

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130819.D
 Acq On : 28 Oct 2022 10:41
 Operator : CG\JU
 Sample : PB148383BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148383BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

Quant Time: Oct 28 16:49:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	98039	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	379911	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	210336	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	406432	20.000	ng	0.00
76) Chrysene-d12	14.139	240	263221	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	184248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	529554	93.640	ng	0.01
7) Phenol-d6	6.569	99	674665	91.805	ng	0.00
23) Nitrobenzene-d5	7.522	82	641205	101.771	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	187627	105.968	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1168696	84.005	ng	0.00
79) Terphenyl-d14	13.086	244	1365060	95.031	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.869	88	98370	38.797	ng	90
3) Pyridine	3.616	79	263039	37.039	ng	96
4) n-Nitrosodimethylamine	3.587	42	190464	47.774	ng	100
6) Aniline	6.616	93	392894m	43.236	ng	
8) 2-Chlorophenol	6.740	128	302880	48.078	ng	99
9) Benzaldehyde	6.504	77	169312	35.997	ng	92
10) Phenol	6.587	94	364389	46.077	ng	98
11) bis(2-Chloroethyl)ether	6.687	93	293060	47.537	ng	95
12) 1,3-Dichlorobenzene	6.898	146	325683	45.623	ng	99
13) 1,4-Dichlorobenzene	6.975	146	328791	45.375	ng	99
14) 1,2-Dichlorobenzene	7.128	146	317883	47.369	ng	100
15) Benzyl Alcohol	7.092	79	280143m	44.831	ng	
16) 2,2'-oxybis(1-Chloropr...	7.228	45	531552	48.372	ng	99
17) 2-Methylphenol	7.198	107	245650	45.622	ng	99
18) Hexachloroethane	7.469	117	126086	48.146	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	228618	45.723	ng	97
20) 3+4-Methylphenols	7.351	107	311786	44.535	ng	94
22) Acetophenone	7.369	105	433425	47.055	ng	98
24) Nitrobenzene	7.539	77	339177	49.232	ng	99
25) Isophorone	7.781	82	629808	48.475	ng	100
26) 2-Nitrophenol	7.857	139	137634	50.442	ng	94
27) 2,4-Dimethylphenol	7.887	122	285807	52.857	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	356963	49.195	ng	98
29) 2,4-Dichlorophenol	8.092	162	255588	45.949	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	264286	44.185	ng	96
31) Naphthalene	8.263	128	876637	44.227	ng	99
32) Benzoic acid	8.004	122	182078	47.480	ng	94
33) 4-Chloroaniline	8.310	127	277465	35.425	ng	97
34) Hexachlorobutadiene	8.375	225	181042	45.596	ng	99
35) Caprolactam	8.681	113	87735m	49.220	ng	
36) 4-Chloro-3-methylphenol	8.786	107	284549	47.161	ng	97
37) 2-Methylnaphthalene	8.957	142	551808	44.258	ng	99
38) 1-Methylnaphthalene	9.057	142	529163	43.611	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	276279	46.319	ng	99
41) Hexachlorocyclopentadiene	9.110	237	370299	118.154	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	186986	45.114	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	202878	45.815	ng	96
46) 1,1'-Biphenyl	9.422	154	690542	46.081	ng	99
47) 2-Chloronaphthalene	9.445	162	531930	44.268	ng	100
48) 2-Nitroaniline	9.539	65	192862	49.749	ng	99
49) Acenaphthylene	9.869	152	846168	44.562	ng	100
50) Dimethylphthalate	9.722	163	656388	45.434	ng	99
51) 2,6-Dinitrotoluene	9.786	165	139236	50.542	ng	# 82
52) Acenaphthene	10.039	154	583594	49.703	ng	99
53) 3-Nitroaniline	9.951	138	123229	43.792	ng	# 94
54) 2,4-Dinitrophenol	10.057	184	124852	89.718	ng	95
55) Dibenzofuran	10.210	168	759693	44.637	ng	99
56) 4-Nitrophenol	10.104	139	232154	104.194	ng	97
57) 2,4-Dinitrotoluene	10.186	165	182571	52.532	ng	# 88
58) Fluorene	10.557	166	592886	44.241	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	168074	46.037	ng	100
60) Diethylphthalate	10.428	149	667001	46.945	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	292424	45.612	ng	98
62) 4-Nitroaniline	10.575	138	148234	52.023	ng	97
63) Azobenzene	10.704	77	680387	45.874	ng	98
65) 4,6-Dinitro-2-methylph...	10.592	198	76763	45.656	ng	94
66) n-Nitrosodiphenylamine	10.663	169	562469	44.368	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	188688	46.164	ng	99
68) Hexachlorobenzene	11.098	284	206830	45.928	ng	98
69) Atrazine	11.192	200	201526	55.045	ng	98
70) Pentachlorophenol	11.292	266	239436	93.175	ng	97
71) Phenanthrene	11.522	178	913657	43.555	ng	100
72) Anthracene	11.575	178	936283	45.252	ng	100
73) Carbazole	11.727	167	835435	45.088	ng	99
74) Di-n-butylphthalate	12.051	149	1043296	46.362	ng	99
75) Fluoranthene	12.710	202	985442	44.214	ng	99
77) Benzidine	12.833	184	488249	76.412	ng	99
78) Pyrene	12.945	202	990847	44.618	ng	99
80) Butylbenzylphthalate	13.557	149	391388	48.987	ng	99
81) Benzo(a)anthracene	14.133	228	781309	44.770	ng	99
82) 3,3'-Dichlorobenzidine	14.092	252	199041	42.258	ng	96
83) Chrysene	14.168	228	724139	43.018	ng	100
84) Bis(2-ethylhexyl)phtha...	14.116	149	494136	51.438	ng	99
85) Di-n-octyl phthalate	14.739	149	678790	51.198	ng	99
87) Indeno(1,2,3-cd)pyrene	17.215	276	614332	50.209	ng	99
88) Benzo(b)fluoranthene	15.210	252	588489	49.410	ng	99
89) Benzo(k)fluoranthene	15.239	252	579155	49.902	ng	99
90) Benzo(a)pyrene	15.592	252	493191	51.511	ng	99
91) Dibenzo(a,h)anthracene	17.239	278	535873	53.725	ng	99
92) Benzo(g,h,i)perylene	17.692	276	546261	53.682	ng	98

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

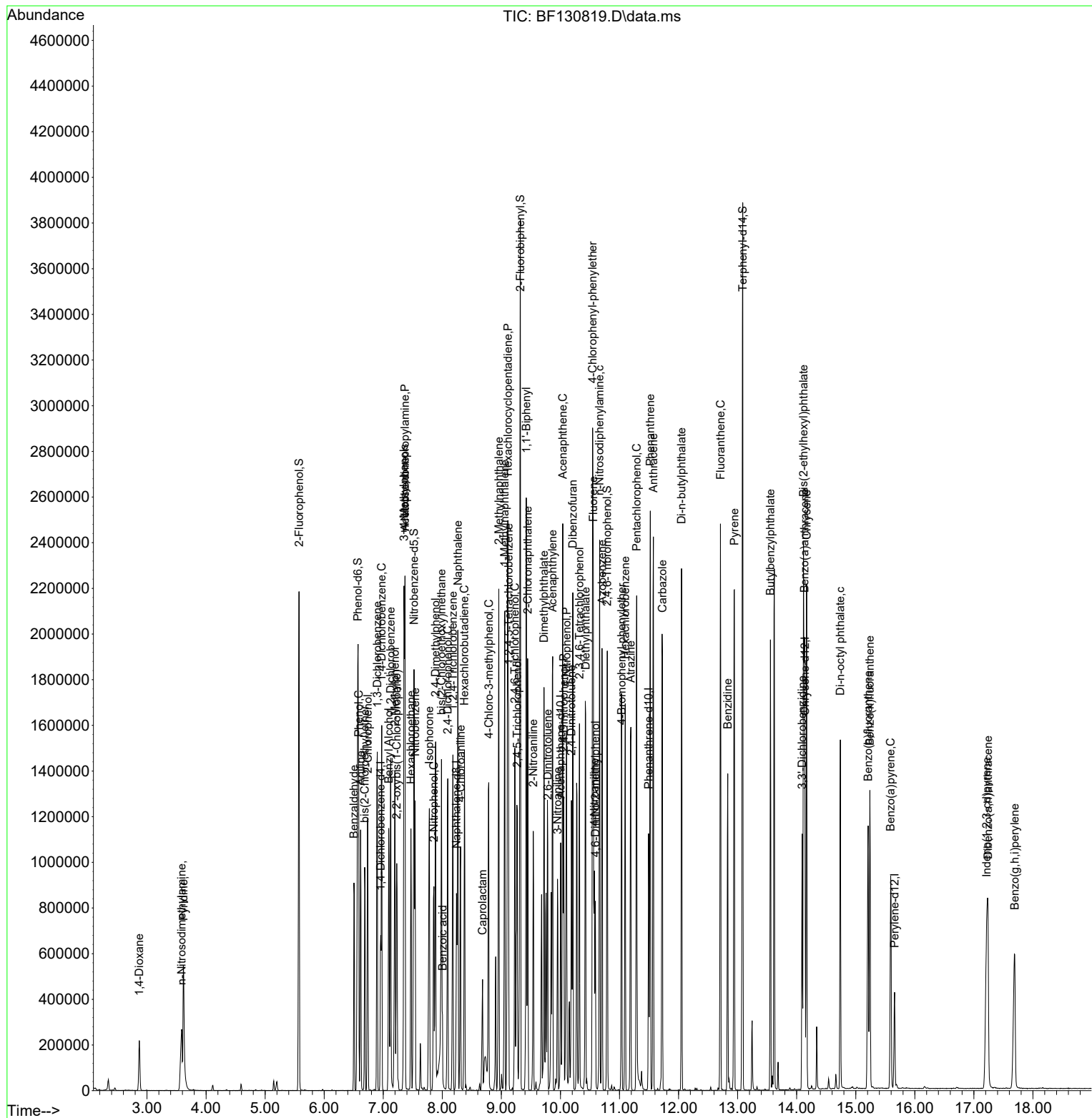
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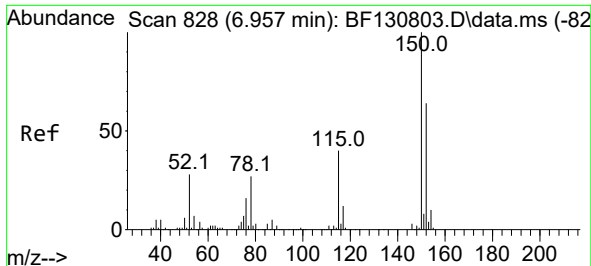
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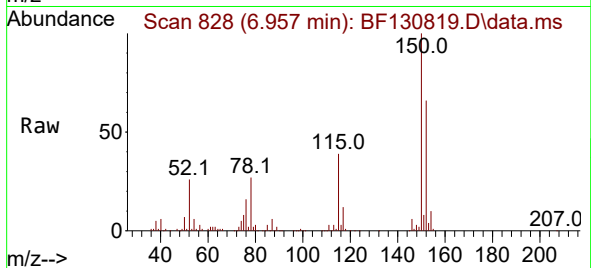
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

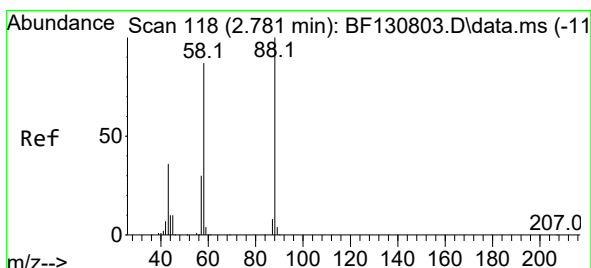
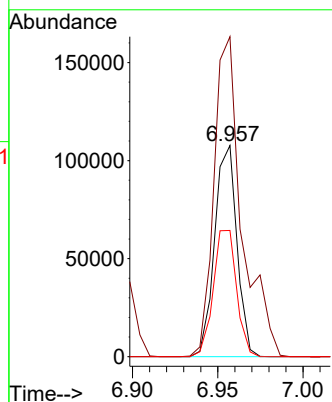
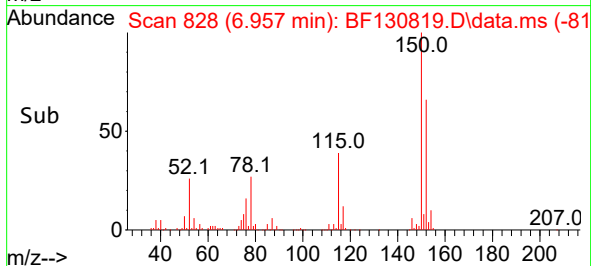
Instrument :
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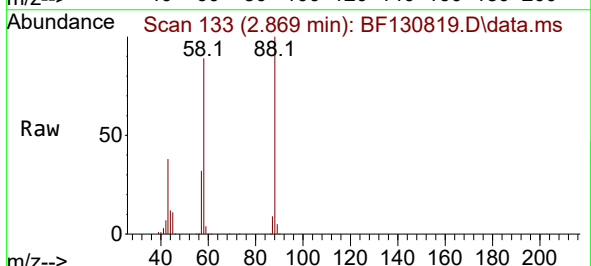
Tgt Ion:152 Resp: 98039
Ion Ratio Lower Upper
152 100
150 151.5 124.1 186.1
115 59.8 50.1 75.1

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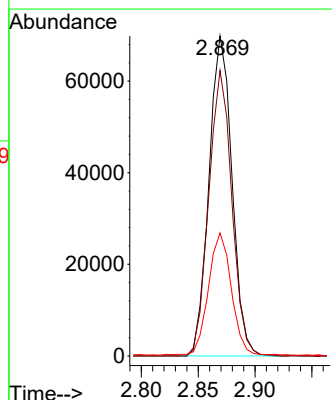
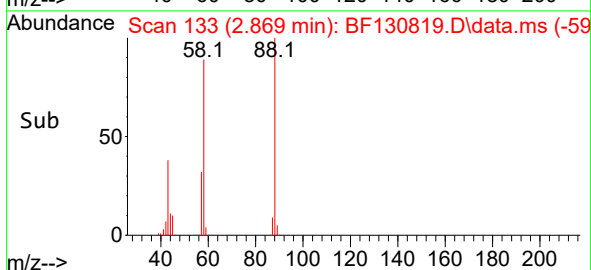
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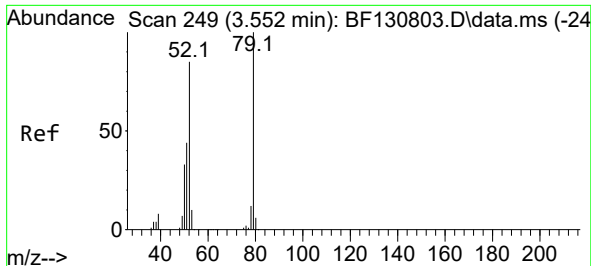


#2
1,4-Dioxane
Concen: 38.797 ng
RT: 2.869 min Scan# 133
Delta R.T. 0.088 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



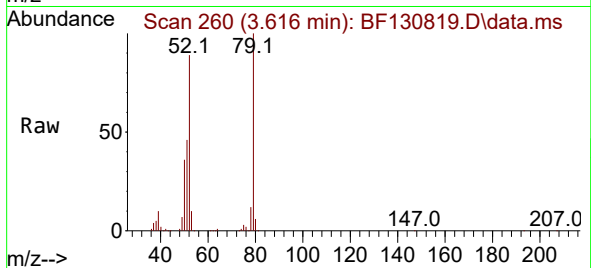
Tgt Ion: 88 Resp: 98370
Ion Ratio Lower Upper
88 100
58 89.5 64.7 97.1
43 38.3 26.5 39.7





#3
Pyridine
Concen: 37.039 ng
RT: 3.616 min Scan# 205
Delta R.T. 0.065 min
Lab File: BF130819.D
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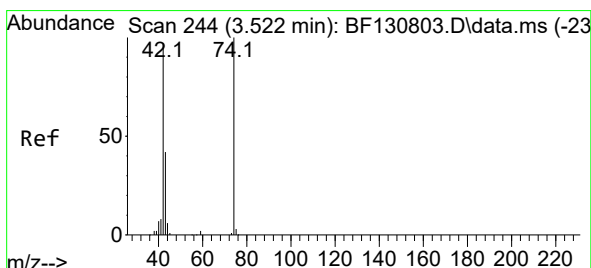
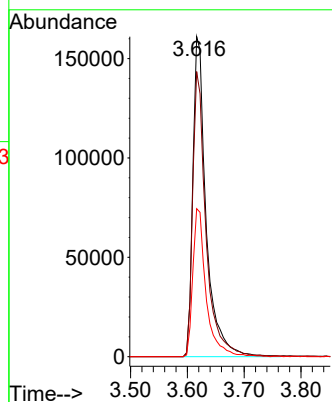
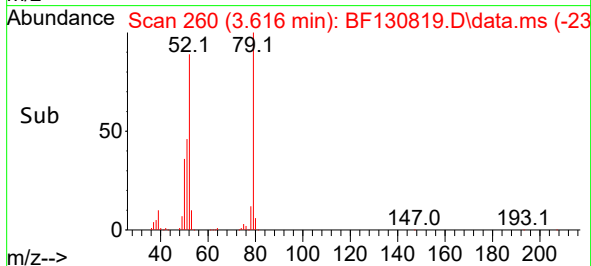
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Tgt Ion: 79 Resp: 263039
Ion Ratio Lower Upper
79 100
52 89.1 68.2 102.4
51 46.3 35.2 52.8

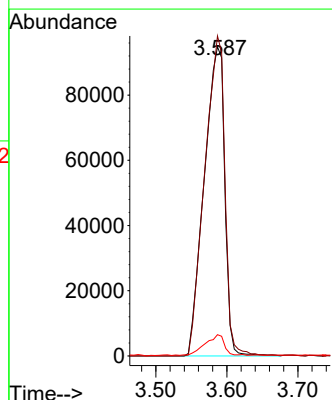
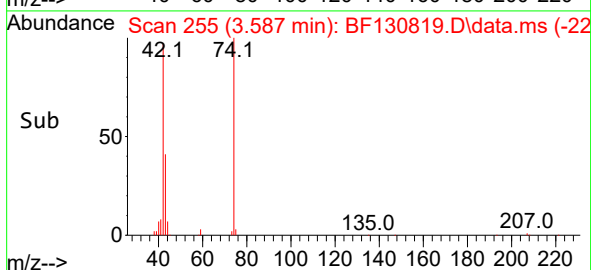
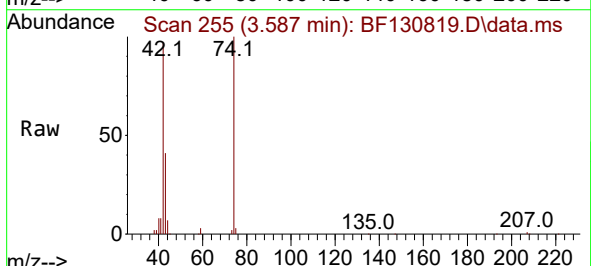
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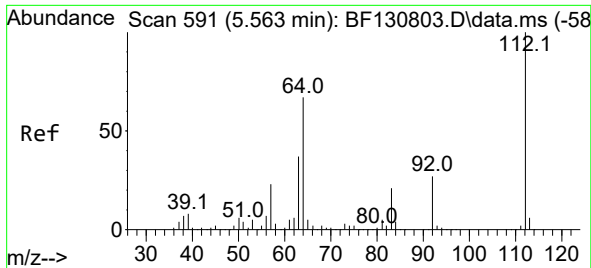
Reviewed By :Christian Giraldo 10/31/2022
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#4
n-Nitrosodimethylamine
Concen: 47.774 ng
RT: 3.587 min Scan# 255
Delta R.T. 0.065 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Tgt Ion: 42 Resp: 190464
Ion Ratio Lower Upper
42 100
74 103.5 82.8 124.2
44 6.9 6.0 9.0





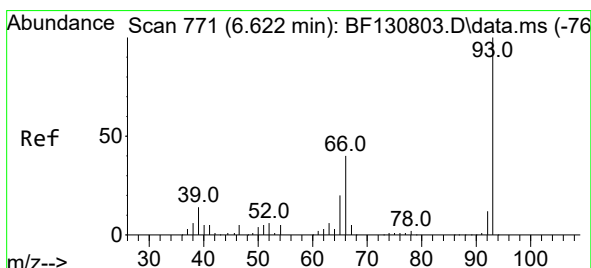
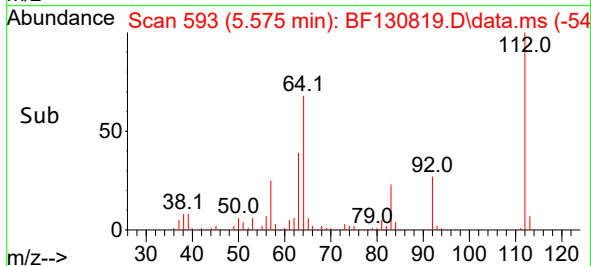
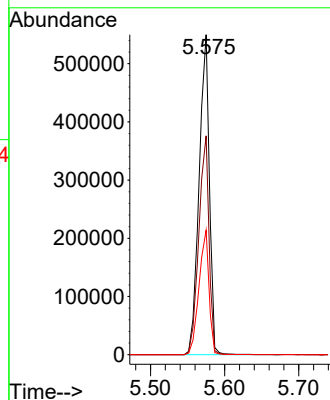
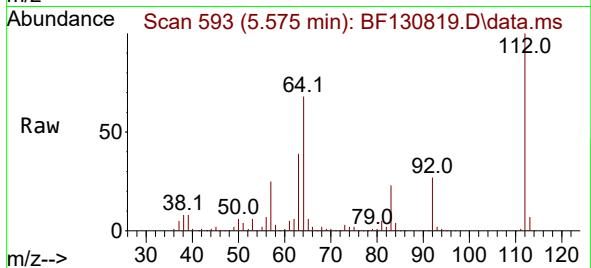
#5
2-Fluorophenol
Concen: 93.640 ng
RT: 5.575 min Scan# 591
Delta R.T. 0.012 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 529554
Ion Ratio Lower Upper
112 100
64 68.4 53.9 80.9
63 38.9 29.4 44.2

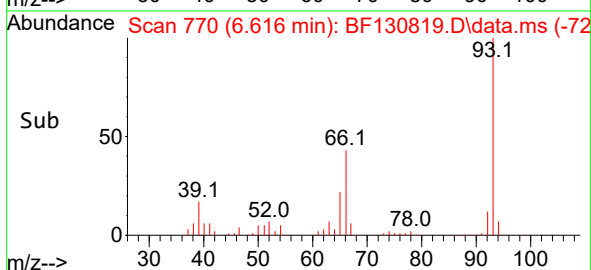
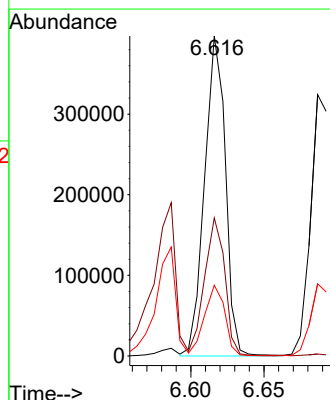
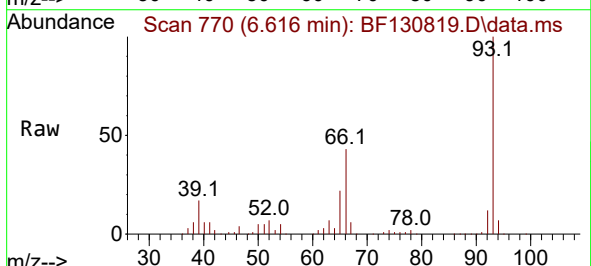
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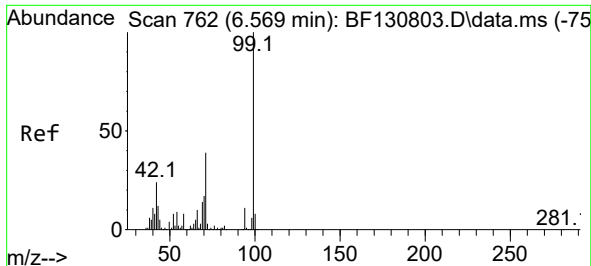
Reviewed By :Christian Giraldo 10/31/2022
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#6
Aniline
Concen: 43.236 ng m
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

