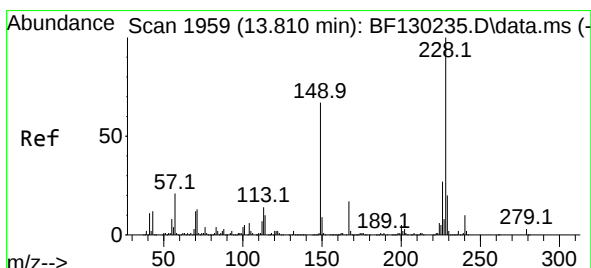
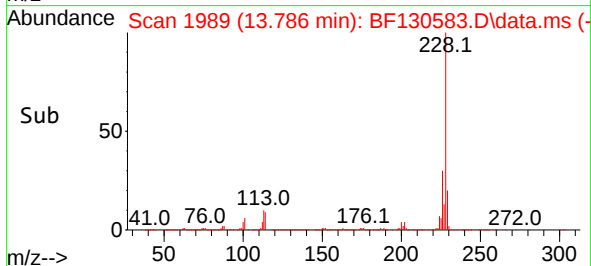
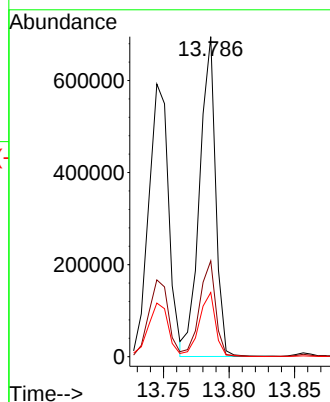
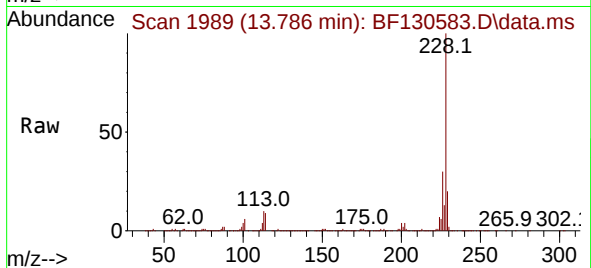
ClientSampleId :

SASP2-T-3-(5-10)MSD

Tgt Ion:228 Resp: 588304
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.8 35.8
 229 20.1 15.3 22.9

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.690 ng

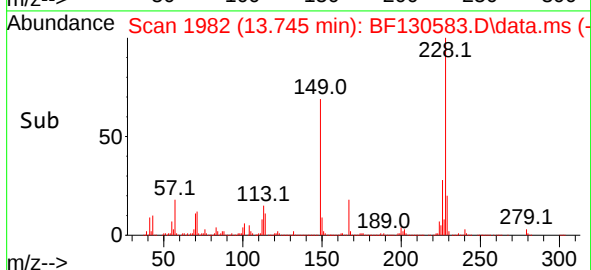
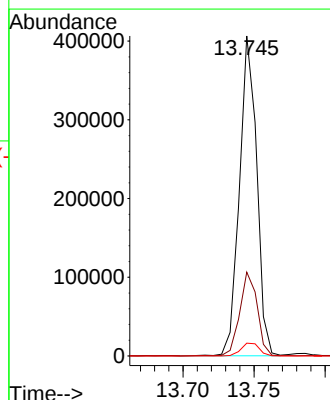
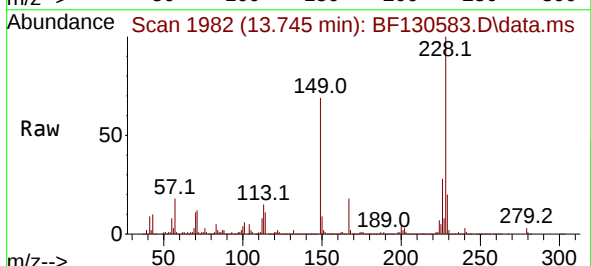
RT: 13.745 min Scan# 1982

