

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130181.D
 Acq On : 08 Sep 2022 16:34
 Operator : CG\JU
 Sample : N4530-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMPMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/09/2022
 Supervised By : Jagrut Upadhyay 09/09/2022

Quant Time: Sep 09 01:05:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	188028	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	721301	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	337682	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	463636	20.000	ng	0.00
76) Chrysene-d12	13.839	240	295758	20.000	ng	0.00
86) Perylene-d12	15.233	264	401470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	962404	86.893	ng	0.00
7) Phenol-d6	6.334	99	1201829	87.037	ng	0.00
23) Nitrobenzene-d5	7.263	82	712884	63.516	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	265265	86.297	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	1251175	61.430	ng	0.00
79) Terphenyl-d14	12.786	244	881109	51.662	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.404	88	215966	41.724	ng	94
3) Pyridine	3.099	79	537097	38.696	ng	93
4) n-Nitrosodimethylamine	3.057	42	237104	43.438	ng	82
6) Aniline	6.363	93	653834	37.768	ng	# 50
8) 2-Chlorophenol	6.481	128	577283	47.487	ng	98
9) Benzaldehyde	6.245	77	273652	32.378	ng	97
10) Phenol	6.345	94	707392	45.323	ng	# 61
11) bis(2-Chloroethyl)ether	6.440	93	538700	45.426	ng	97
12) 1,3-Dichlorobenzene	6.640	146	611142	45.350	ng	96
13) 1,4-Dichlorobenzene	6.716	146	621573	45.789	ng	97
14) 1,2-Dichlorobenzene	6.869	146	589359	47.762	ng	97
15) Benzyl Alcohol	6.845	79	352825	37.909	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.981	45	699766	43.418	ng	# 54
17) 2-Methylphenol	6.957	107	439680	42.989	ng	# 87
18) Hexachloroethane	7.210	117	232310	47.392	ng	93
19) n-Nitroso-di-n-propyla...	7.116	70	359733	43.244	ng	92
20) 3+4-Methylphenols	7.110	107	520450	43.393	ng	# 68
22) Acetophenone	7.110	105	734279	45.565	ng	# 96
24) Nitrobenzene	7.281	77	566745	47.480	ng	99
25) Isophorone	7.522	82	1025980	45.164	ng	99
26) 2-Nitrophenol	7.598	139	290224	51.484	ng	94
27) 2,4-Dimethylphenol	7.639	122	496196	52.056	ng	96
28) bis(2-Chloroethoxy)met...	7.739	93	657611	48.191	ng	98
29) 2,4-Dichlorophenol	7.839	162	455874	44.712	ng	97
30) 1,2,4-Trichlorobenzene	7.922	180	477135	44.382	ng	98
31) Naphthalene	7.998	128	1587890	43.648	ng	99
32) Benzoic acid	7.728	122	128614	20.835	ng	97
33) 4-Chloroaniline	8.051	127	360923	24.557	ng	98
34) Hexachlorobutadiene	8.116	225	280864	45.617	ng	99
35) Caprolactam	8.416	113	109488m	34.653	ng	
36) 4-Chloro-3-methylphenol	8.534	107	453944	43.999	ng	95
37) 2-Methylnaphthalene	8.692	142	1019508	43.505	ng	97
38) 1-Methylnaphthalene	8.786	142	965257	42.377	ng	99
40) 1,2,4,5-Tetrachloroben...	8.857	216	431680	49.024	ng	98
41) Hexachlorocyclopentadiene	8.845	237	565904	122.974	ng	98
43) 2,4,6-Trichlorophenol	8.969	196	288519	45.904	ng	99

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Quant Time: Sep 09 01:05:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

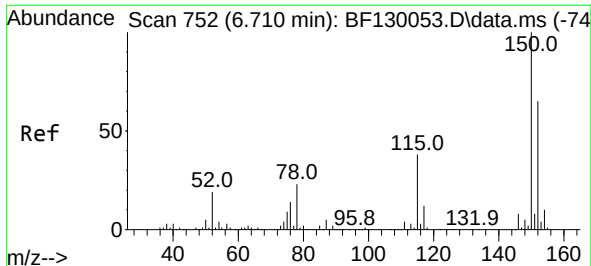
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.004	196	313806	46.063	ng	95
46) 1,1'-Biphenyl	9.157	154	1190964	48.546	ng	100
47) 2-Chloronaphthalene	9.175	162	935427	47.588	ng	99
48) 2-Nitroaniline	9.275	65	249097	51.425	ng	90
49) Acenaphthylene	9.592	152	1373130	46.002	ng	99
50) Dimethylphthalate	9.457	163	995855	43.298	ng	99
51) 2,6-Dinitrotoluene	9.516	165	217307	48.459	ng	99
52) Acenaphthene	9.763	154	908129m	48.275	ng	
53) 3-Nitroaniline	9.680	138	152696	29.666	ng	100
54) 2,4-Dinitrophenol	9.786	184	156914	77.370	ng	97
55) Dibenzofuran	9.933	168	1208550	44.866	ng	99
56) 4-Nitrophenol	9.845	139	317670	80.053	ng	91
57) 2,4-Dinitrotoluene	9.916	165	265386	51.402	ng	# 87
58) Fluorene	10.275	166	881202	42.994	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.051	232	211136	39.903	ng	# 80
60) Diethylphthalate	10.157	149	913453	41.052	ng	99
61) 4-Chlorophenyl-phenyle...	10.269	204	410245	45.279	ng	98
62) 4-Nitroaniline	10.298	138	201373	40.228	ng	92
63) Azobenzene	10.428	77	893874	40.801	ng	96
65) 4,6-Dinitro-2-methylph...	10.322	198	107492	49.089	ng	84
66) n-Nitrosodiphenylamine	10.392	169	779820	50.314	ng	98
67) 4-Bromophenyl-phenylether	10.757	248	262640	50.928	ng	98
68) Hexachlorobenzene	10.816	284	283424	50.438	ng	96
69) Atrazine	10.916	200	212041	48.359	ng	98
70) Pentachlorophenol	11.010	266	262620	83.578	ng	98
71) Phenanthrene	11.233	178	1138926	45.297	ng	99
72) Anthracene	11.286	178	1169285	47.306	ng	99
73) Carbazole	11.439	167	985674	43.244	ng	100
74) Di-n-butylphthalate	11.774	149	1220067	44.390	ng	99
75) Fluoranthene	12.416	202	1026379	41.165	ng	99
77) Benzidine	12.545	184	605041	75.771	ng	99
78) Pyrene	12.639	202	1017138	38.342	ng	100
80) Butylbenzylphthalate	13.268	149	461767	43.763	ng	99
81) Benzo(a)anthracene	13.827	228	906577	44.728	ng	99
82) 3,3'-Dichlorobenzidine	13.798	252	232481	36.781	ng	99
83) Chrysene	13.863	228	893339	44.705	ng	100
84) Bis(2-ethylhexyl)phtha...	13.827	149	623696	47.554	ng	# 98
85) Di-n-octyl phthalate	14.439	149	1261829	60.906	ng	97
87) Indeno(1,2,3-cd)pyrene	16.580	276	1430699	54.024	ng	97
88) Benzo(b)fluoranthene	14.839	252	1218059	45.496	ng	98
89) Benzo(k)fluoranthene	14.868	252	1040170	40.172	ng	98
90) Benzo(a)pyrene	15.180	252	1054486	49.567	ng	99
91) Dibenzo(a,h)anthracene	16.604	278	1223629	56.467	ng	97
92) Benzo(g,h,i)perylene	16.992	276	1245528	57.448	ng	# 94

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

Manual Integrations APPROVED

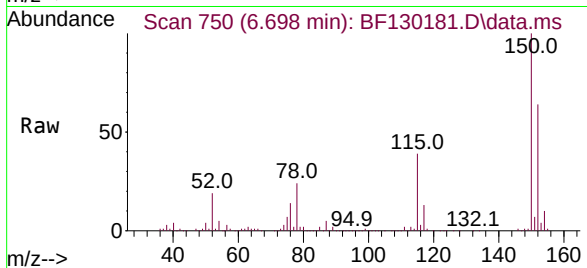
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

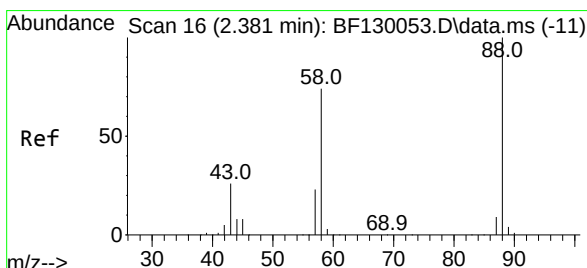
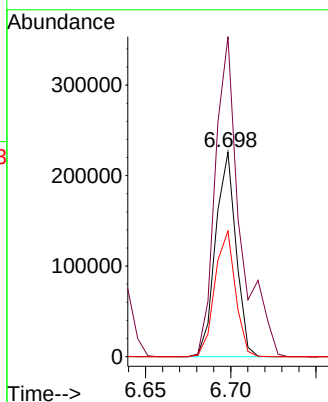
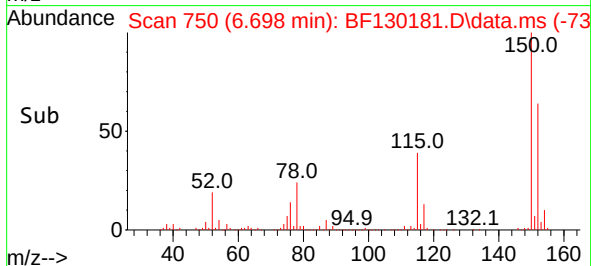
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion:152 Resp: 188028
Ion Ratio Lower Upper
152 100
150 156.6 126.9 190.3
115 61.5 53.4 80.0

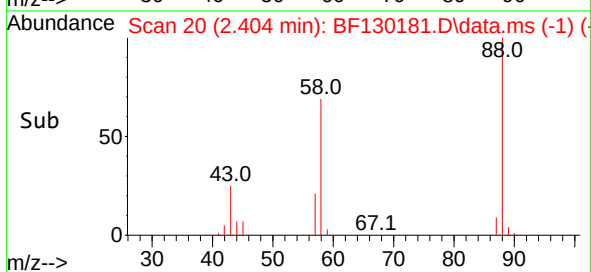
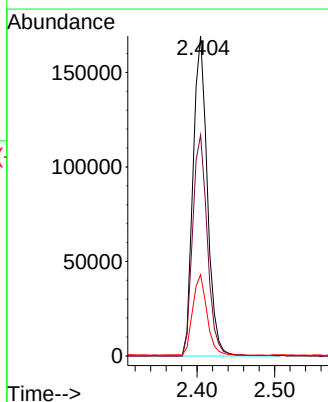
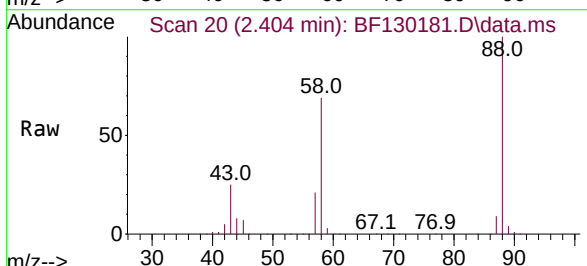
Manual Integrations
APPROVED

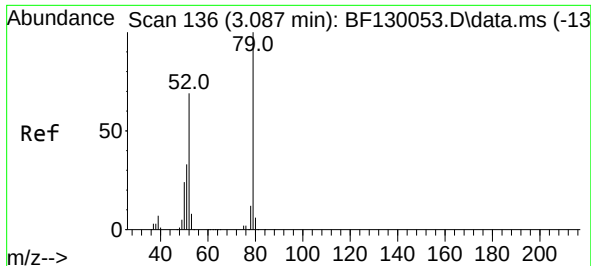
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#2
1,4-Dioxane
Concen: 41.724 ng
RT: 2.404 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

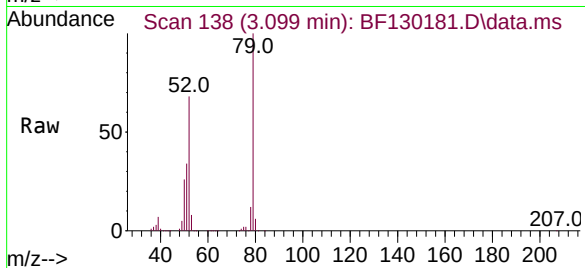
Tgt Ion: 88 Resp: 215966
Ion Ratio Lower Upper
88 100
58 71.1 60.9 91.3
43 25.1 23.6 35.4





#3
Pyridine
Concen: 38.696 ng
RT: 3.099 min Scan# 131
Delta R.T. 0.059 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

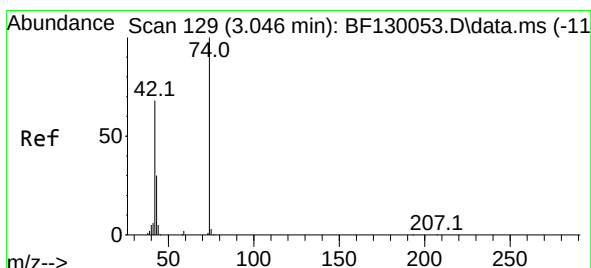
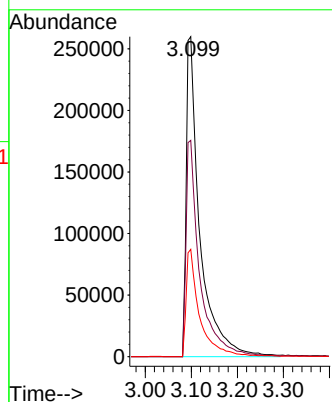
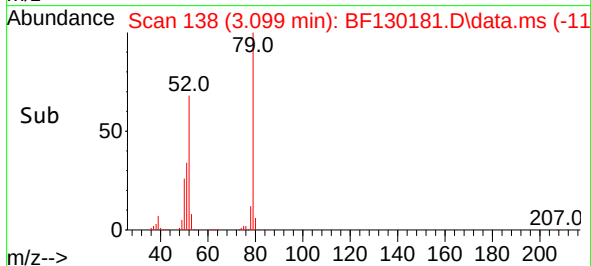
Instrument :
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ClientSampleId :
SB-20-COMPMSD



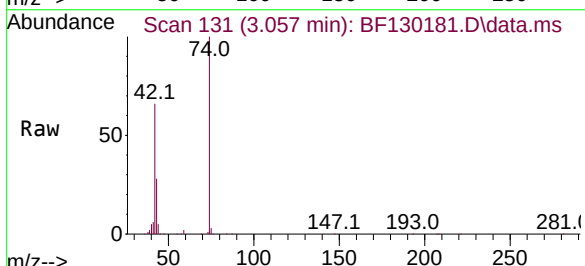
Tgt Ion: 79 Resp: 537092
Ion Ratio Lower Upper
79 100
52 67.6 59.4 89.2
51 33.5 29.5 44.3

Manual Integrations
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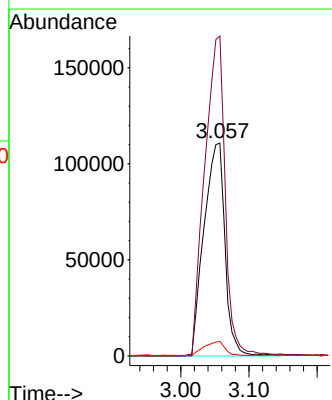
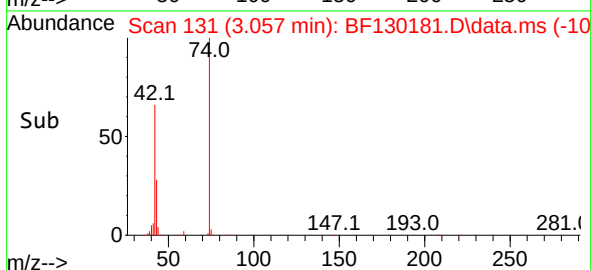
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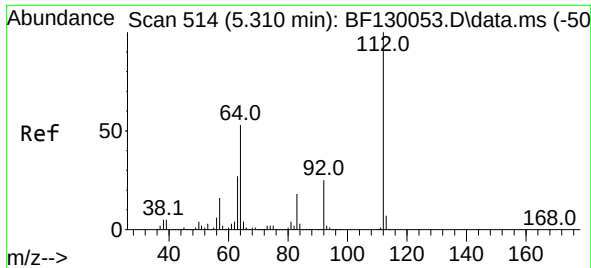


#4
n-Nitrosodimethylamine
Concen: 43.438 ng
RT: 3.057 min Scan# 131
Delta R.T. 0.059 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



Tgt Ion: 42 Resp: 237104
Ion Ratio Lower Upper
42 100
74 150.4 103.1 154.7
44 6.8 5.4 8.2





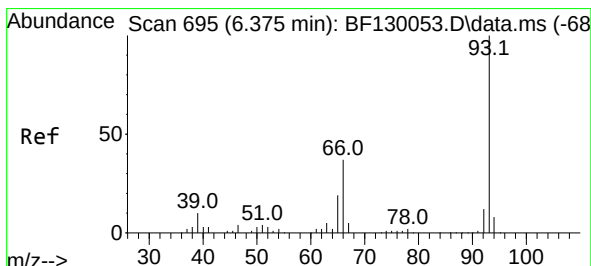
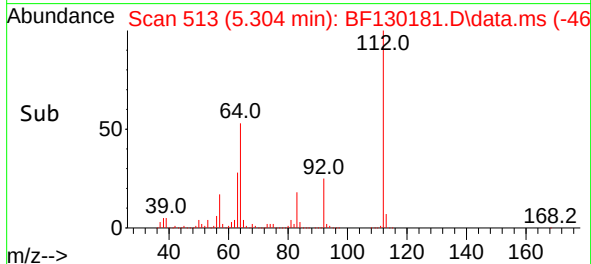
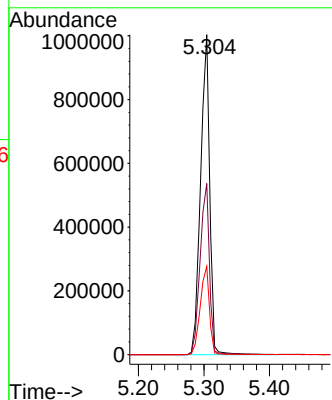
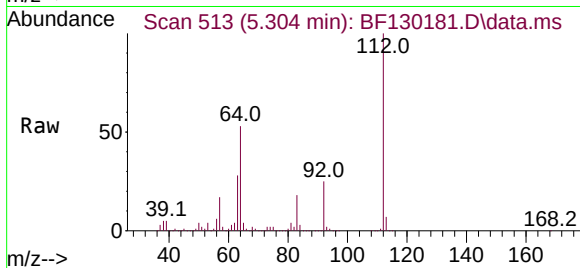
#5
2-Fluorophenol
Concen: 86.893 ng
RT: 5.304 min Scan# 514
Delta R.T. 0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

Instrument :
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Tgt Ion:112 Resp: 962404
Ion Ratio Lower Upper
112 100
64 53.5 47.6 71.4
63 27.6 24.6 37.0

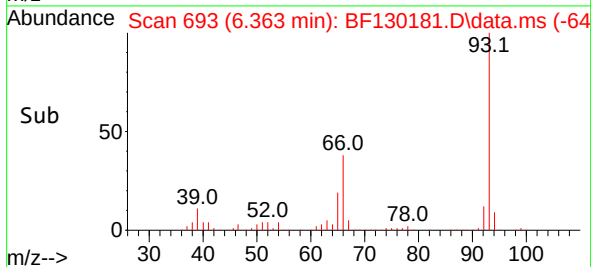
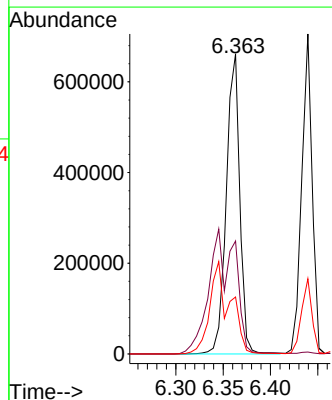
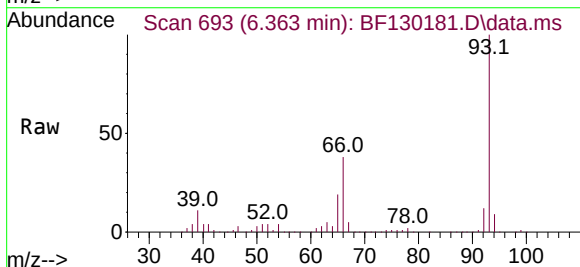
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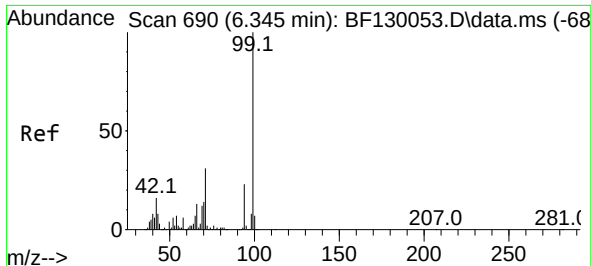
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#6
Aniline
Concen: 37.768 ng
RT: 6.363 min Scan# 693
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

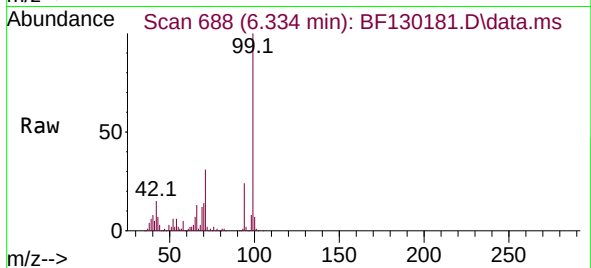
Tgt Ion: 93 Resp: 653834
Ion Ratio Lower Upper
93 100
66 37.6 68.7 103.1#
65 19.0 41.6 62.4#





#7
Phenol-d6
Concen: 87.037 ng
RT: 6.334 min Scan# 688
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

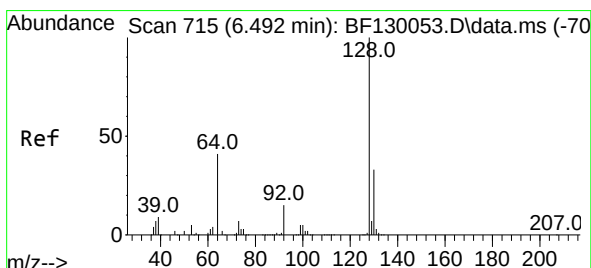
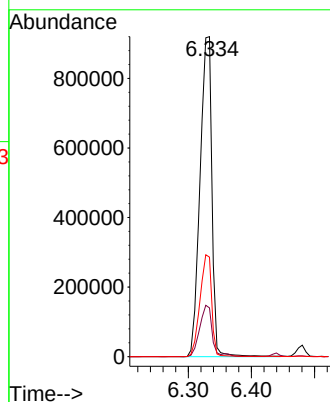
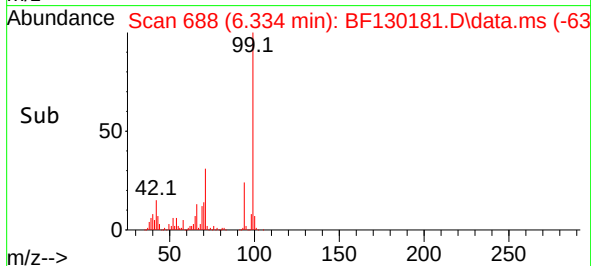
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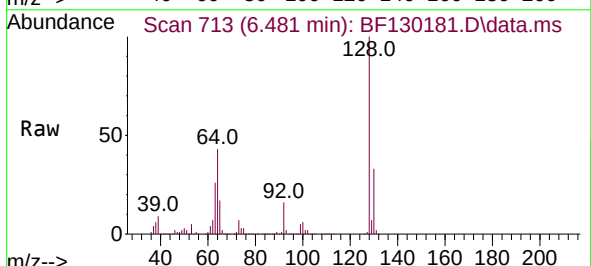
Tgt Ion: 99 Resp: 1201829
Ion Ratio Lower Upper
99 100
42 15.2 15.0 22.4
71 31.1 28.8 43.2

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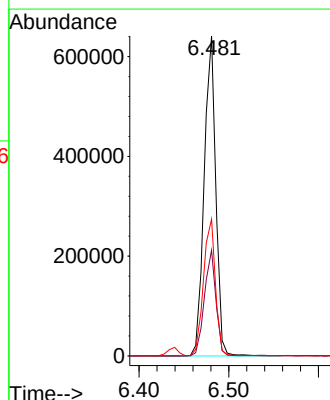
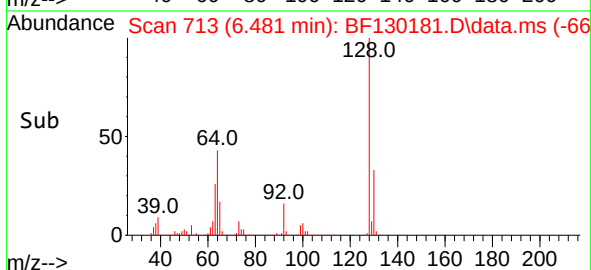
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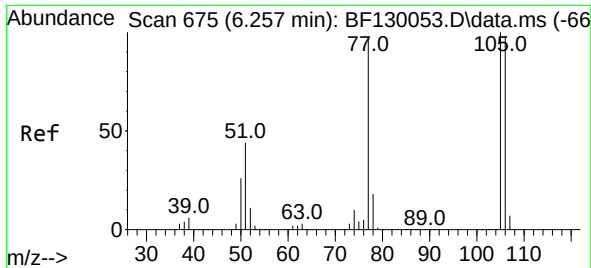


#8
2-Chlorophenol
Concen: 47.487 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



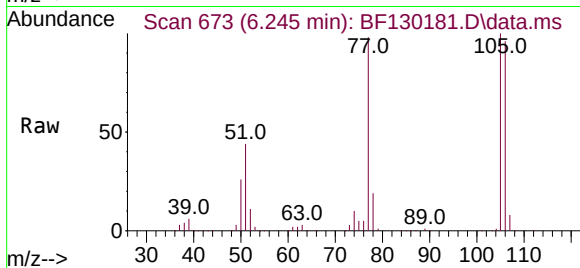
Tgt Ion:128 Resp: 577283
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 42.7 24.9 64.9





#9
Benzaldehyde
Concen: 32.378 ng
RT: 6.245 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