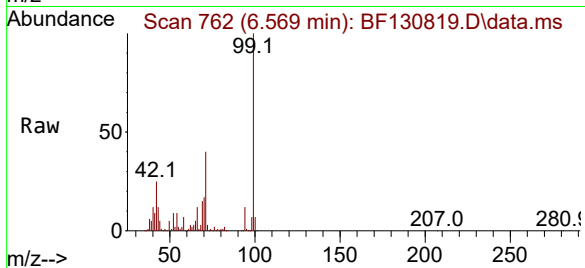
Tgt Ion: 93 Resp: 392894
Ion Ratio Lower Upper
93 100
66 43.1 33.8 50.8
65 22.1 17.2 25.8





#7
Phenol-d6
Concen: 91.805 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

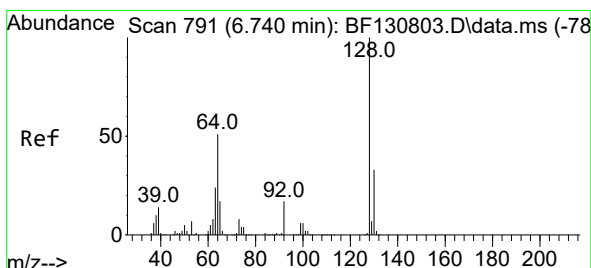
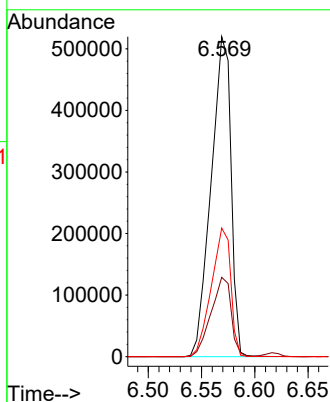
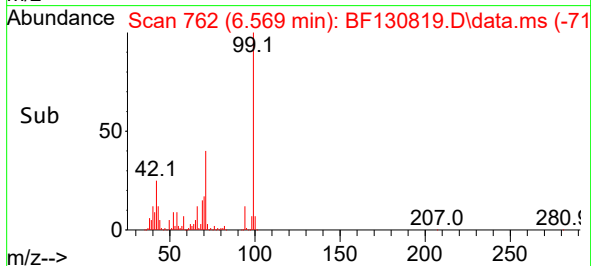
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Tgt Ion: 99 Resp: 67466
Ion Ratio Lower Upper
99 100
42 24.8 18.8 28.2
71 40.2 31.4 47.0

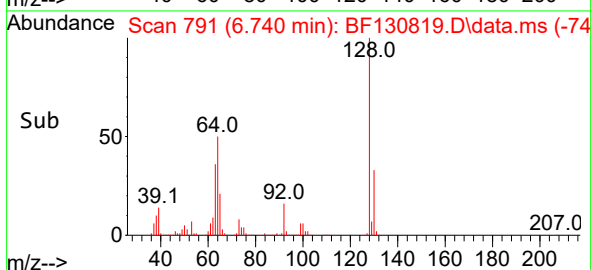
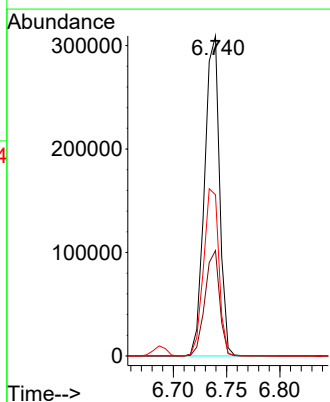
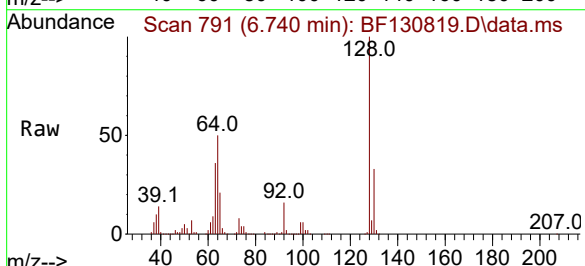
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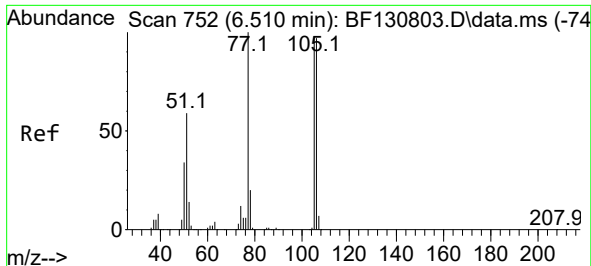
Reviewed By :Christian Giraldo 10/31/2022
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#8
2-Chlorophenol
Concen: 48.078 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

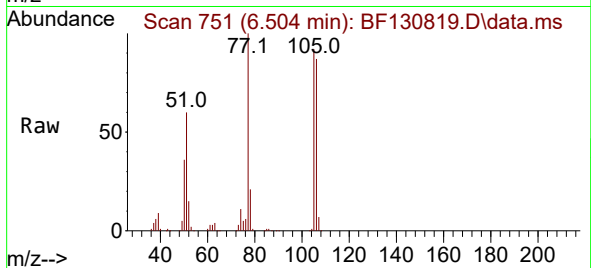
Tgt Ion:128 Resp: 302880
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 50.4 31.3 71.3





#9
Benzaldehyde
Concen: 35.997 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF130819.D
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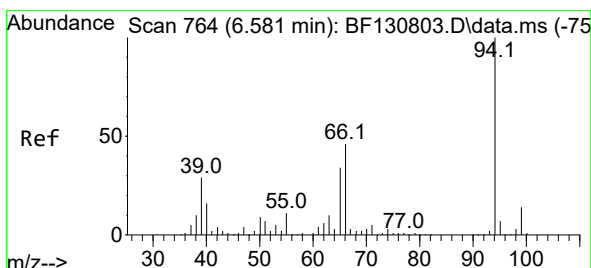
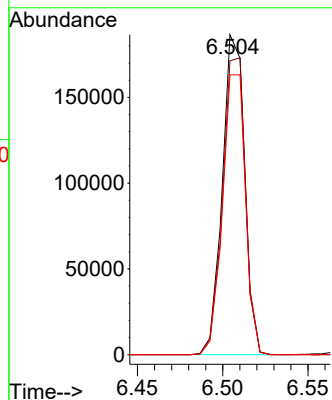
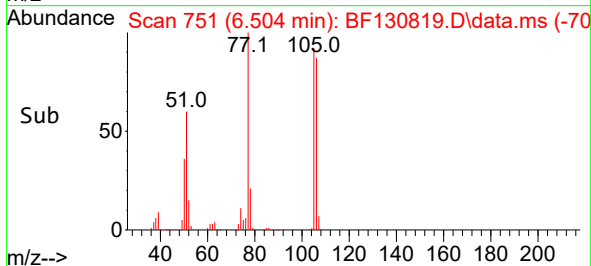
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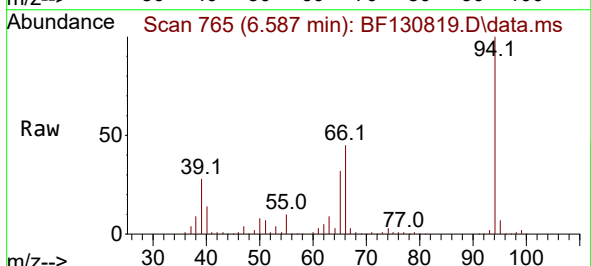
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Ion Ratio Lower Upper
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105 91.8 78.2 118.2
106 87.4 76.6 116.6

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APPROVED

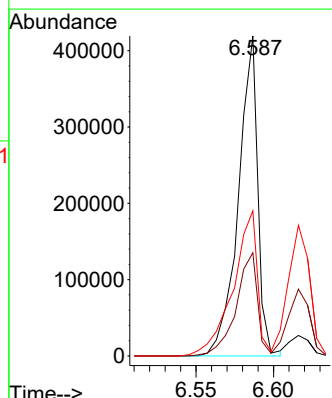
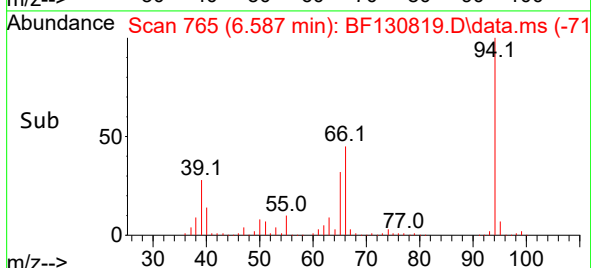
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

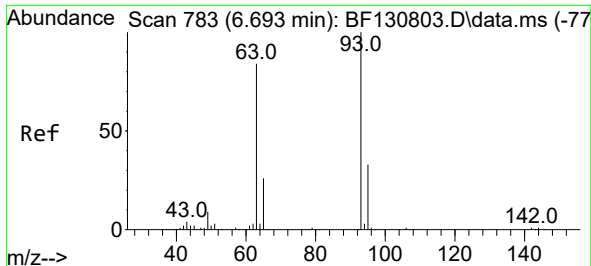


#10
Phenol
Concen: 46.077 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



Tgt Ion: 94 Resp: 364389
Ion Ratio Lower Upper
94 100
65 32.2 13.7 53.7
66 45.4 26.5 66.5





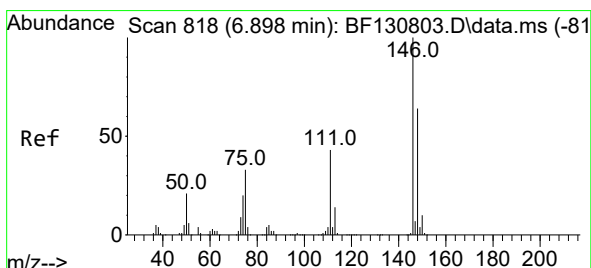
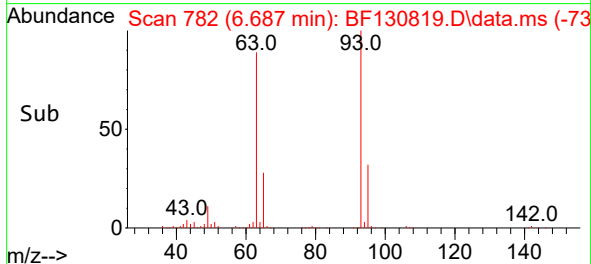
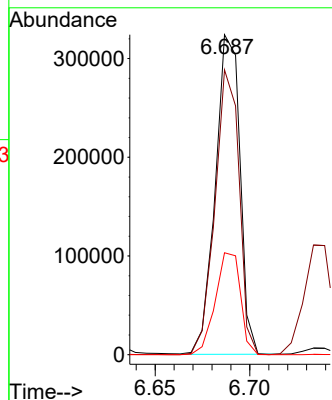
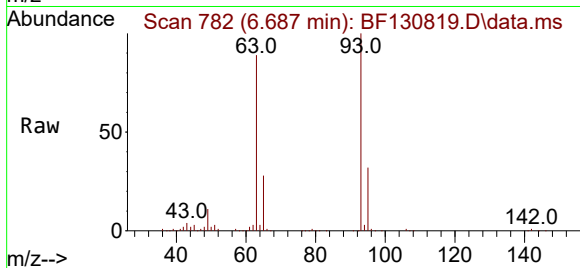
#11
bis(2-Chloroethyl)ether
Concen: 47.537 ng
RT: 6.687 min Scan# 783
Delta R.T. -0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Instrument :
BNA_F
ClientSampleId :
PB148383BSD

Tgt Ion: 93 Resp: 293060
Ion Ratio Lower Upper
93 100
63 89.0 63.4 103.4
95 31.8 12.6 52.6

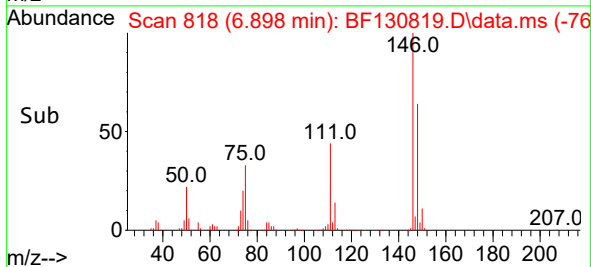
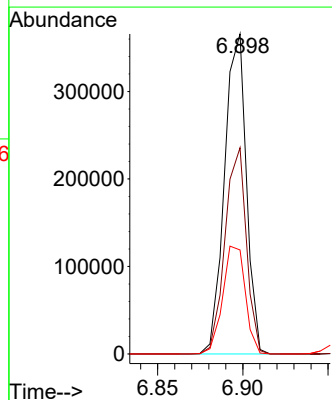
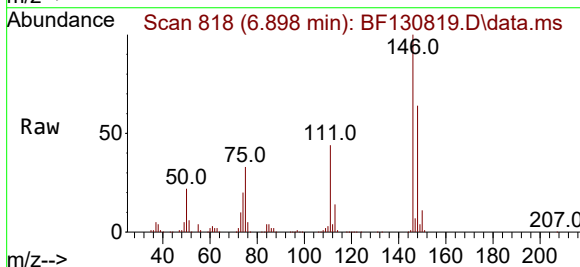
Manual Integrations
APPROVED

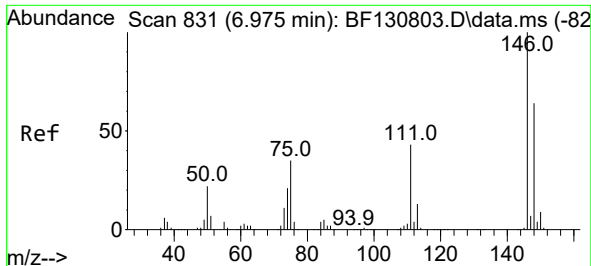
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#12
1,3-Dichlorobenzene
Concen: 45.623 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

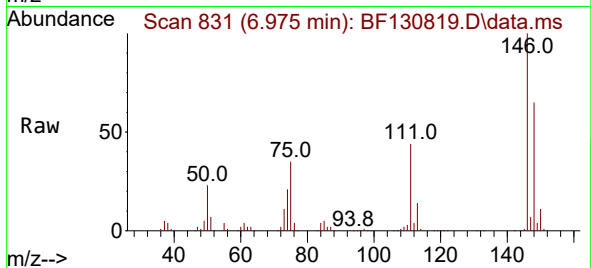
Tgt Ion:146 Resp: 325683
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
75 32.5 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 45.375 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

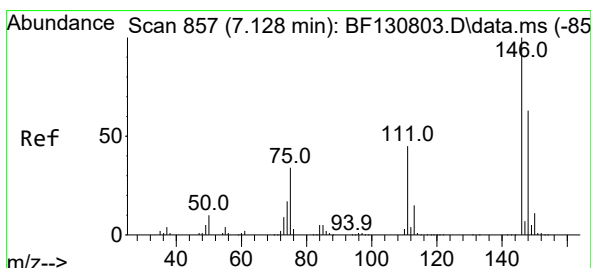
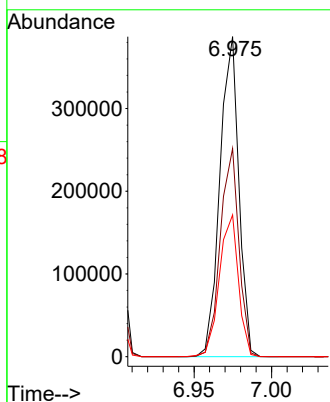
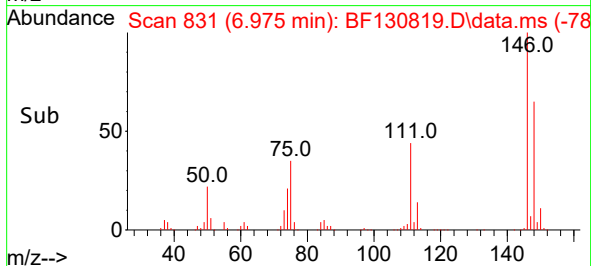
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



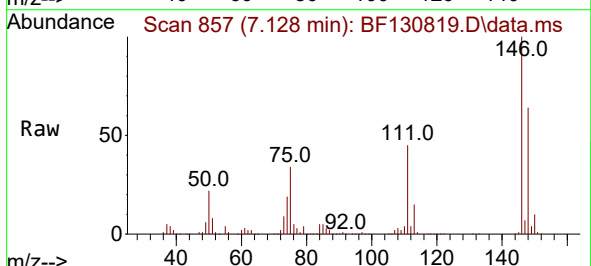
Tgt Ion:146 Resp: 32879
Ion Ratio Lower Upper
146 100
148 65.0 51.3 76.9
111 44.3 34.6 51.8

Manual Integrations
APPROVED

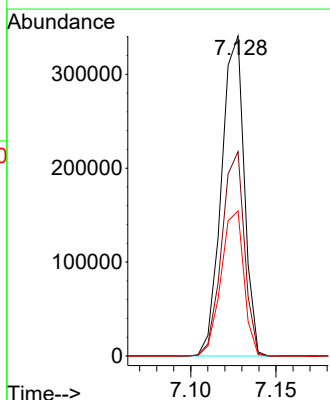
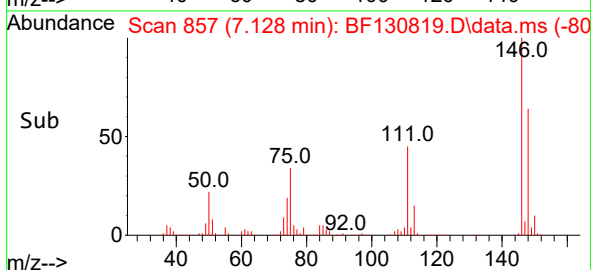
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

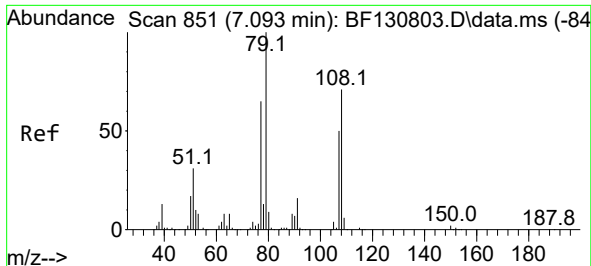


#14
1,2-Dichlorobenzene
Concen: 47.369 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



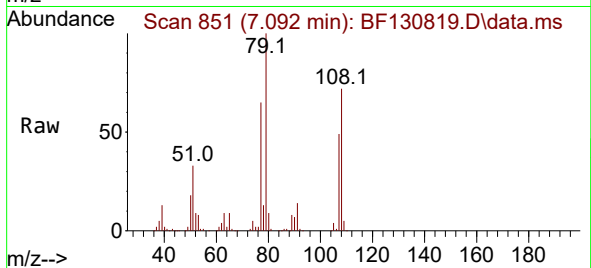
Tgt Ion:146 Resp: 317883
Ion Ratio Lower Upper
146 100
148 63.8 50.6 76.0
111 45.3 36.3 54.5





#15
Benzyl Alcohol
Concen: 44.831 ng m
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

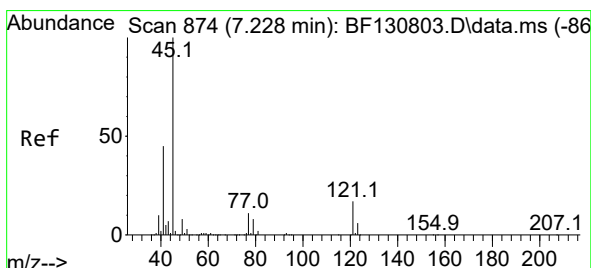
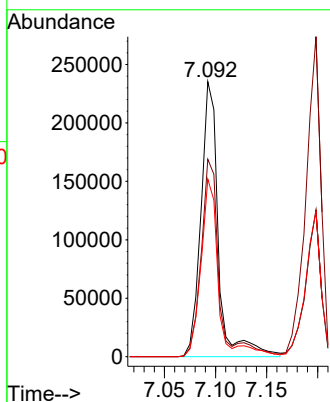
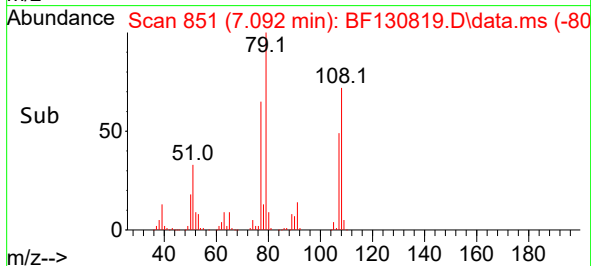
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



Tgt Ion: 79 Resp: 28014
Ion Ratio Lower Upper
79 100
108 71.8 56.4 84.6
77 64.6 51.8 77.8

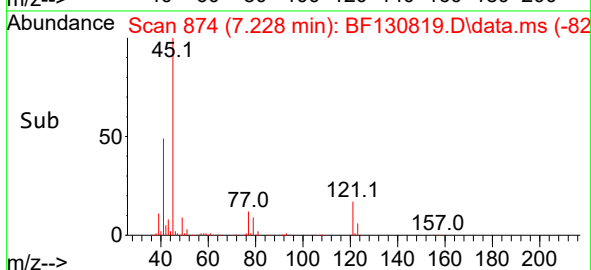
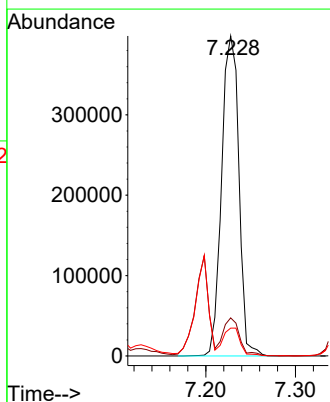
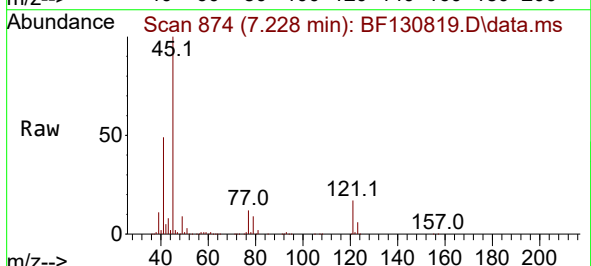
Manual Integrations
APPROVED

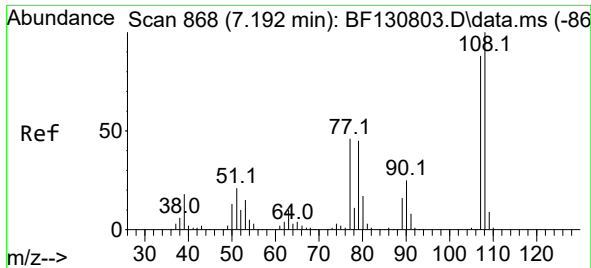
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.372 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

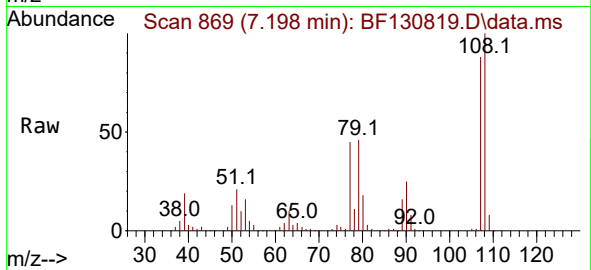
Tgt Ion: 45 Resp: 531552
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.2
79 8.7 0.0 28.4





#17
2-Methylphenol
Concen: 45.622 ng
RT: 7.198 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