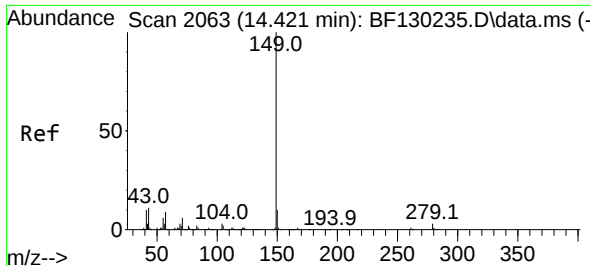
Delta R.T. -0.006 min

Lab File: BF130583.D

Acq: 07 Oct 2022 19:43

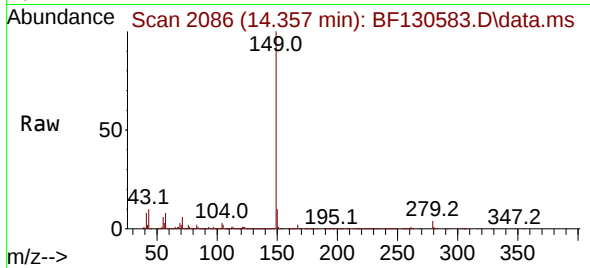
Tgt Ion:149 Resp: 345108
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.5 30.7
 279 4.0 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 68.564 ng
RT: 14.357 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

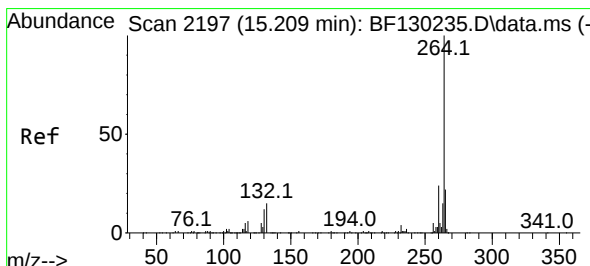
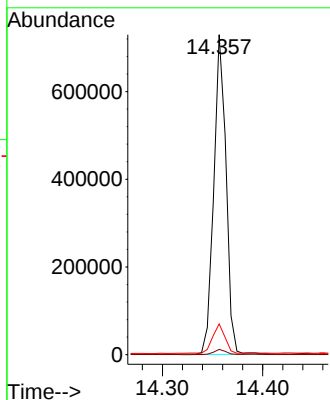
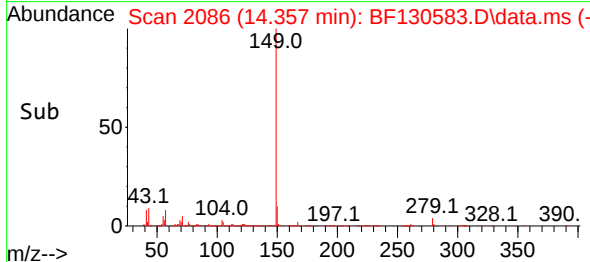
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:149 Resp: 616652
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.7 8.7 13.1

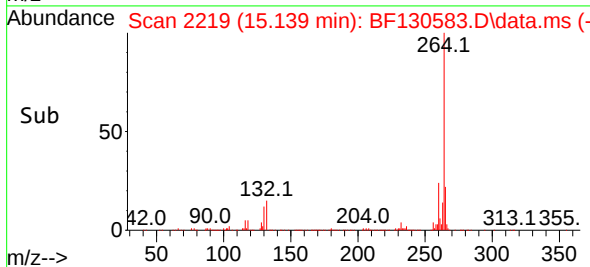
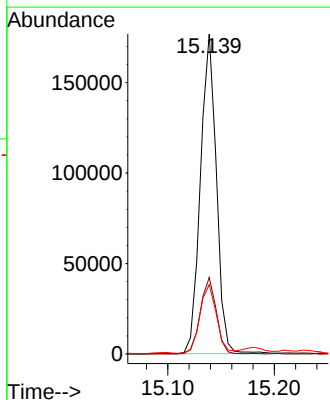
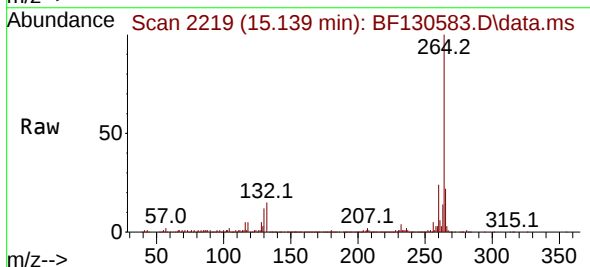
Manual Integrations
APPROVED