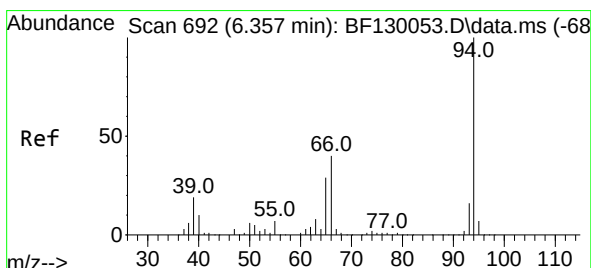
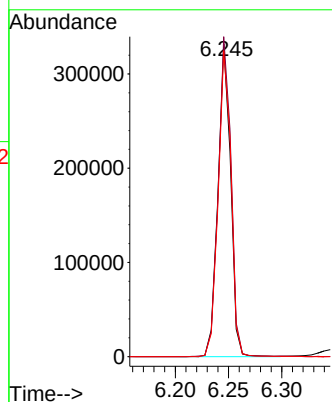
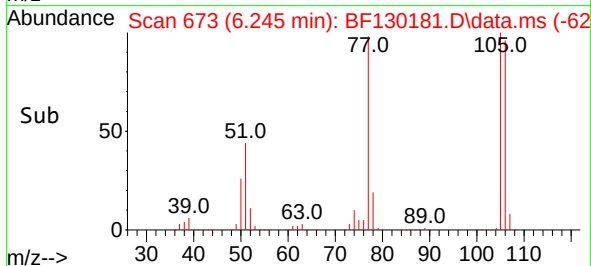
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 273652
Ion Ratio Lower Upper
77 100
105 102.4 80.3 120.3
106 97.9 74.3 114.3

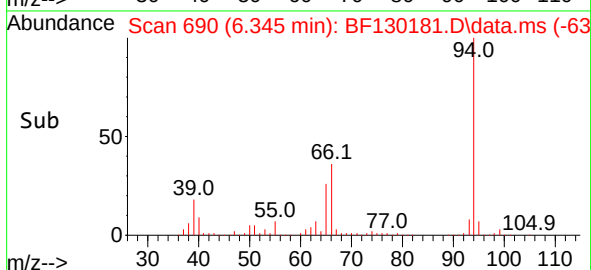
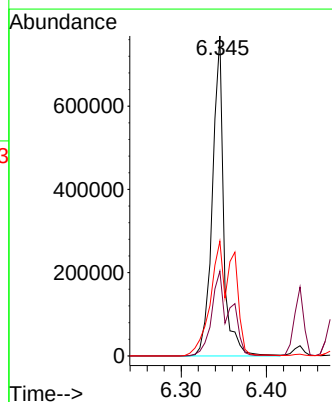
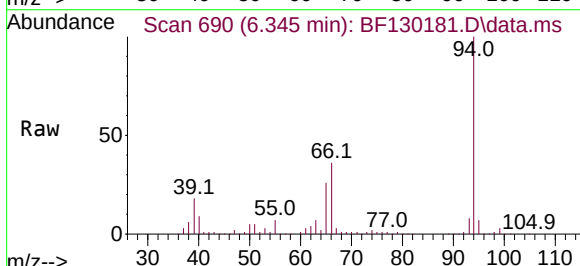
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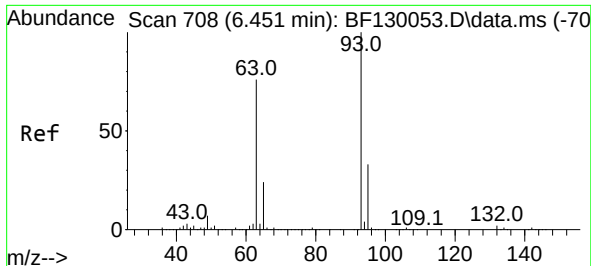
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Supervised By :Jagrut Upadhyay 09/09/2022



#10
Phenol
Concen: 45.323 ng
RT: 6.345 min Scan# 690
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

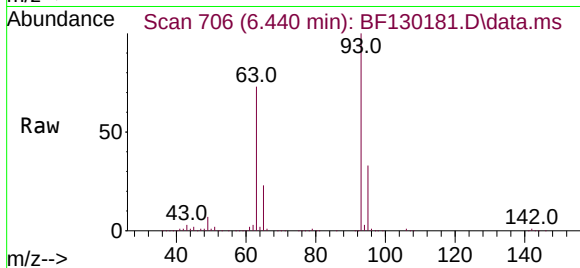
Tgt Ion: 94 Resp: 707392
Ion Ratio Lower Upper
94 100
65 26.5 24.9 64.9
66 35.8 54.2 94.2#





#11
bis(2-Chloroethyl)ether
Concen: 45.426 ng
RT: 6.440 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

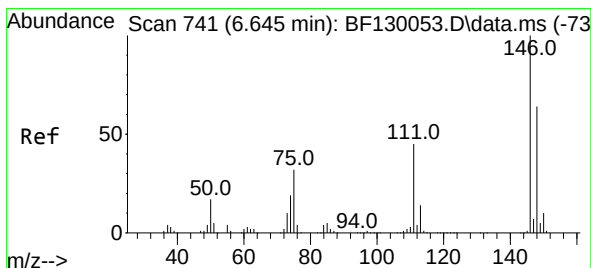
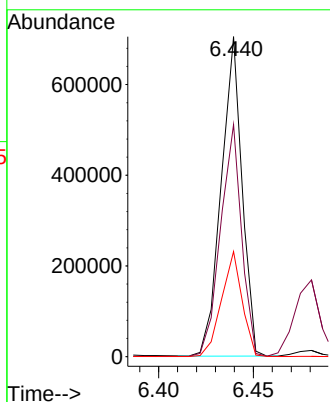
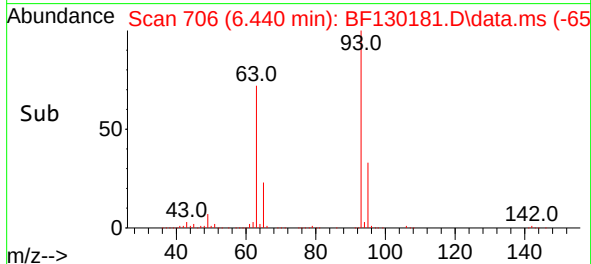
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



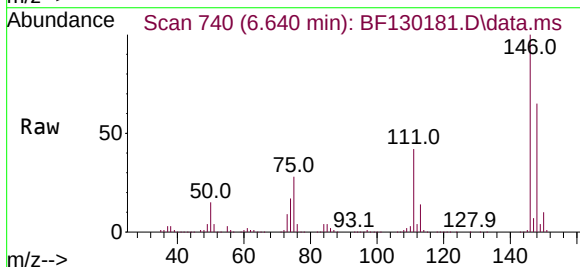
Tgt Ion: 93 Resp: 538700
Ion Ratio Lower Upper
93 100
63 72.5 55.9 95.9
95 32.8 12.3 52.3

Manual Integrations
APPROVED

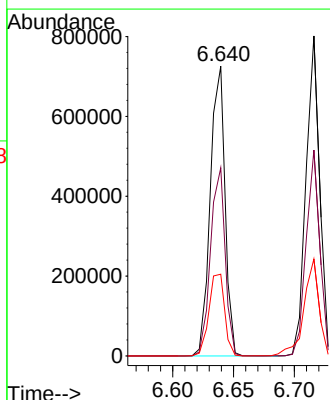
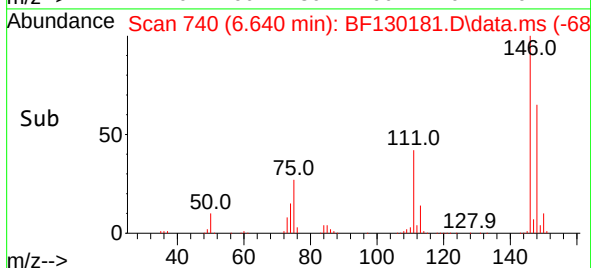
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

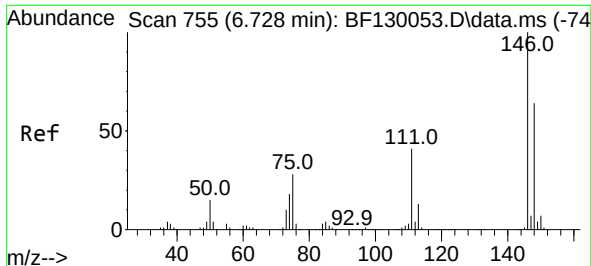


#12
1,3-Dichlorobenzene
Concen: 45.350 ng
RT: 6.640 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



Tgt Ion:146 Resp: 611142
Ion Ratio Lower Upper
146 100
148 64.9 51.2 76.8
75 28.2 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 45.789 ng

RT: 6.716 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

Instrument :

BNA_F

ClientSampleId :

SB-20-COMPMSD

Tgt Ion:146 Resp: 621573

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

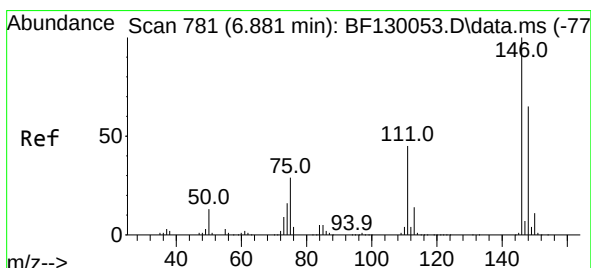
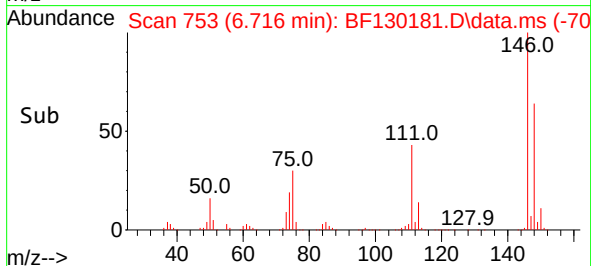
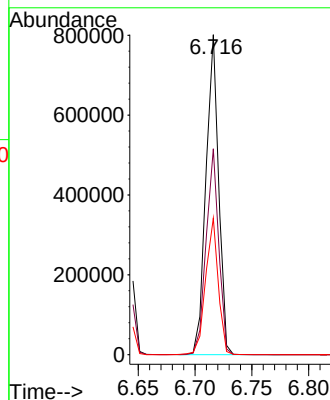
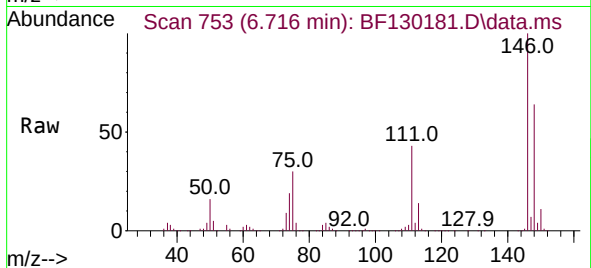
111 42.6 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#14

1,2-Dichlorobenzene

Concen: 47.762 ng

RT: 6.869 min Scan# 779

Delta R.T. -0.000 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

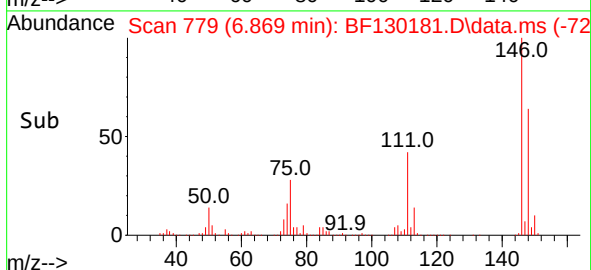
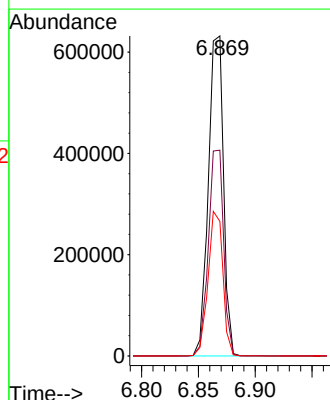
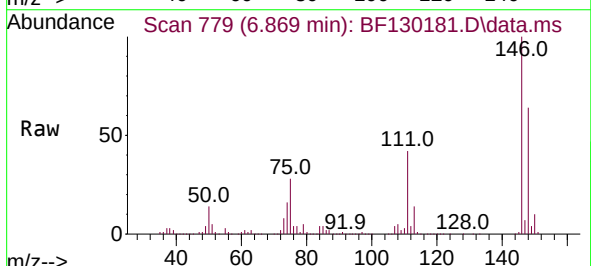
Tgt Ion:146 Resp: 589359

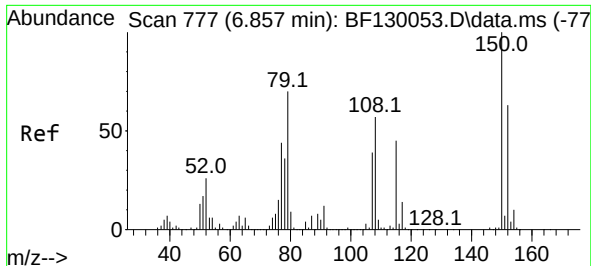
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

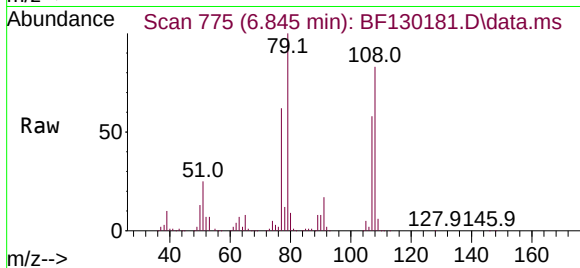
111 42.1 37.2 55.8





#15
Benzyl Alcohol
Concen: 37.909 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

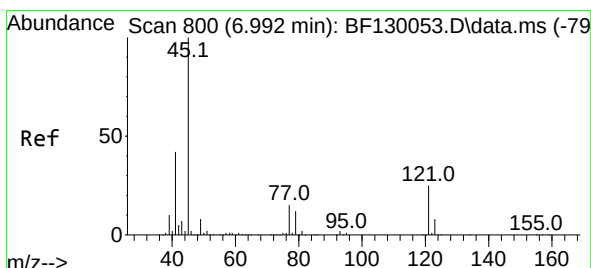
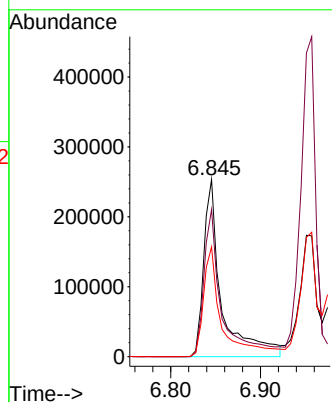
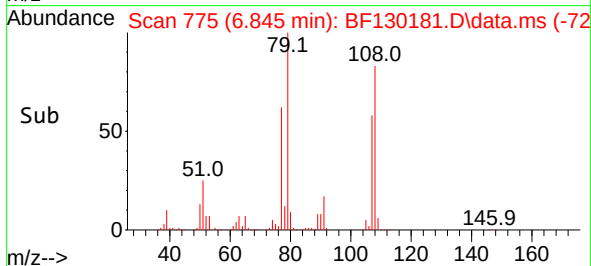
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



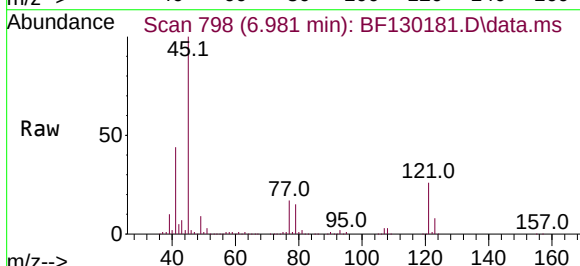
Tgt Ion: 79 Resp: 352825
Ion Ratio Lower Upper
79 100
108 83.0 59.2 88.8
77 61.9 51.9 77.9

Manual Integrations
APPROVED

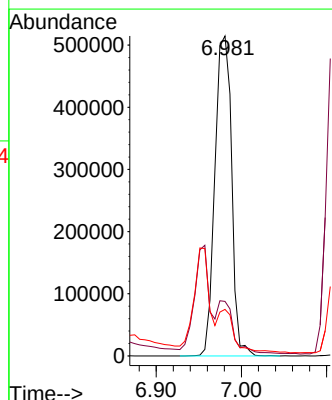
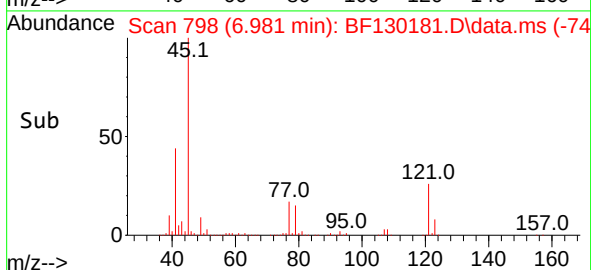
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

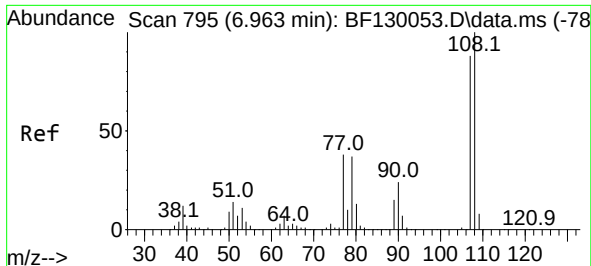


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.418 ng
RT: 6.981 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



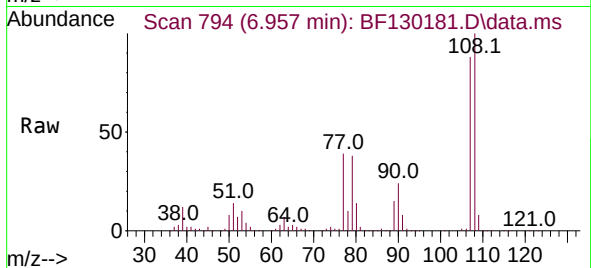
Tgt Ion: 45 Resp: 699766
Ion Ratio Lower Upper
45 100
77 17.0 27.4 67.4#
79 14.5 24.4 64.4#





#17
2-Methylphenol
Concen: 42.989 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

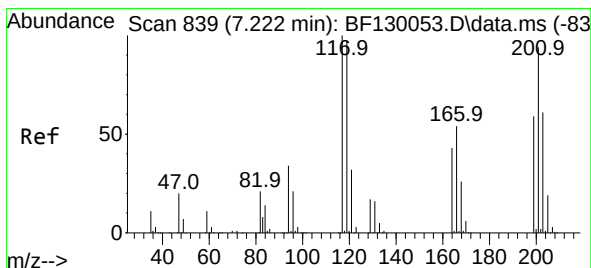
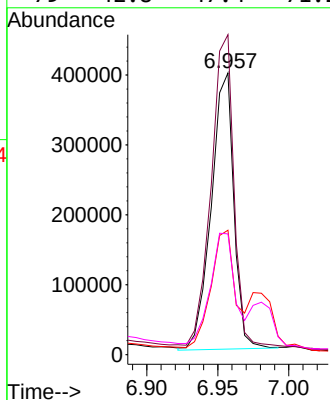
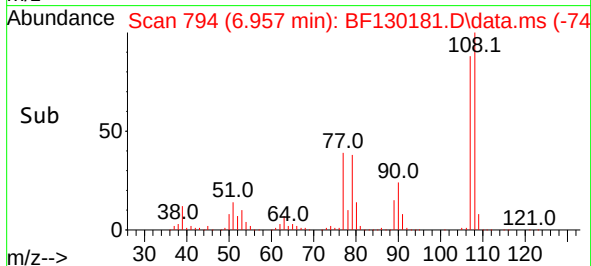
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



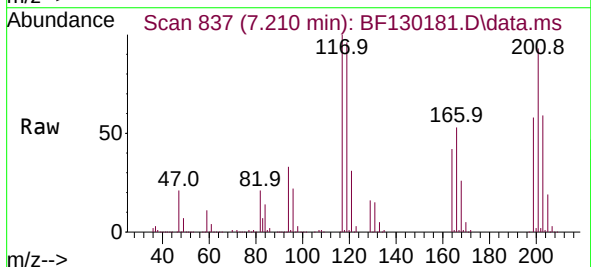
Tgt Ion:107 Resp: 439680
Ion Ratio Lower Upper
107 100
108 113.6 90.2 135.2
77 44.2 51.8 77.8
79 42.8 47.4 71.2

Manual Integrations
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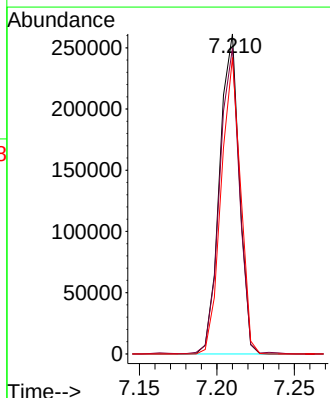
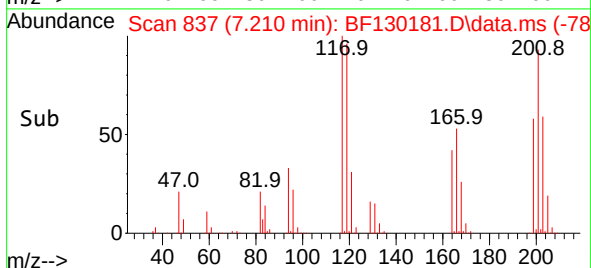
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

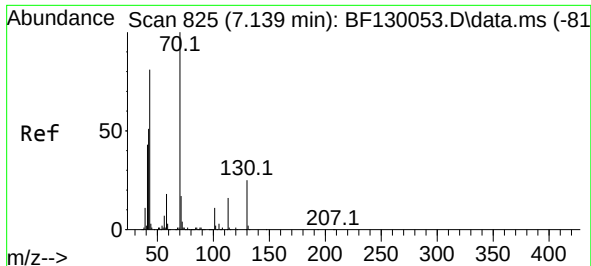


#18
Hexachloroethane
Concen: 47.392 ng
RT: 7.210 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



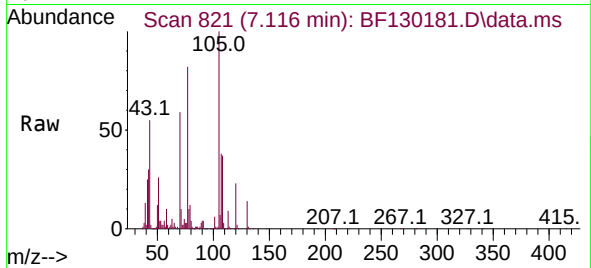
Tgt Ion:117 Resp: 232310
Ion Ratio Lower Upper
117 100
119 95.6 79.1 118.7
201 92.6 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.244 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

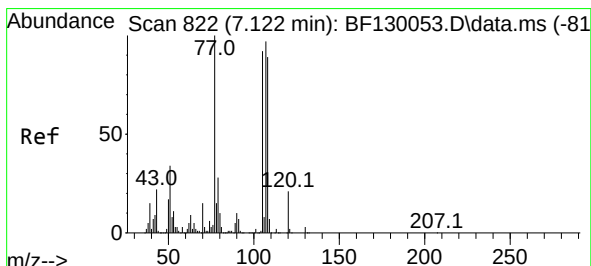
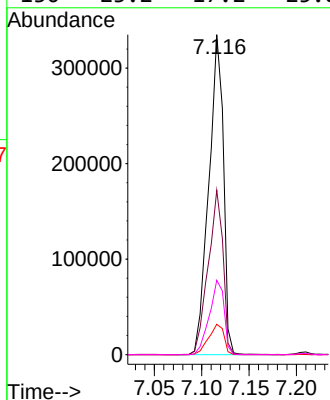
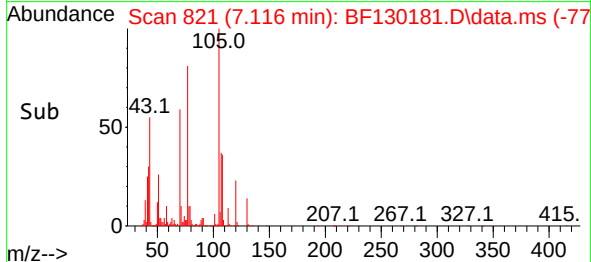
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion: 70 Resp: 359733
Ion Ratio Lower Upper
70 100
42 51.4 47.6 71.4
101 9.5 8.1 12.1
130 23.2 17.2 25.8

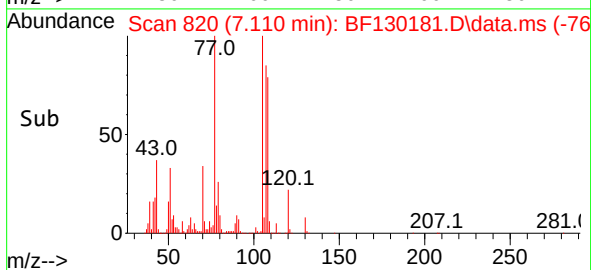
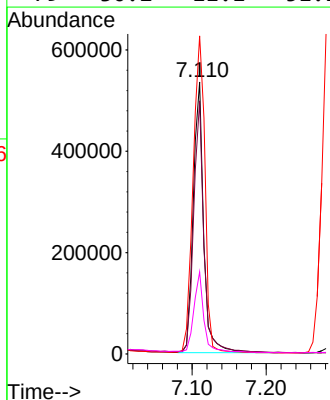
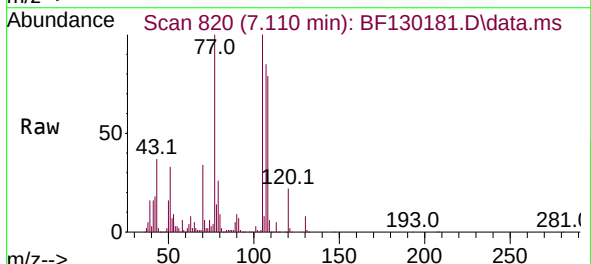
Manual Integrations
APPROVED

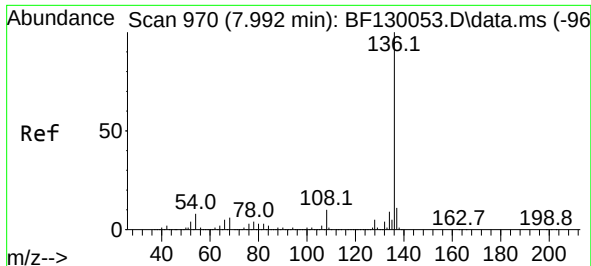
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#20
3+4-Methylphenols
Concen: 43.393 ng
RT: 7.110 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

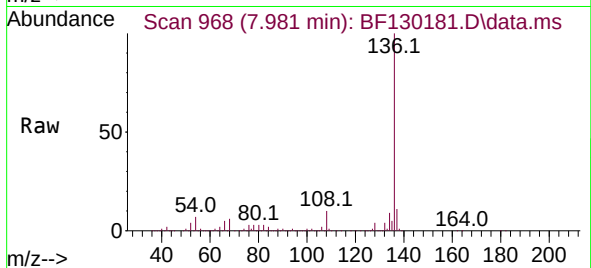
Tgt Ion:107 Resp: 520450
Ion Ratio Lower Upper
107 100
108 93.0 71.3 111.3
77 116.9 20.4 60.4#
79 30.2 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