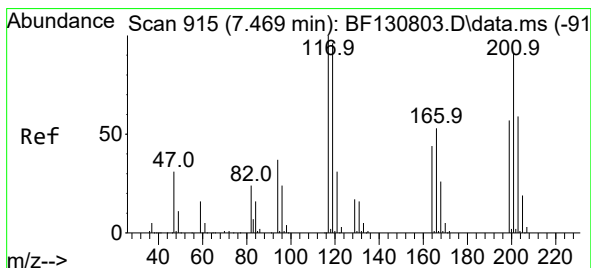
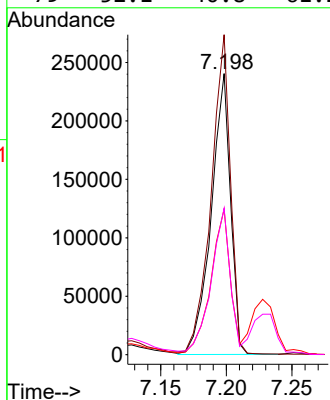
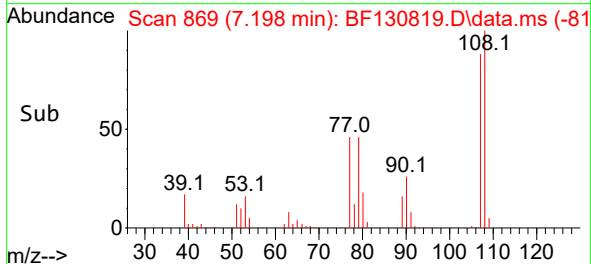
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



Tgt Ion:107 Resp: 245650
Ion Ratio Lower Upper
107 100
108 113.8 90.5 135.7
77 51.8 41.2 61.8
79 52.1 40.8 61.2

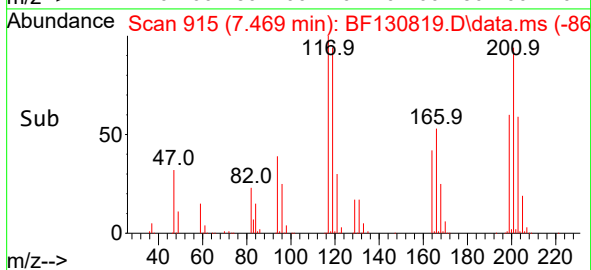
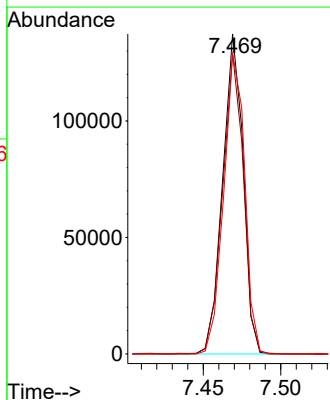
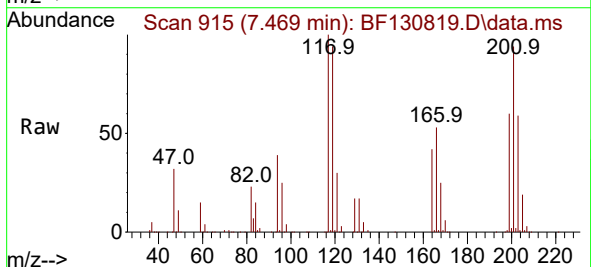
Manual Integrations
APPROVED

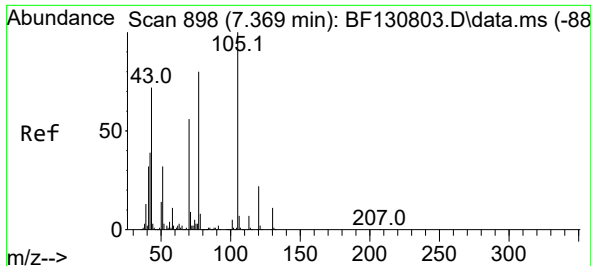
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#18
Hexachloroethane
Concen: 48.146 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Tgt Ion:117 Resp: 126086
Ion Ratio Lower Upper
117 100
119 94.0 77.1 115.7
201 93.9 72.9 109.3





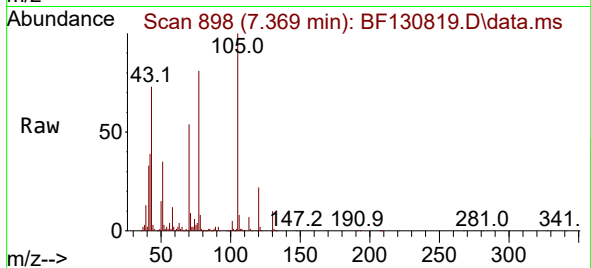
#19
n-Nitroso-di-n-propylamine
Concen: 45.723 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

ClientSampleId :

PB148383BSD

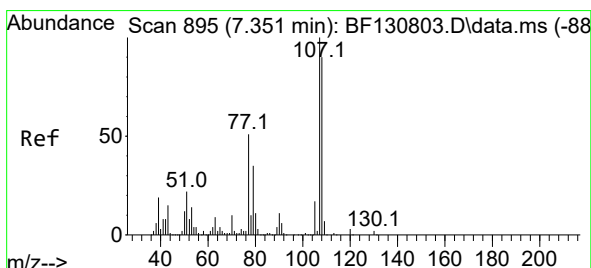
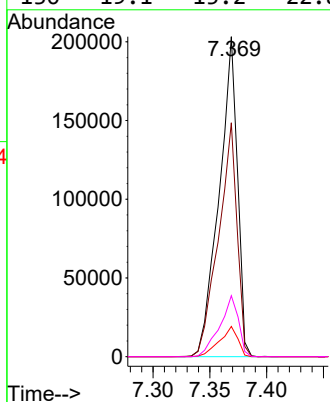
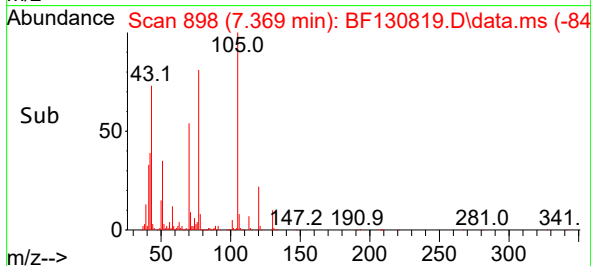


Tgt Ion: 70 Resp: 228618
Ion Ratio Lower Upper
70 100
42 73.1 56.1 84.1
101 9.5 7.3 10.9
130 19.1 15.2 22.8

Manual Integrations

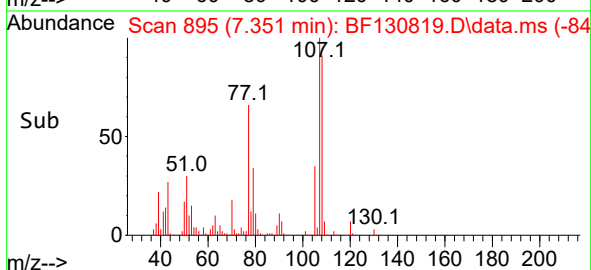
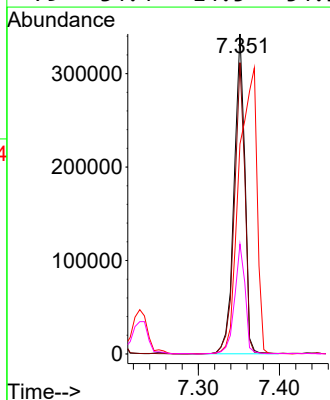
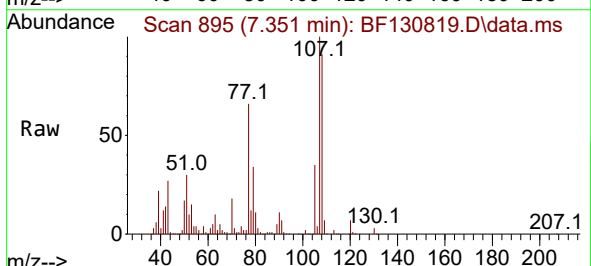
APPROVED

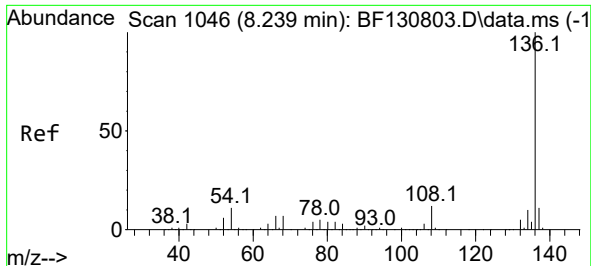
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#20
3+4-Methylphenols
Concen: 44.535 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

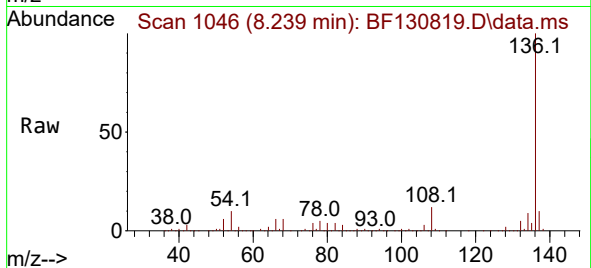
Tgt Ion:107 Resp: 311786
Ion Ratio Lower Upper
107 100
108 91.0 70.4 110.4
77 65.6 31.1 71.1
79 34.4 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

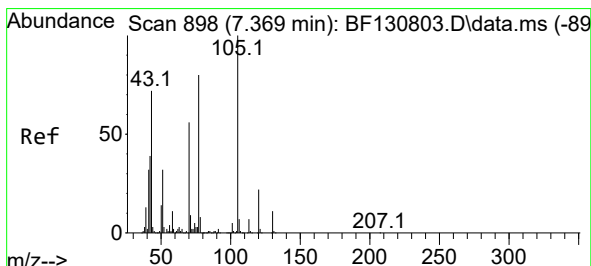
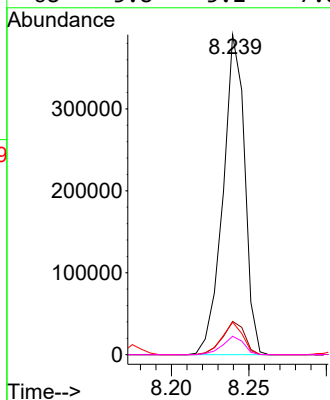
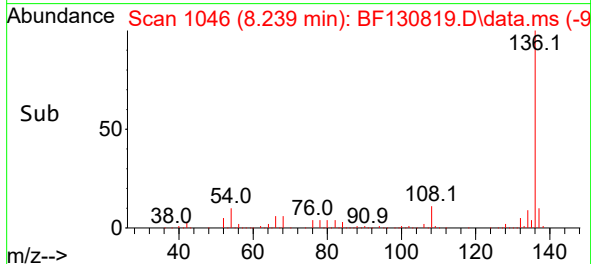
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



Tgt Ion:136 Resp: 37991
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 10.2 8.8 13.2
68 5.8 5.2 7.8

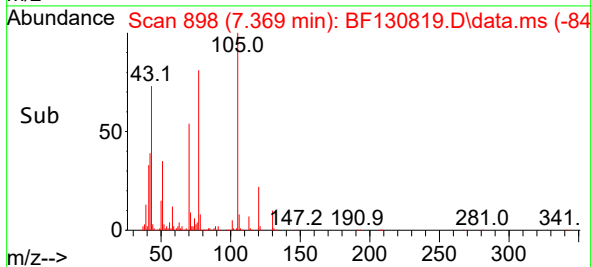
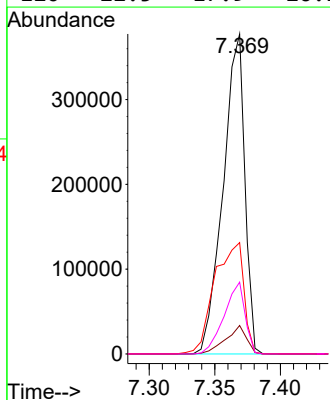
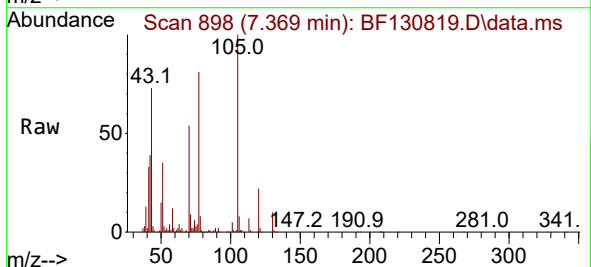
Manual Integrations
APPROVED

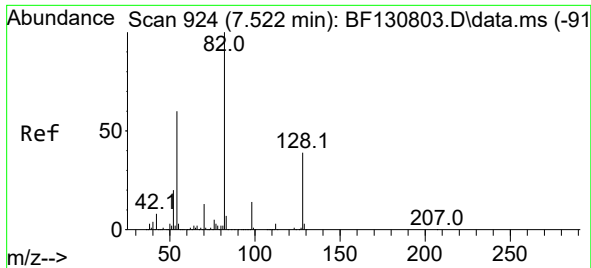
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#22
Acetophenone
Concen: 47.055 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

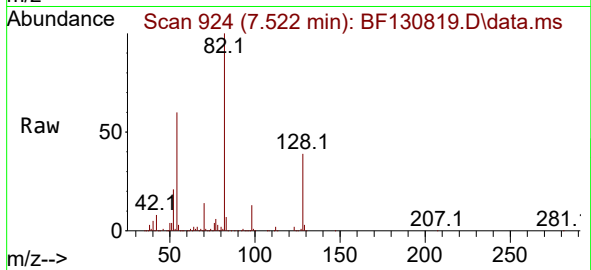
Tgt Ion:105 Resp: 433425
Ion Ratio Lower Upper
105 100
71 8.9 7.2 10.8
51 34.8 25.9 38.9
120 22.5 17.9 26.9





#23
Nitrobenzene-d5
Concen: 101.771 ng
RT: 7.522 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

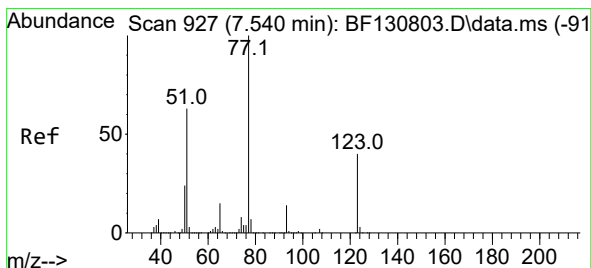
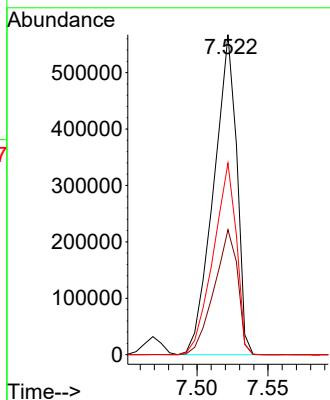
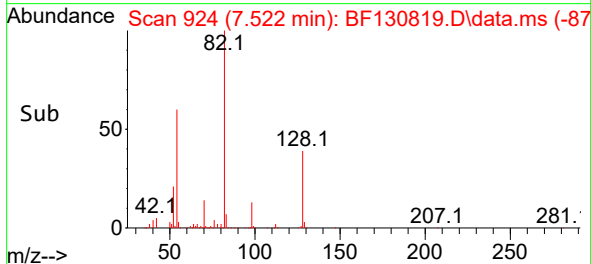
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



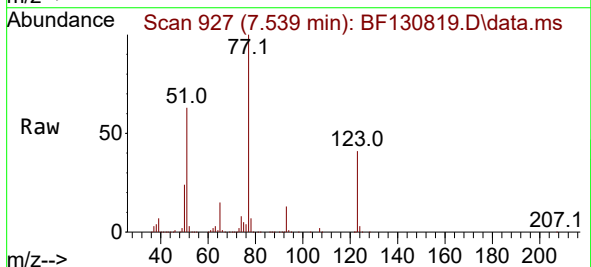
Tgt Ion: 82 Resp: 641205
Ion Ratio Lower Upper
82 100
128 39.1 31.2 46.8
54 59.8 48.0 72.0

Manual Integrations
APPROVED

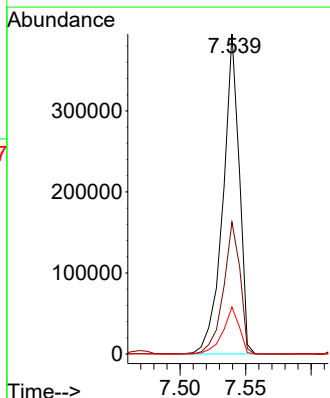
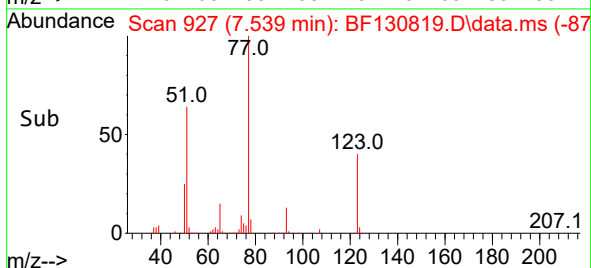
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

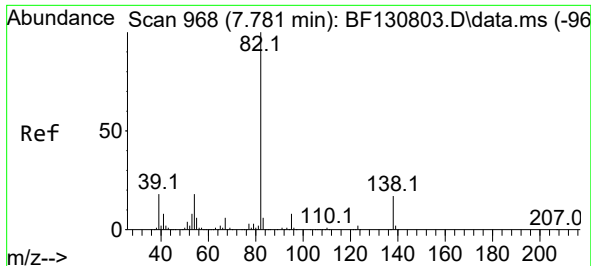


#24
Nitrobenzene
Concen: 49.232 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.001 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



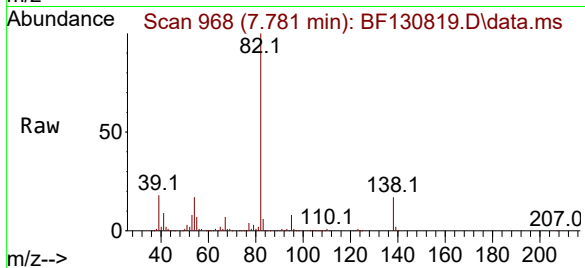
Tgt Ion: 77 Resp: 339177
Ion Ratio Lower Upper
77 100
123 41.2 32.2 48.2
65 14.7 12.0 18.0





#25
Isophorone
Concen: 48.475 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

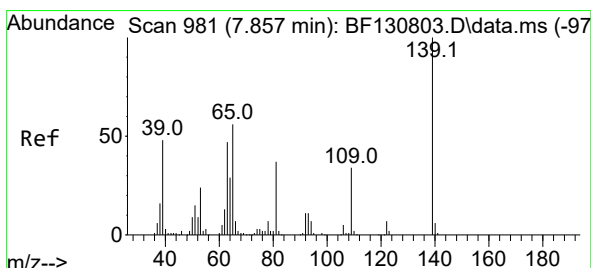
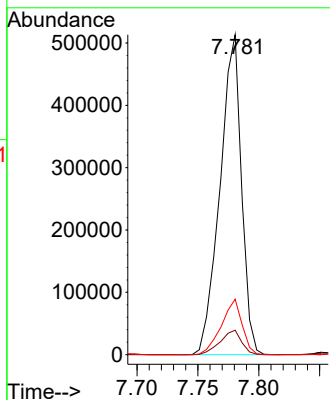
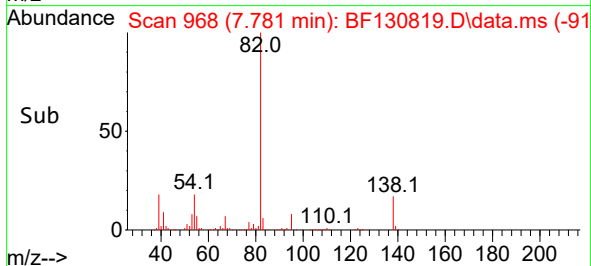
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



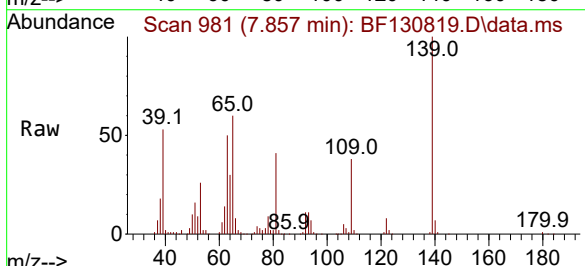
Tgt Ion: 82 Resp: 629808
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.4
138 17.4 13.8 20.6

Manual Integrations
APPROVED

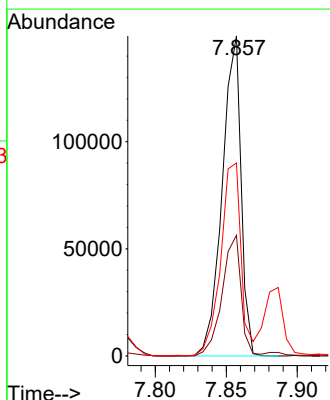
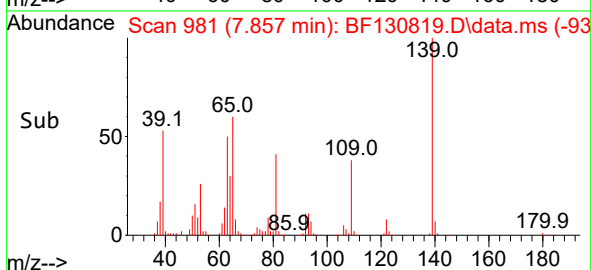
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

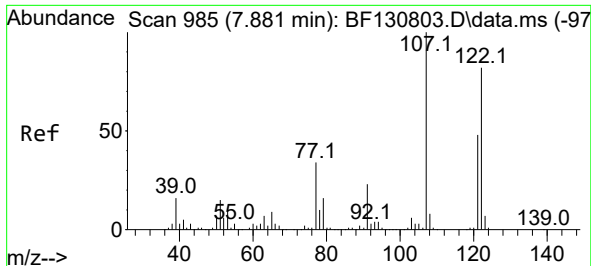


#26
2-Nitrophenol
Concen: 50.442 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



Tgt Ion:139 Resp: 137634
Ion Ratio Lower Upper
139 100
109 37.7 27.3 40.9
65 60.3 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 52.857 ng

RT: 7.887 min Scan# 985

Delta R.T. 0.006 min

Lab File: BF130819.D

Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

ClientSampleId :

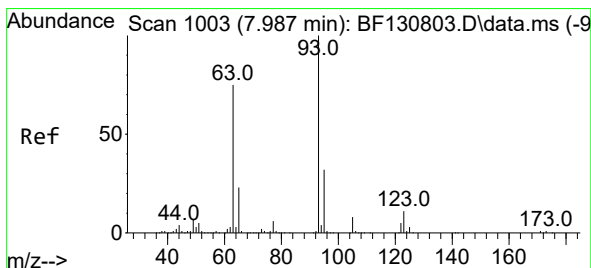
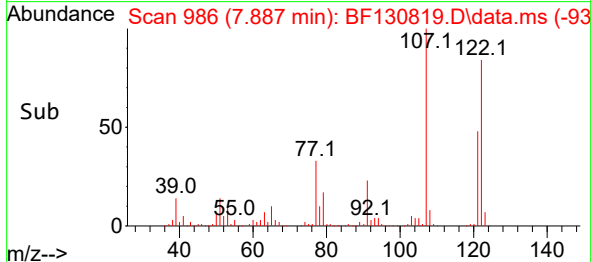
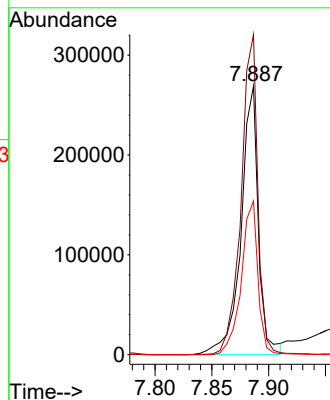
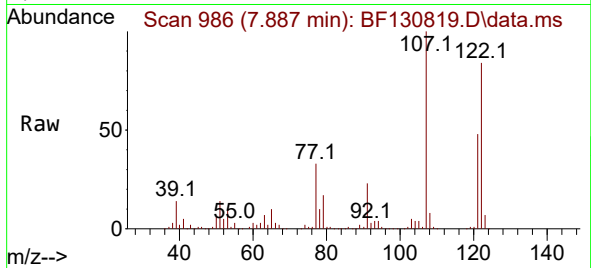
PB148383BSD