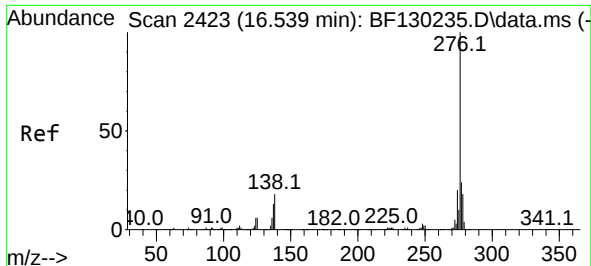
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

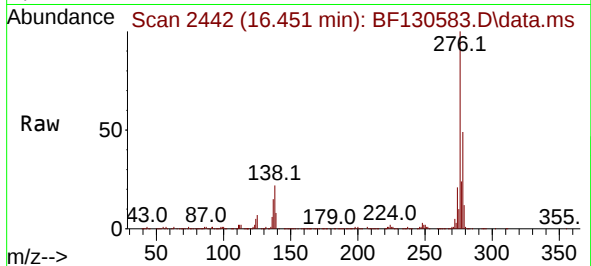
Tgt Ion:264 Resp: 184338
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.7 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.206 ng
 RT: 16.451 min Scan# 2423
 Delta R.T. -0.006 min
 Lab File: BF130583.D
 Acq: 07 Oct 2022 19:43

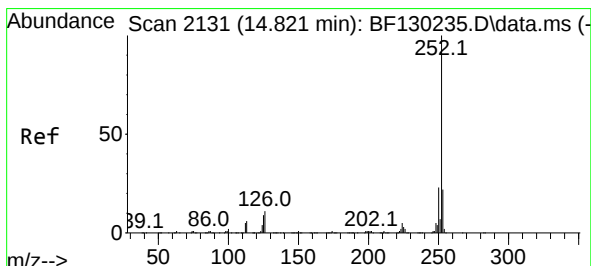
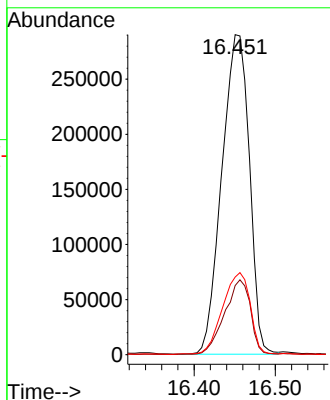
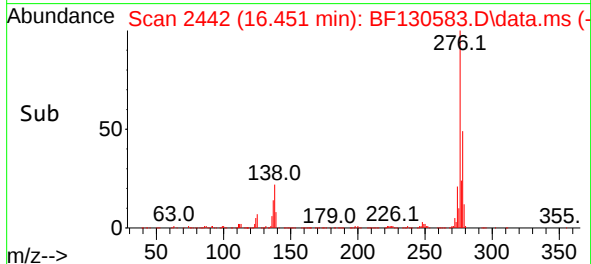
Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-3-(5-10)MSD



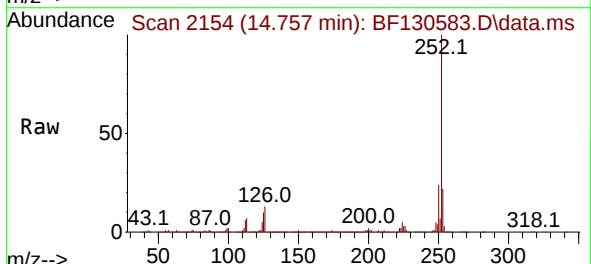
Tgt Ion:276 Resp: 682448
 Ion Ratio Lower Upper
 276 100
 138 21.9 18.5 27.7
 277 25.7 20.2 30.4

Manual Integrations
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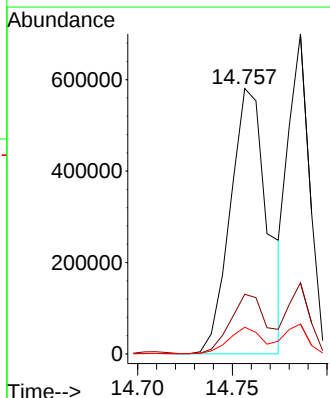
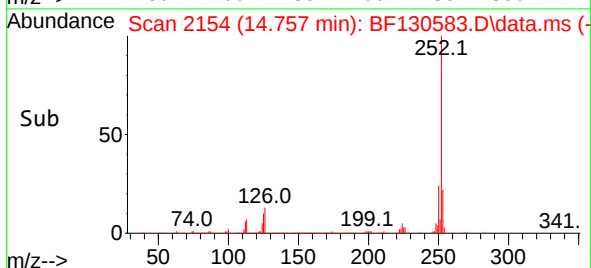
Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