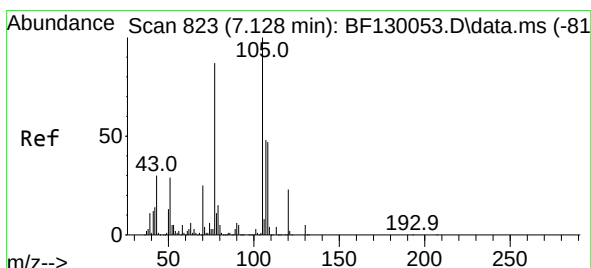
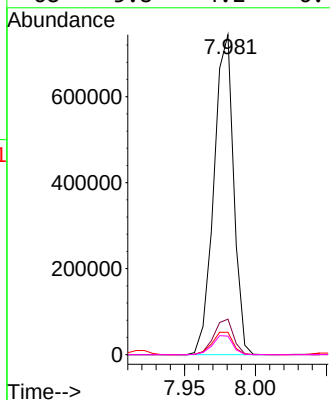
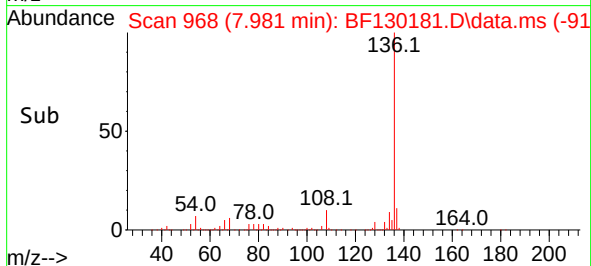
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion:136 Resp: 721301
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.0 6.2 9.2
68 5.8 4.2 6.4

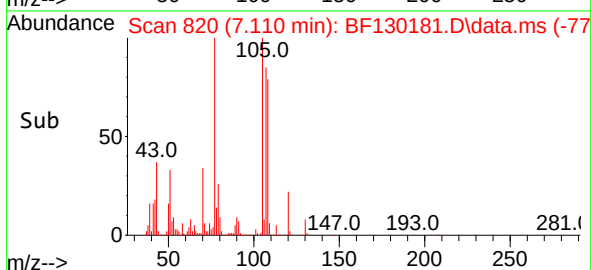
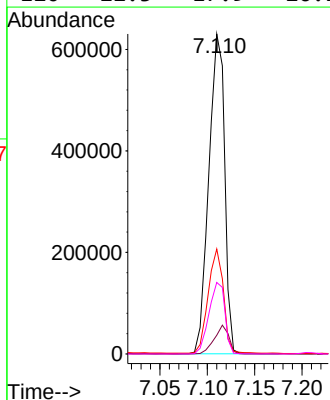
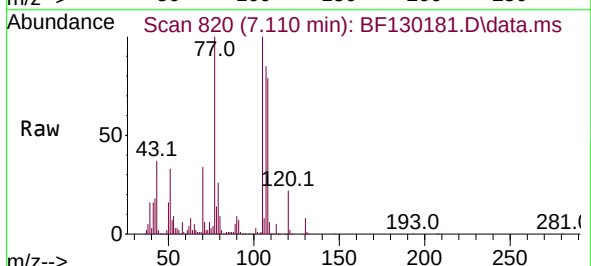
Manual Integrations
APPROVED

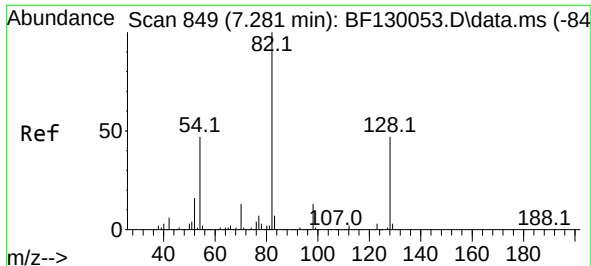
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#22
Acetophenone
Concen: 45.565 ng
RT: 7.110 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

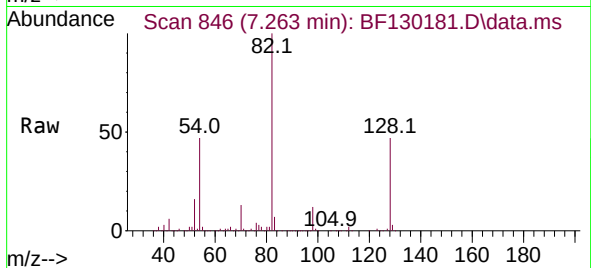
Tgt Ion:105 Resp: 734279
Ion Ratio Lower Upper
105 100
71 5.8 6.6 9.8#
51 32.8 23.8 35.8
120 22.3 17.9 26.9





#23
Nitrobenzene-d5
Concen: 63.516 ng
RT: 7.263 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

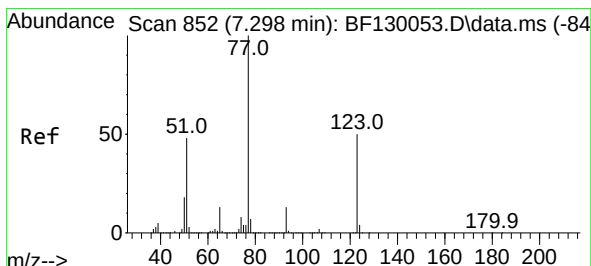
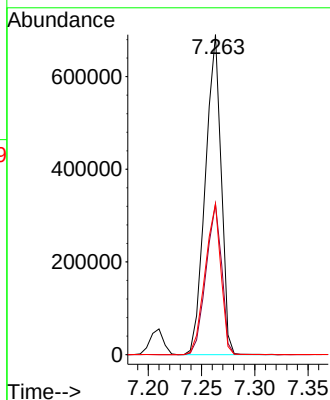
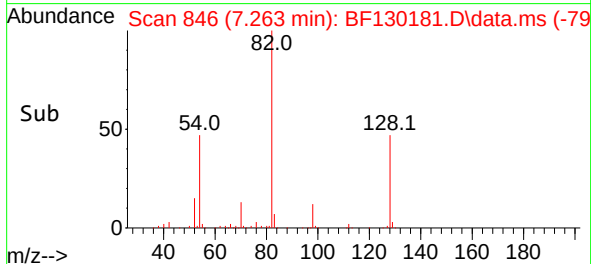
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion: 82 Resp: 712884
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 47.1 40.0 60.0

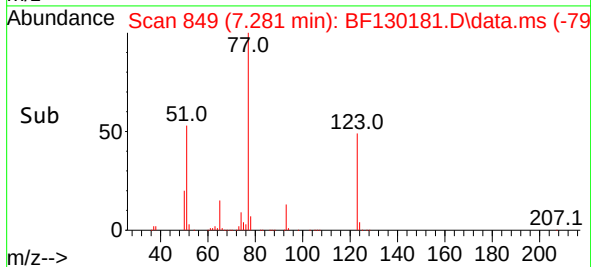
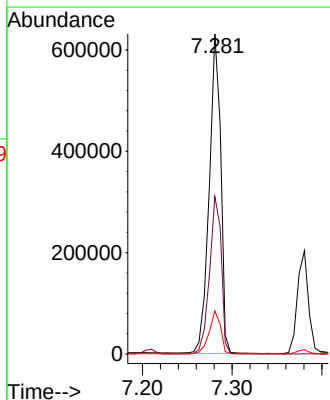
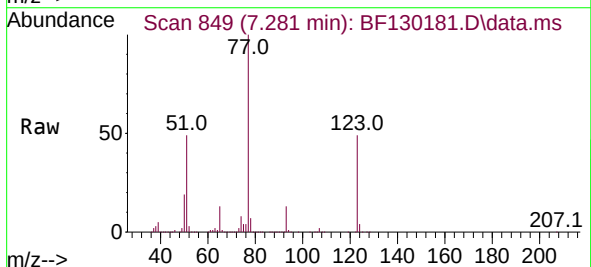
Manual Integrations
APPROVED

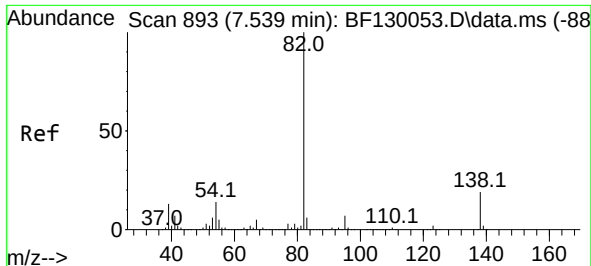
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#24
Nitrobenzene
Concen: 47.480 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

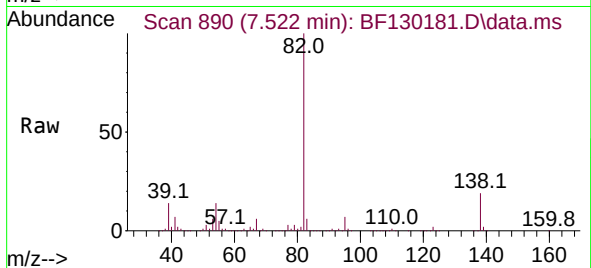
Tgt Ion: 77 Resp: 566745
Ion Ratio Lower Upper
77 100
123 49.2 39.2 58.8
65 13.4 11.1 16.7





#25
Isophorone
Concen: 45.164 ng
RT: 7.522 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

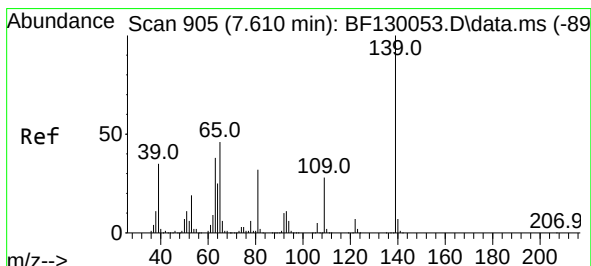
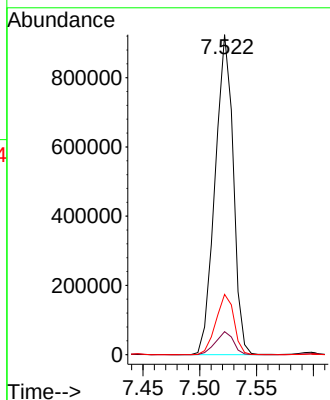
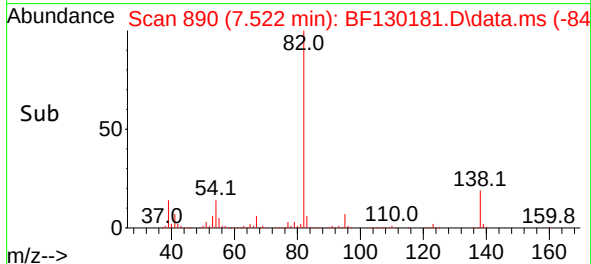
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



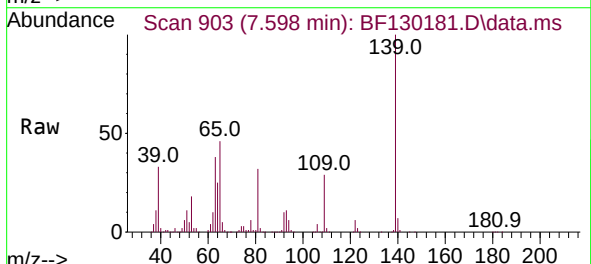
Tgt Ion: 82 Resp: 1025980
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 18.9 14.6 21.8

Manual Integrations
APPROVED

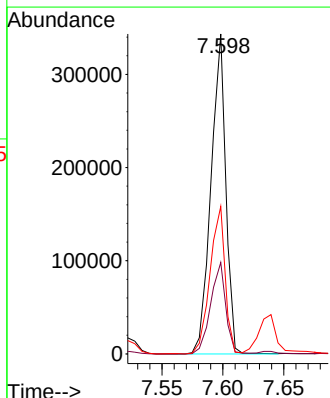
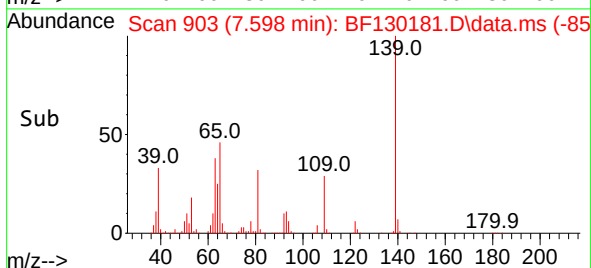
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

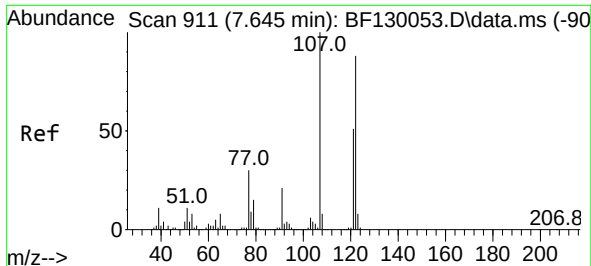


#26
2-Nitrophenol
Concen: 51.484 ng
RT: 7.598 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



Tgt Ion:139 Resp: 290224
Ion Ratio Lower Upper
139 100
109 28.6 24.4 36.6
65 46.1 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 52.056 ng

RT: 7.639 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF130181.D

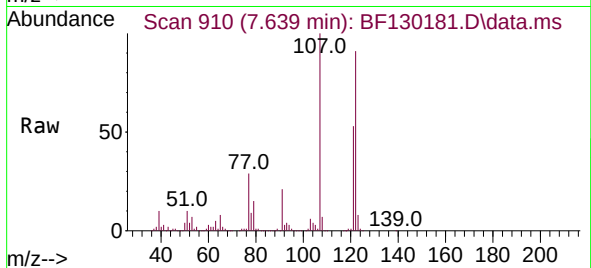
Acq: 08 Sep 2022 16:34

Instrument :

BNA_F

ClientSampleId :

SB-20-COMPMSD



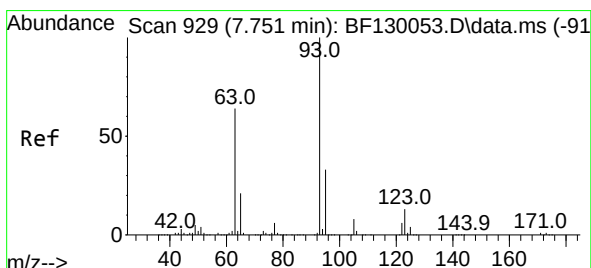
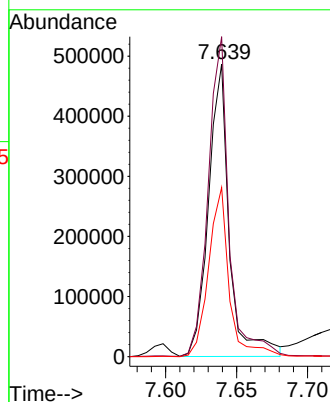
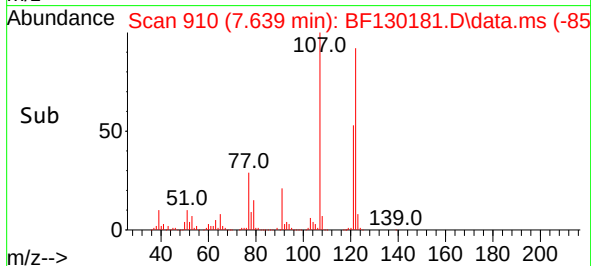
Tgt Ion:	122	Resp:	496196
Ion	Ratio	Lower	Upper
122	100		
107	109.4	92.2	138.4
121	57.8	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.191 ng

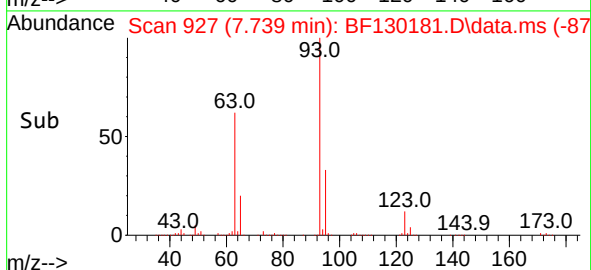
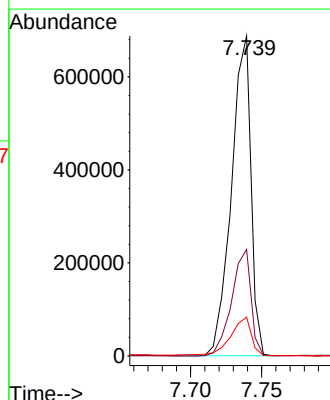
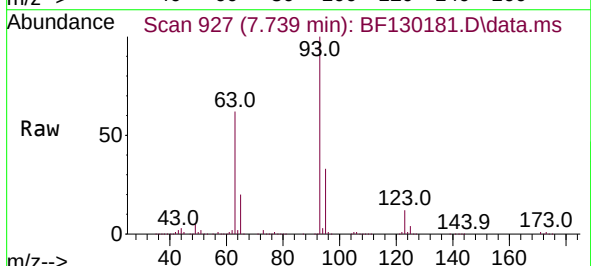
RT: 7.739 min Scan# 927

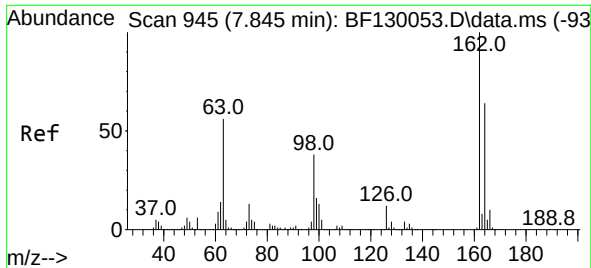
Delta R.T. -0.000 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

Tgt Ion:	93	Resp:	657611
Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.6	38.4
123	12.1	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 44.712 ng

RT: 7.839 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

Instrument :

BNA_F

ClientSampleId :

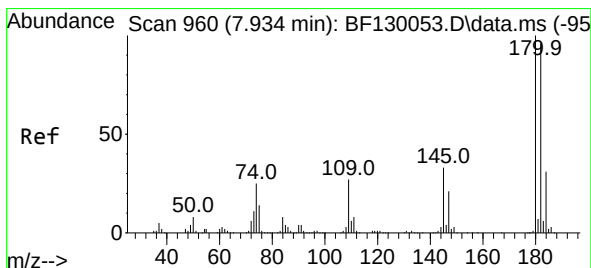
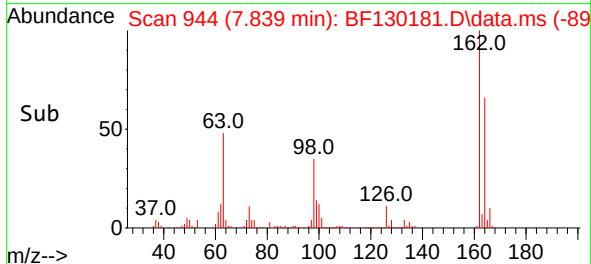
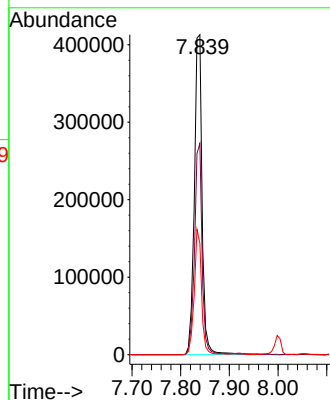
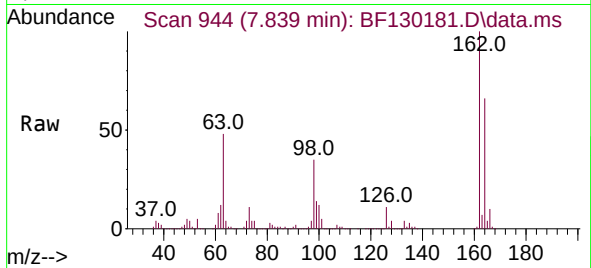
SB-20-COMPMSD

Tgt Ion:162 Resp: 455874
 Ion Ratio Lower Upper
 162 100
 164 66.0 43.7 83.7
 98 34.8 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022
 Supervised By :Jagrut Upadhyay 09/09/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.382 ng

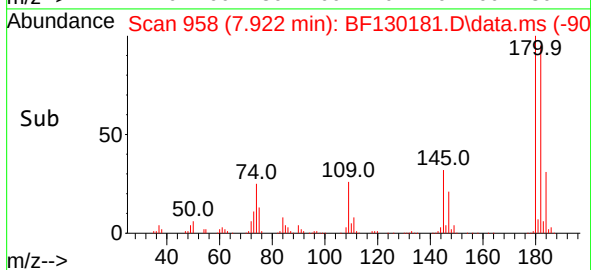
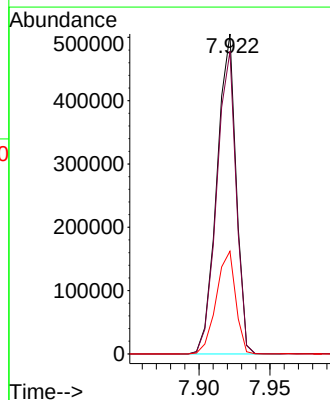
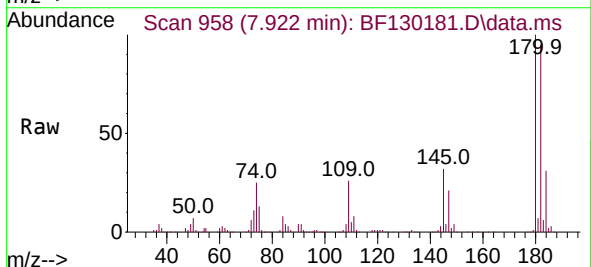
RT: 7.922 min Scan# 958

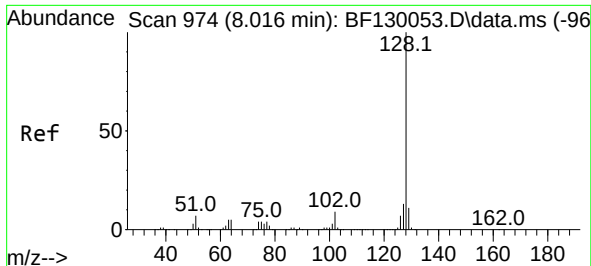
Delta R.T. -0.000 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

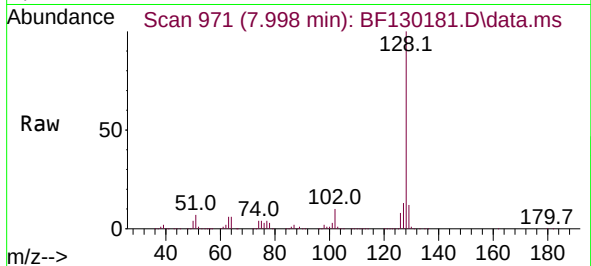
Tgt Ion:180 Resp: 477135
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.6 116.4
 145 32.1 25.6 38.4





#31
Naphthalene
Concen: 43.648 ng
RT: 7.998 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

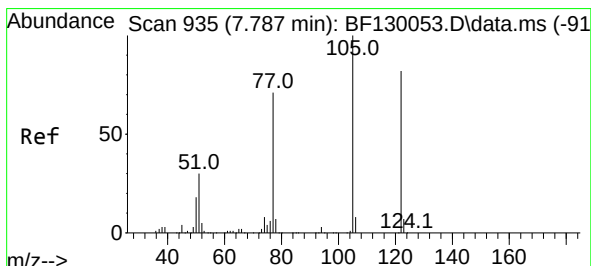
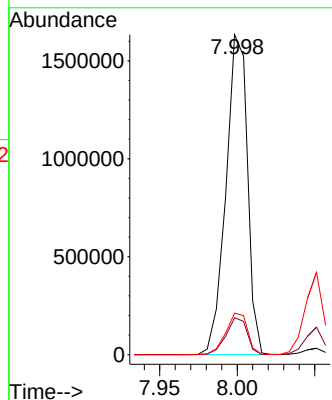
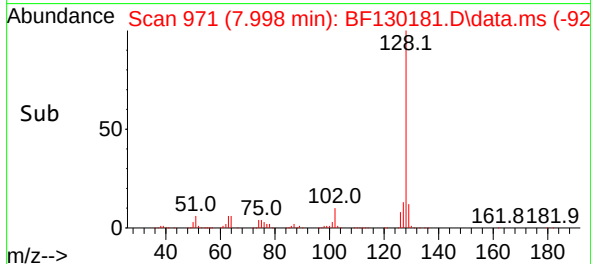
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion:128 Resp: 1587890
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.0 10.7 16.1

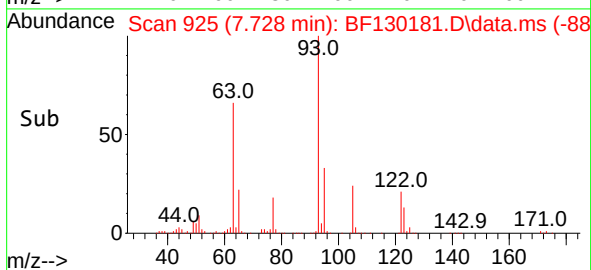
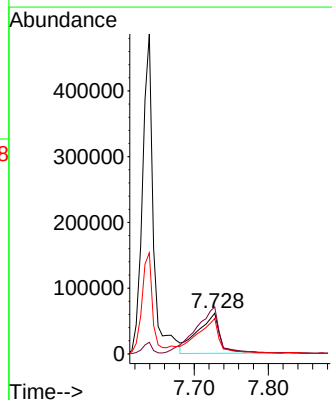
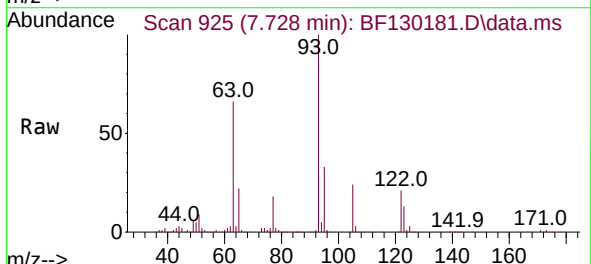
Manual Integrations
APPROVED

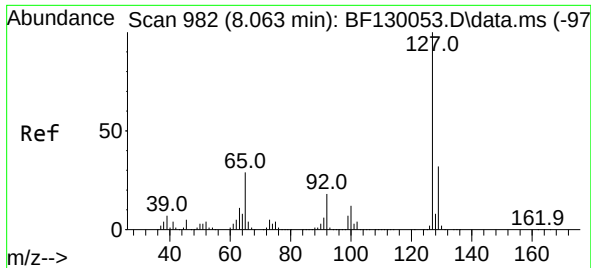
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#32
Benzoic acid
Concen: 20.835 ng
RT: 7.728 min Scan# 925
Delta R.T. -0.041 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

Tgt Ion:122 Resp: 128614
Ion Ratio Lower Upper
122 100
105 115.6 99.9 139.9
77 87.1 65.9 105.9