Tgt Ion:122 Resp: 28580
 Ion Ratio Lower Upper
 122 100
 107 119.1 97.1 145.7
 121 57.2 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.195 ng

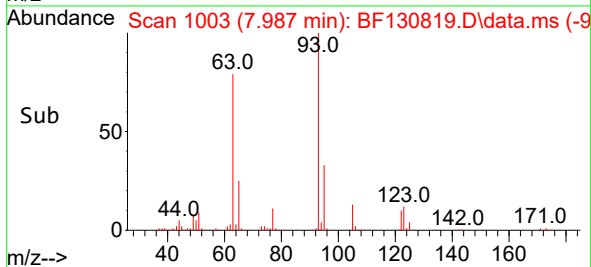
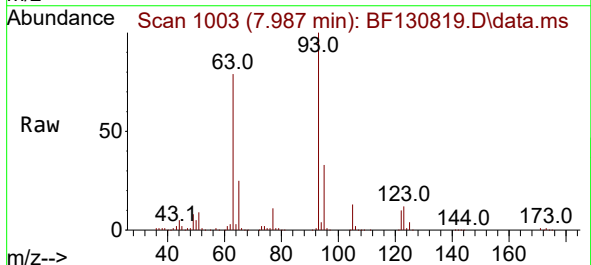
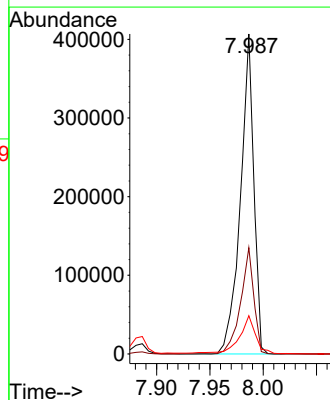
RT: 7.987 min Scan# 1003

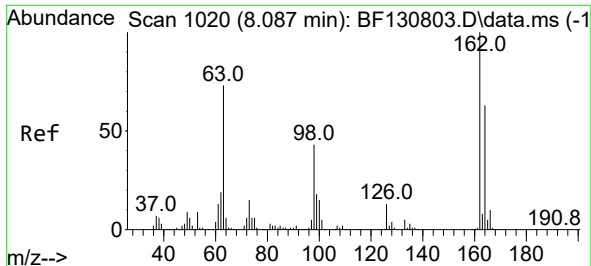
Delta R.T. -0.000 min

Lab File: BF130819.D

Acq: 28 Oct 2022 10:41

Tgt Ion: 93 Resp: 356963
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.7 38.5
 123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.949 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.006 min

Lab File: BF130819.D

Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

ClientSampleId :

PB148383BSD

Tgt Ion:162 Resp: 25558

Ion Ratio Lower Upper

162 100

164 65.5 43.2 83.2

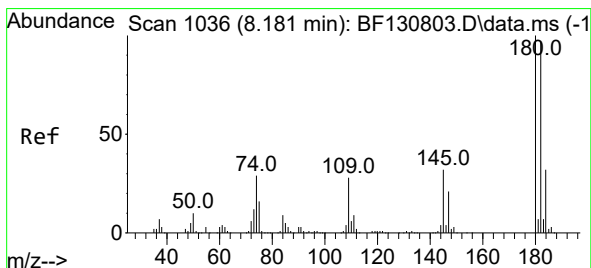
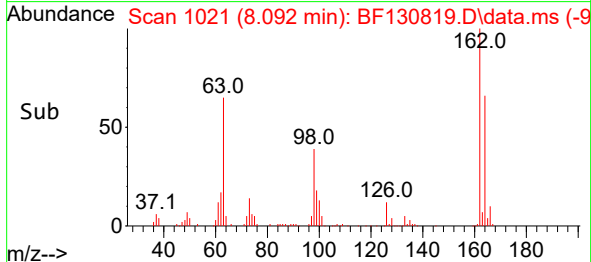
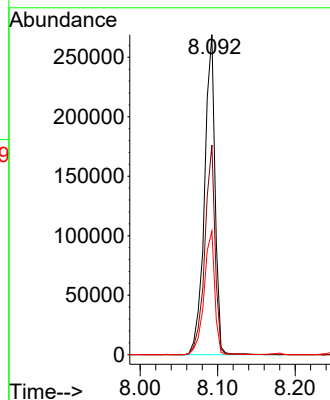
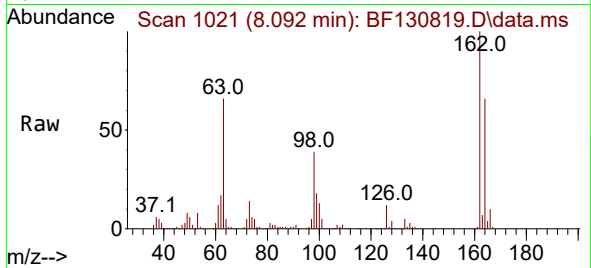
98 38.7 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.185 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF130819.D

Acq: 28 Oct 2022 10:41

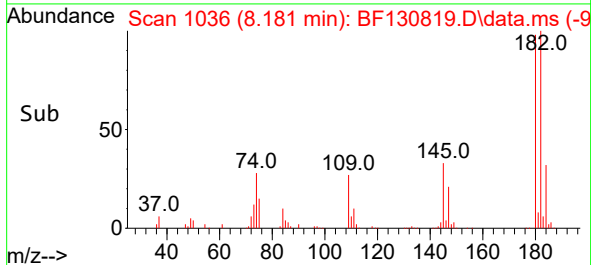
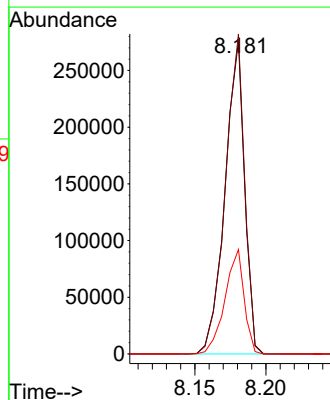
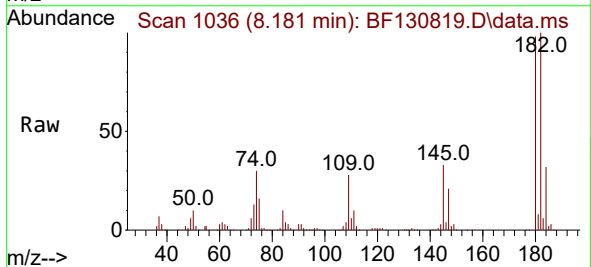
Tgt Ion:180 Resp: 264286

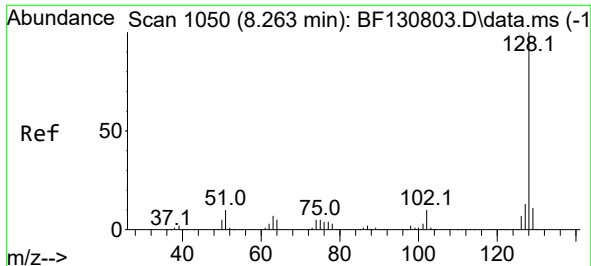
Ion Ratio Lower Upper

180 100

182 102.3 77.7 116.5

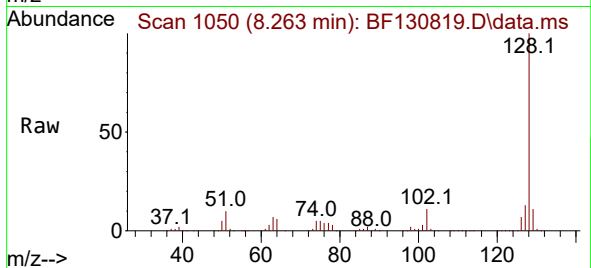
145 33.4 25.9 38.9





#31
Naphthalene
Concen: 44.227 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

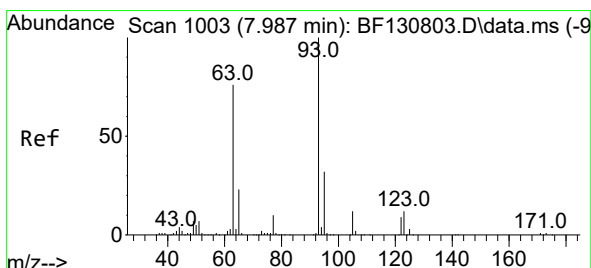
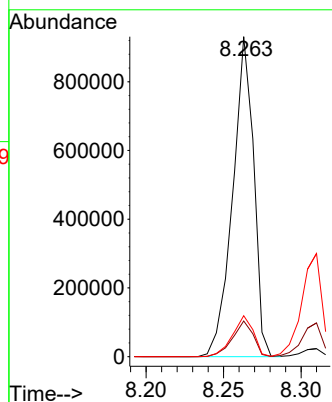
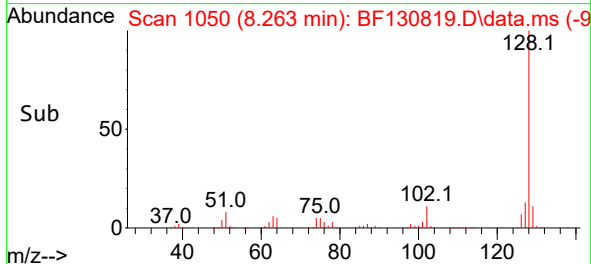
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



Tgt Ion:128 Resp: 87663
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 12.8 10.6 16.0

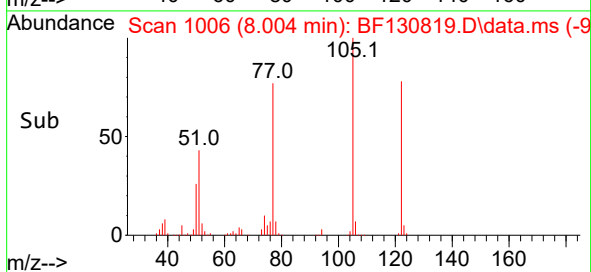
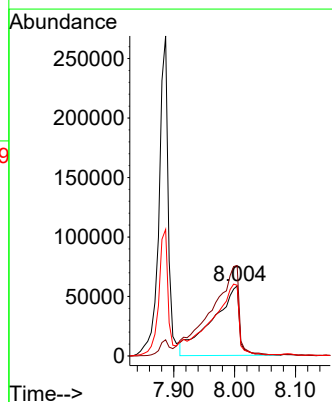
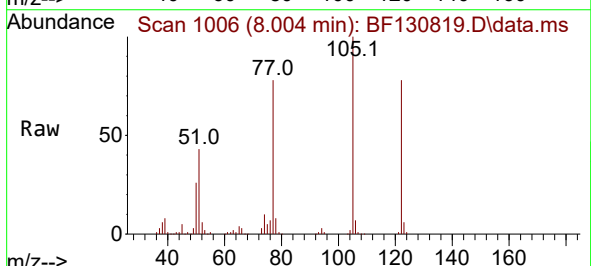
Manual Integrations
APPROVED

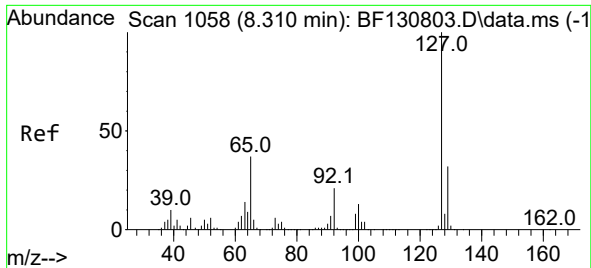
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#32
Benzoic acid
Concen: 47.480 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.017 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Tgt Ion:122 Resp: 182078
Ion Ratio Lower Upper
122 100
105 128.8 114.5 154.5
77 100.8 89.8 129.8





#33
4-Chloroaniline
Concen: 35.425 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

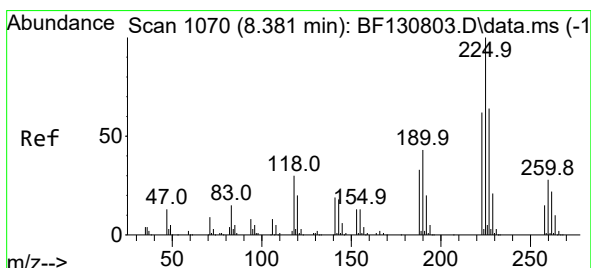
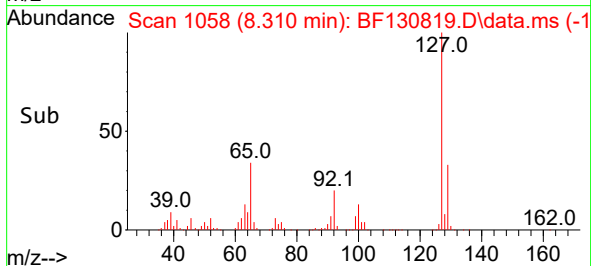
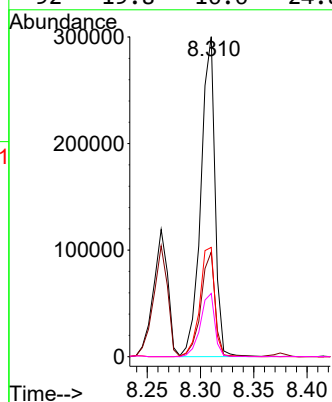
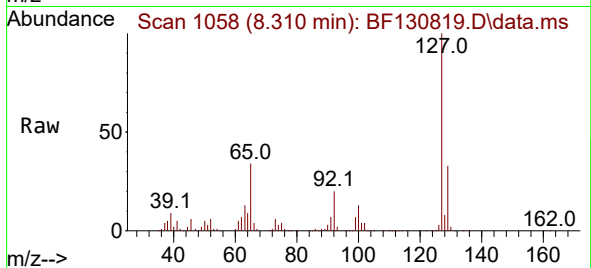
ClientSampleId :

PB148383BSD

Tgt Ion:127 Resp: 27746
Ion Ratio Lower Upper
127 100
129 32.7 25.6 38.4
65 34.2 29.4 44.2
92 19.8 16.6 24.8

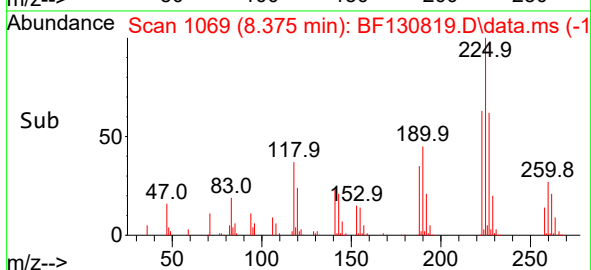
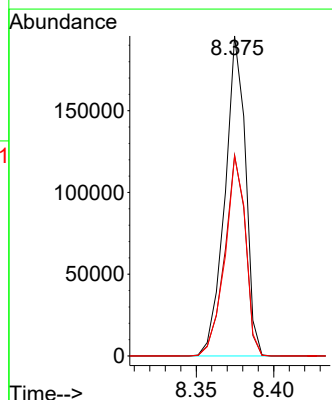
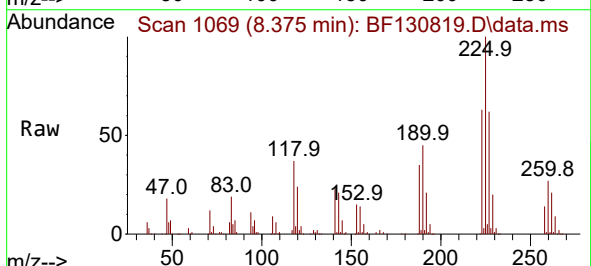
Manual Integrations
APPROVED

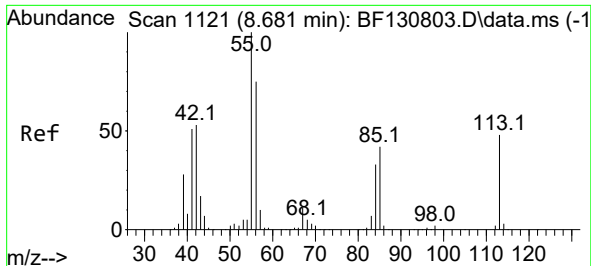
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#34
Hexachlorobutadiene
Concen: 45.596 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

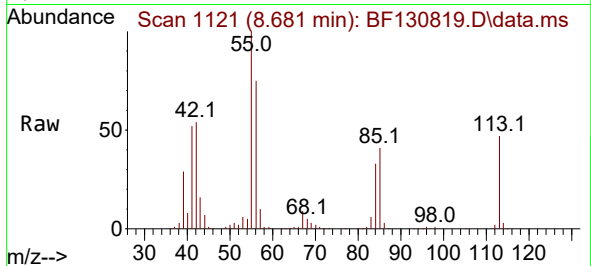
Tgt Ion:225 Resp: 181042
Ion Ratio Lower Upper
225 100
223 62.7 49.9 74.9
227 62.4 51.5 77.3





#35
Caprolactam
Concen: 49.220 ng m
RT: 8.681 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

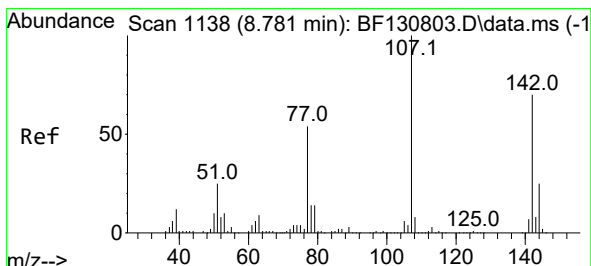
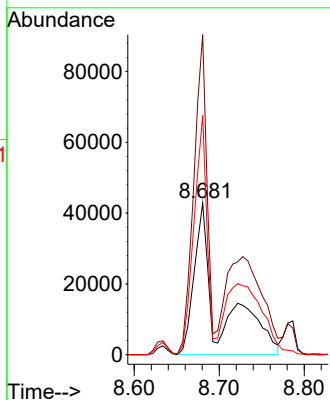
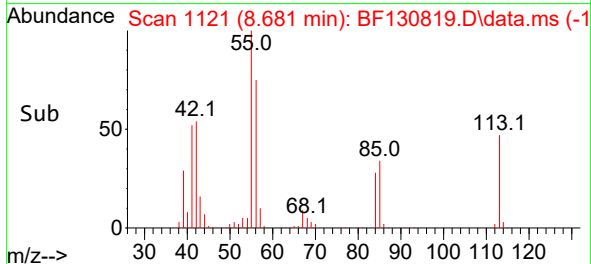
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



Tgt Ion:113 Resp: 87735
Ion Ratio Lower Upper
113 100
55 211.4 187.0 227.0
56 158.0 134.2 174.2

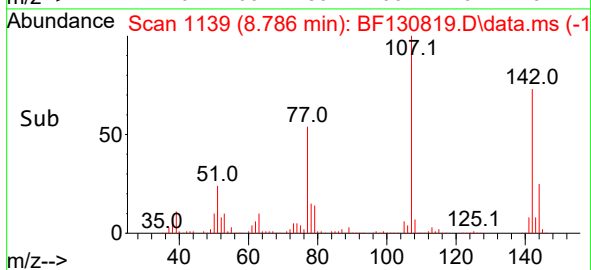
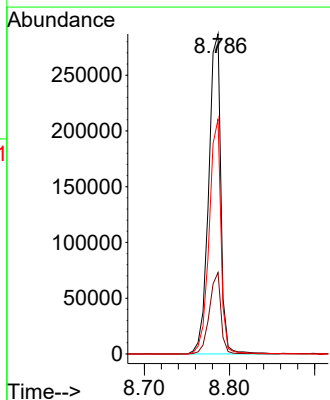
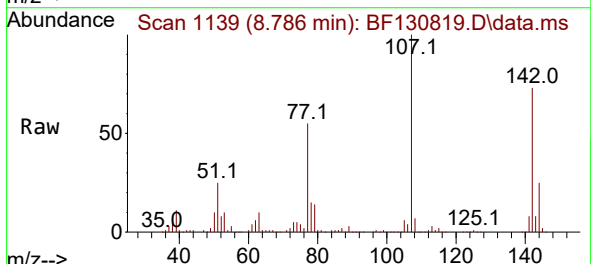
Manual Integrations
APPROVED

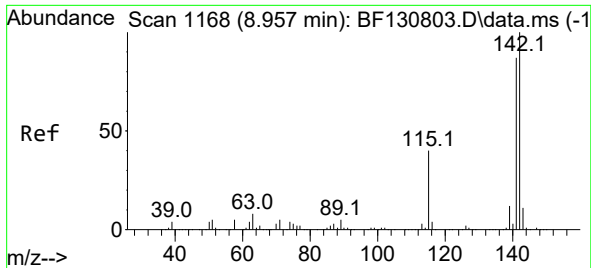
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#36
4-Chloro-3-methylphenol
Concen: 47.161 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

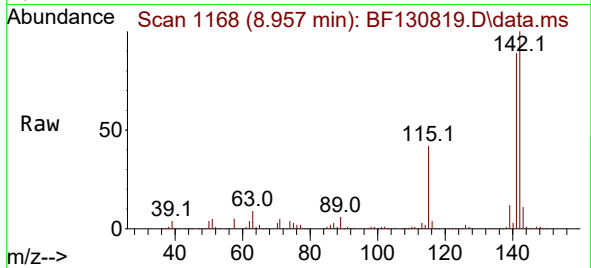
Tgt Ion:107 Resp: 284549
Ion Ratio Lower Upper
107 100
144 25.5 19.8 29.8
142 73.3 56.0 84.0





#37
2-Methylnaphthalene
Concen: 44.258 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

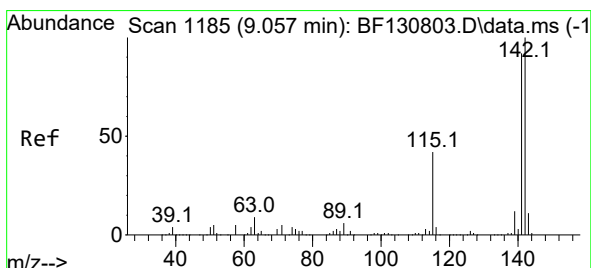
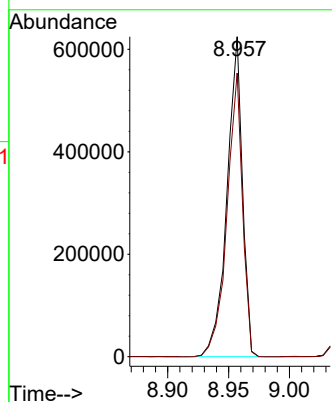
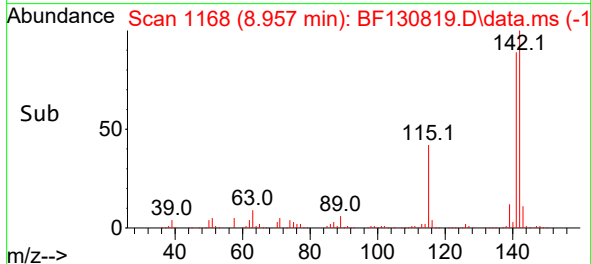
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



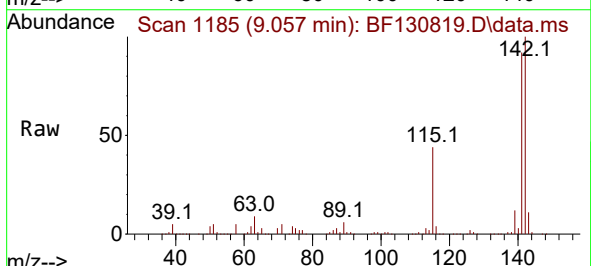
Tgt Ion:142 Resp: 551808
Ion Ratio Lower Upper
142 100
141 88.6 69.9 104.9

Manual Integrations
APPROVED

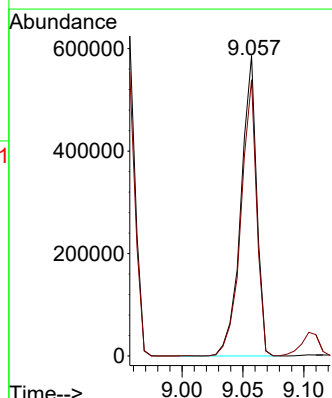
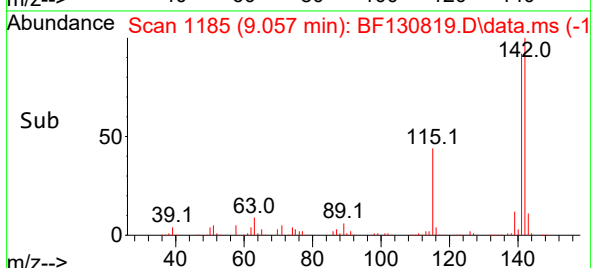
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