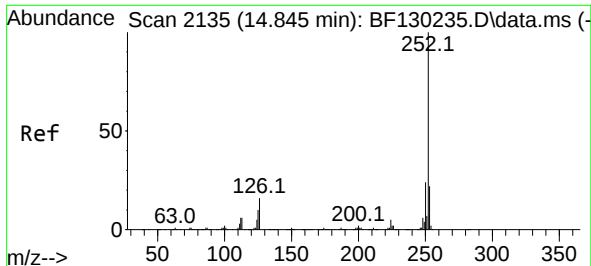


#88
 Benzo(b)fluoranthene
 Concen: 65.980 ng
 RT: 14.757 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: BF130583.D
 Acq: 07 Oct 2022 19:43



Tgt Ion:252 Resp: 793855
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.7 26.5
 125 10.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 46.119 ng

RT: 14.786 min Scan# 2110

Delta R.T. -0.000 min

Lab File: BF130583.D

Acq: 07 Oct 2022 19:43

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-(5-10)MSD

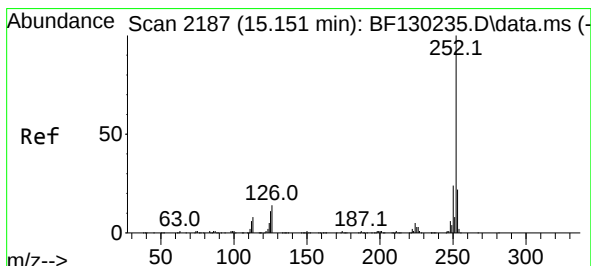
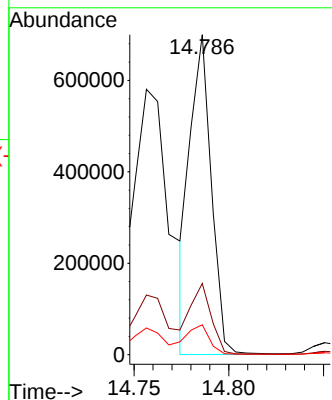
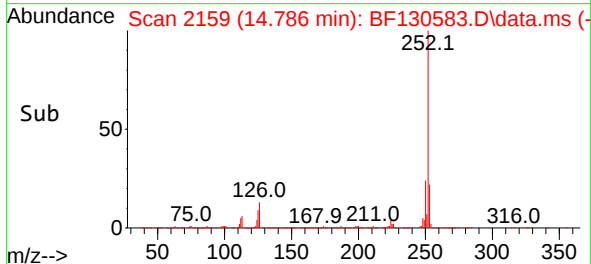
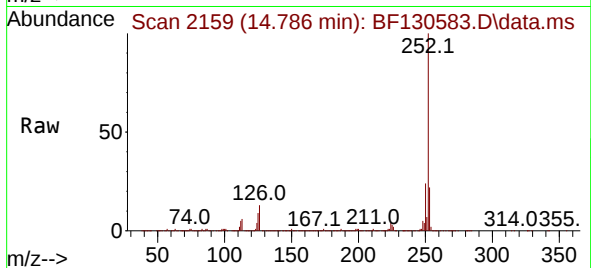
Tgt Ion:252 Resp: 545830
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.4 26.2
 125 9.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#90