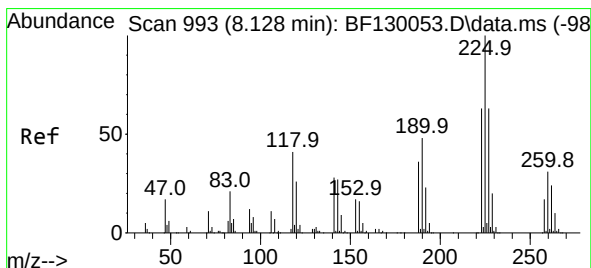
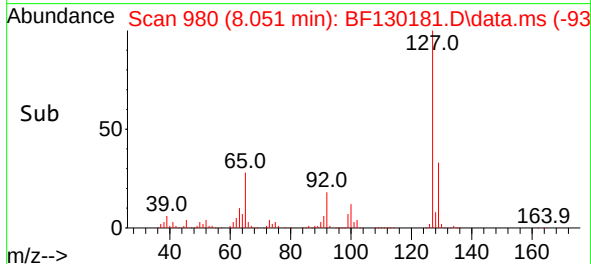
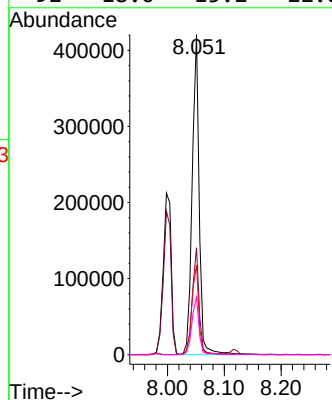
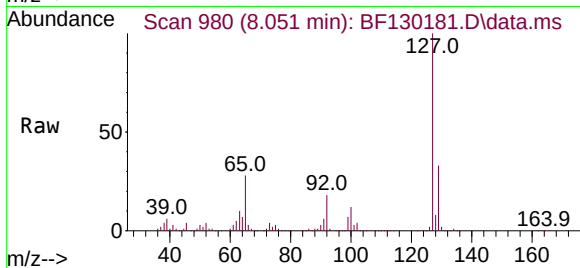
#33
4-Chloroaniline
Concen: 24.557 ng
RT: 8.051 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD

Tgt Ion:127 Resp: 360923
Ion Ratio Lower Upper
127 100
129 33.4 26.7 40.1
65 28.1 24.2 36.2
92 18.0 15.2 22.8

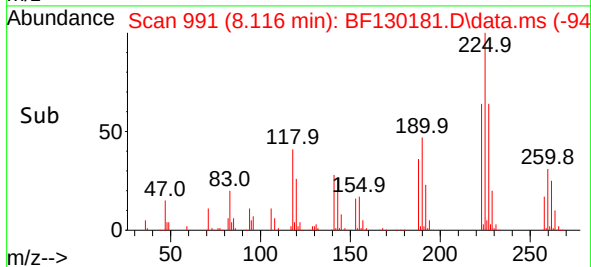
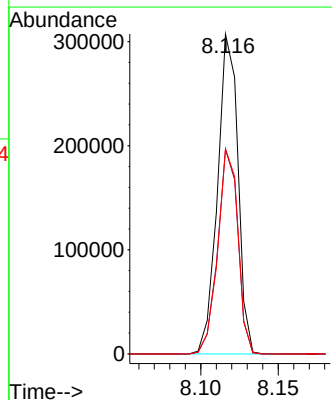
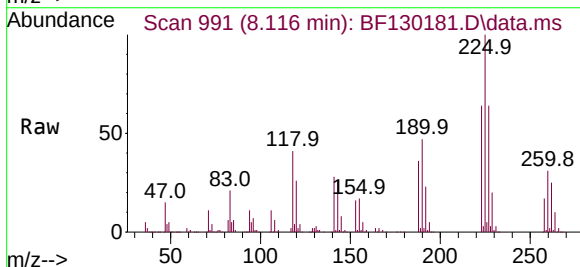
Manual Integrations
APPROVED

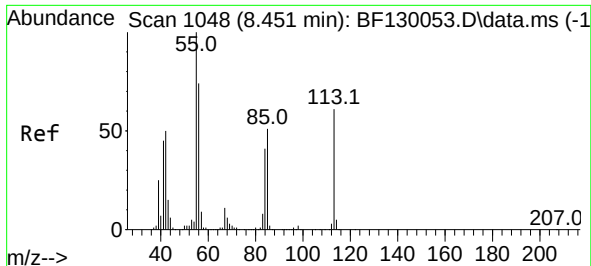
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#34
Hexachlorobutadiene
Concen: 45.617 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

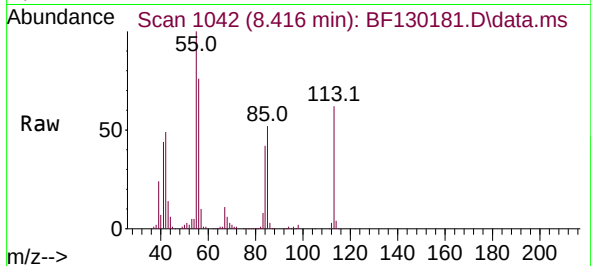
Tgt Ion:225 Resp: 280864
Ion Ratio Lower Upper
225 100
223 64.0 50.2 75.2
227 64.1 50.6 75.8





#35
Caprolactam
Concen: 34.653 ng m
RT: 8.416 min Scan# 1048
Delta R.T. -0.024 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

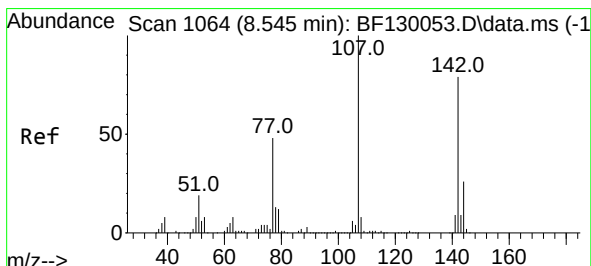
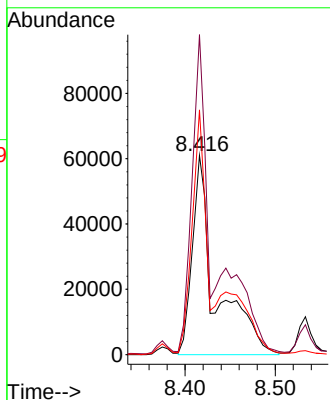
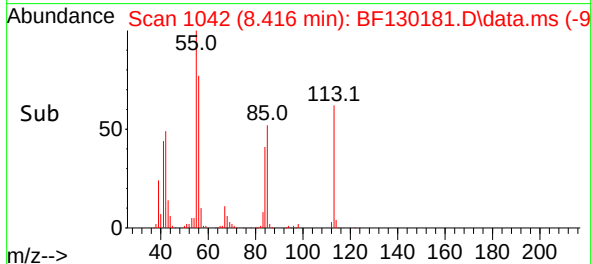
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion:113 Resp: 109488
Ion Ratio Lower Upper
113 100
55 160.5 148.8 188.8
56 122.8 109.1 149.1

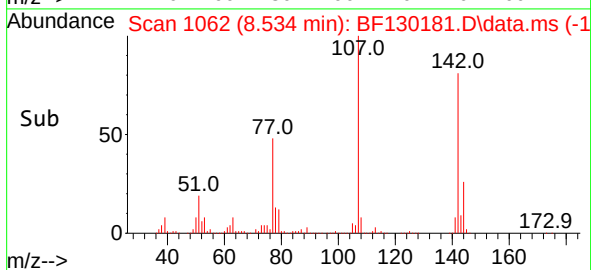
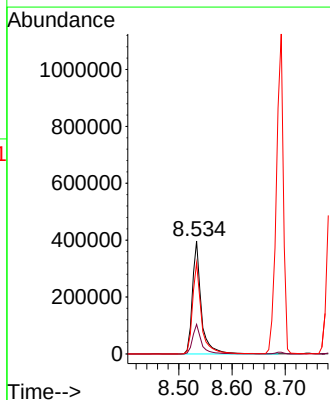
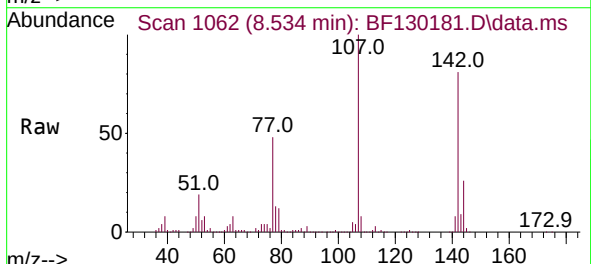
Manual Integrations
APPROVED

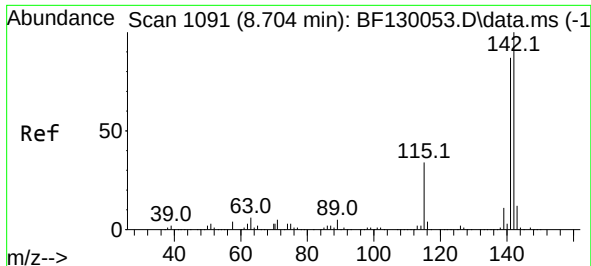
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#36
4-Chloro-3-methylphenol
Concen: 43.999 ng
RT: 8.534 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

Tgt Ion:107 Resp: 453944
Ion Ratio Lower Upper
107 100
144 26.2 19.9 29.9
142 80.5 60.2 90.4





#37

2-Methylnaphthalene

Concen: 43.505 ng

RT: 8.692 min Scan# 1091

Delta R.T. -0.000 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

Instrument :

BNA_F

ClientSampleId :

SB-20-COMPMSD

Tgt Ion:142 Resp: 1019508

Ion Ratio Lower Upper

142 100

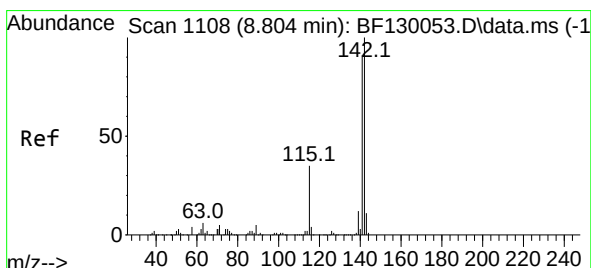
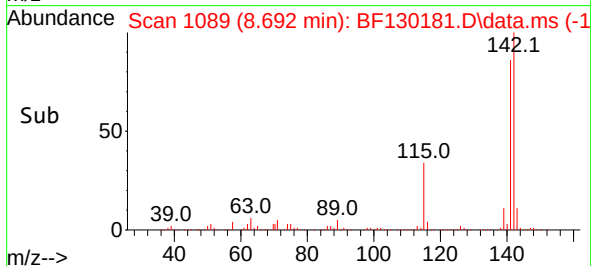
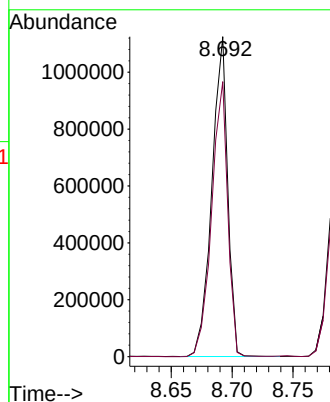
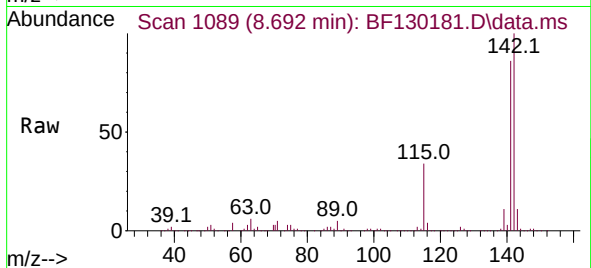
141 85.9 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#38

1-Methylnaphthalene

Concen: 42.377 ng

RT: 8.786 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF130181.D

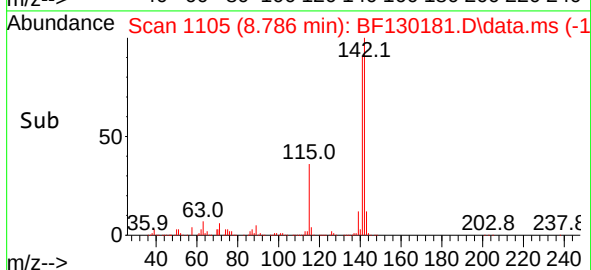
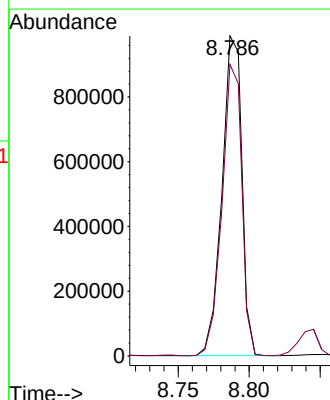
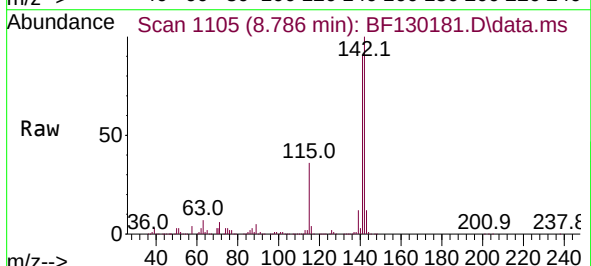
Acq: 08 Sep 2022 16:34

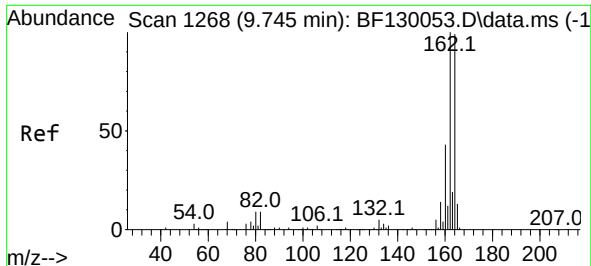
Tgt Ion:142 Resp: 965257

Ion Ratio Lower Upper

142 100

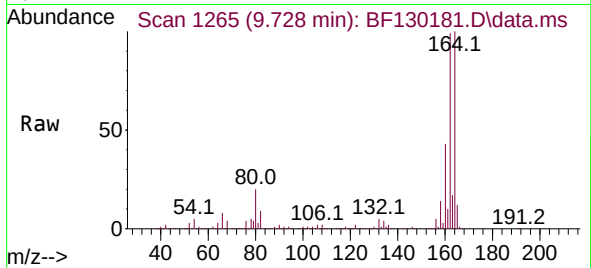
141 91.1 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

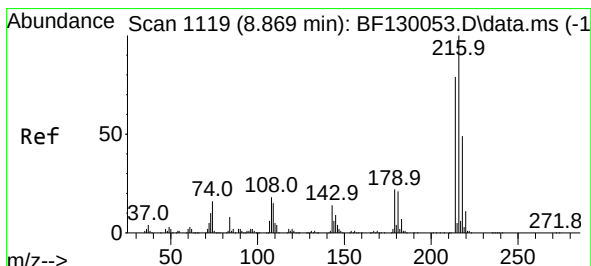
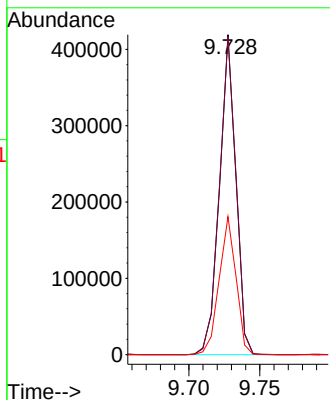
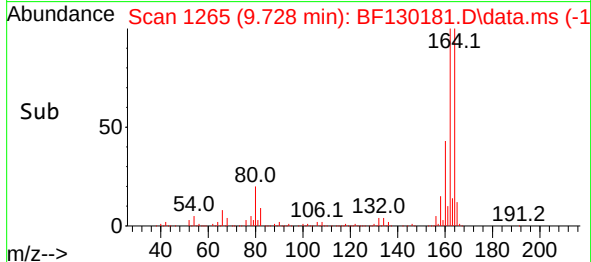
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



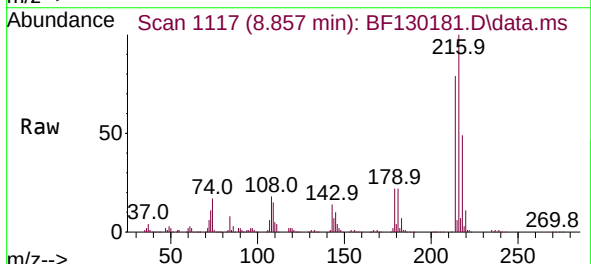
Tgt Ion:164 Resp: 337682
Ion Ratio Lower Upper
164 100
162 99.4 82.0 123.0
160 43.1 35.4 53.0

Manual Integrations
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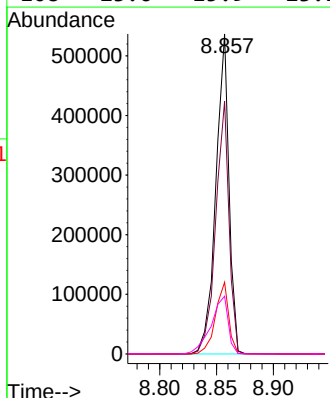
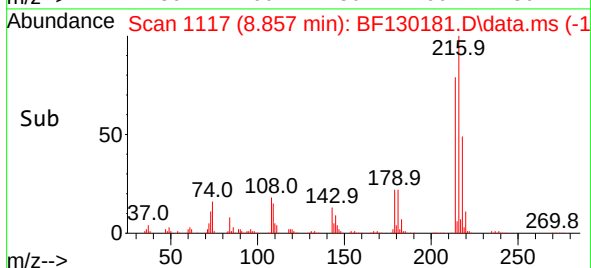
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

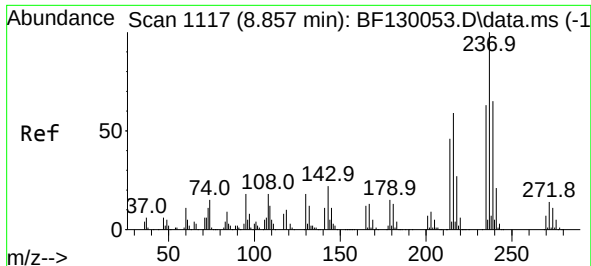


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.024 ng
RT: 8.857 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



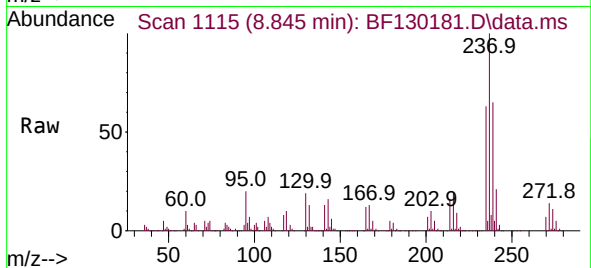
Tgt Ion:216 Resp: 431680
Ion Ratio Lower Upper
216 100
214 79.8 63.1 94.7
179 22.5 18.1 27.1
108 23.6 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 122.974 ng
RT: 8.845 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

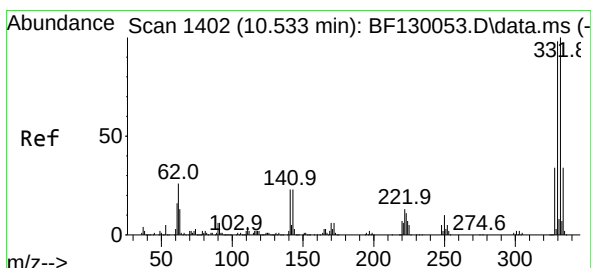
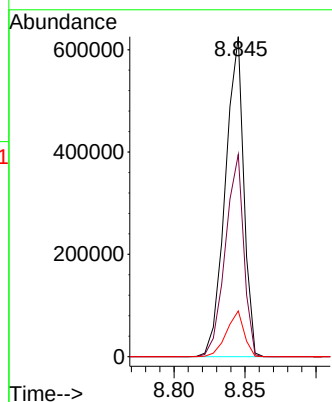
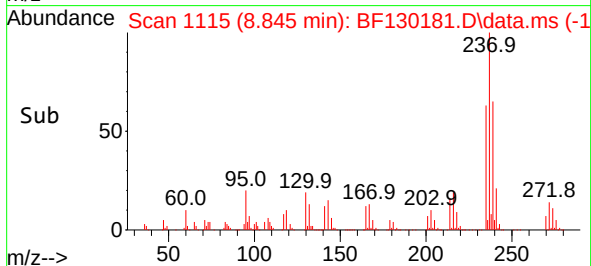
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



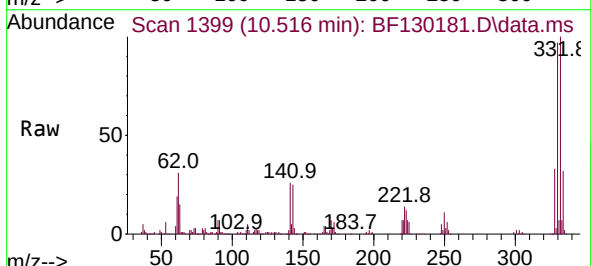
Tgt Ion: 237 Resp: 565904
Ion Ratio Lower Upper
237 100
235 63.2 41.5 81.5
272 14.3 0.0 33.3

Manual Integrations
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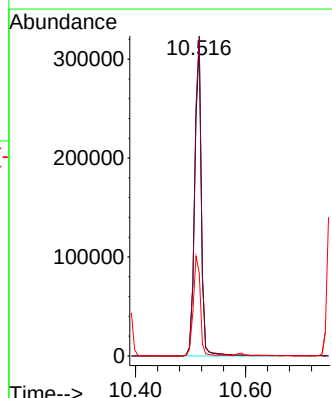
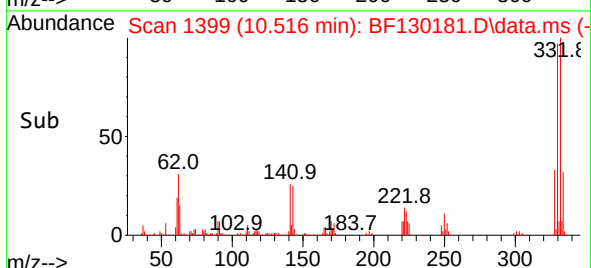
Reviewed By : Christian Giraldo 09/09/2022
Supervised By : Jagrut Upadhyay 09/09/2022

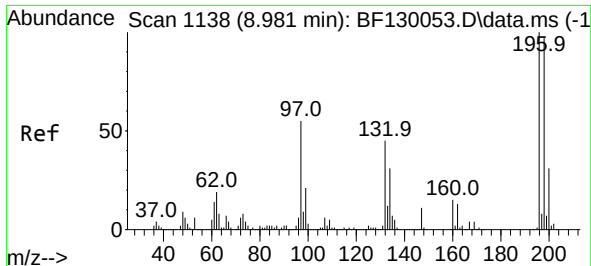


#42
2,4,6-Tribromophenol
Concen: 86.297 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



Tgt Ion: 330 Resp: 265265
Ion Ratio Lower Upper
330 100
332 102.5 82.6 124.0
141 34.1 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 45.904 ng

RT: 8.969 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

Instrument :

BNA_F

ClientSampleId :

SB-20-COMPMSD

Tgt Ion:196 Resp: 288519

Ion Ratio Lower Upper

196 100

198 97.3 79.0 118.4

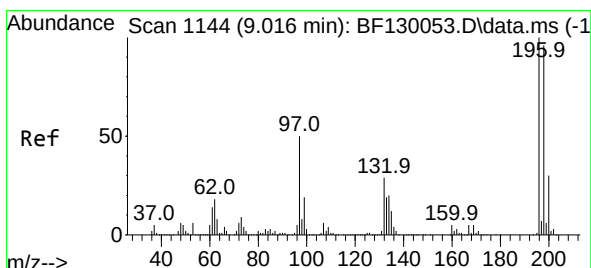
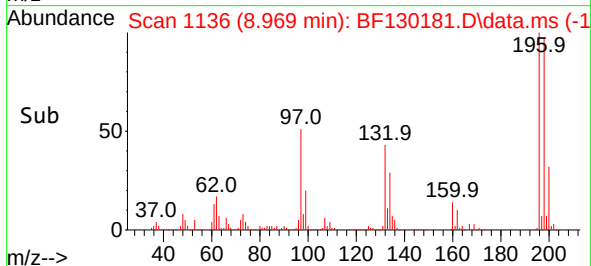
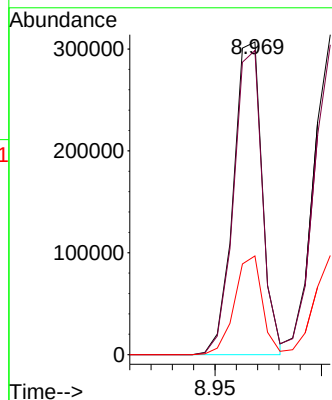
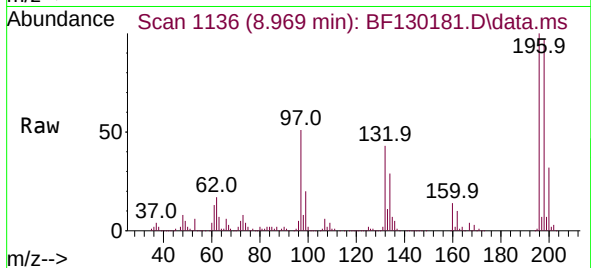
200 31.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#44

2,4,5-Trichlorophenol

Concen: 46.063 ng

RT: 9.004 min Scan# 1142

Delta R.T. -0.000 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

Tgt Ion:196 Resp: 313806

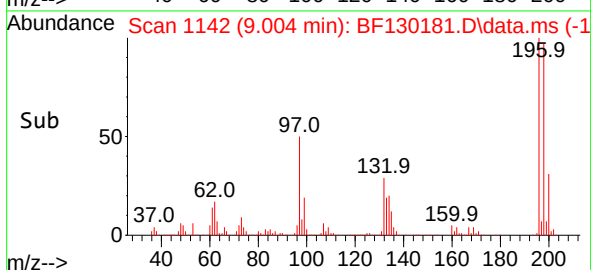
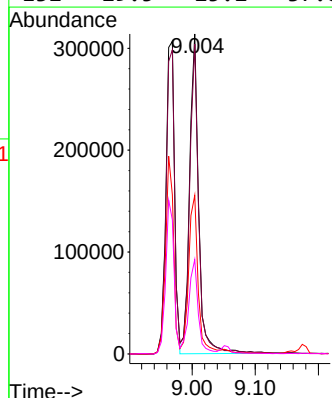
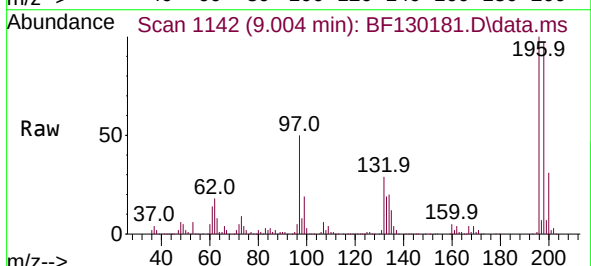
Ion Ratio Lower Upper