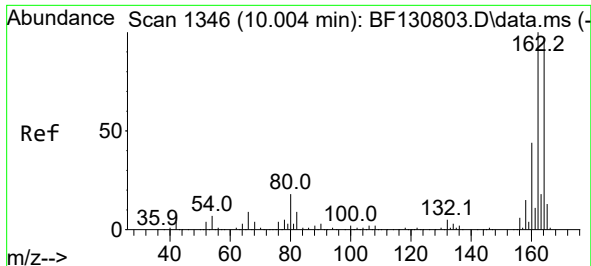


#38
1-Methylnaphthalene
Concen: 43.611 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



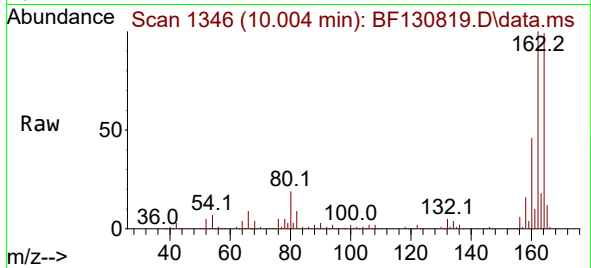
Tgt Ion:142 Resp: 529163
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

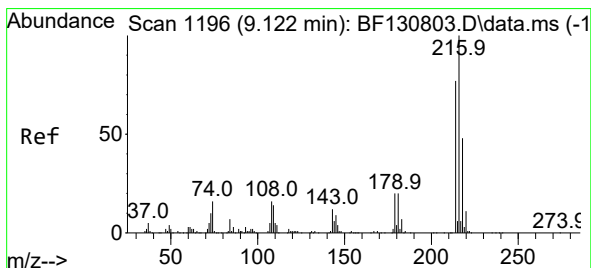
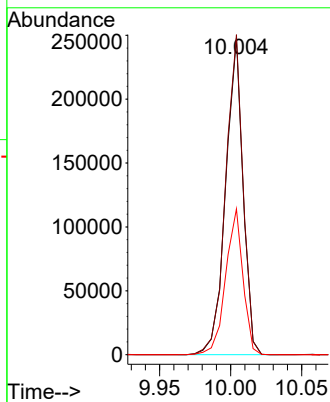
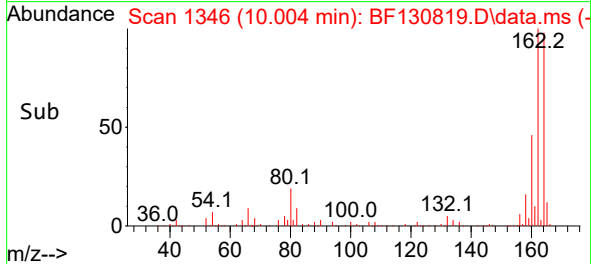
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



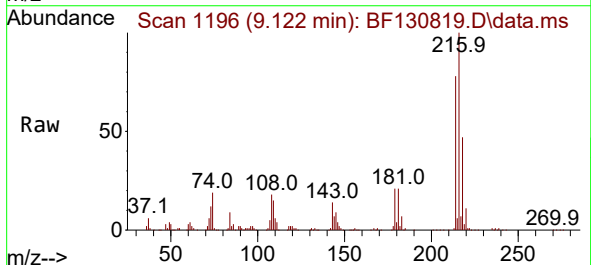
Tgt Ion:164 Resp: 210330
Ion Ratio Lower Upper
164 100
162 101.1 82.2 123.2
160 46.0 36.6 54.8

Manual Integrations
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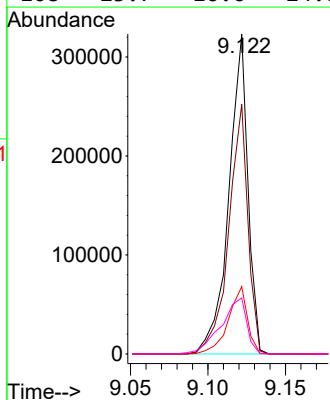
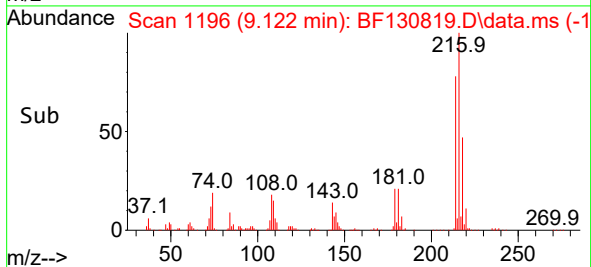
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

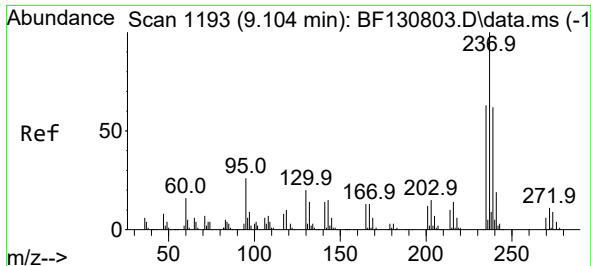


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.319 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



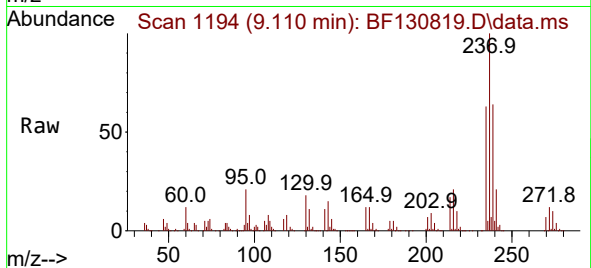
Tgt Ion:216 Resp: 276279
Ion Ratio Lower Upper
216 100
214 78.4 62.7 94.1
179 21.1 16.9 25.3
108 23.7 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 118.154 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

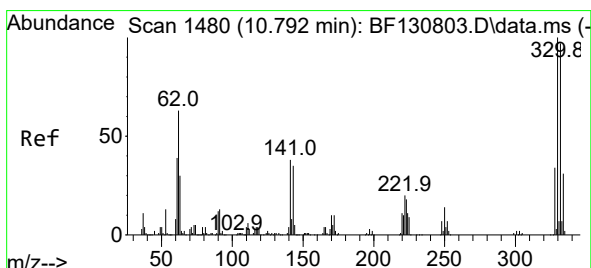
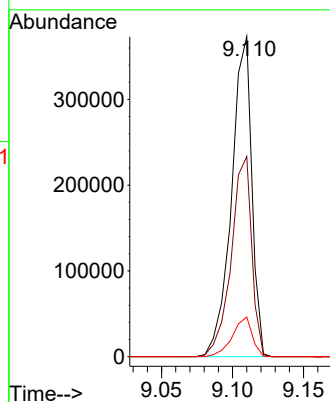
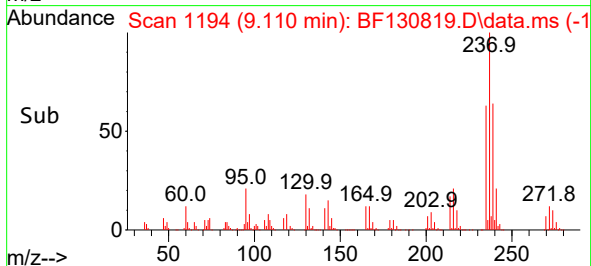
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



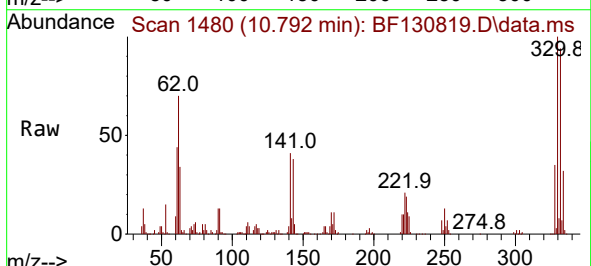
Tgt Ion:237 Resp: 370299
Ion Ratio Lower Upper
237 100
235 62.5 43.5 83.5
272 12.4 0.0 31.4

Manual Integrations
APPROVED

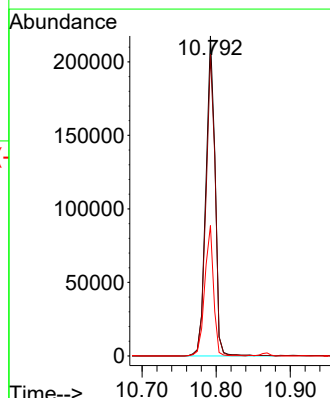
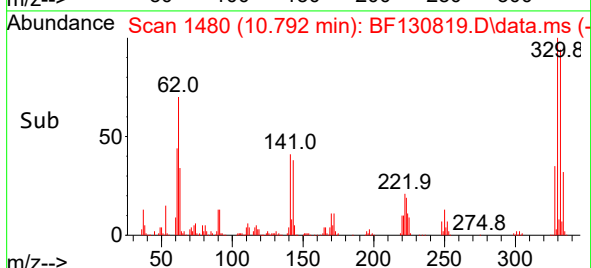
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

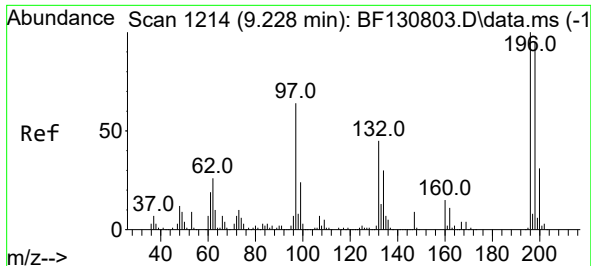


#42
2,4,6-Tribromophenol
Concen: 105.968 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



Tgt Ion:330 Resp: 187627
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 39.2 31.4 47.0





#43

2,4,6-Trichlorophenol

Concen: 45.114 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF130819.D

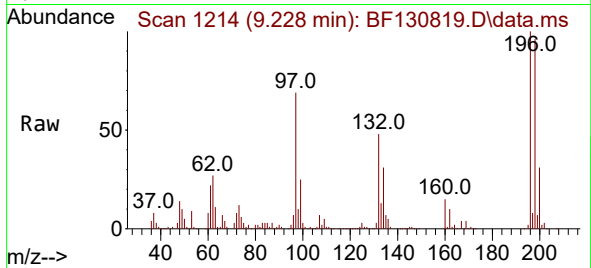
Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

ClientSampleId :

PB148383BSD



Tgt Ion:196 Resp: 186980

Ion Ratio Lower Upper

196 100

198 96.3 76.1 114.1

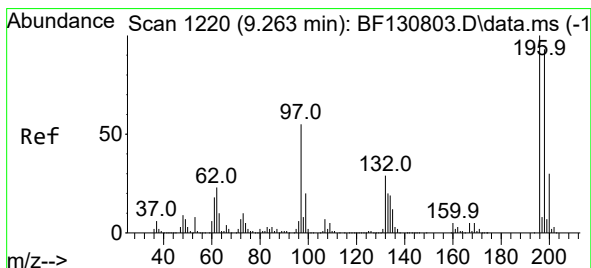
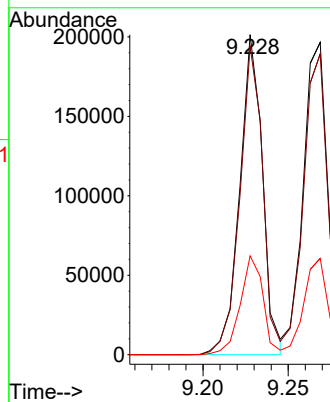
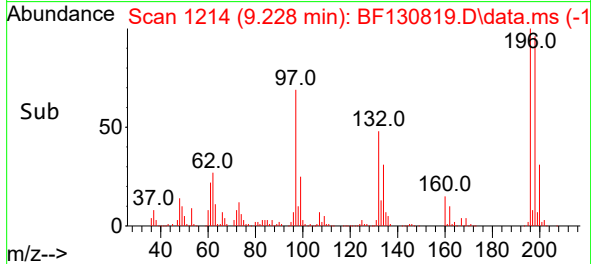
200 30.9 24.5 36.7

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#44

2,4,5-Trichlorophenol

Concen: 45.815 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF130819.D

Acq: 28 Oct 2022 10:41

Tgt Ion:196 Resp: 202878

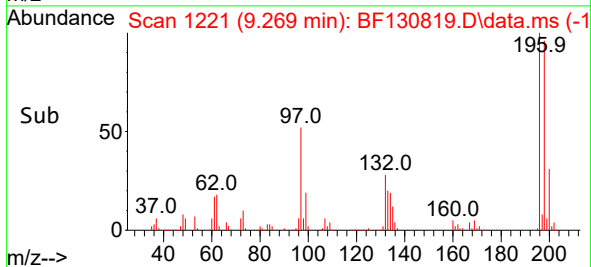
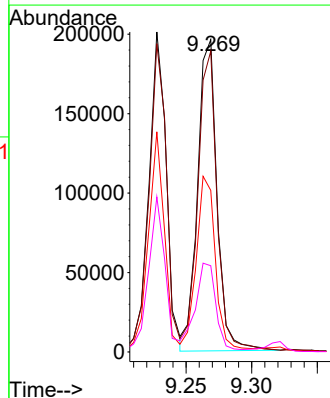
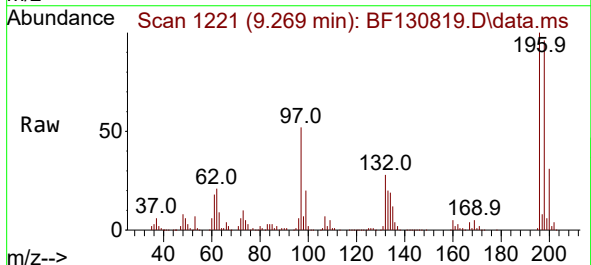
Ion Ratio Lower Upper

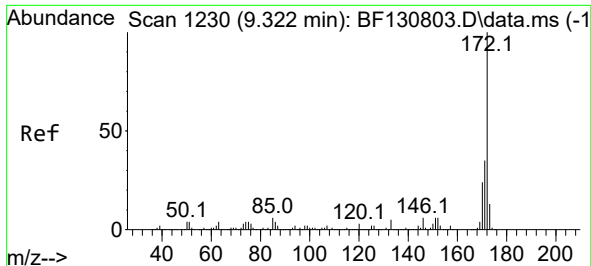
196 100

198 96.3 74.6 112.0

97 51.8 44.7 67.1

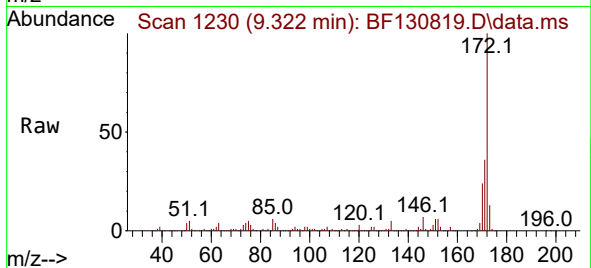
132 27.6 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 84.005 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

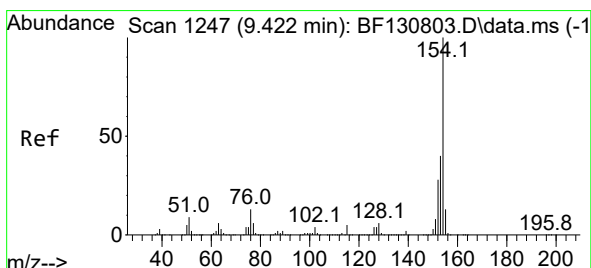
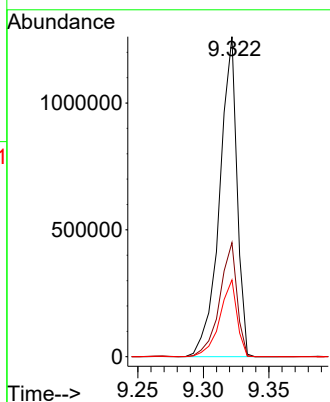
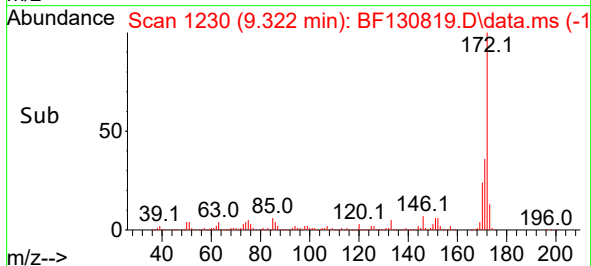
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



Tgt Ion:172 Resp: 1168690
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.0 19.0 28.4

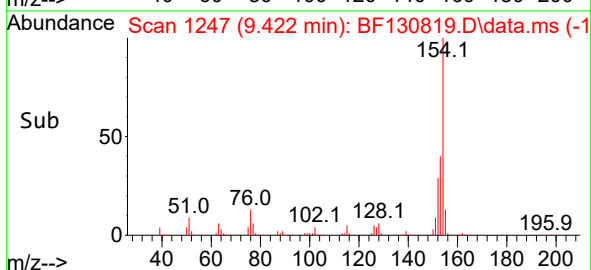
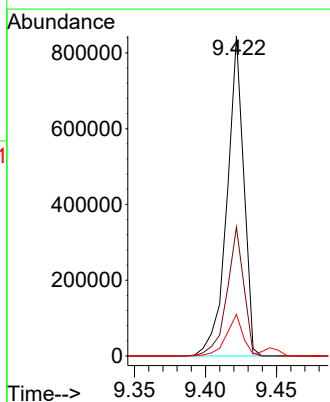
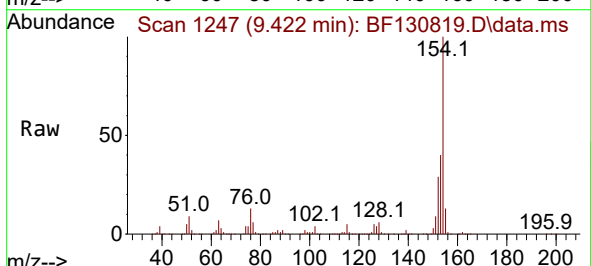
Manual Integrations
APPROVED

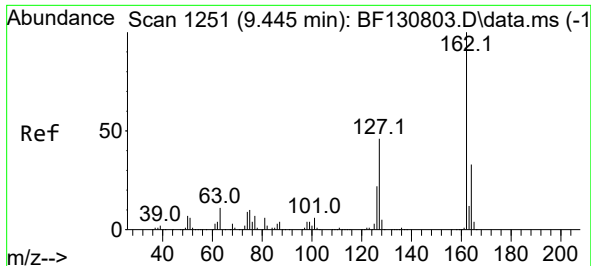
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#46
1,1'-Biphenyl
Concen: 46.081 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

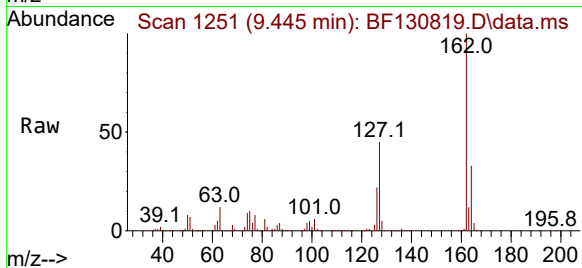
Tgt Ion:154 Resp: 690542
Ion Ratio Lower Upper
154 100
153 40.3 19.9 59.9
76 13.0 0.0 32.5





#47
2-Chloronaphthalene
Concen: 44.268 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

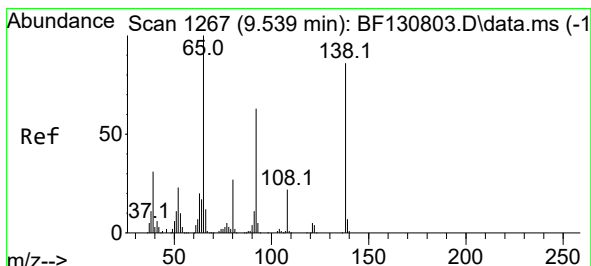
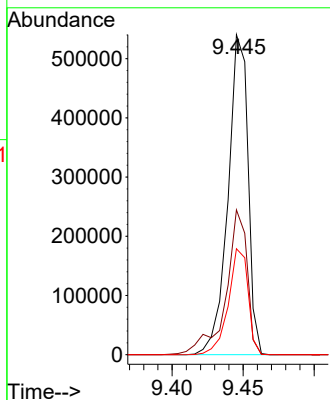
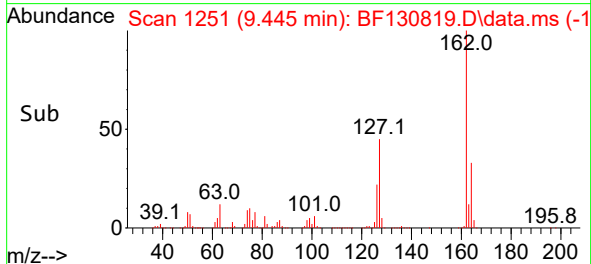
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



Tgt Ion: 162 Resp: 531930
Ion Ratio Lower Upper
162 100
127 45.3 36.6 54.8
164 33.1 26.5 39.7

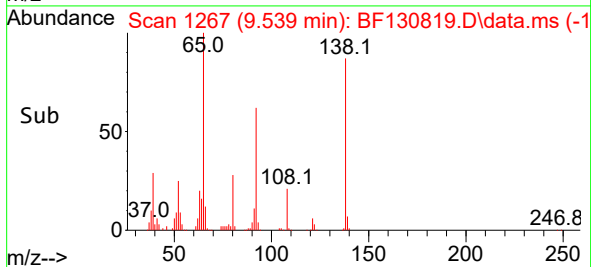
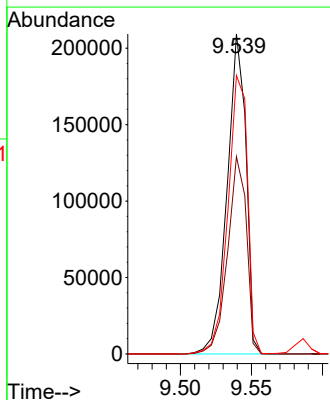
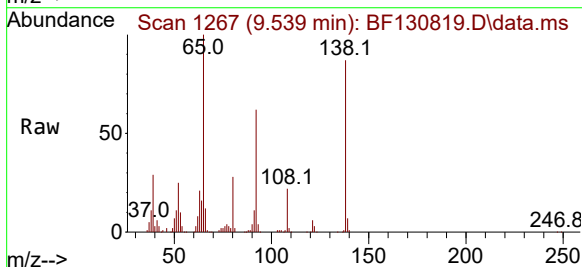
Manual Integrations
APPROVED

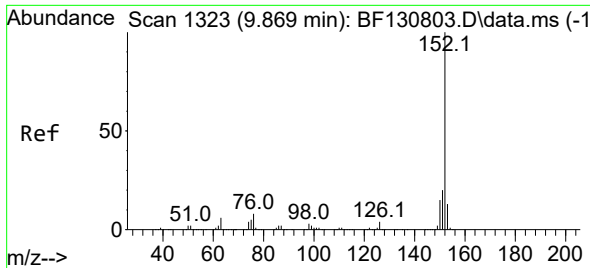
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#48
2-Nitroaniline
Concen: 49.749 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Tgt Ion: 65 Resp: 192862
Ion Ratio Lower Upper
65 100
92 61.6 50.1 75.1
138 87.1 69.2 103.8





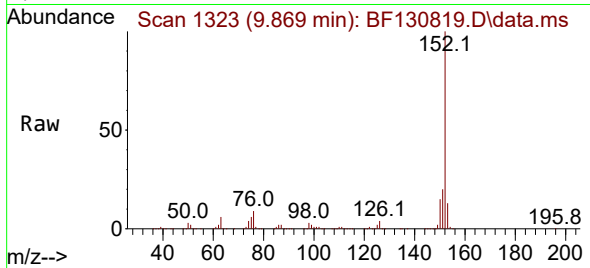
#49
Acenaphthylene
Concen: 44.562 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