Benzo(a)pyrene

Concen: 64.796 ng

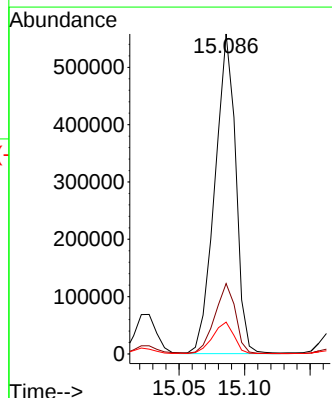
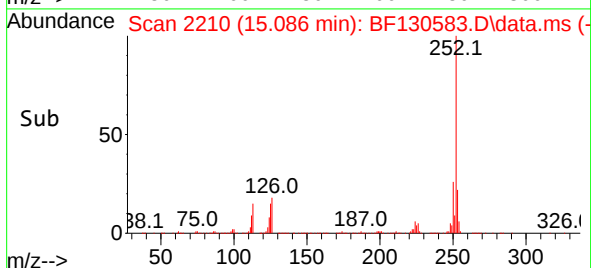
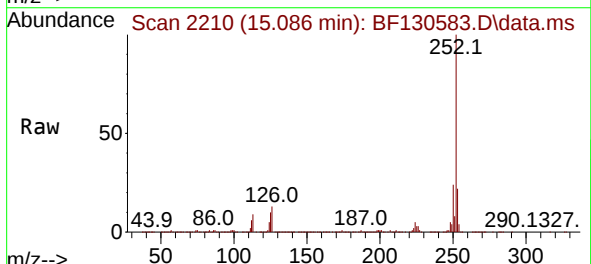
RT: 15.086 min Scan# 2210

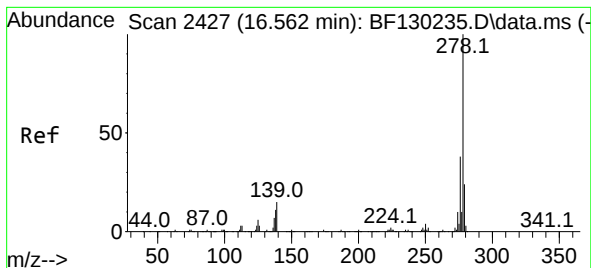
Delta R.T. -0.006 min

Lab File: BF130583.D

Acq: 07 Oct 2022 19:43

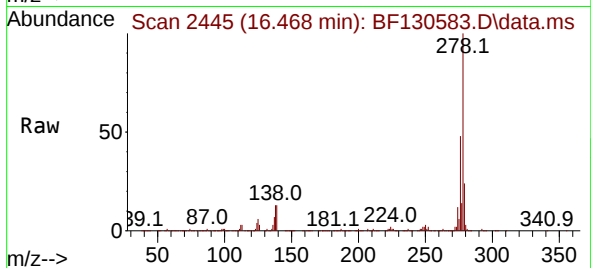
Tgt Ion:252 Resp: 617632
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.6
 125 9.9 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 51.876 ng
RT: 16.468 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

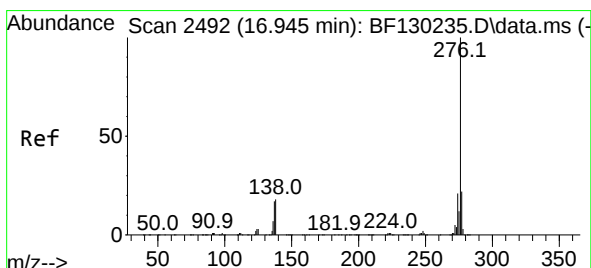
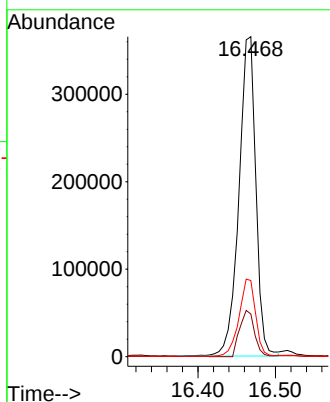
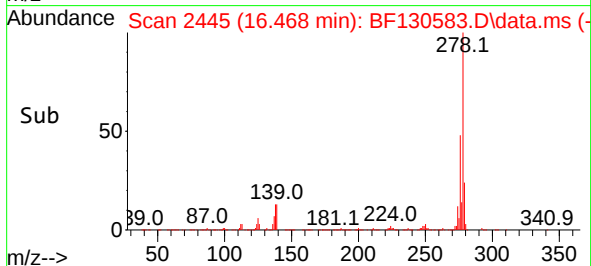
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:278 Resp: 556309
Ion Ratio Lower Upper
278 100
139 13.4 11.8 17.8
279 23.8 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#92
Benzo(g,h,i)perylene
Concen: 50.613 ng
RT: 16.845 min Scan# 2509
Delta R.T. -0.006 min
Lab File: BF130583.D
Acq: 07 Oct 2022 19:43

Tgt Ion:276 Resp: 546748
Ion Ratio Lower Upper
276 100
277 24.0 18.6 27.8
138 19.2 14.6 21.8