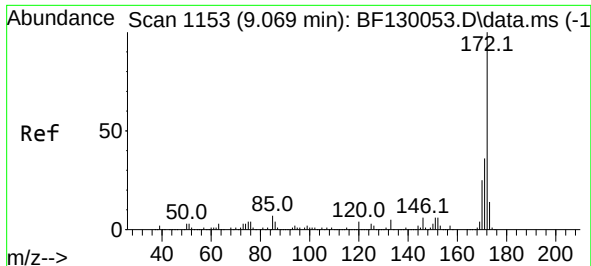
196 100

198 96.8 76.4 114.6

97 49.5 46.5 69.7

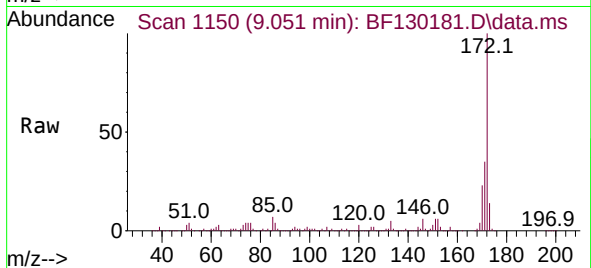
132 29.5 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 61.430 ng
RT: 9.051 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

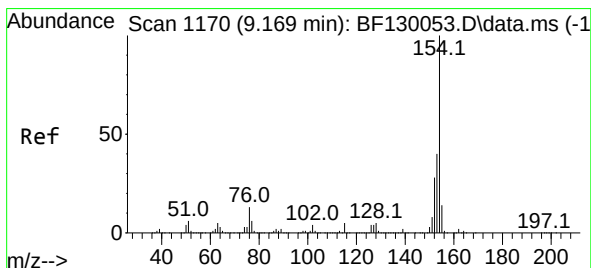
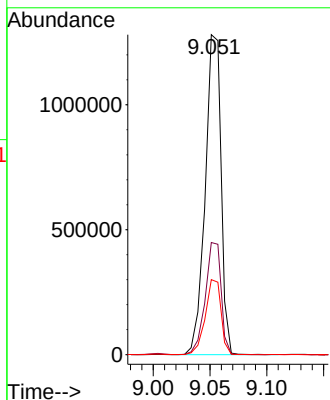
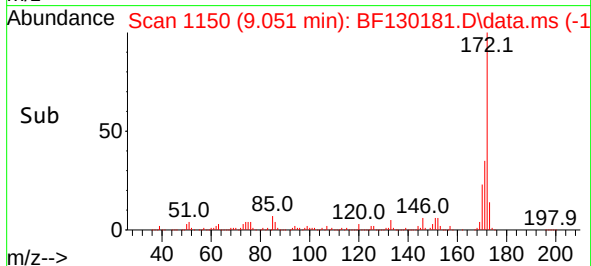
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



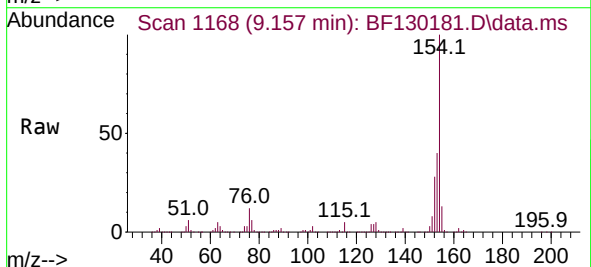
Tgt Ion:172 Resp: 1251175
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.4 19.1 28.7

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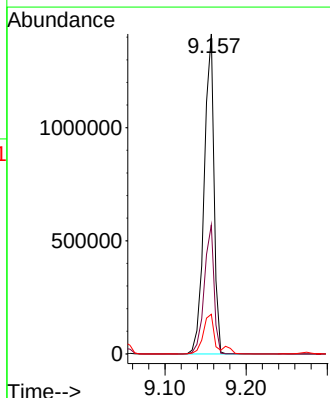
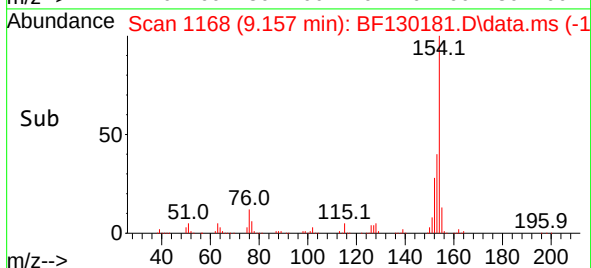
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

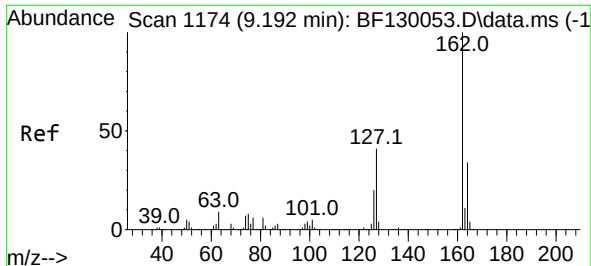


#46
1,1'-Biphenyl
Concen: 48.546 ng
RT: 9.157 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



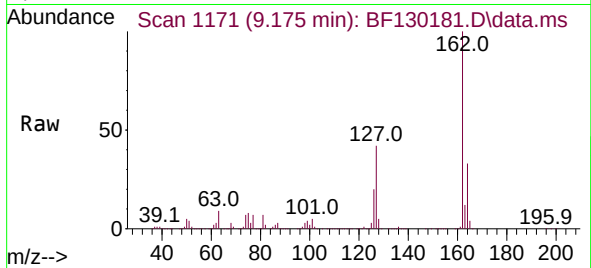
Tgt Ion:154 Resp: 1190964
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 12.4 0.0 32.1





#47
2-Chloronaphthalene
Concen: 47.588 ng
RT: 9.175 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

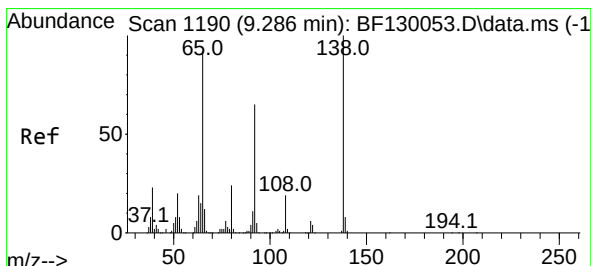
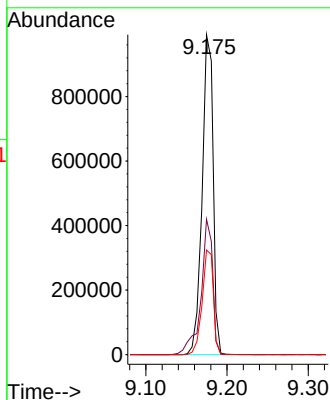
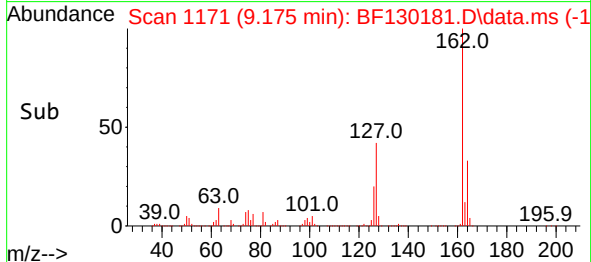
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion:162 Resp: 935427
Ion Ratio Lower Upper
162 100
127 42.3 33.1 49.7
164 32.7 26.7 40.1

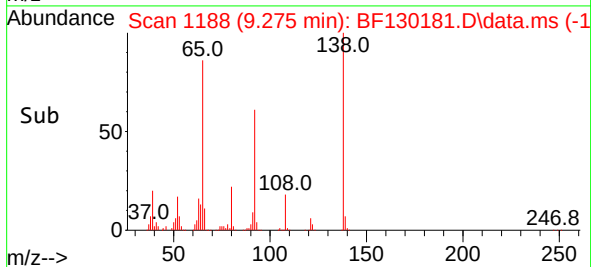
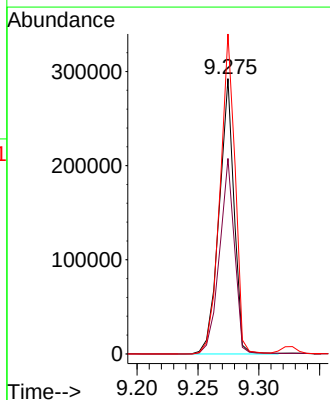
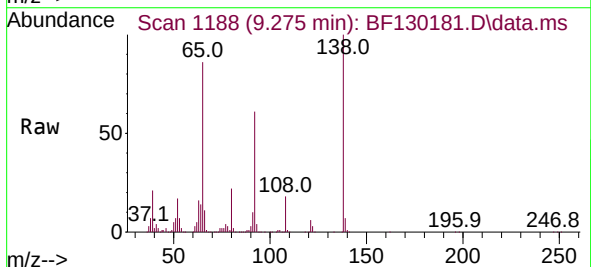
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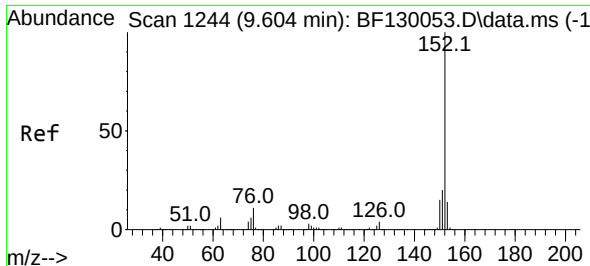
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#48
2-Nitroaniline
Concen: 51.425 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

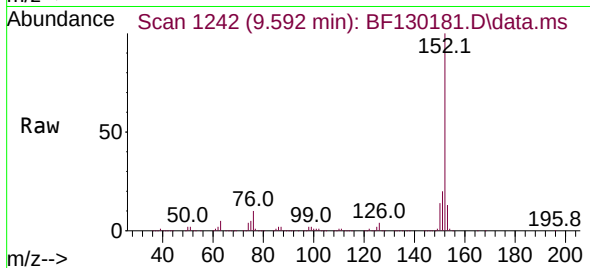
Tgt Ion: 65 Resp: 249097
Ion Ratio Lower Upper
65 100
92 71.0 55.0 82.4
138 116.2 81.3 121.9





#49
Acenaphthylene
Concen: 46.002 ng
RT: 9.592 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

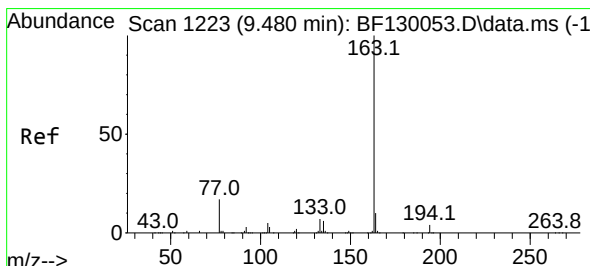
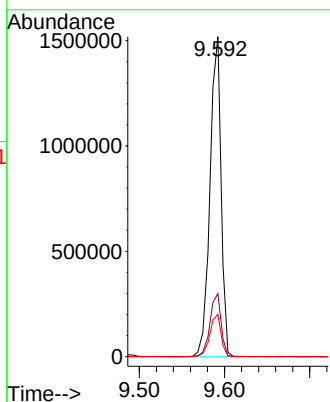
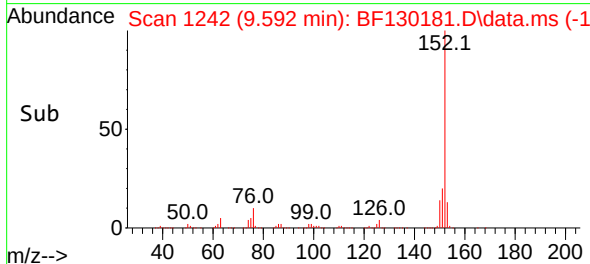
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



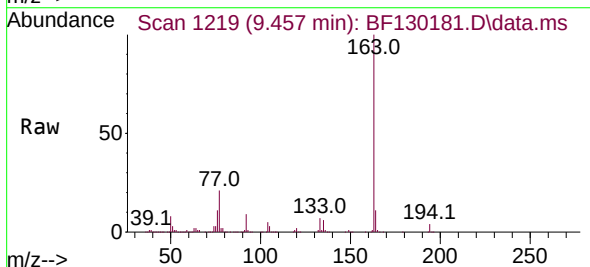
Tgt Ion:152 Resp: 1373130
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.2 10.6 16.0

Manual Integrations
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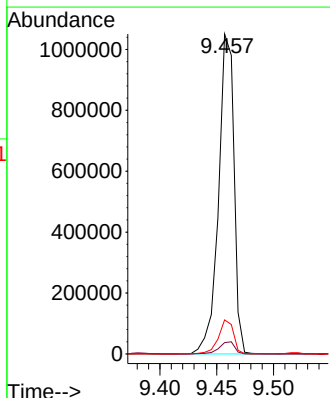
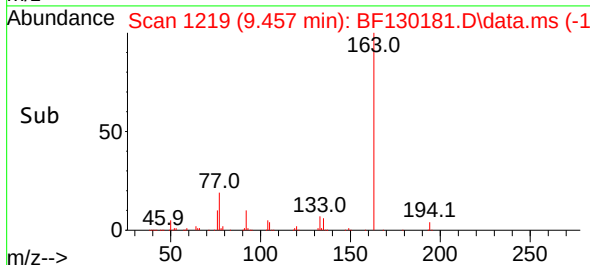
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

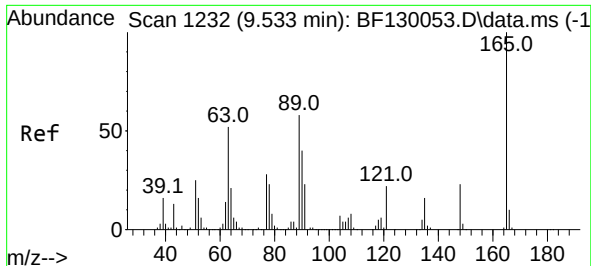


#50
Dimethylphthalate
Concen: 43.298 ng
RT: 9.457 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



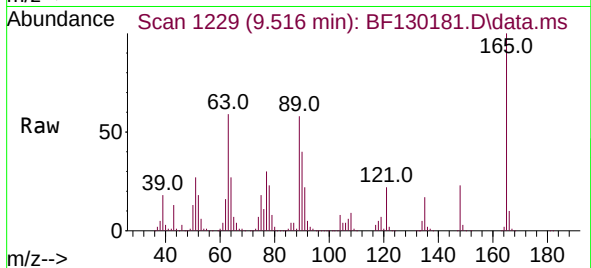
Tgt Ion:163 Resp: 995855
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.7 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.459 ng
RT: 9.516 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

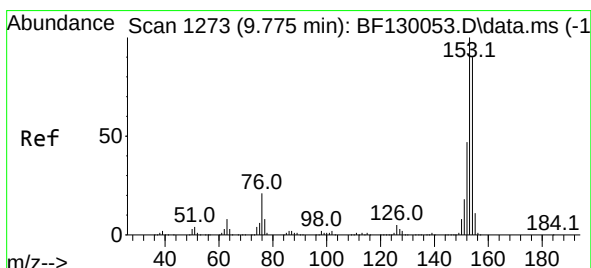
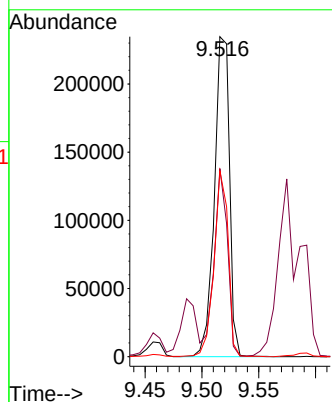
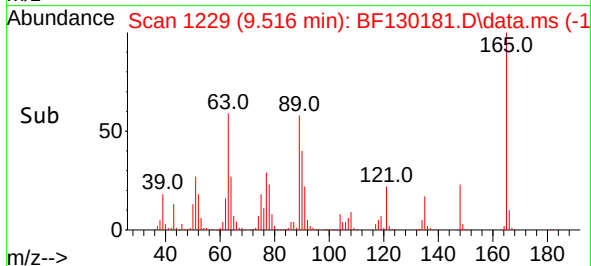
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion:165 Resp: 217307
Ion Ratio Lower Upper
165 100
63 58.8 47.8 71.8
89 58.0 47.2 70.8

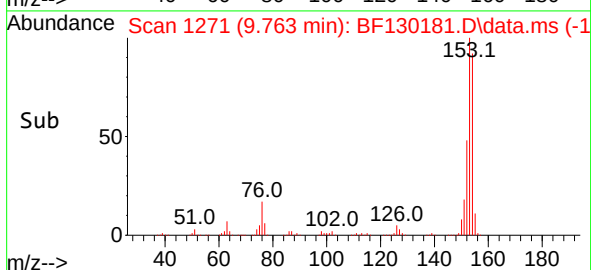
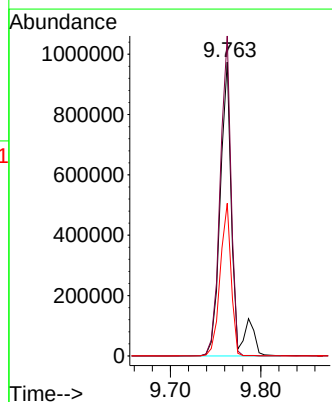
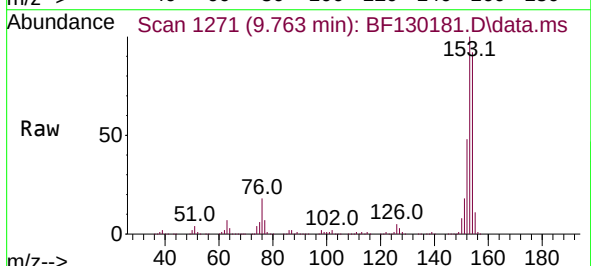
Manual Integrations
APPROVED

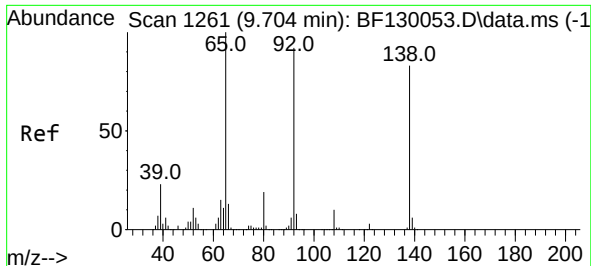
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#52
Acenaphthene
Concen: 48.275 ng m
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

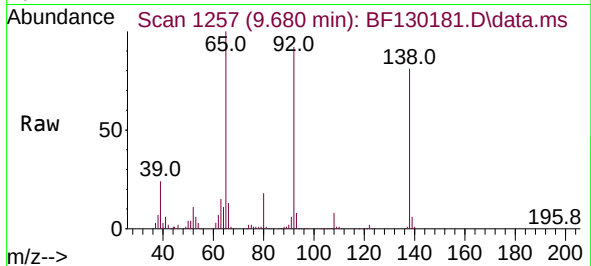
Tgt Ion:154 Resp: 908129
Ion Ratio Lower Upper
154 100
153 108.9 89.8 134.6
152 51.9 42.1 63.1





#53
3-Nitroaniline
Concen: 29.666 ng
RT: 9.680 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

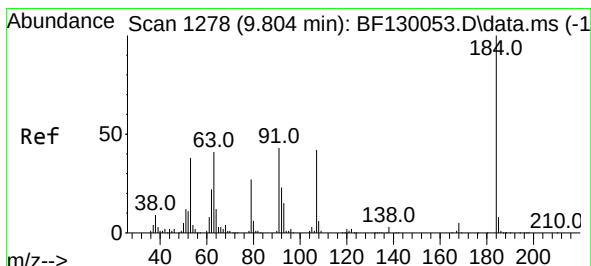
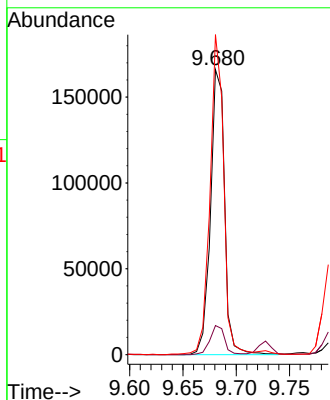
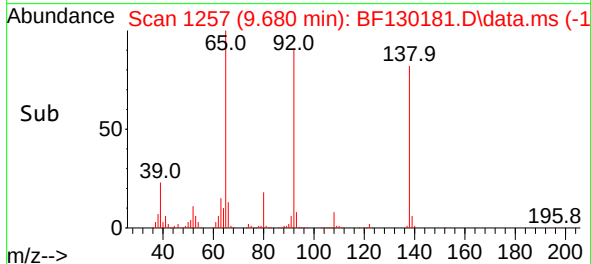
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion:138 Resp: 152696
Ion Ratio Lower Upper
138 100
108 10.2 8.4 12.6
92 112.3 89.8 134.8

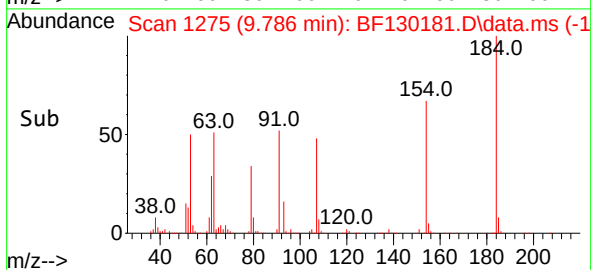
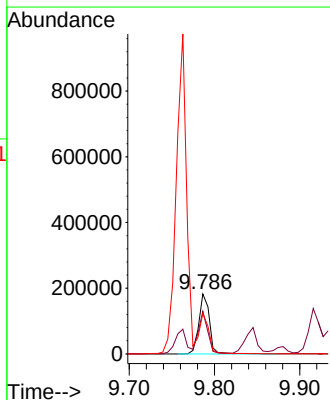
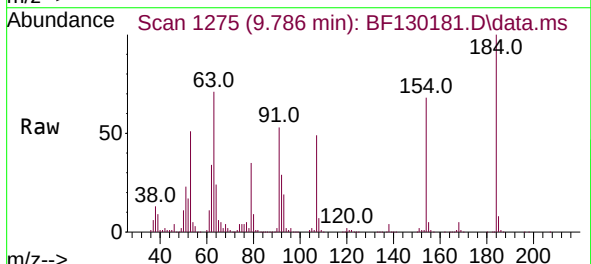
Manual Integrations
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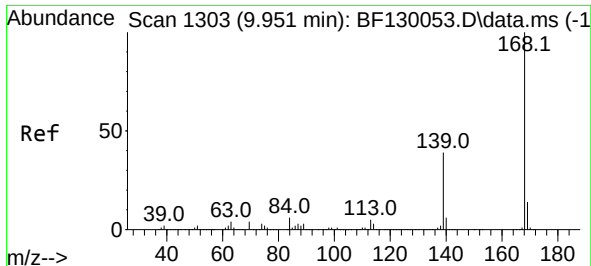
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#54
2,4-Dinitrophenol
Concen: 77.370 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

Tgt Ion:184 Resp: 156914
Ion Ratio Lower Upper
184 100
63 71.2 59.6 89.4
154 67.5 55.3 82.9





#55

Dibenzofuran

Concen: 44.866 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

Instrument :

BNA_F

ClientSampleId :

SB-20-COMPMSD

Tgt Ion:168 Resp: 1208550

Ion Ratio Lower Upper

168 100

139 39.7 31.3 46.9

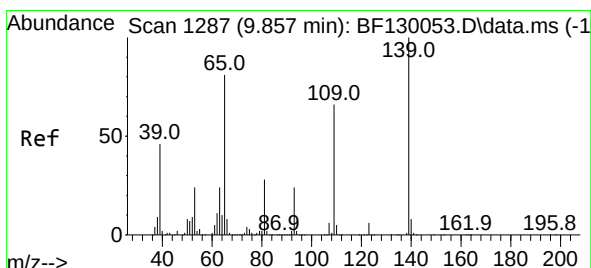
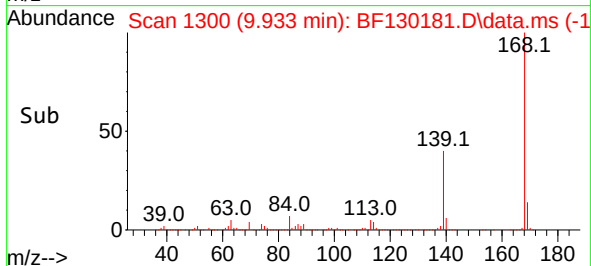
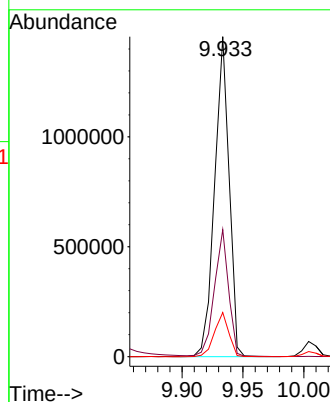
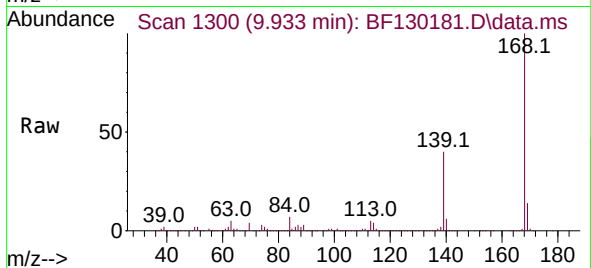
169 13.8 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#56

4-Nitrophenol

Concen: 80.053 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.000 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

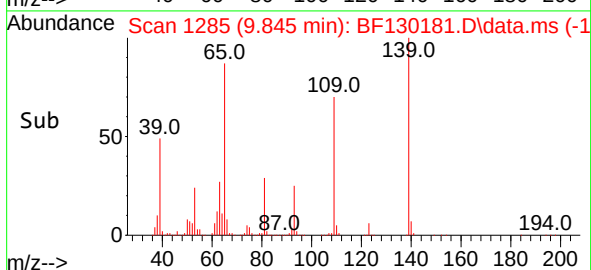
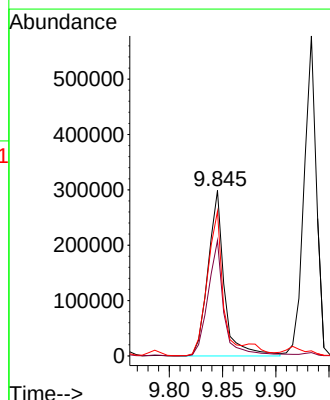
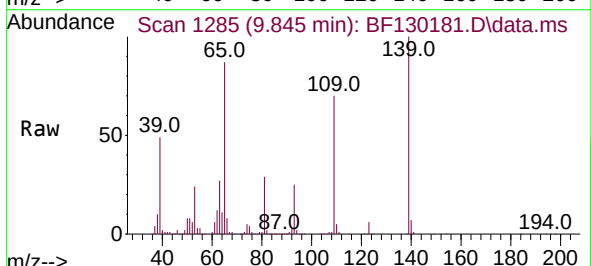
Tgt Ion:139 Resp: 317670