ClientSampleId :

PB148383BSD

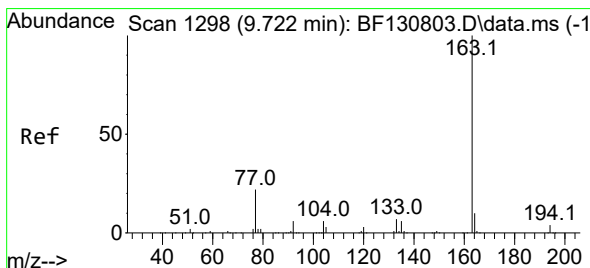
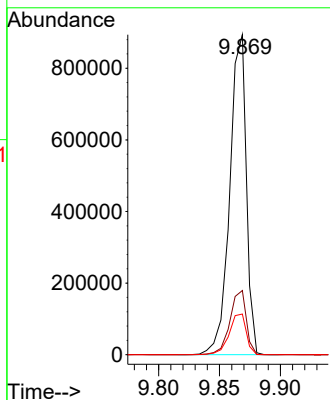
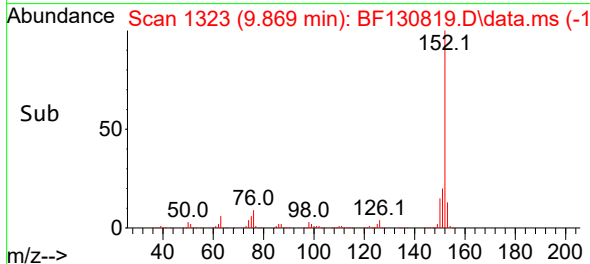


Tgt Ion:152 Resp: 846168
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 12.7 10.2 15.4

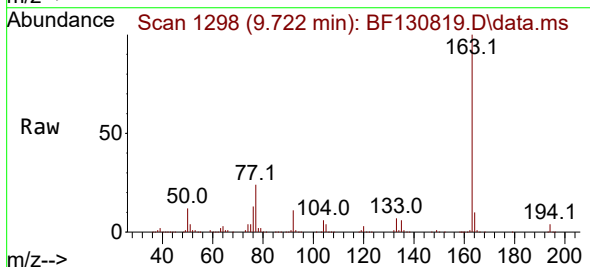
Manual Integrations

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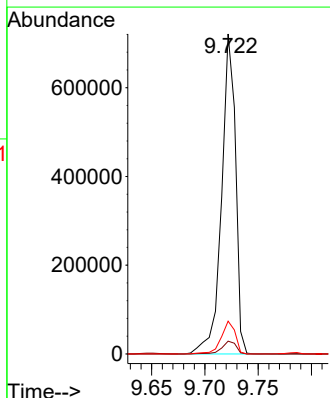
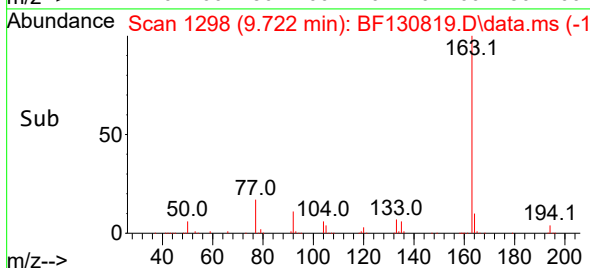
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

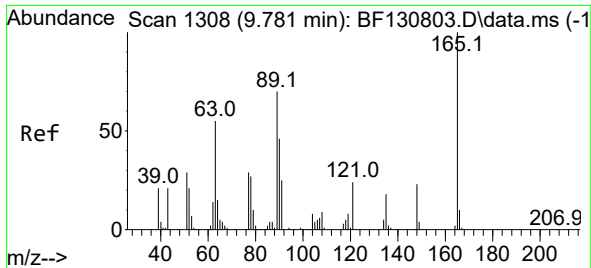


#50
Dimethylphthalate
Concen: 45.434 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



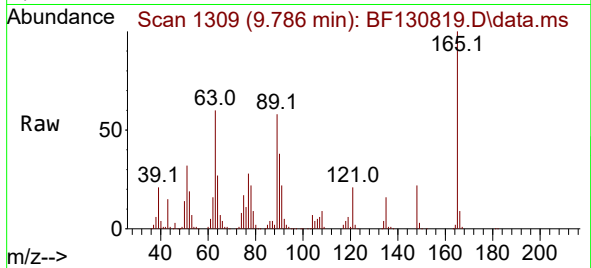
Tgt Ion:163 Resp: 656388
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 50.542 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.005 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

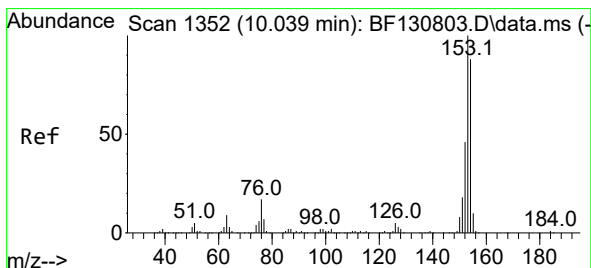
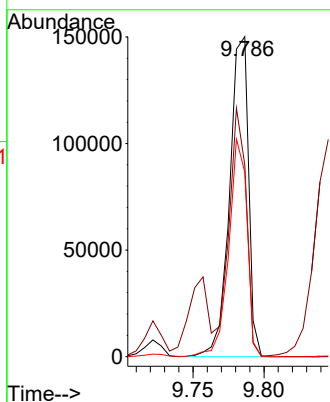
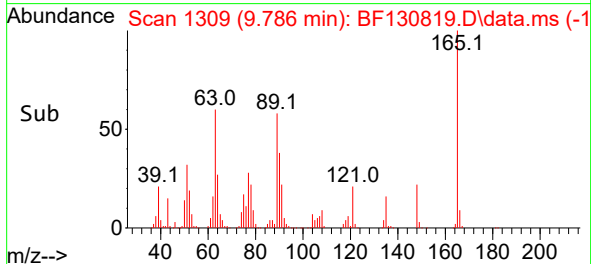
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



Tgt Ion:165 Resp: 139230
Ion Ratio Lower Upper
165 100
63 60.0 61.8 92.8
89 57.7 56.2 84.4

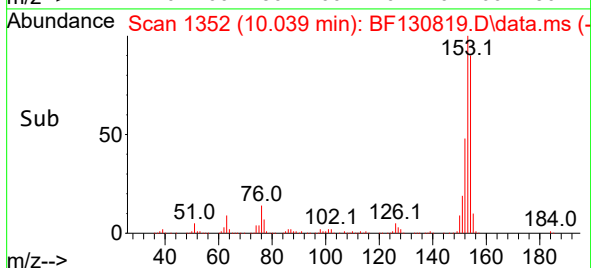
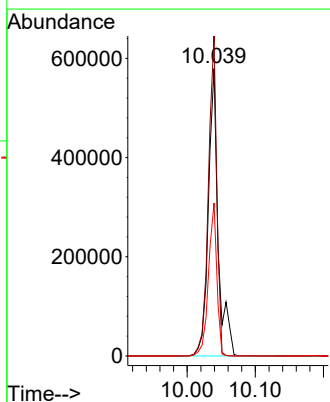
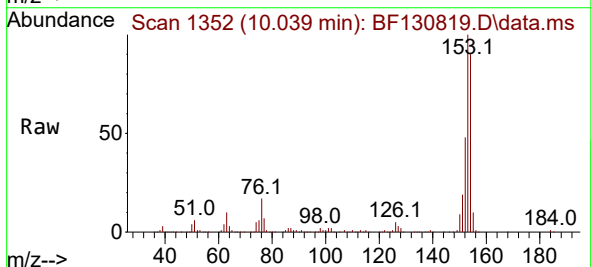
Manual Integrations
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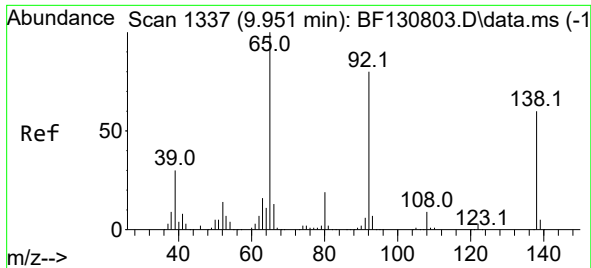
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#52
Acenaphthene
Concen: 49.703 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Tgt Ion:154 Resp: 583594
Ion Ratio Lower Upper
154 100
153 111.3 90.5 135.7
152 53.2 42.0 63.0





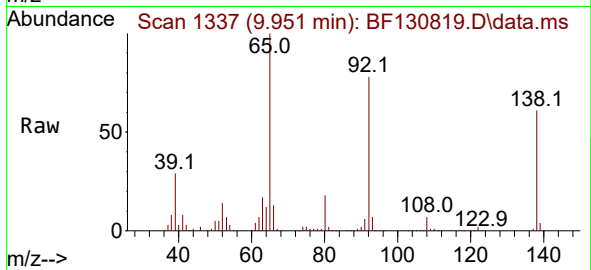
#53
3-Nitroaniline
Concen: 43.792 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

ClientSampleId :

PB148383BSD

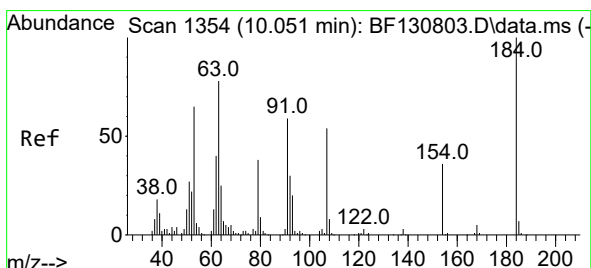
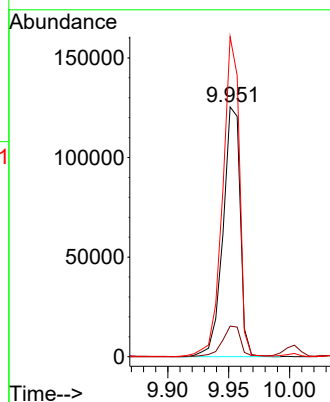
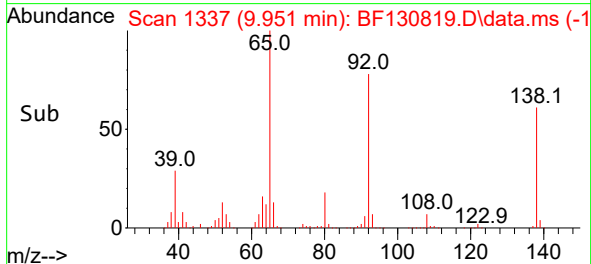


Tgt Ion:138 Resp: 123229
Ion Ratio Lower Upper
138 100
108 12.2 12.7 19.1
92 128.1 107.8 161.8

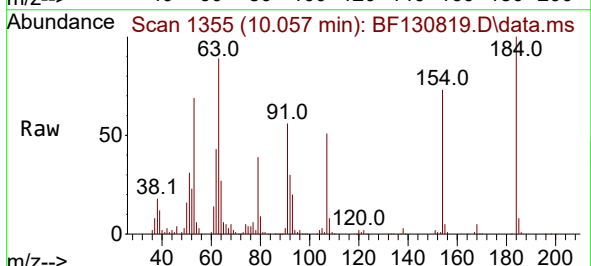
Manual Integrations

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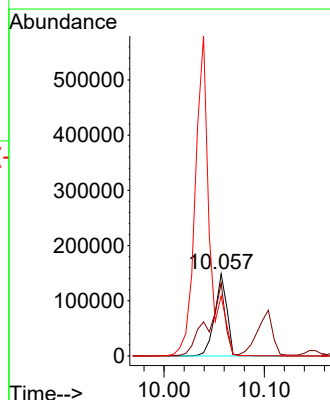
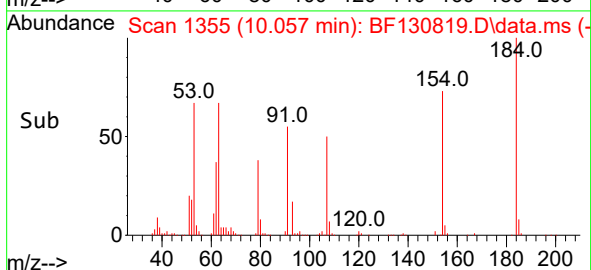
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

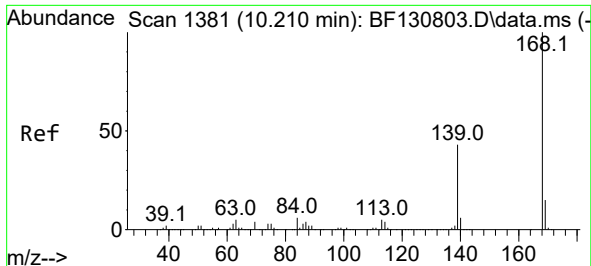


#54
2,4-Dinitrophenol
Concen: 89.718 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



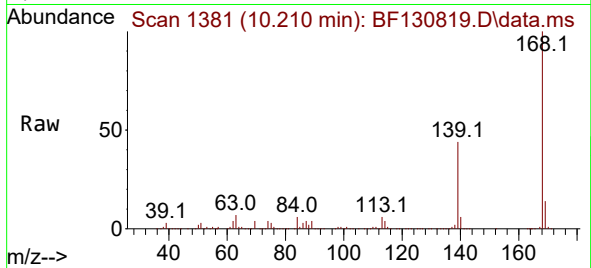
Tgt Ion:184 Resp: 124852
Ion Ratio Lower Upper
184 100
63 88.5 66.7 100.1
154 73.2 62.2 93.2





#55
Dibenzofuran
Concen: 44.637 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

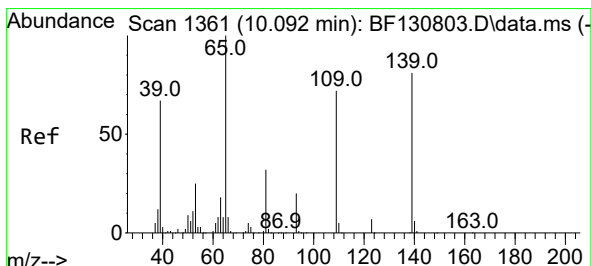
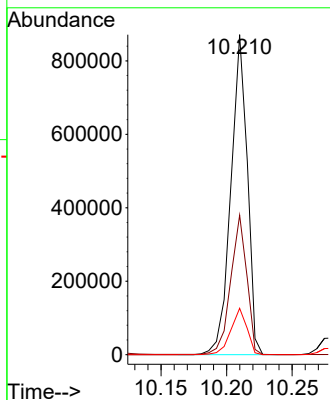
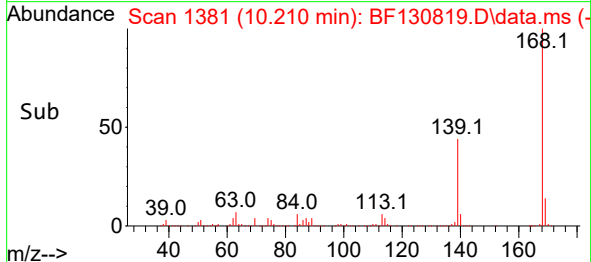
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



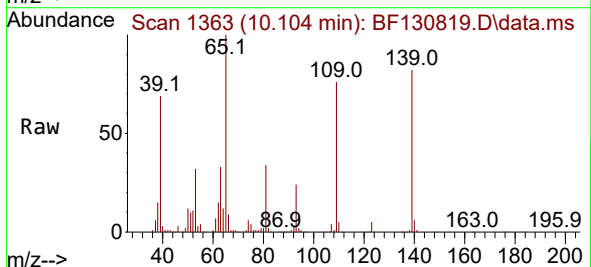
Tgt Ion:168 Resp: 75969
Ion Ratio Lower Upper
168 100
139 43.6 34.3 51.5
169 14.5 11.9 17.9

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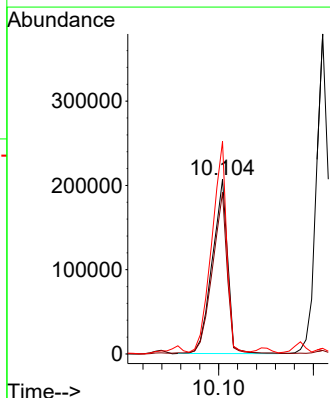
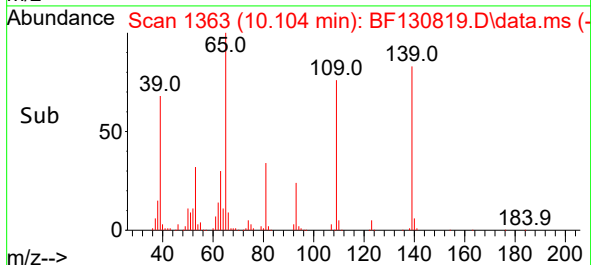
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

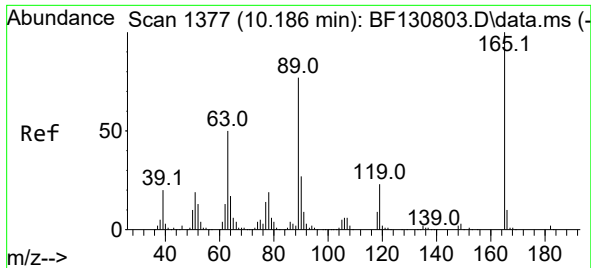


#56
4-Nitrophenol
Concen: 104.194 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



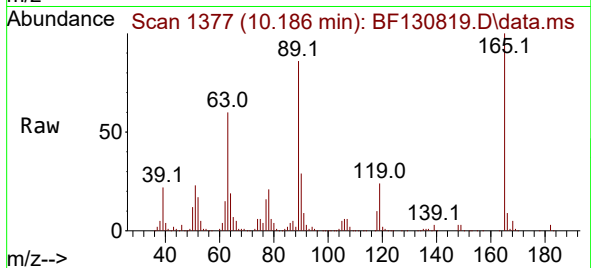
Tgt Ion:139 Resp: 232154
Ion Ratio Lower Upper
139 100
109 92.5 69.3 109.3
65 121.8 105.3 145.3





#57
2,4-Dinitrotoluene
Concen: 52.532 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

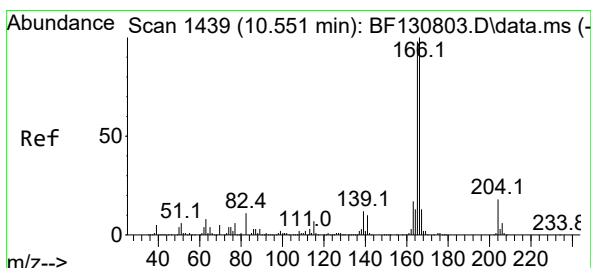
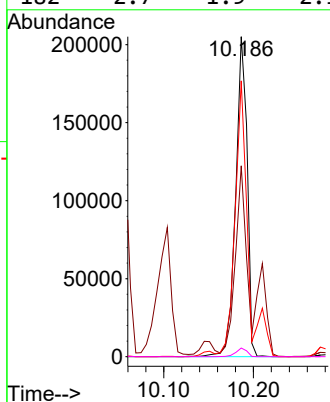
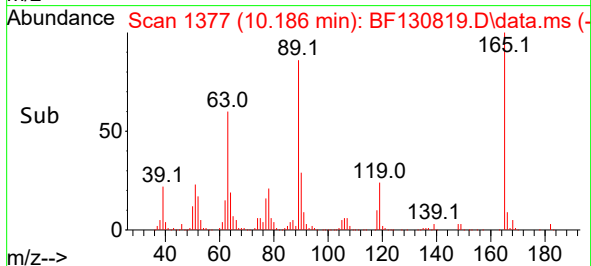
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



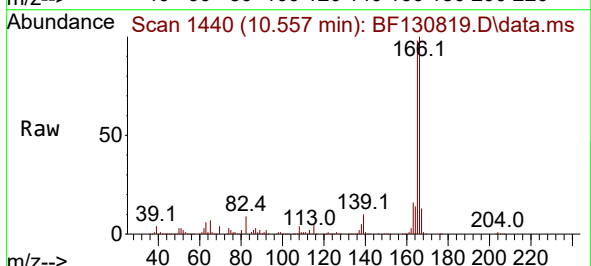
Tgt Ion:165 Resp: 182572
Ion Ratio Lower Upper
165 100
63 59.7 39.8 59.6
89 86.2 61.9 92.9
182 2.7 1.9 2.9

Manual Integrations
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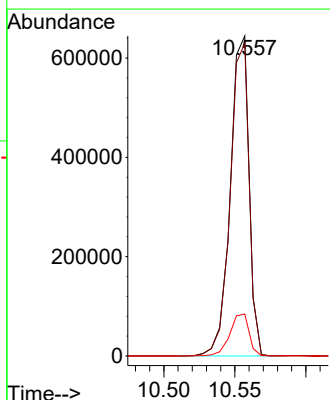
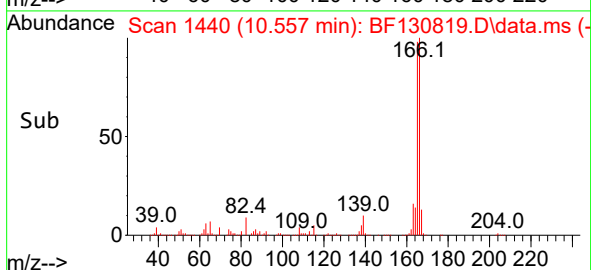
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

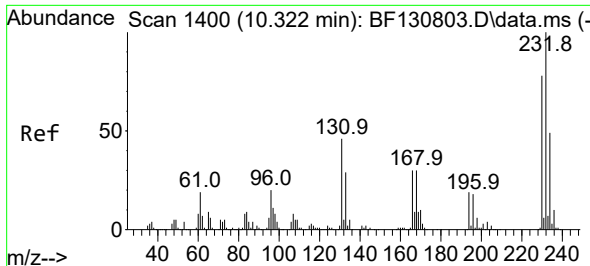


#58
Fluorene
Concen: 44.241 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



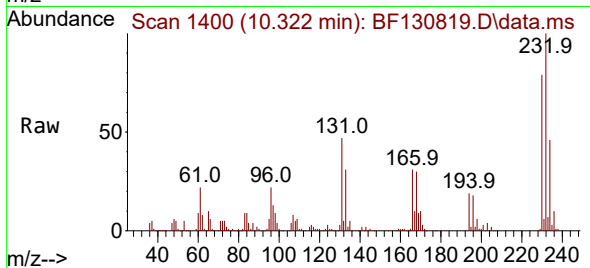
Tgt Ion:166 Resp: 592886
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.1 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.037 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

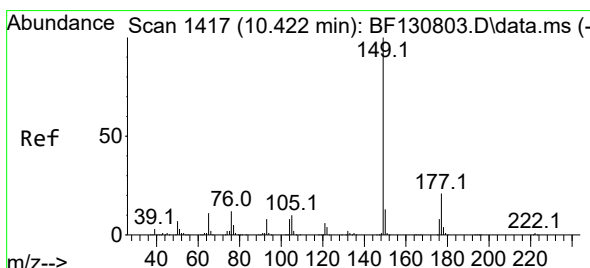
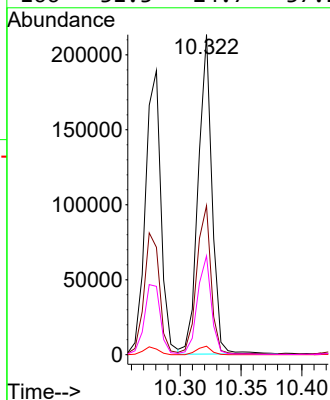
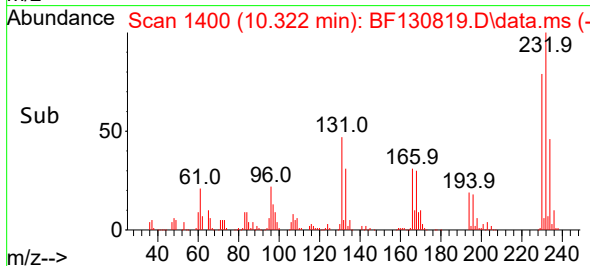
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