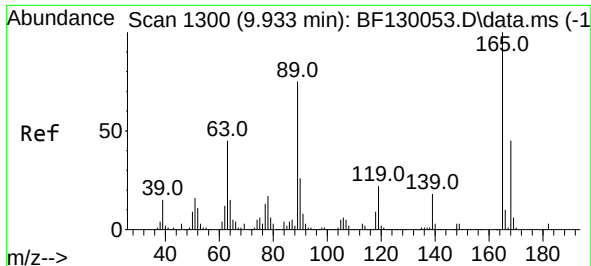
Ion Ratio Lower Upper

139 100

109 69.8 52.9 92.9

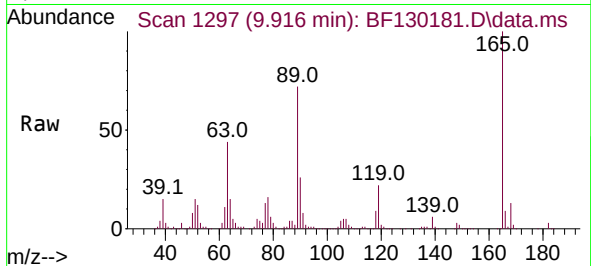
65 87.4 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 51.402 ng
RT: 9.916 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

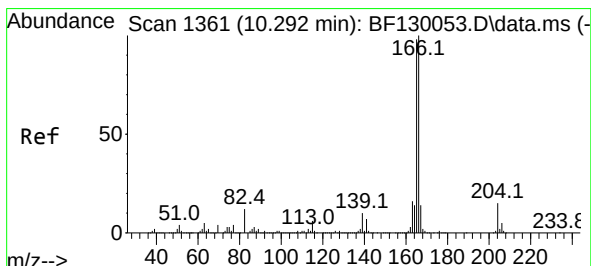
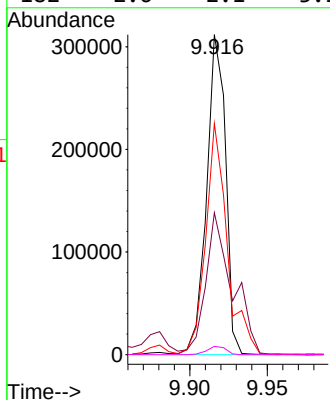
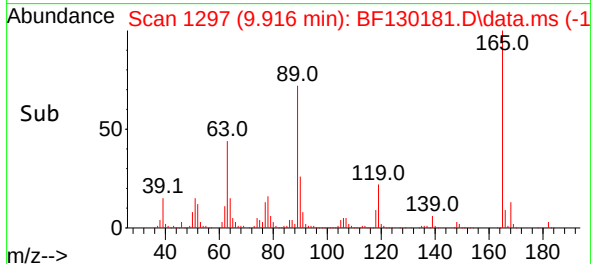
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



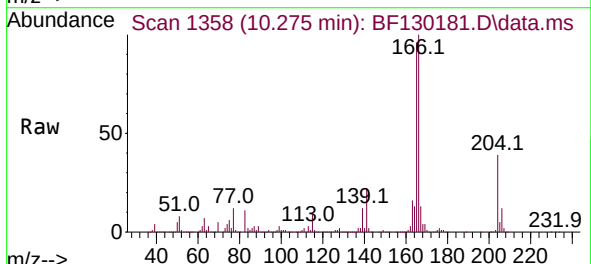
Tgt Ion:165 Resp: 265386
Ion Ratio Lower Upper
165 100
63 44.3 48.4 72.6
89 72.2 62.3 93.5
182 2.6 2.1 3.1

Manual Integrations
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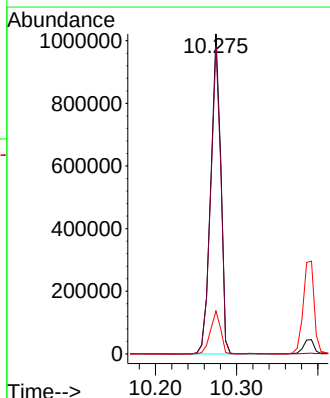
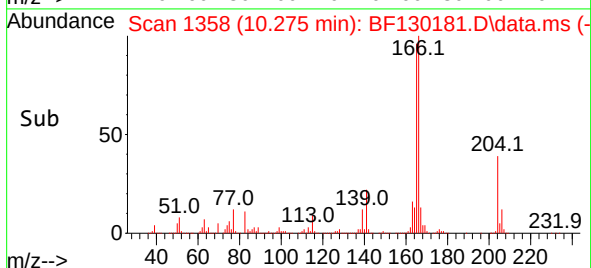
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

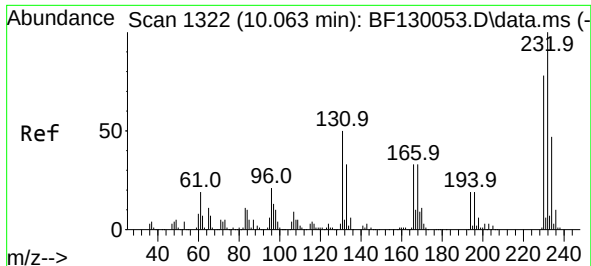


#58
Fluorene
Concen: 42.994 ng
RT: 10.275 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



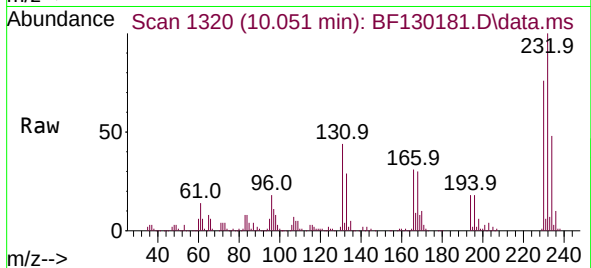
Tgt Ion:166 Resp: 881202
Ion Ratio Lower Upper
166 100
165 96.1 77.9 116.9
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.903 ng
RT: 10.051 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

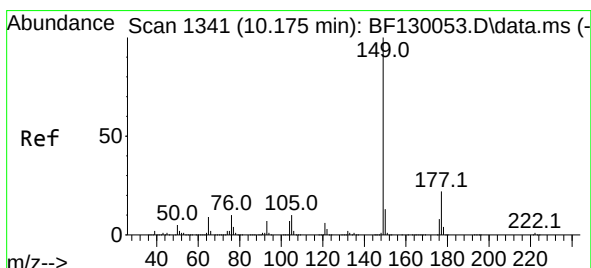
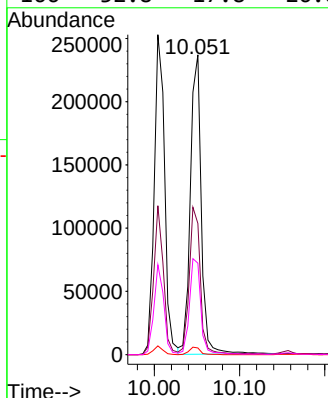
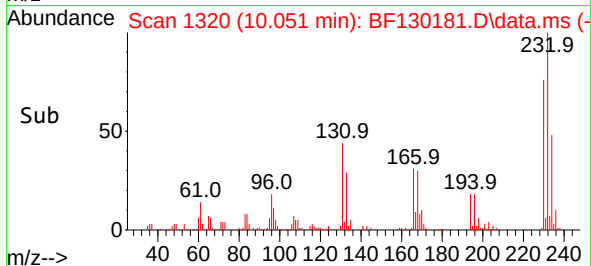
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



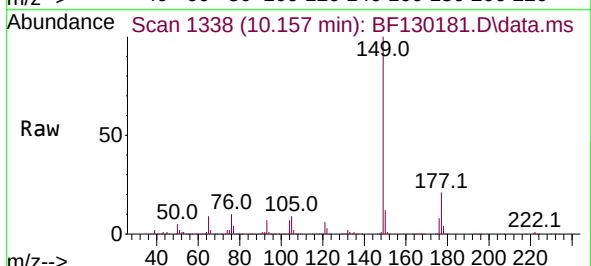
Tgt Ion:232 Resp: 211136
Ion Ratio Lower Upper
232 100
131 48.8 29.9 44.9
130 2.5 1.5 2.3
166 32.8 17.8 26.8

Manual Integrations
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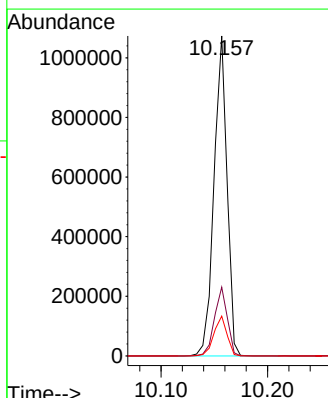
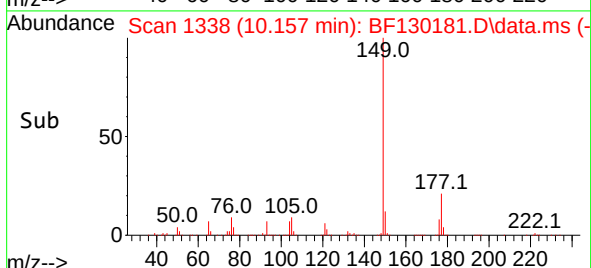
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

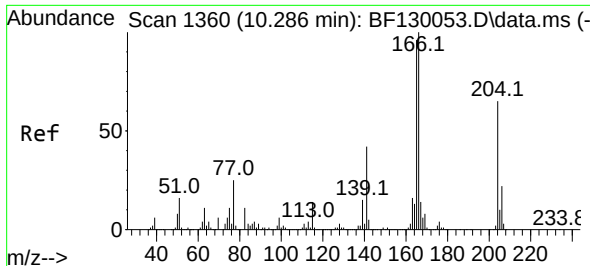


#60
Diethylphthalate
Concen: 41.052 ng
RT: 10.157 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



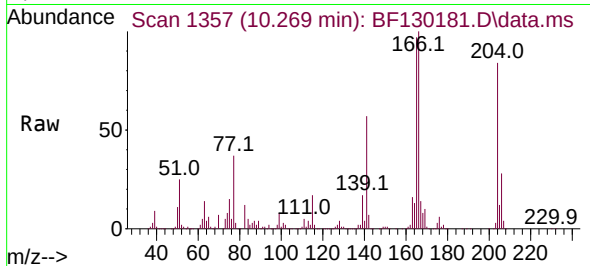
Tgt Ion:149 Resp: 913453
Ion Ratio Lower Upper
149 100
177 21.5 17.7 26.5
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.279 ng
RT: 10.269 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

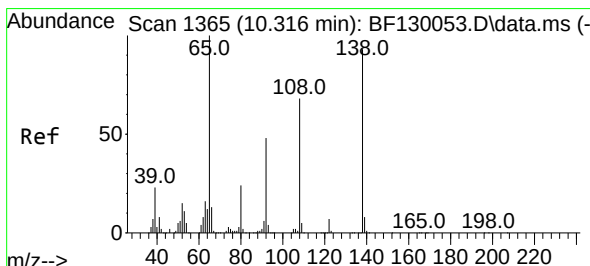
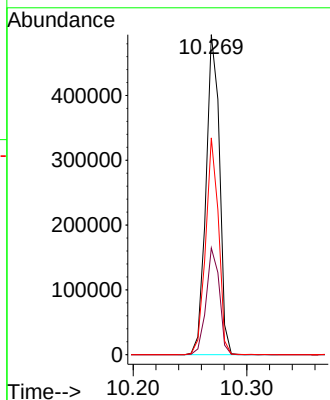
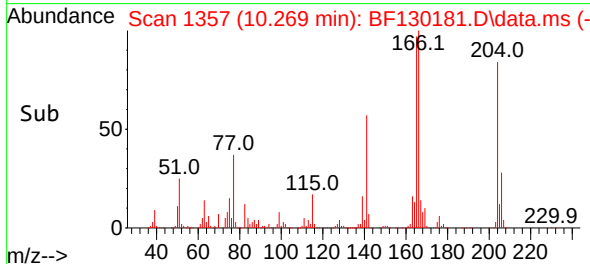
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



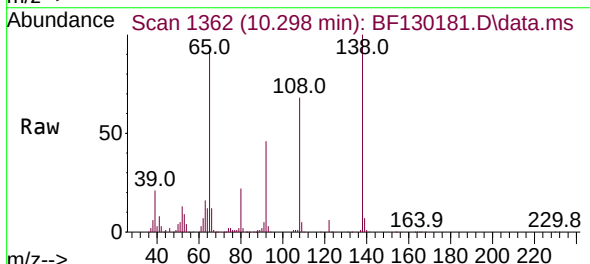
Tgt Ion: 204 Resp: 410245
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 67.7 52.6 79.0

Manual Integrations
APPROVED

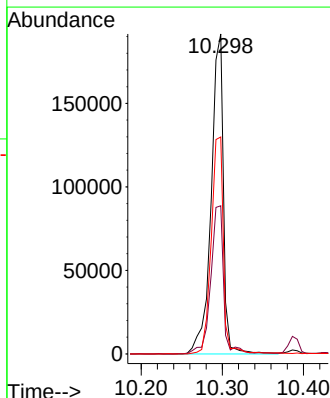
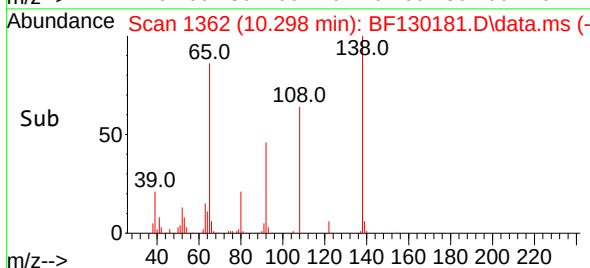
Reviewed By : Christian Giraldo 09/09/2022
Supervised By : Jagrut Upadhyay 09/09/2022

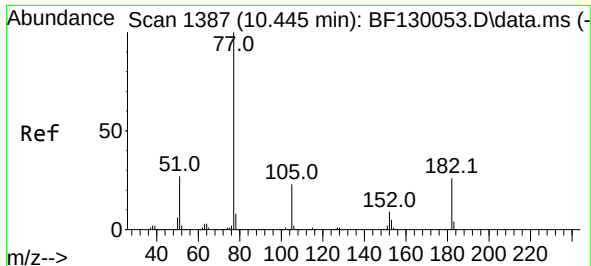


#62
4-Nitroaniline
Concen: 40.228 ng
RT: 10.298 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



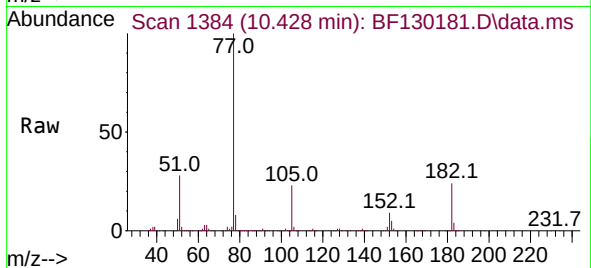
Tgt Ion: 138 Resp: 201373
Ion Ratio Lower Upper
138 100
92 46.3 30.3 70.3
108 67.8 55.7 95.7





#63
Azobenzene
Concen: 40.801 ng
RT: 10.428 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

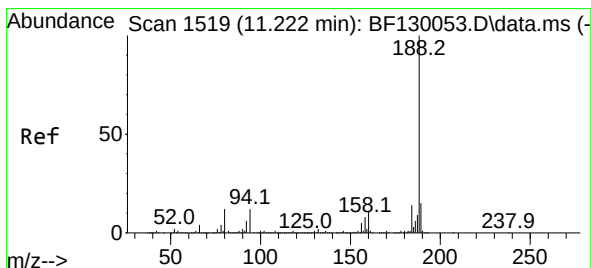
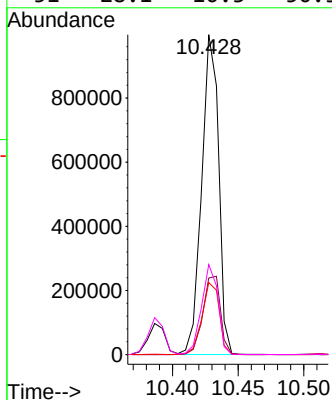
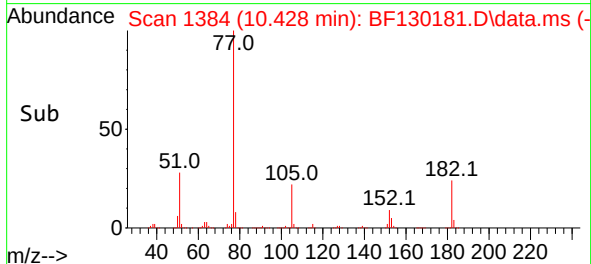
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



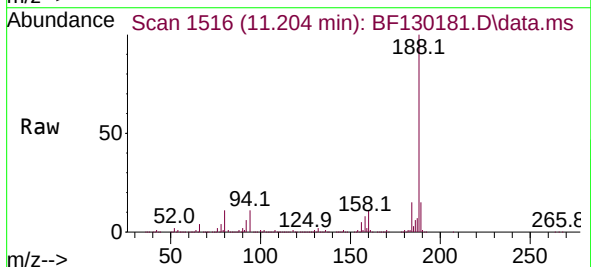
Tgt Ion: 77 Resp: 893874
Ion Ratio Lower Upper
77 100
182 23.9 2.2 42.2
105 22.5 0.8 40.8
51 28.1 10.3 50.3

Manual Integrations
APPROVED

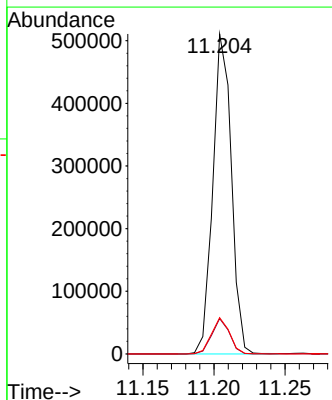
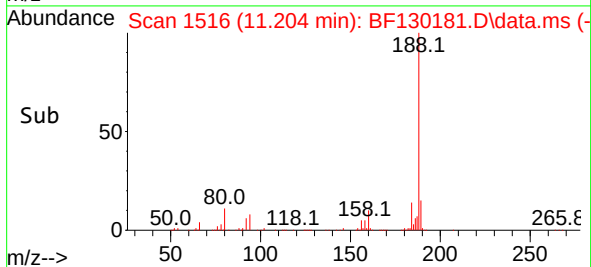
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

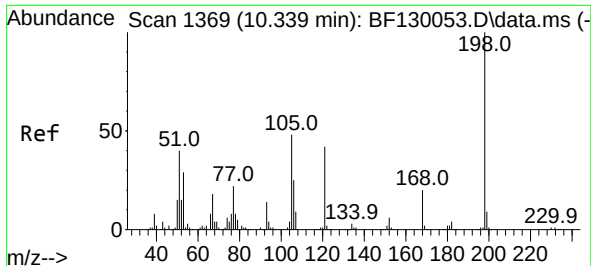


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



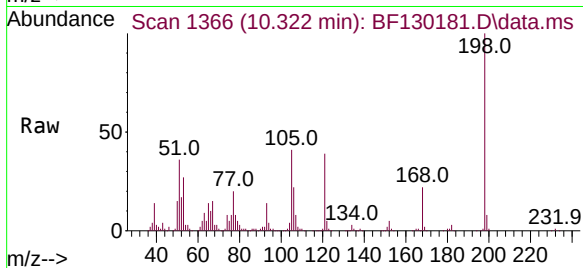
Tgt Ion:188 Resp: 463636
Ion Ratio Lower Upper
188 100
94 11.0 7.4 11.2
80 11.4 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 49.089 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

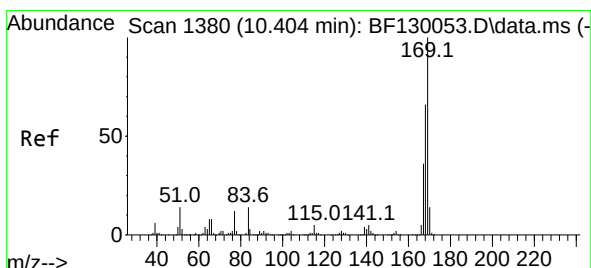
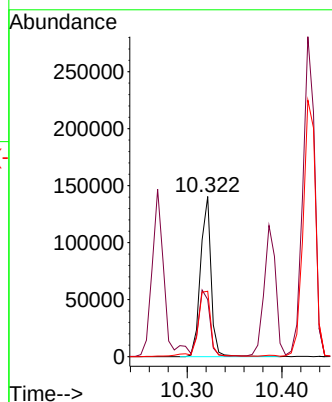
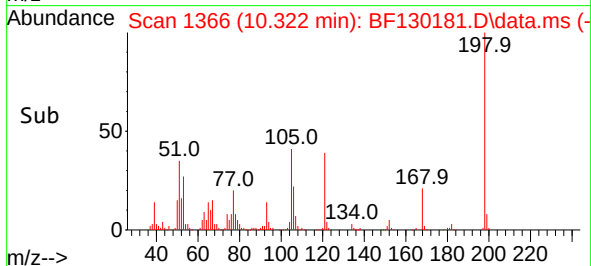
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



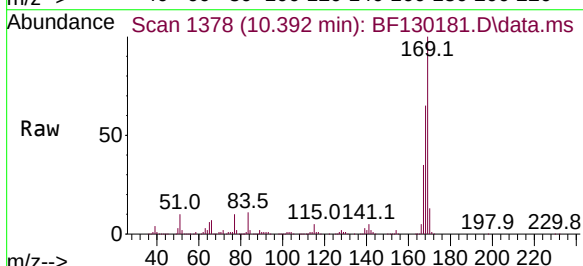
Tgt Ion:198 Resp: 107492
Ion Ratio Lower Upper
198 100
51 35.7 29.4 69.4
105 40.8 29.2 69.2

Manual Integrations
APPROVED

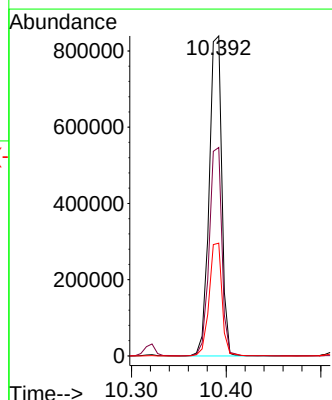
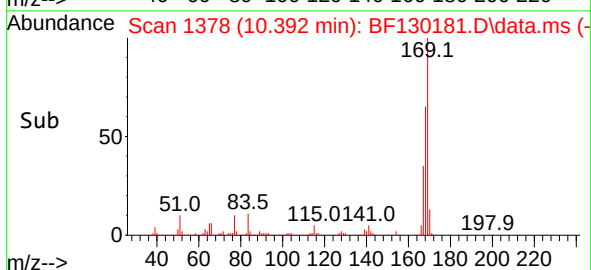
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

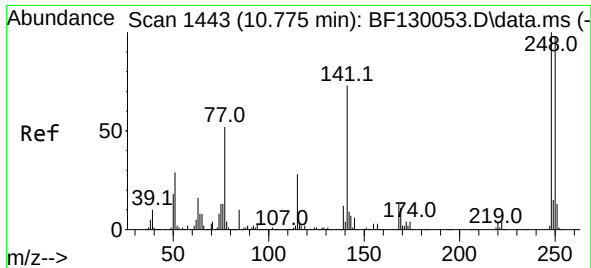


#66
n-Nitrosodiphenylamine
Concen: 50.314 ng
RT: 10.392 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



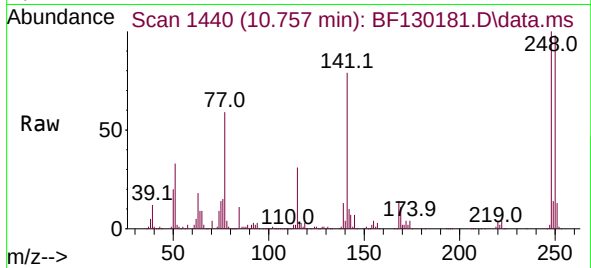
Tgt Ion:169 Resp: 779820
Ion Ratio Lower Upper
169 100
168 65.1 53.4 80.2
167 35.2 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 50.928 ng
RT: 10.757 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

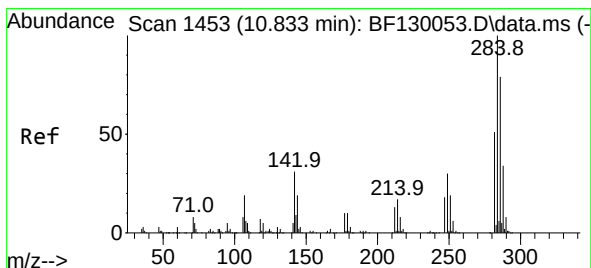
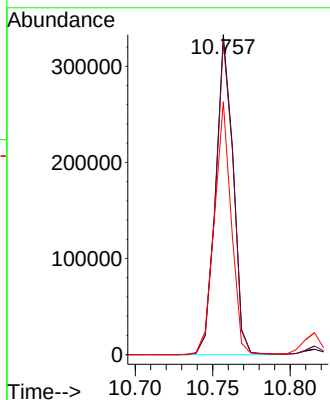
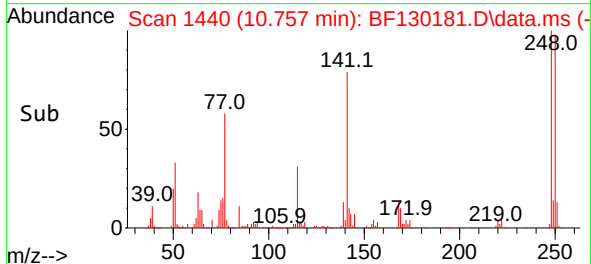
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



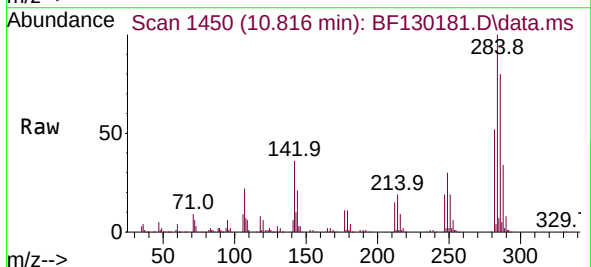
Tgt Ion:248 Resp: 262640
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 79.0 66.2 99.2

Manual Integrations
APPROVED

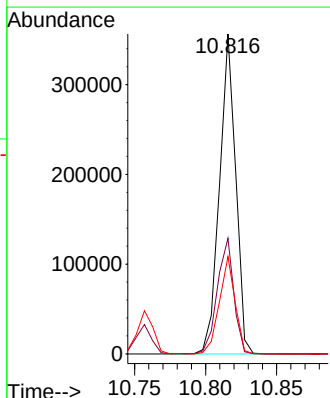
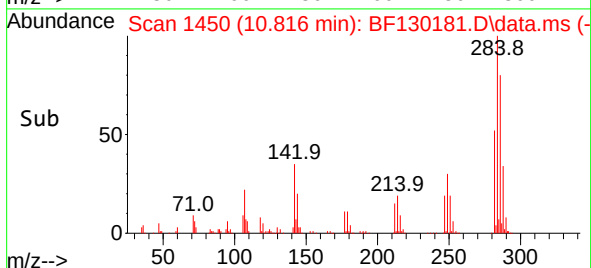
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

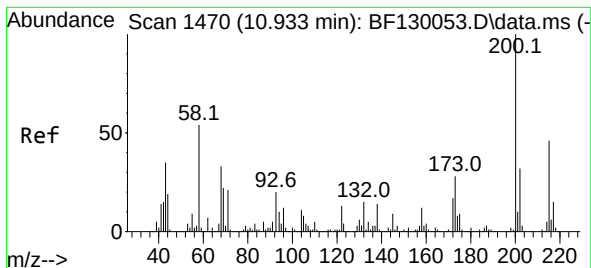


#68
Hexachlorobenzene
Concen: 50.438 ng
RT: 10.816 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



Tgt Ion:284 Resp: 283424
Ion Ratio Lower Upper
284 100
142 36.1 31.4 47.0
249 30.4 25.7 38.5





#69

Atrazine

Concen: 48.359 ng

RT: 10.916 min Scan# 1467

Delta R.T. -0.012 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

Instrument :

BNA_F

ClientSampleId :

SB-20-COMPMSD

Tgt Ion:200 Resp: 21204

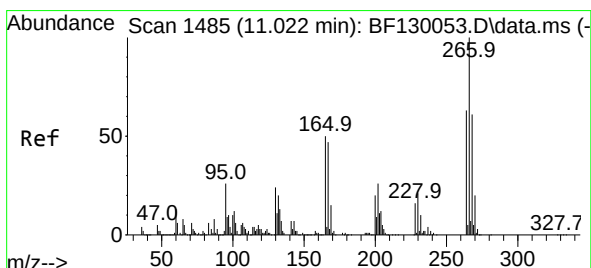
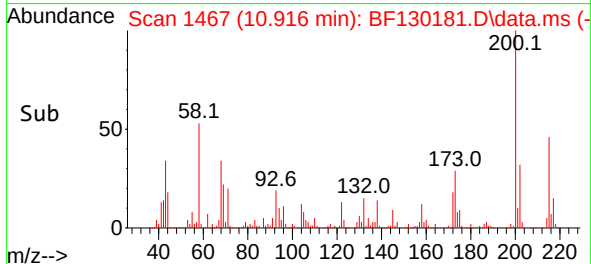
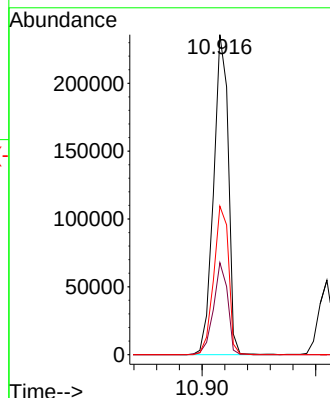
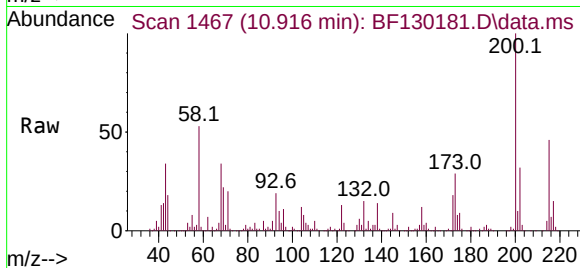
Ion	Ratio	Lower	Upper
200	100		
173	28.7	6.4	46.4
215	46.4	27.1	67.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#70

Pentachlorophenol

Concen: 83.578 ng

RT: 11.010 min Scan# 1483

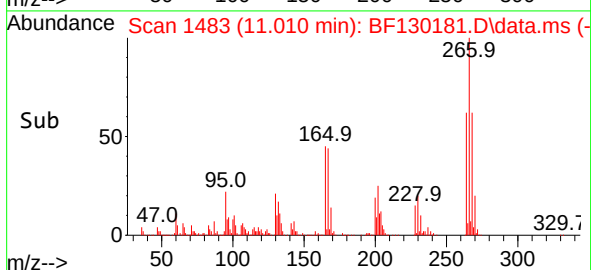
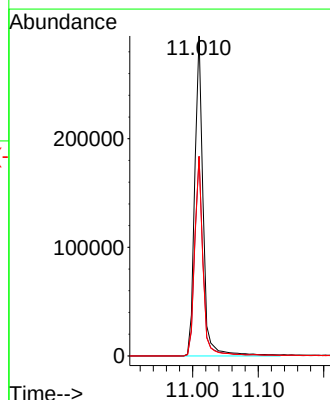
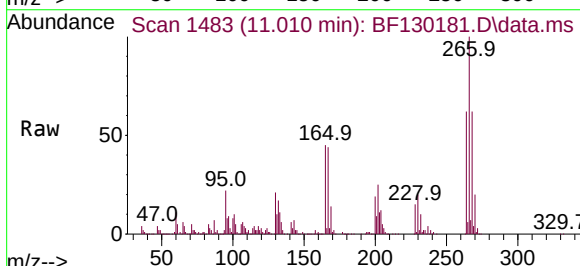
Delta R.T. -0.006 min

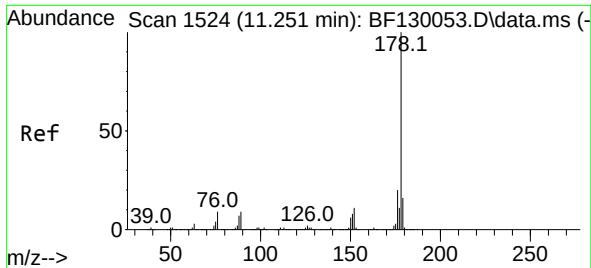
Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

Tgt Ion:266 Resp: 262620

Ion	Ratio	Lower	Upper
266	100		
268	62.3	49.0	73.4
264	62.3	47.9	71.9





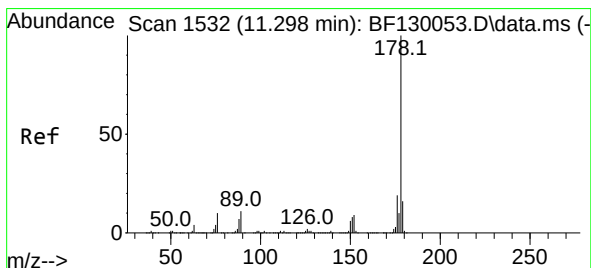
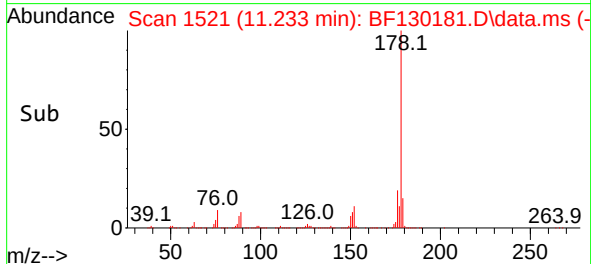
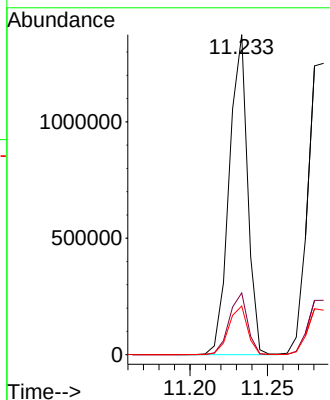
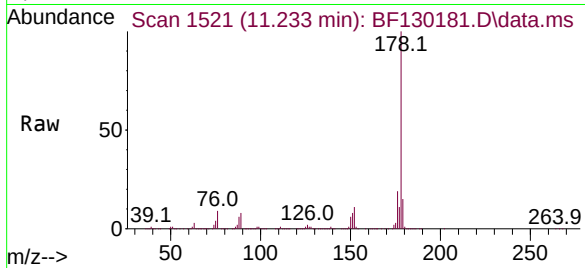
#71
Phenanthrene
Concen: 45.297 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD

Tgt Ion:178 Resp: 1138926
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.2 12.5 18.7

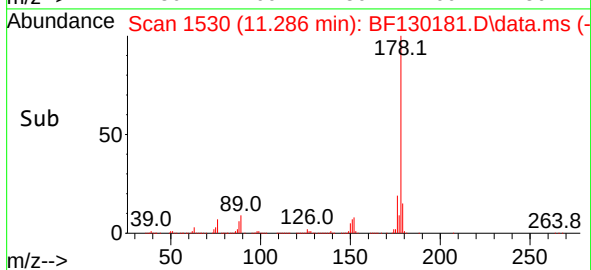
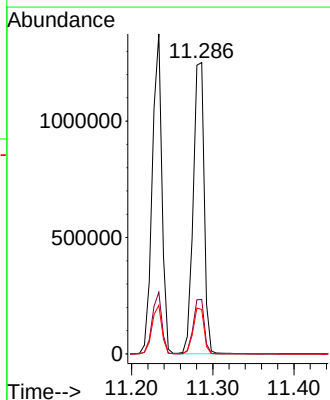
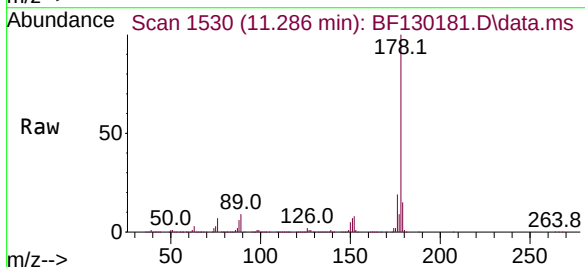
Manual Integrations
APPROVED

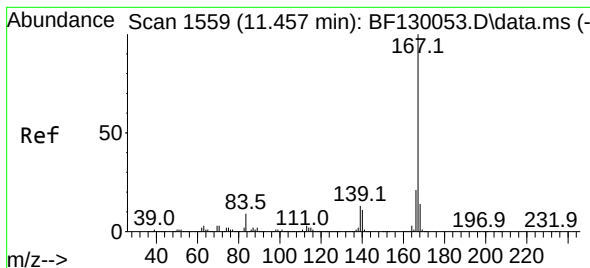
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#72
Anthracene
Concen: 47.306 ng
RT: 11.286 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

Tgt Ion:178 Resp: 1169285
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.3 12.6 18.8





#73

Carbazole

Concen: 43.244 ng

RT: 11.439 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130181.D

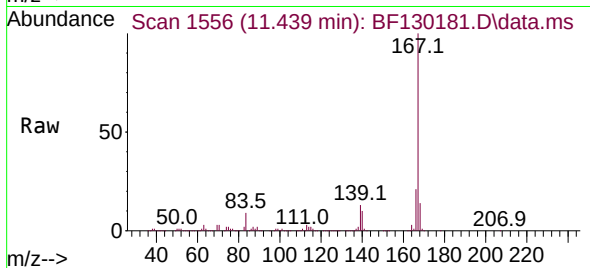
Acq: 08 Sep 2022 16:34

Instrument :

BNA_F

ClientSampleId :

SB-20-COMPMSD



Tgt Ion:167 Resp: 985674

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

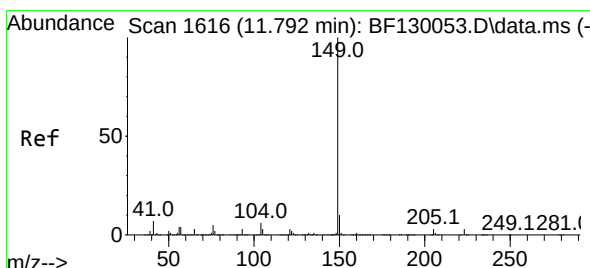
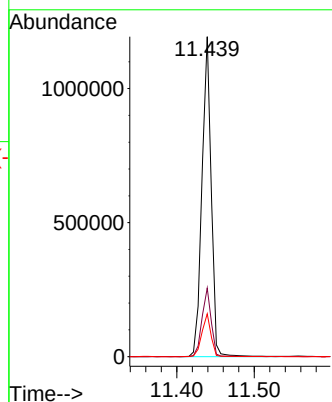
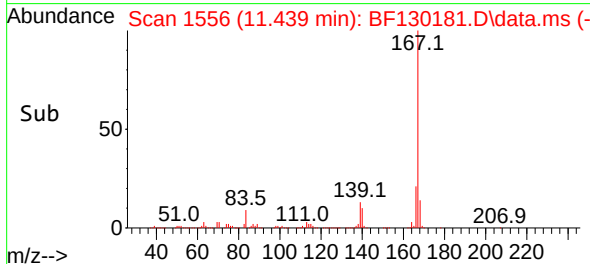
139 13.4 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#74

Di-n-butylphthalate

Concen: 44.390 ng

RT: 11.774 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

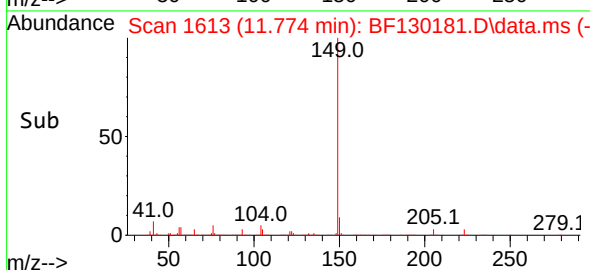
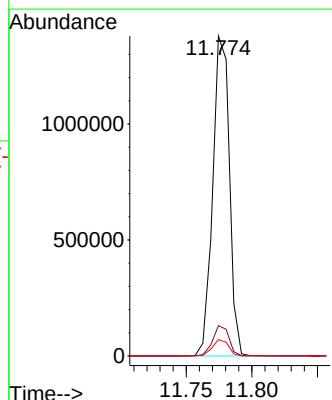
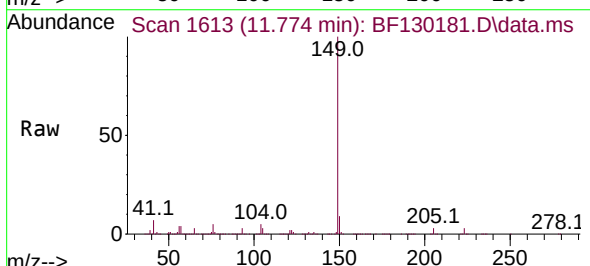
Tgt Ion:149 Resp: 1220067

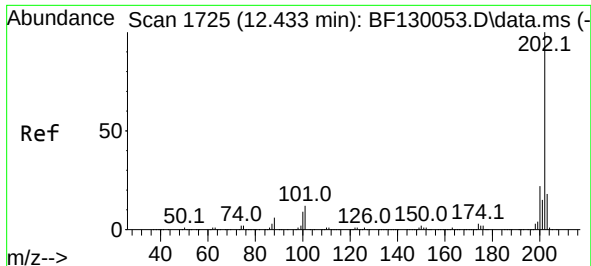
Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

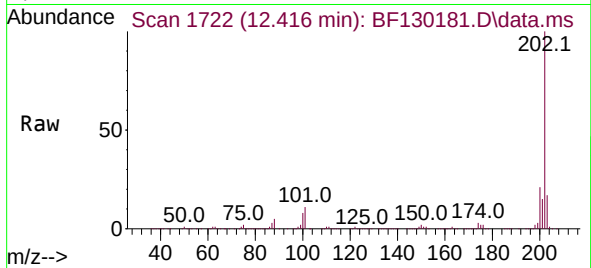
104 5.1 4.2 6.4





#75
Fluoranthene
Concen: 41.165 ng
RT: 12.416 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

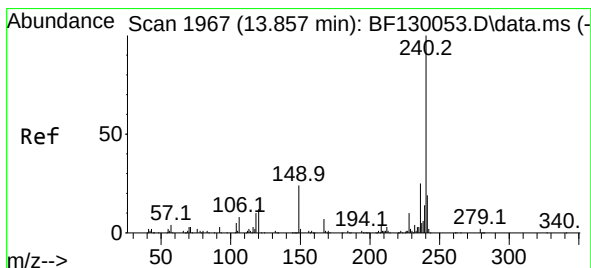
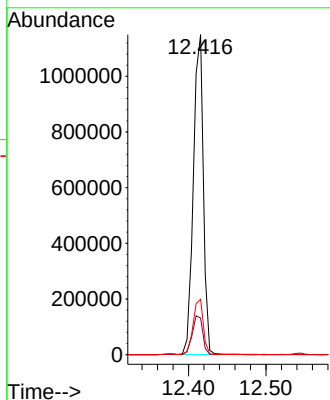
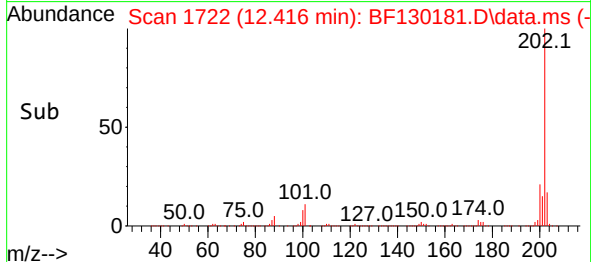
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



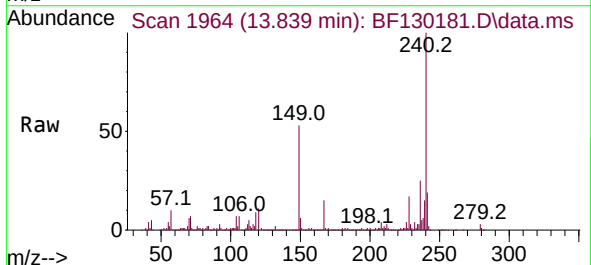
Tgt Ion:202 Resp: 1026379
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 17.3 0.0 37.5

Manual Integrations
APPROVED

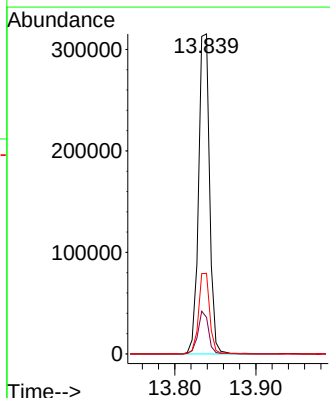
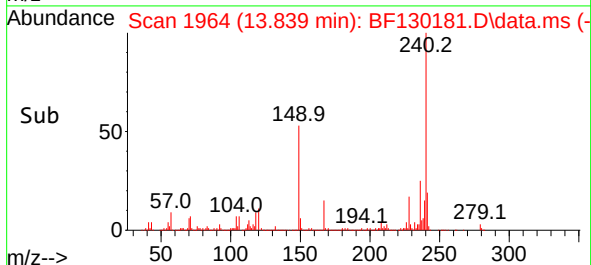
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

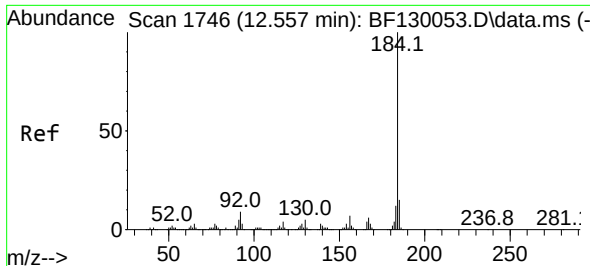


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34



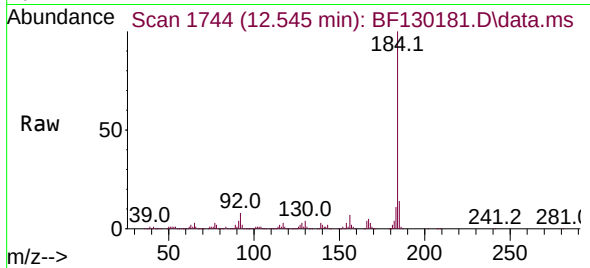
Tgt Ion:240 Resp: 295758
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.2 20.7 31.1





#77
Benzidine
Concen: 75.771 ng
RT: 12.545 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

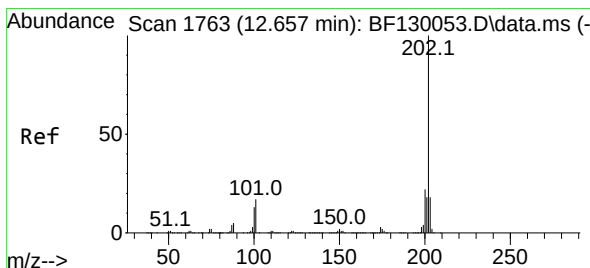
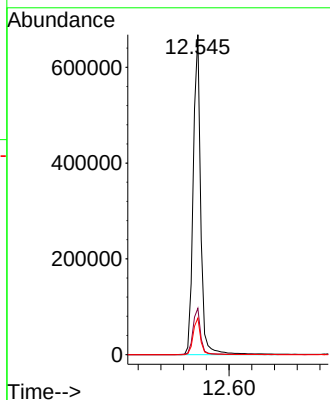
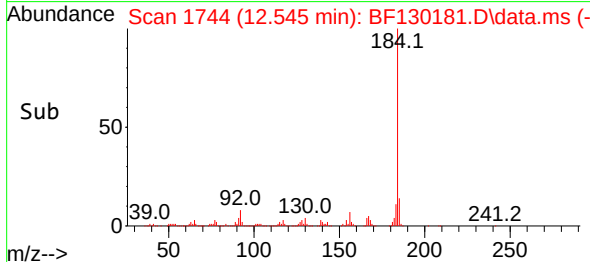
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion:184 Resp: 605041
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 11.4 9.4 14.2

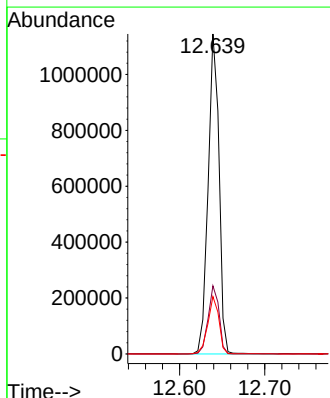
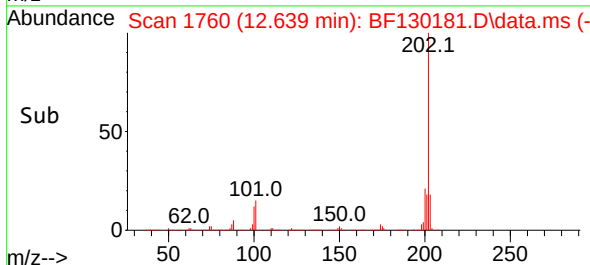
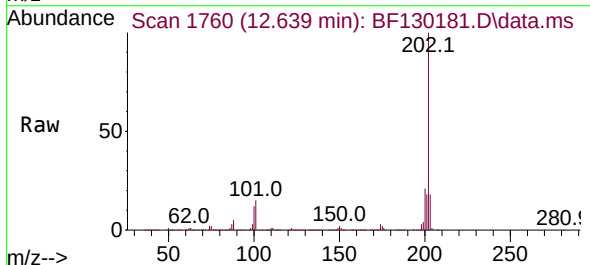
Manual Integrations
APPROVED

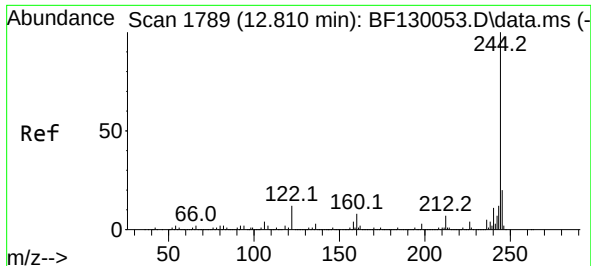
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#78
Pyrene
Concen: 38.342 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.012 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

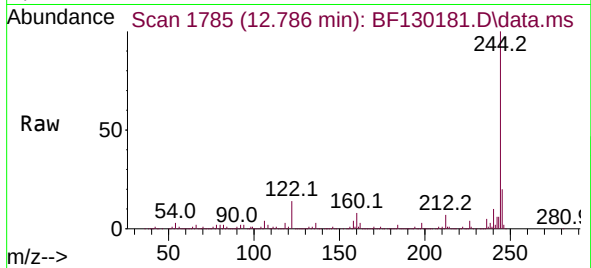
Tgt Ion:202 Resp: 1017138
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.9 14.1 21.1





#79
 Terphenyl-d14
 Concen: 51.662 ng
 RT: 12.786 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130181.D
 Acq: 08 Sep 2022 16:34

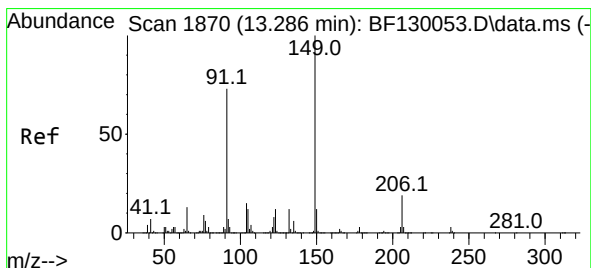
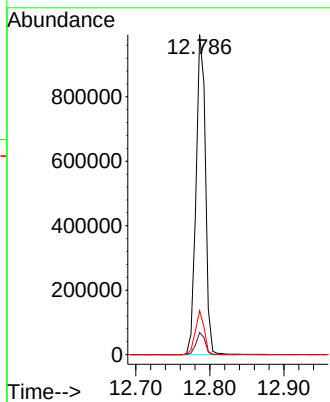
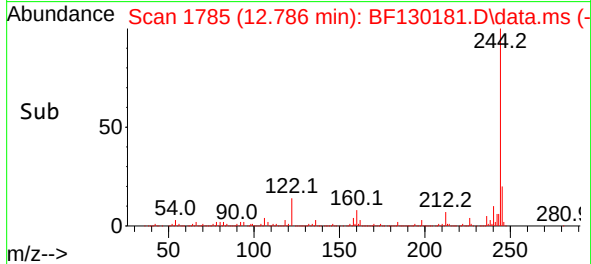
Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMPMSD



Tgt Ion:244 Resp: 881109
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 13.7 9.9 14.9