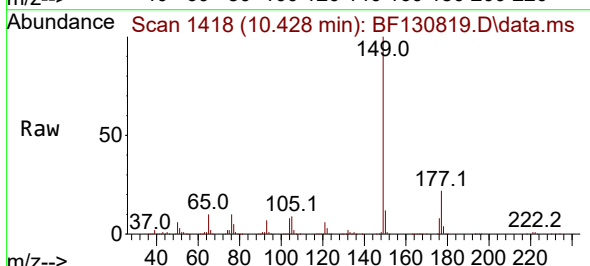
Tgt Ion:232 Resp: 168074
Ion Ratio Lower Upper
232 100
131 49.6 39.6 59.4
130 2.8 2.1 3.1
166 31.3 24.7 37.1

Manual Integrations
APPROVED

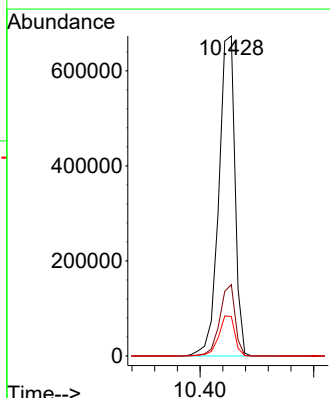
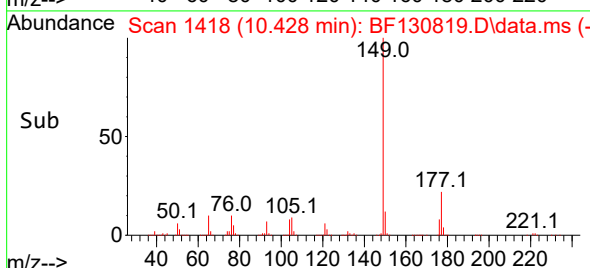
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

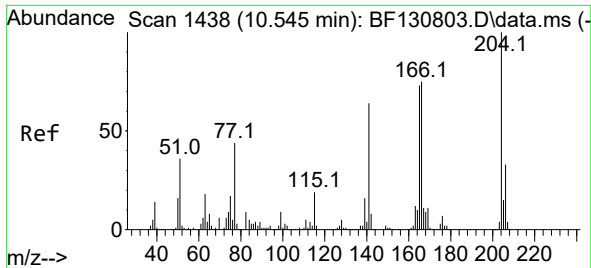


#60
Diethylphthalate
Concen: 46.945 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



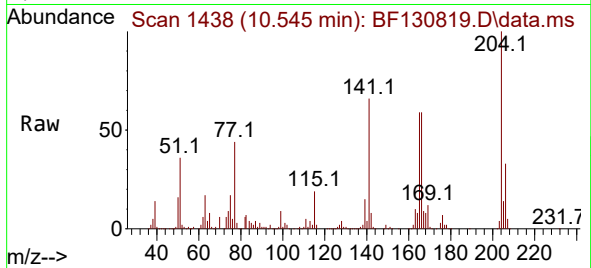
Tgt Ion:149 Resp: 667001
Ion Ratio Lower Upper
149 100
177 22.3 17.2 25.8
150 12.3 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 45.612 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

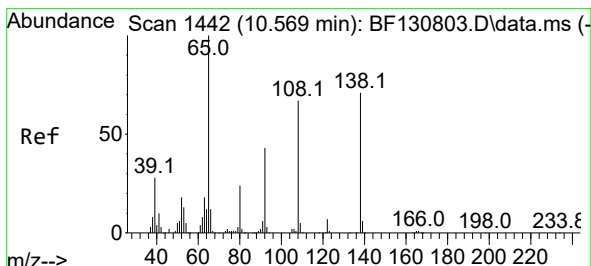
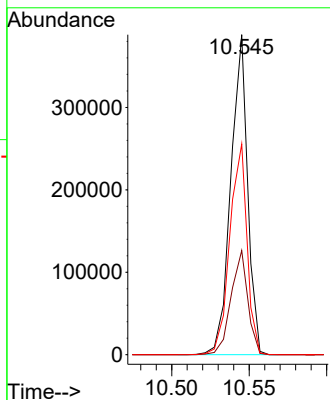
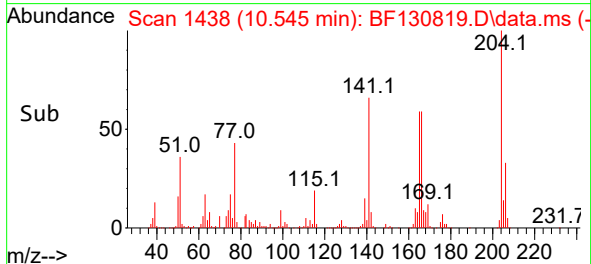
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



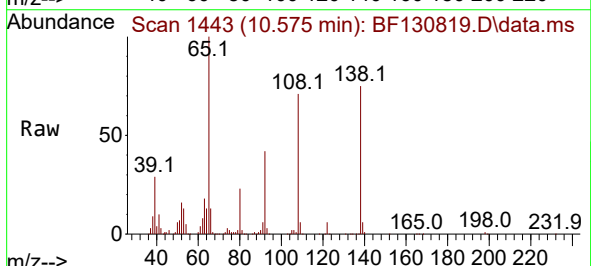
Tgt Ion:204 Resp: 292424
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 65.8 51.3 76.9

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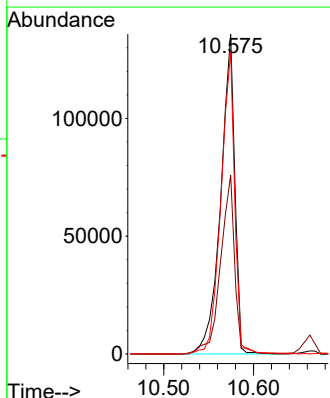
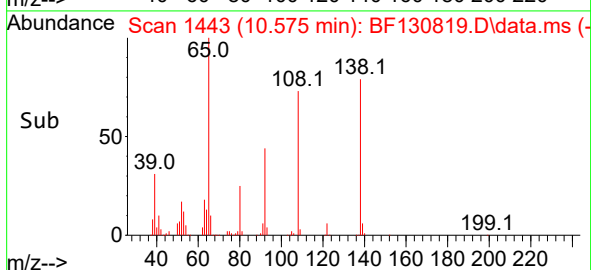
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

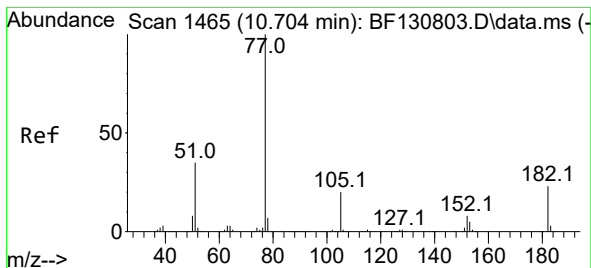


#62
4-Nitroaniline
Concen: 52.023 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



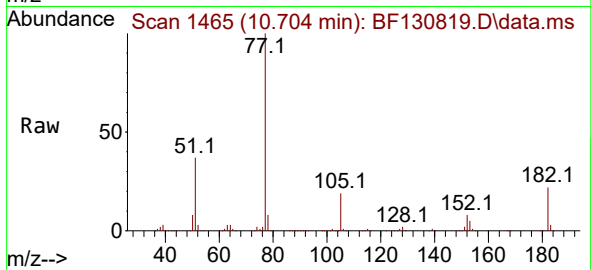
Tgt Ion:138 Resp: 148234
Ion Ratio Lower Upper
138 100
92 55.9 40.6 80.6
108 94.5 74.7 114.7





#63
Azobenzene
Concen: 45.874 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

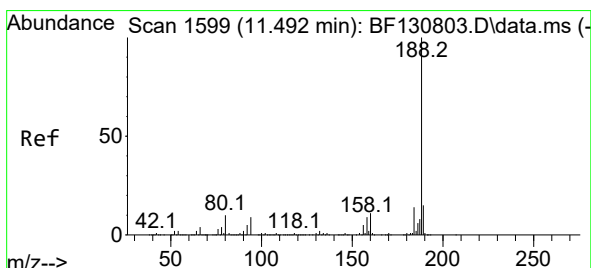
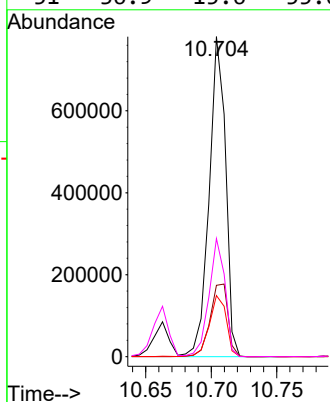
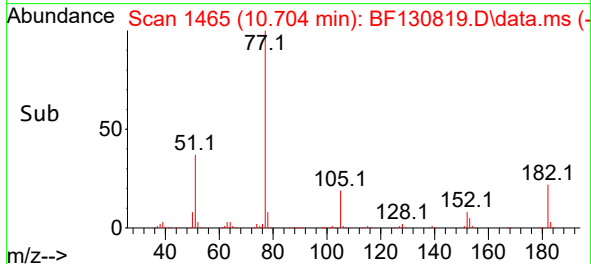
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



Tgt Ion: 77 Resp: 68038
Ion Ratio Lower Upper
77 100
182 22.3 2.6 42.6
105 19.1 0.0 40.0
51 36.9 15.6 55.6

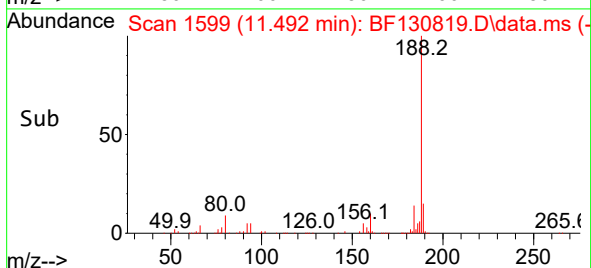
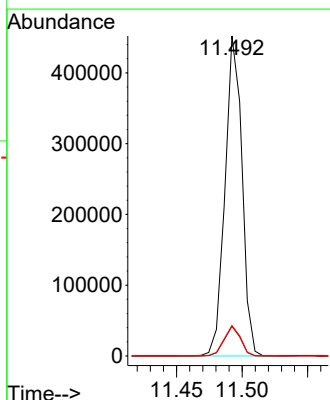
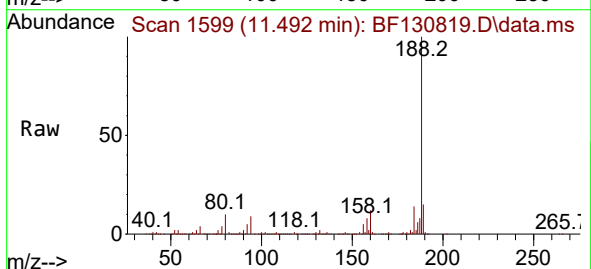
Manual Integrations
APPROVED

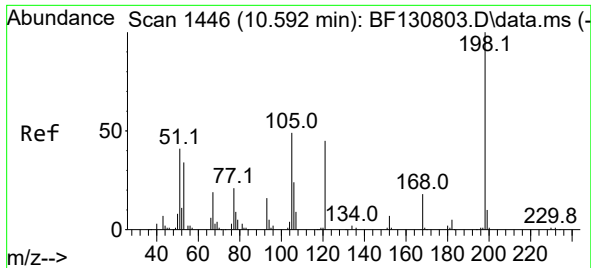
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Tgt Ion:188 Resp: 406432
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.5 8.0 12.0





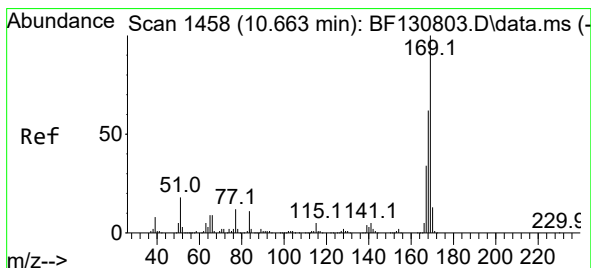
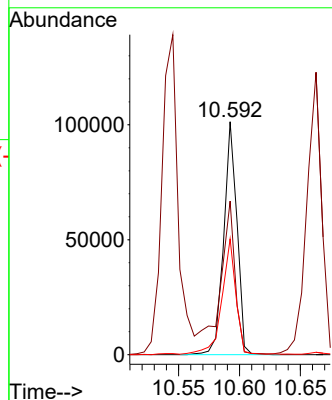
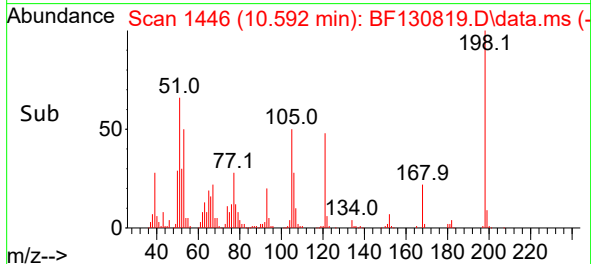
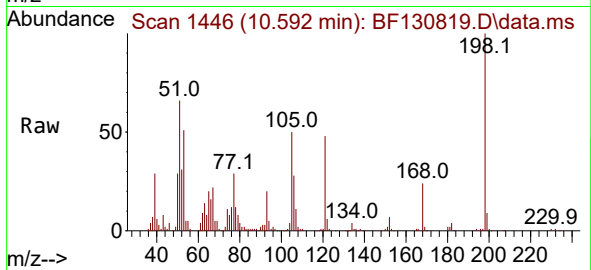
#65
4,6-Dinitro-2-methylphenol
Concen: 45.656 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Instrument :
BNA_F
ClientSampleId :
PB148383BSD

Tgt Ion:198 Resp: 7676
Ion Ratio Lower Upper
198 100
51 65.9 39.0 79.0
105 49.7 30.6 70.6

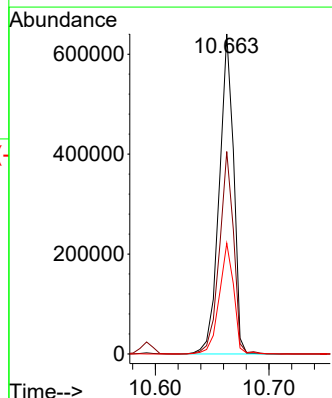
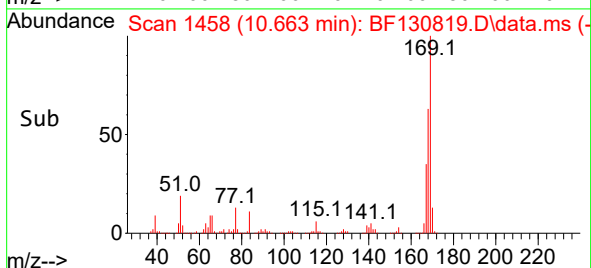
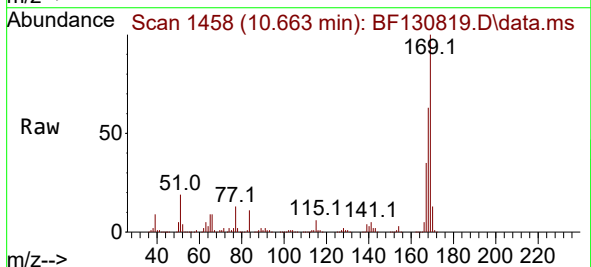
Manual Integrations
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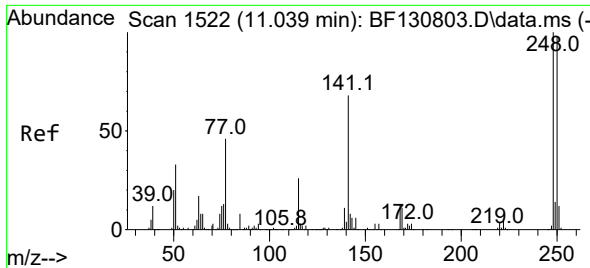
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#66
n-Nitrosodiphenylamine
Concen: 44.368 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

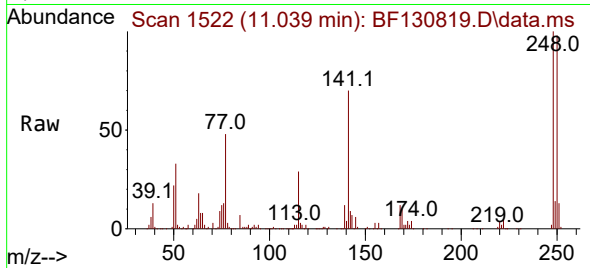
Tgt Ion:169 Resp: 562469
Ion Ratio Lower Upper
169 100
168 63.2 49.4 74.0
167 34.6 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 46.164 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

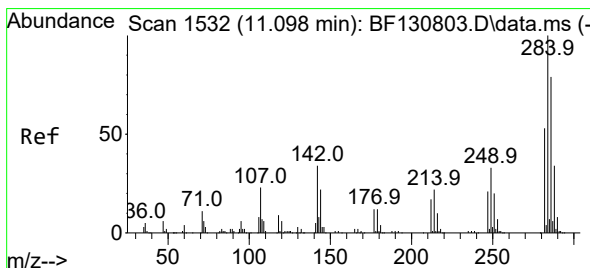
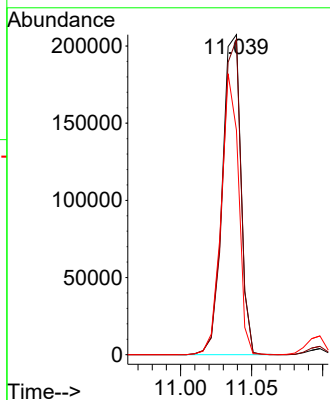
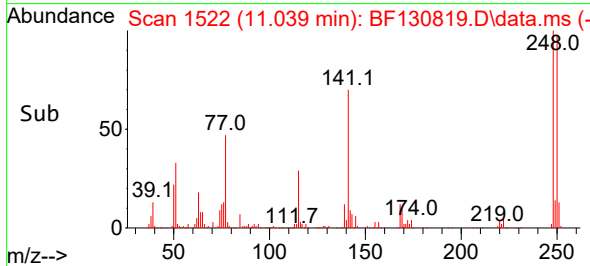
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



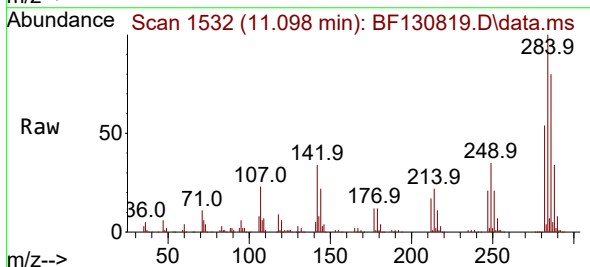
Tgt Ion:248 Resp: 188688
Ion Ratio Lower Upper
248 100
250 98.5 78.6 117.8
141 70.2 54.2 81.4

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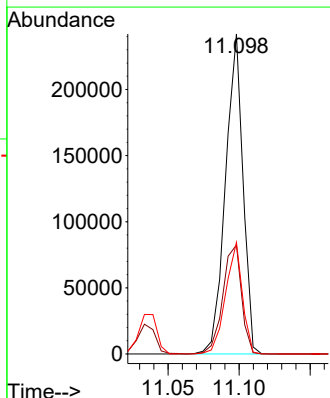
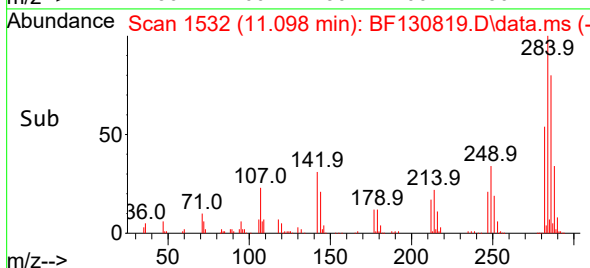
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

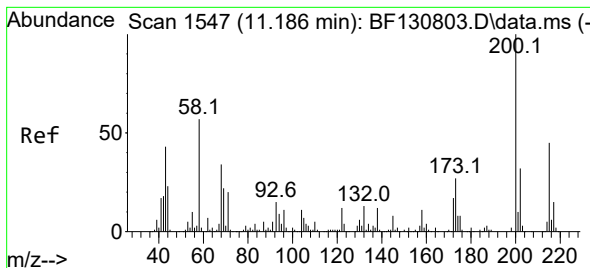


#68
Hexachlorobenzene
Concen: 45.928 ng
RT: 11.098 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



Tgt Ion:284 Resp: 206830
Ion Ratio Lower Upper
284 100
142 34.0 27.1 40.7
249 34.9 26.6 39.8





#69

Atrazine

Concen: 55.045 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.006 min

Lab File: BF130819.D

Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

ClientSampleId :

PB148383BSD

Tgt Ion:200 Resp: 201520

Ion Ratio Lower Upper

200 100

173 25.5 7.1 47.1

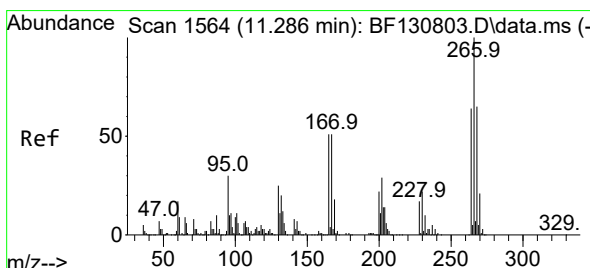
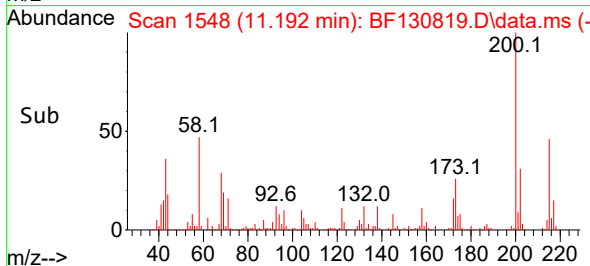
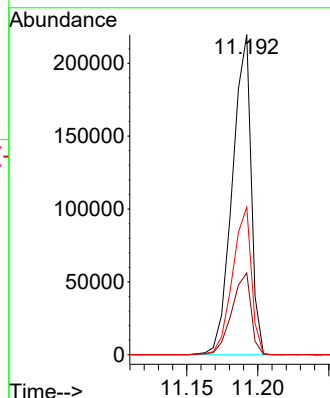
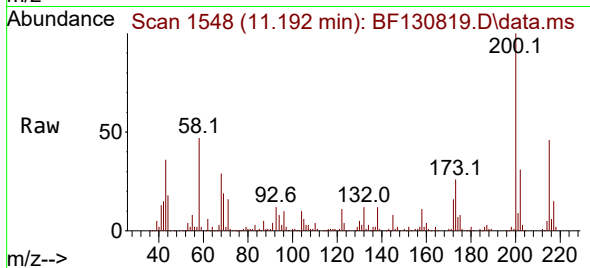
215 46.1 25.4 65.4

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Reviewed By :Christian Giraldo 10/31/2022