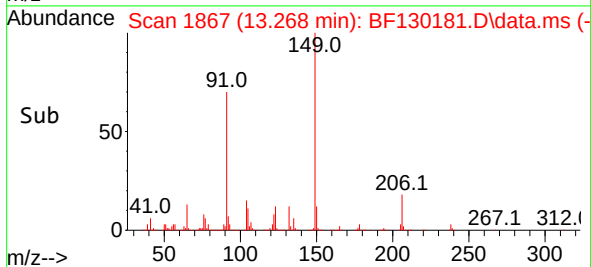
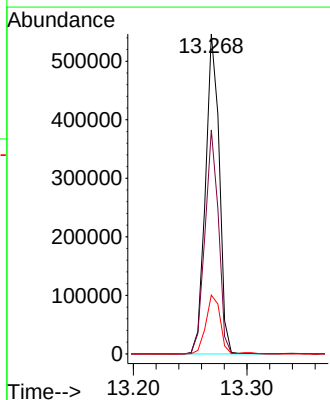
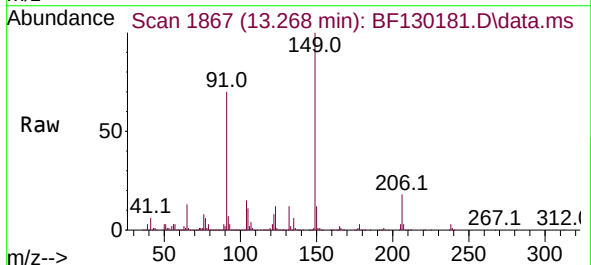
Manual Integrations
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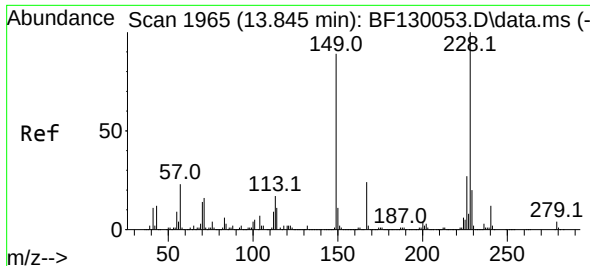
Reviewed By :Christian Giraldo 09/09/2022
 Supervised By :Jagrut Upadhyay 09/09/2022



#80
 Butylbenzylphthalate
 Concen: 43.763 ng
 RT: 13.268 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: BF130181.D
 Acq: 08 Sep 2022 16:34

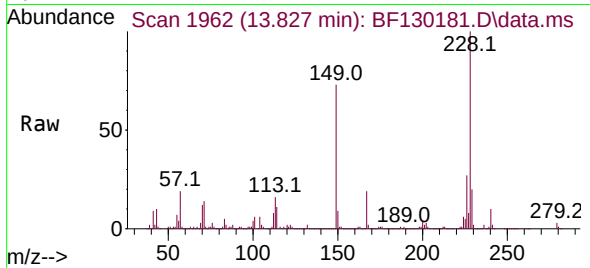
Tgt Ion:149 Resp: 461767
 Ion Ratio Lower Upper
 149 100
 91 70.0 55.4 83.0
 206 18.4 15.8 23.6





#81
Benzo(a)anthracene
Concen: 44.728 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

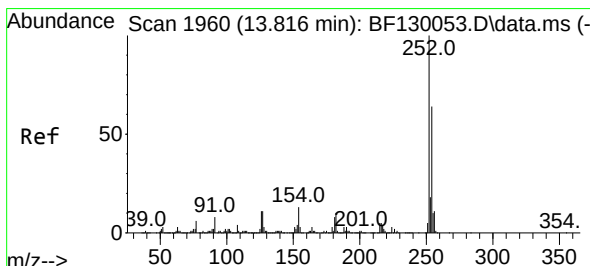
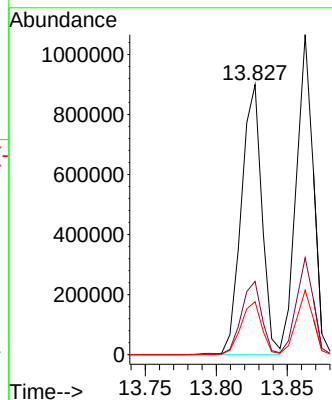
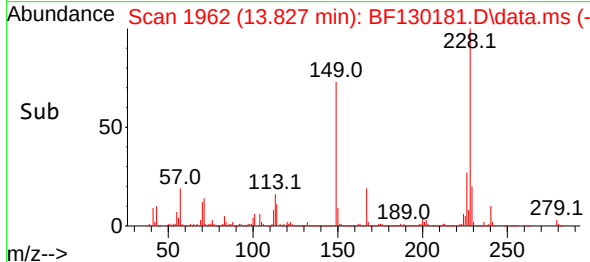
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion:228 Resp: 906572
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 19.6 16.1 24.1

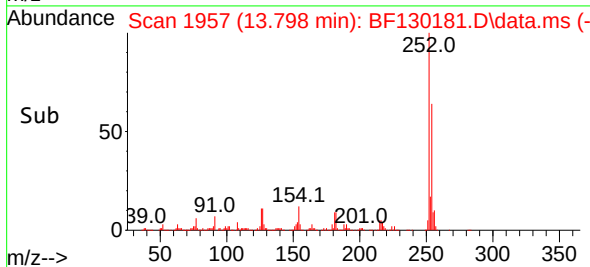
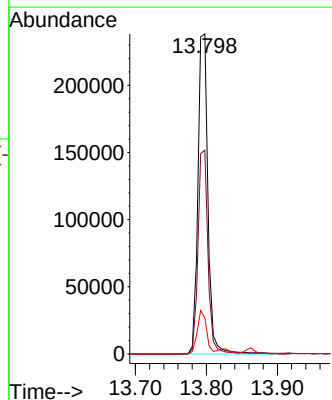
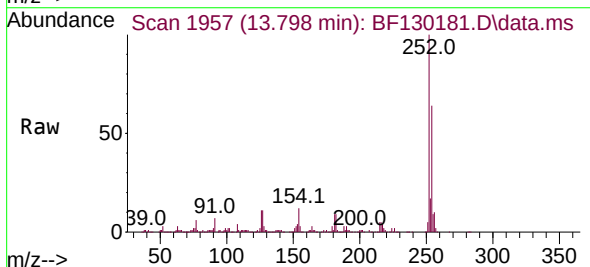
Manual Integrations
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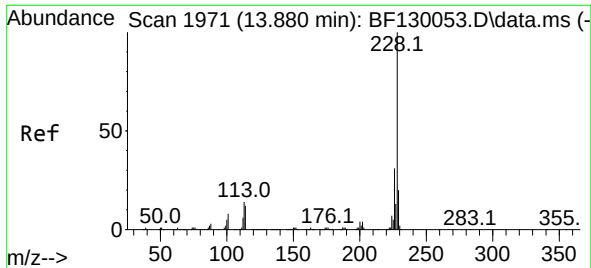
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#82
3,3'-Dichlorobenzidine
Concen: 36.781 ng
RT: 13.798 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

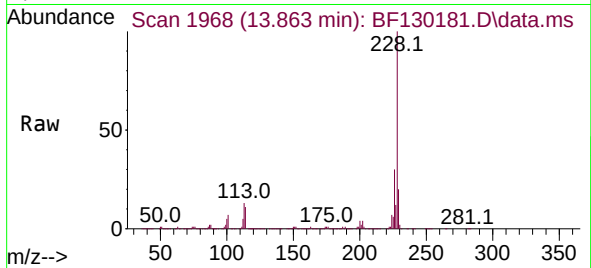
Tgt Ion:252 Resp: 232481
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.2
126 11.2 10.2 15.4





#83
Chrysene
Concen: 44.705 ng
RT: 13.863 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

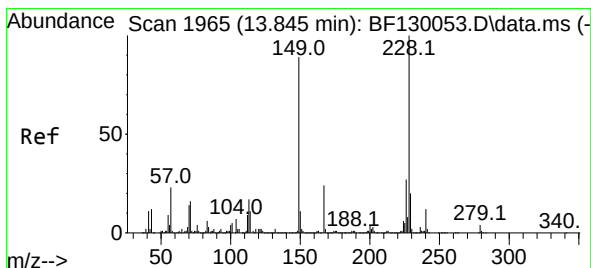
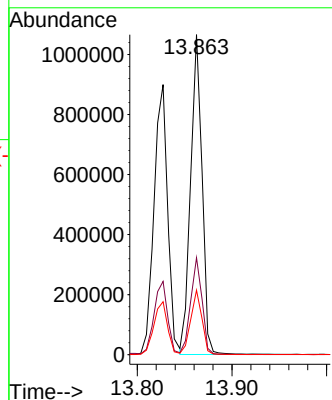
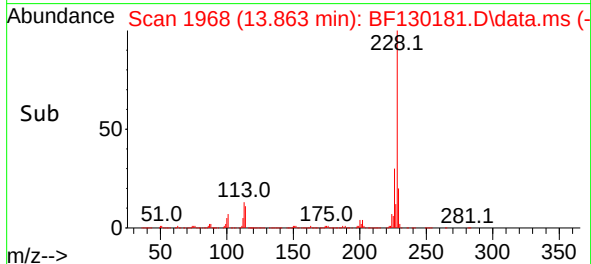
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion:228 Resp: 893339
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 20.1 15.9 23.9

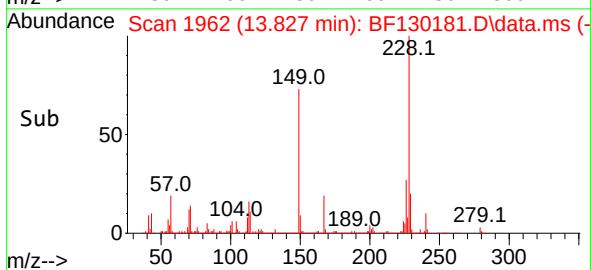
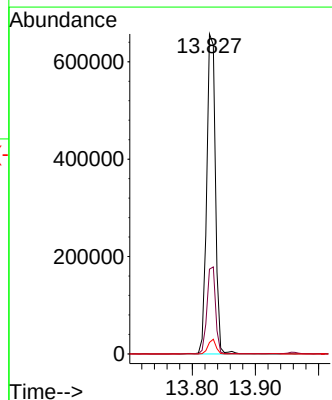
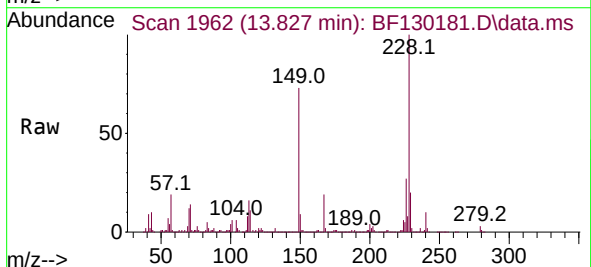
Manual Integrations
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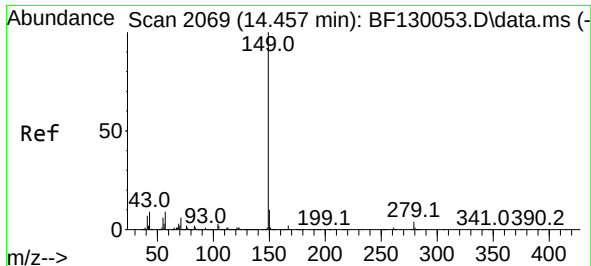
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.554 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

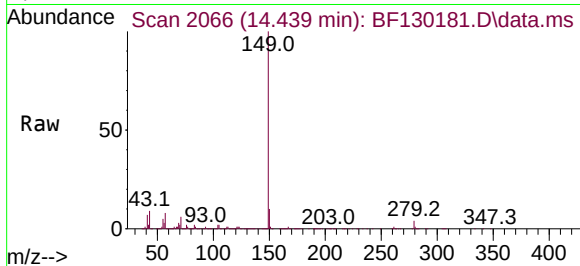
Tgt Ion:149 Resp: 623696
Ion Ratio Lower Upper
149 100
167 26.5 22.0 33.0
279 3.6 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 60.906 ng
RT: 14.439 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

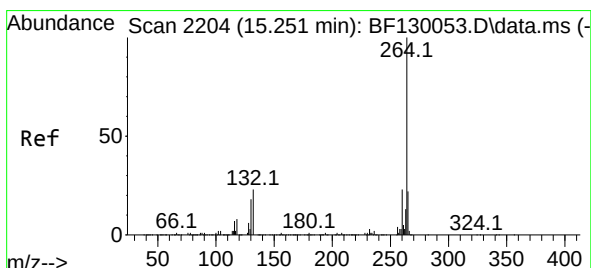
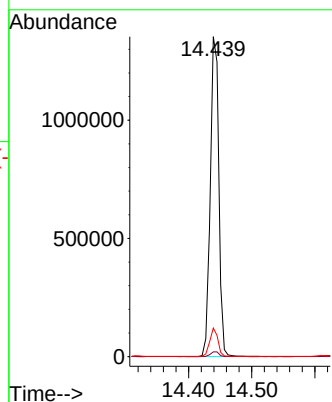
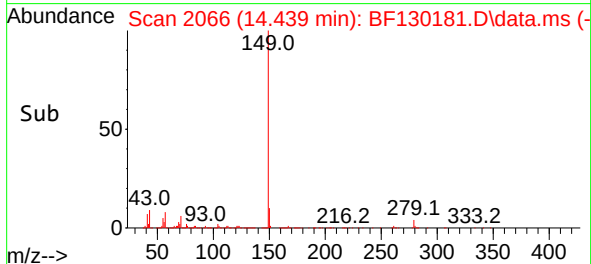
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion:149 Resp: 1261829
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 7.8 11.6

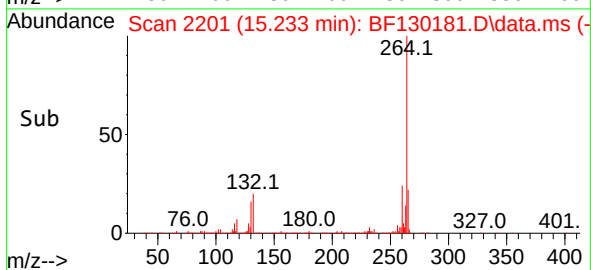
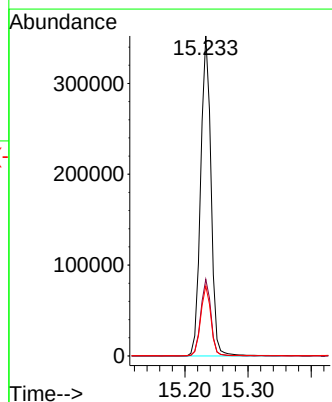
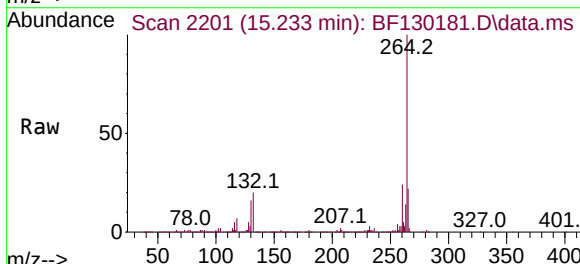
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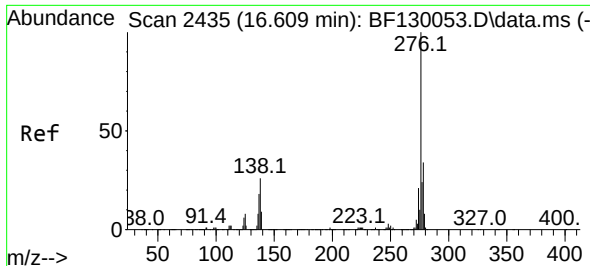
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

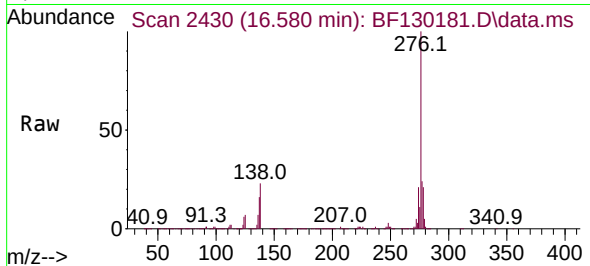
Tgt Ion:264 Resp: 401470
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.8 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.024 ng
RT: 16.580 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

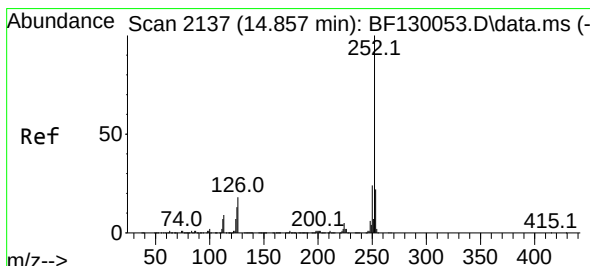
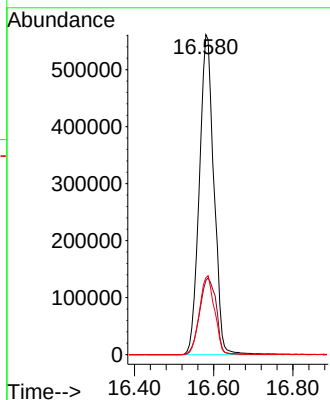
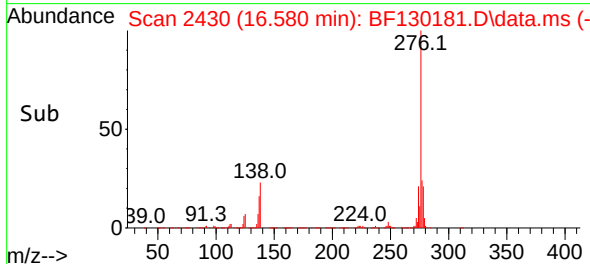
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion:276 Resp: 1430699
Ion Ratio Lower Upper
276 100
138 27.4 19.8 29.8
277 25.6 20.4 30.6

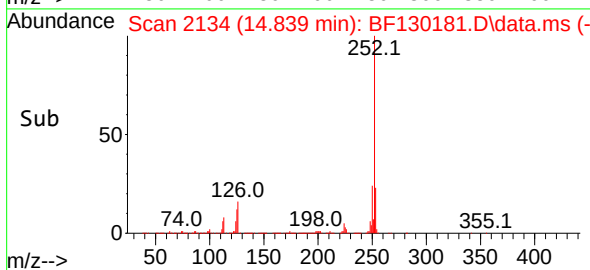
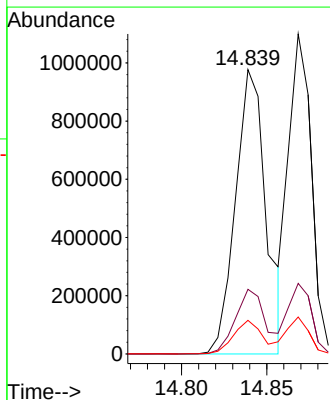
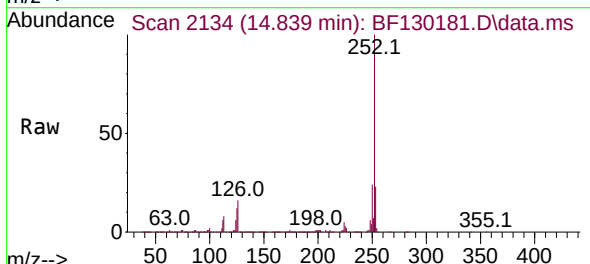
Manual Integrations
APPROVED

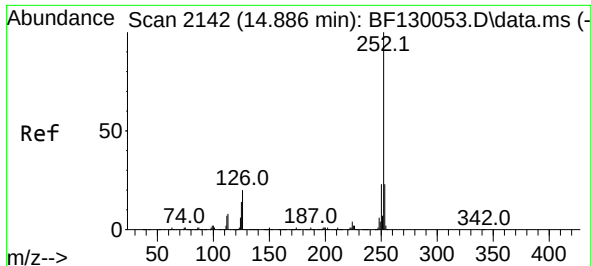
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#88
Benzo(b)fluoranthene
Concen: 45.496 ng
RT: 14.839 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

Tgt Ion:252 Resp: 1218059
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.8 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 40.172 ng

RT: 14.868 min Scan# 2142

Delta R.T. -0.006 min

Lab File: BF130181.D

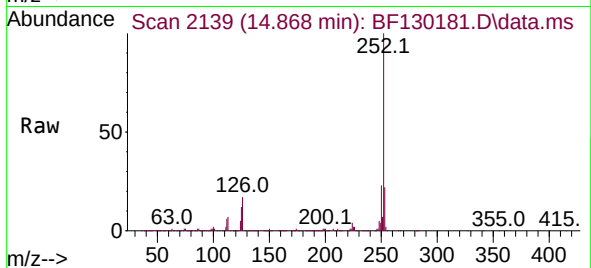
Acq: 08 Sep 2022 16:34

Instrument :

BNA_F

ClientSampleId :

SB-20-COMPMSD



Tgt Ion:252 Resp: 1040170

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

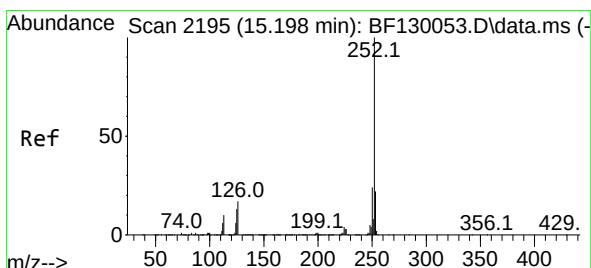
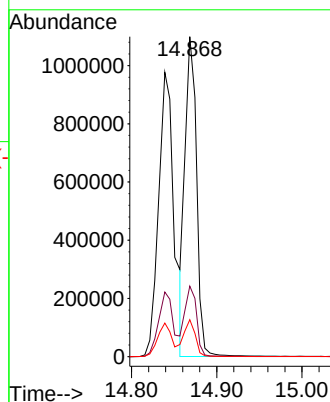
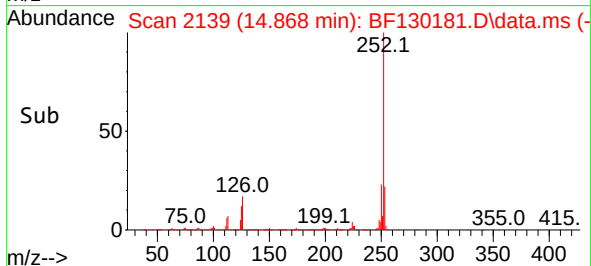
125 11.6 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#90

Benzo(a)pyrene

Concen: 49.567 ng

RT: 15.180 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BF130181.D

Acq: 08 Sep 2022 16:34

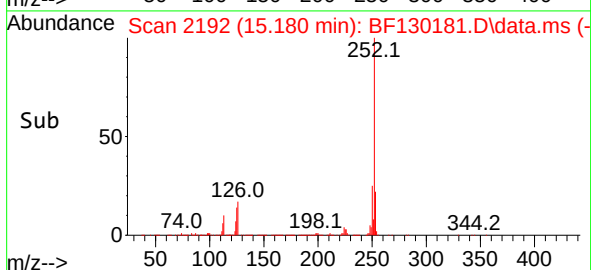
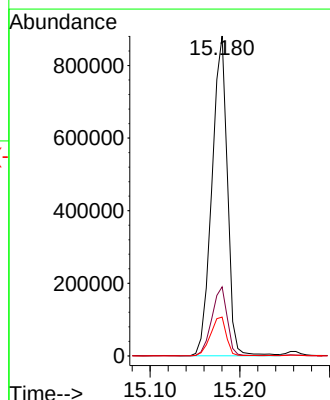
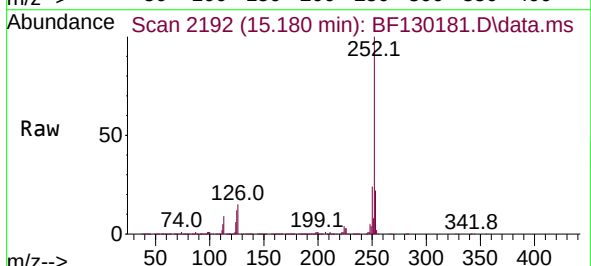
Tgt Ion:252 Resp: 1054486

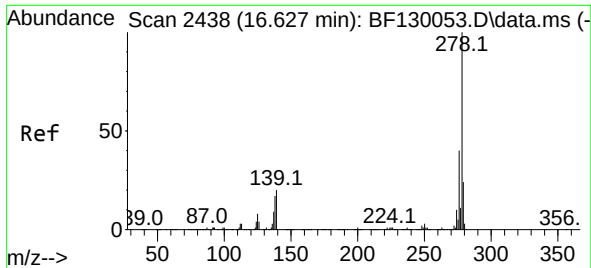
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

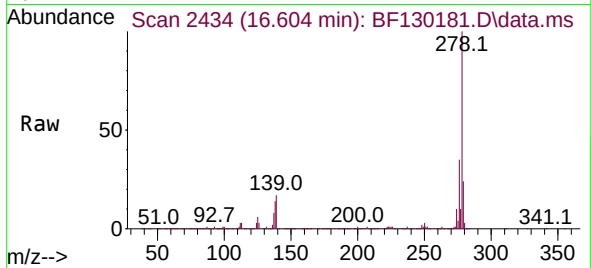
125 12.1 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 56.467 ng
RT: 16.604 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

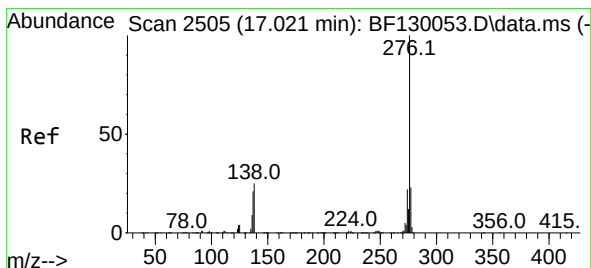
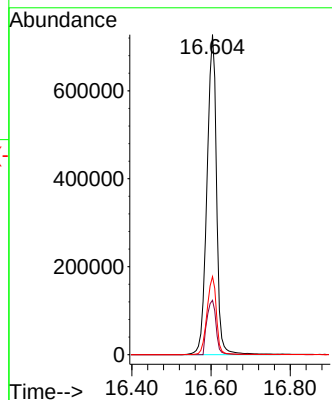
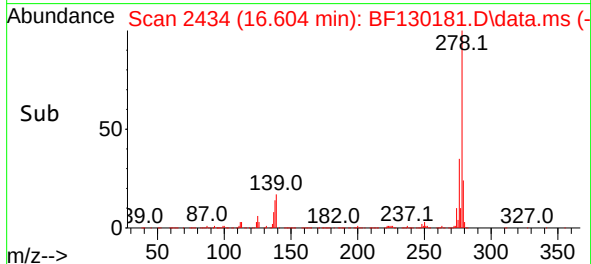
Instrument :
BNA_F
ClientSampleId :
SB-20-COMPMSD



Tgt Ion: 278 Resp: 1223629
Ion Ratio Lower Upper
278 100
139 17.0 12.2 18.4
279 24.4 18.7 28.1

Manual Integrations
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Reviewed By : Christian Giraldo 09/09/2022
Supervised By : Jagrut Upadhyay 09/09/2022



#92
Benzo(g,h,i)perylene
Concen: 57.448 ng
RT: 16.992 min Scan# 2500
Delta R.T. -0.006 min
Lab File: BF130181.D
Acq: 08 Sep 2022 16:34

Tgt Ion: 276 Resp: 1245528
Ion Ratio Lower Upper
276 100
277 24.5 18.2 27.4
138 24.4 15.8 23.8#