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#70

Pentachlorophenol

Concen: 93.175 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.006 min

Lab File: BF130819.D

Acq: 28 Oct 2022 10:41

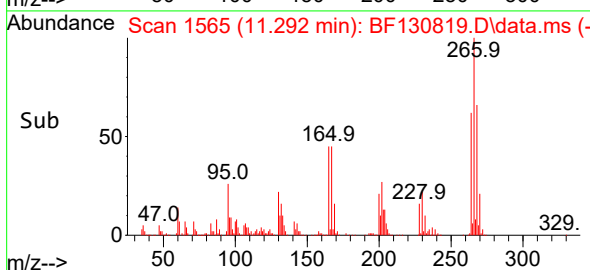
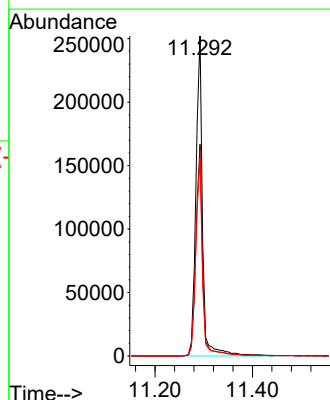
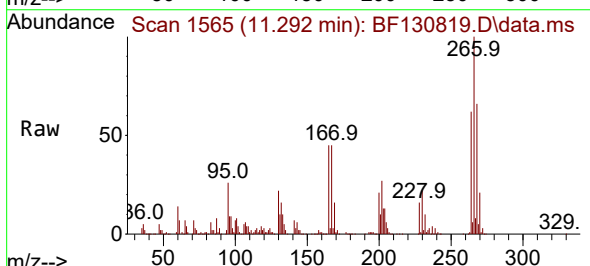
Tgt Ion:266 Resp: 239436

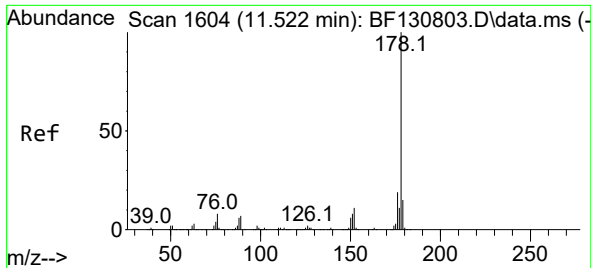
Ion Ratio Lower Upper

266 100

268 66.2 51.8 77.6

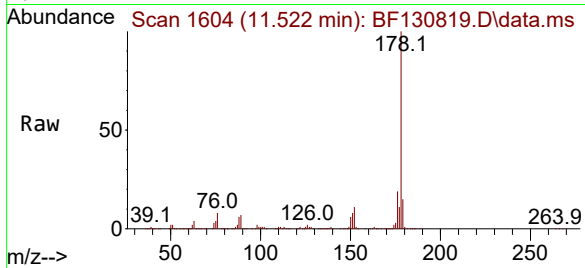
264 61.7 51.6 77.4





#71
Phenanthrene
Concen: 43.555 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

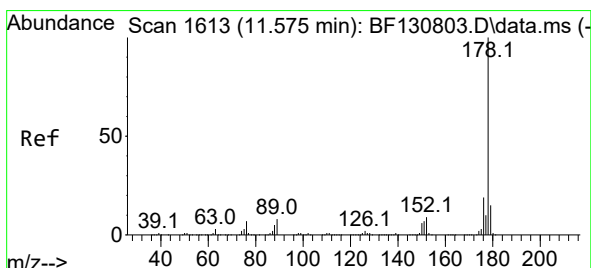
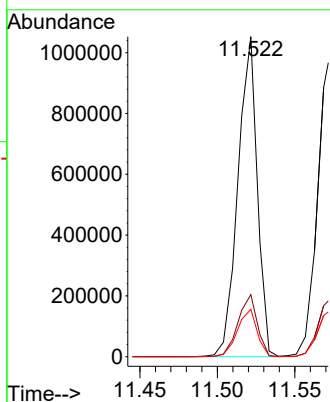
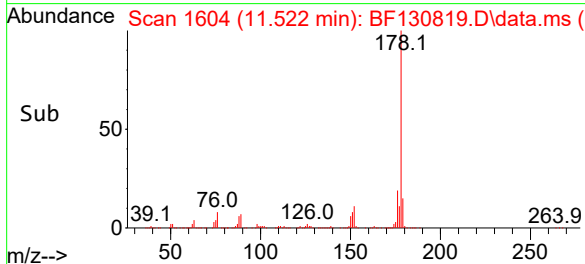
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



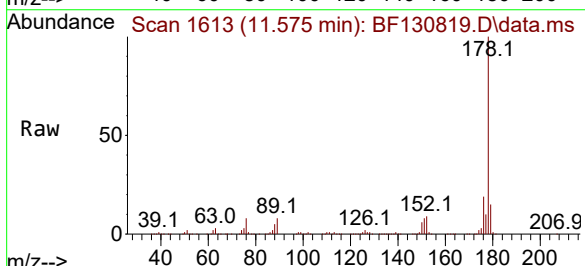
Tgt Ion:178 Resp: 91365
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 14.8 12.2 18.2

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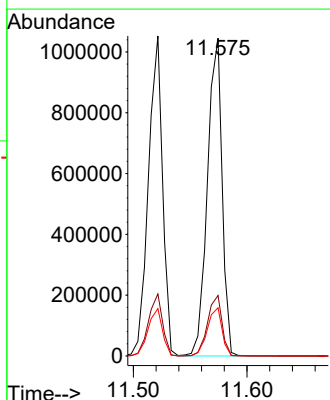
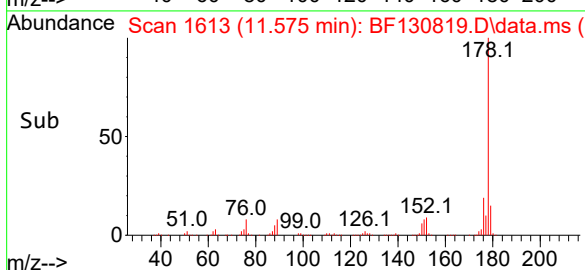
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

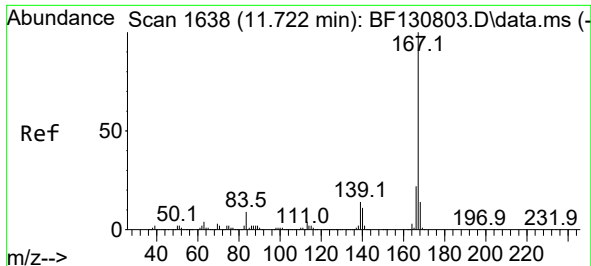


#72
Anthracene
Concen: 45.252 ng
RT: 11.575 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



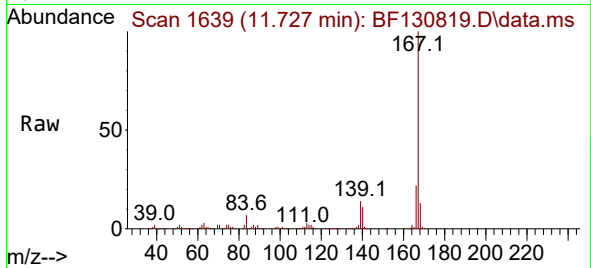
Tgt Ion:178 Resp: 936283
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.2 12.2 18.4





#73
 Carbazole
 Concen: 45.088 ng
 RT: 11.727 min Scan# 1638
 Delta R.T. 0.006 min
 Lab File: BF130819.D
 Acq: 28 Oct 2022 10:41

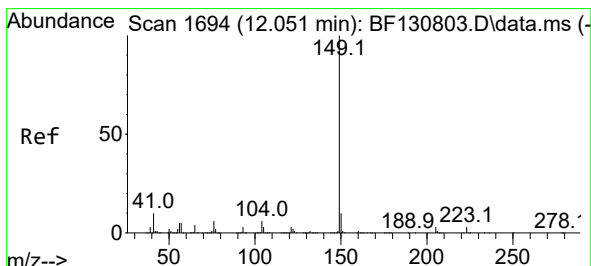
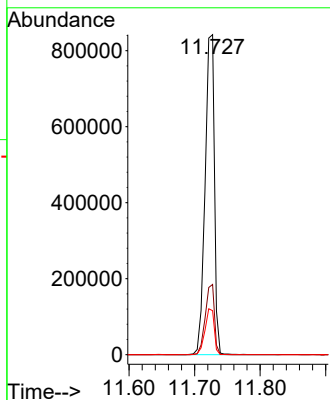
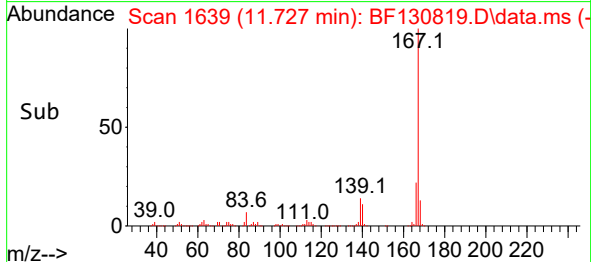
Instrument :
 BNA_F
 ClientSampleId :
 PB148383BSD



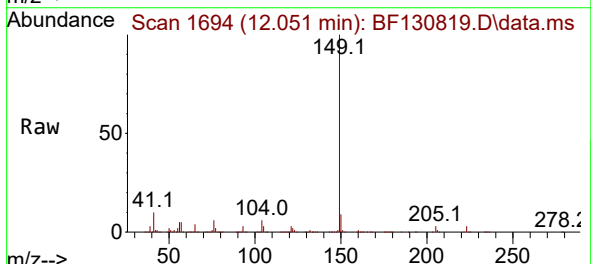
Tgt Ion:167 Resp: 835435
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.7 11.3 16.9

Manual Integrations
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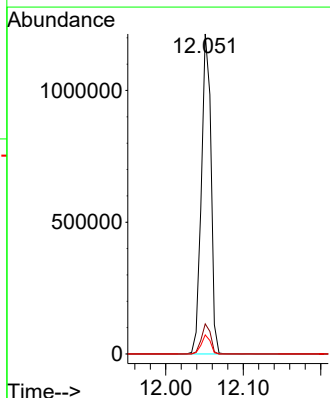
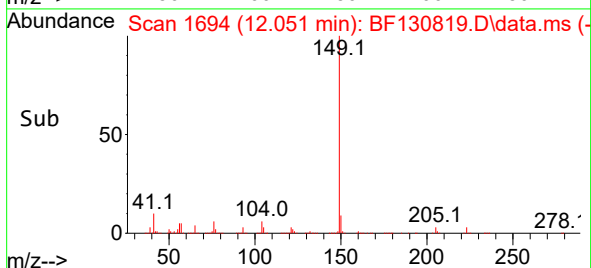
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

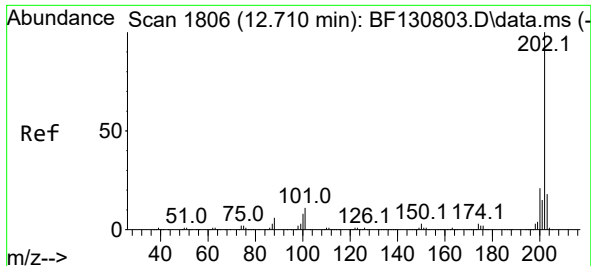


#74
 Di-n-butylphthalate
 Concen: 46.362 ng
 RT: 12.051 min Scan# 1694
 Delta R.T. -0.000 min
 Lab File: BF130819.D
 Acq: 28 Oct 2022 10:41



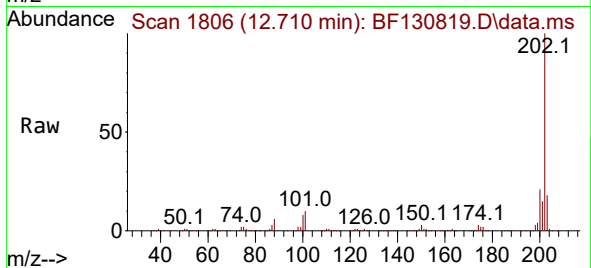
Tgt Ion:149 Resp: 1043296
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 6.0 4.6 6.8





#75
Fluoranthene
Concen: 44.214 ng
RT: 12.710 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

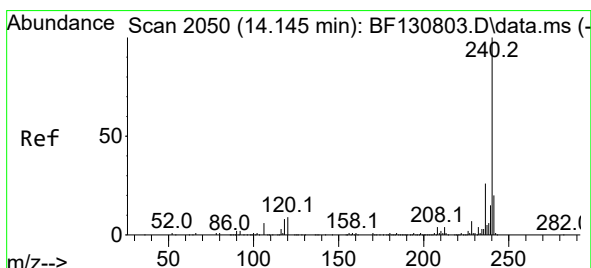
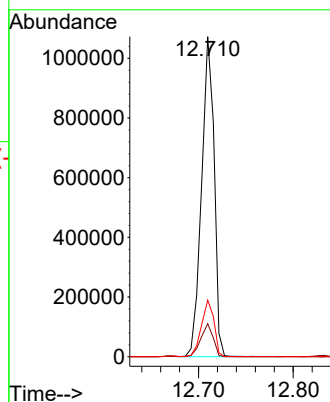
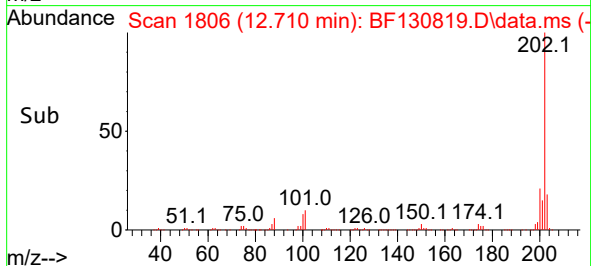
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



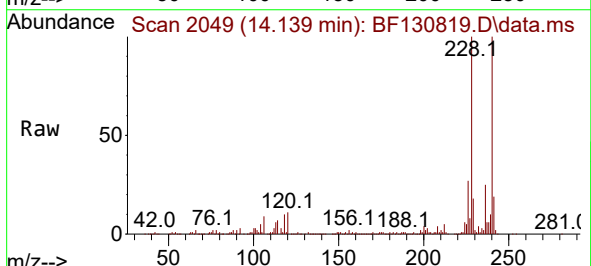
Tgt Ion:202 Resp: 98544
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.9
203 17.6 0.0 37.7

Manual Integrations
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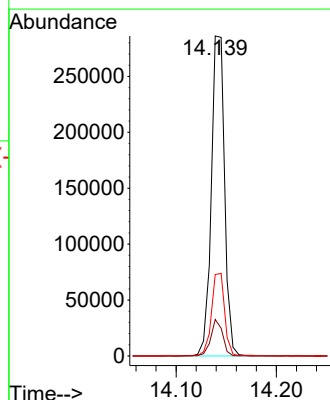
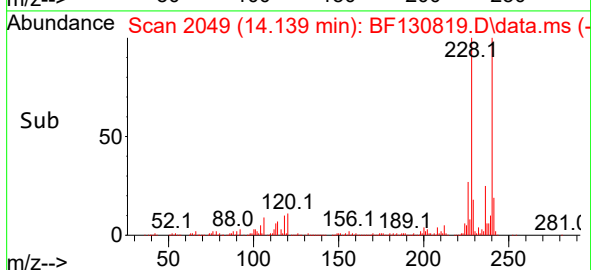
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

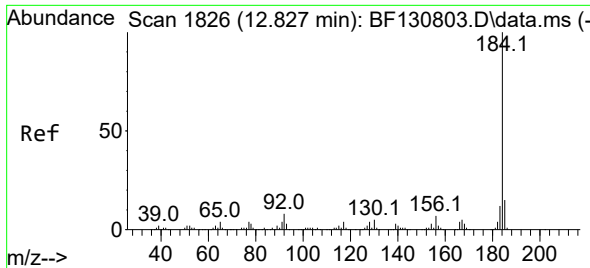


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



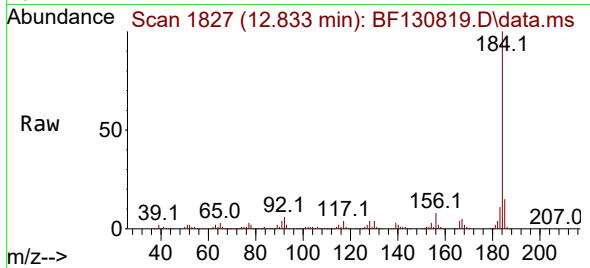
Tgt Ion:240 Resp: 263221
Ion Ratio Lower Upper
240 100
120 11.4 7.0 10.4#
236 25.5 20.5 30.7





#77
Benzidine
Concen: 76.412 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

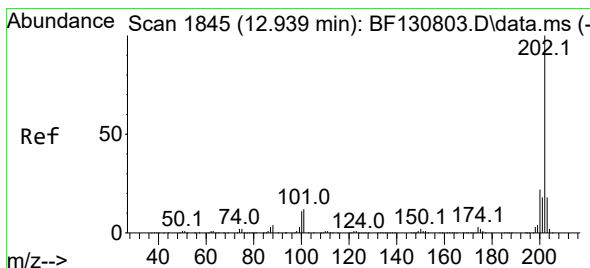
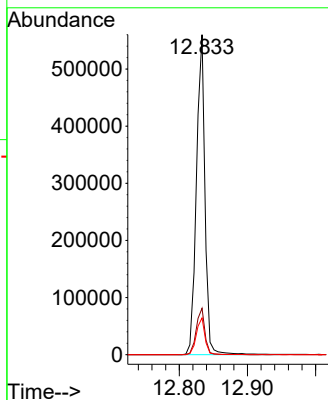
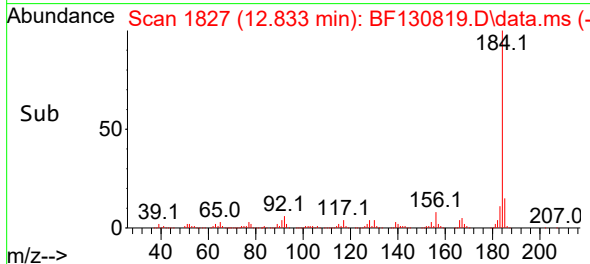
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



Tgt Ion:184 Resp: 488249
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.8
183 11.5 9.7 14.5

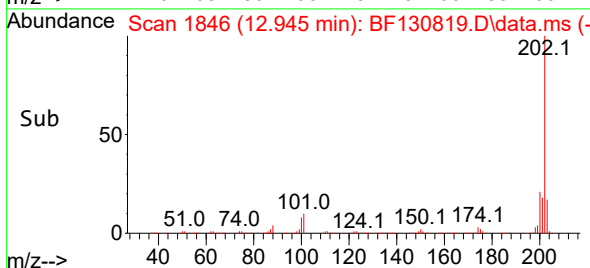
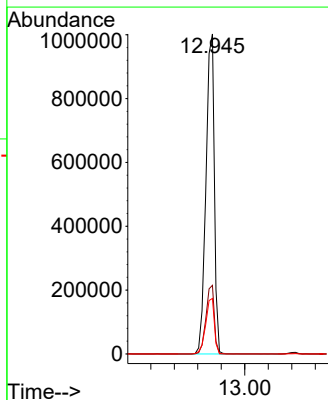
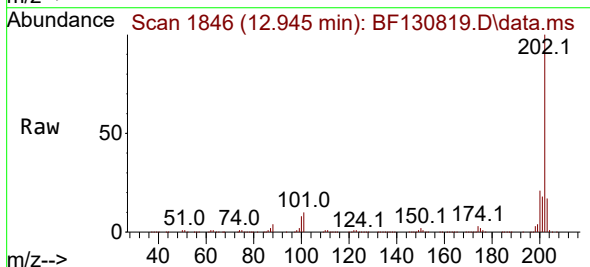
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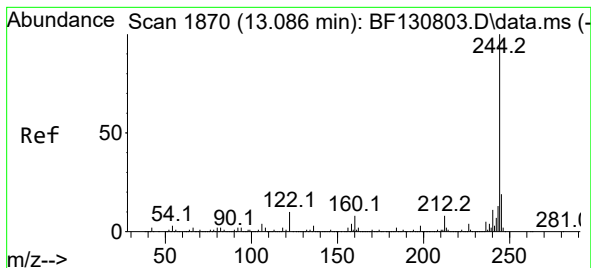
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#78
Pyrene
Concen: 44.618 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Tgt Ion:202 Resp: 990847
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.4 14.5 21.7





#79

Terphenyl-d14

Concen: 95.031 ng

RT: 13.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130819.D

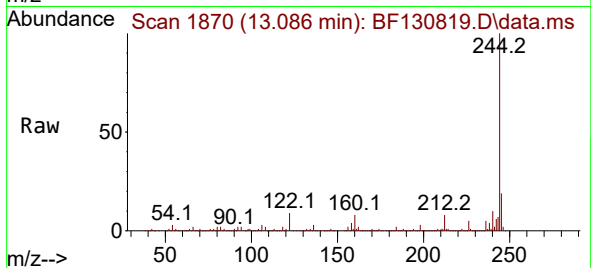
Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

ClientSampleId :

PB148383BSD



Tgt Ion:244 Resp: 1365060

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

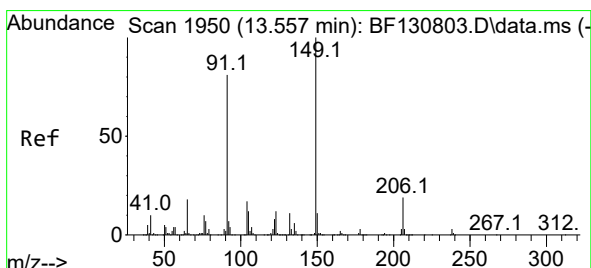
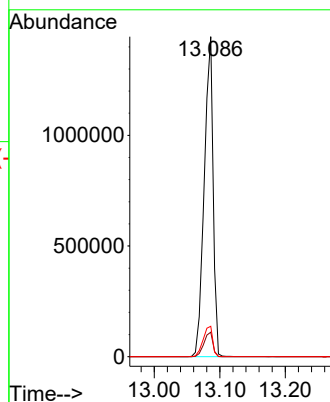
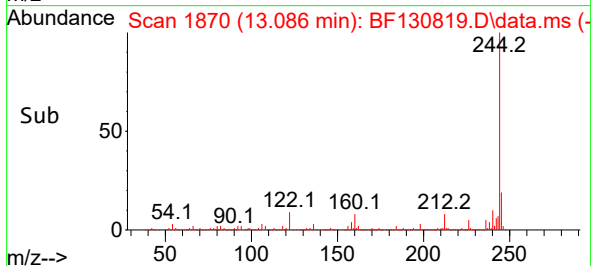
122 9.5 7.9 11.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#80

Butylbenzylphthalate

Concen: 48.987 ng

RT: 13.557 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BF130819.D

Acq: 28 Oct 2022 10:41

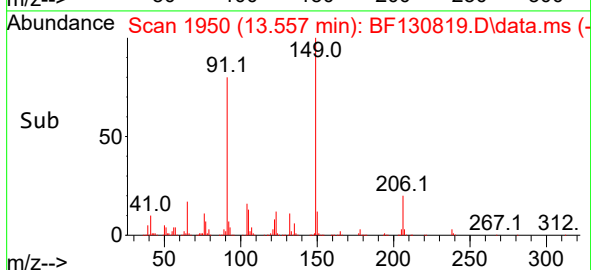
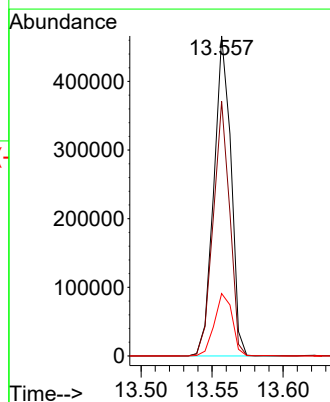
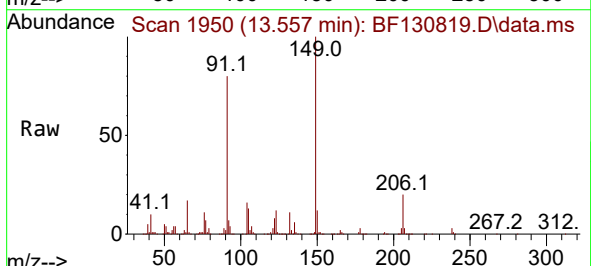
Tgt Ion:149 Resp: 391388

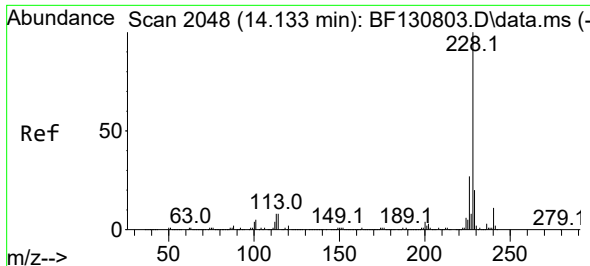
Ion Ratio Lower Upper

149 100

91 79.6 64.5 96.7

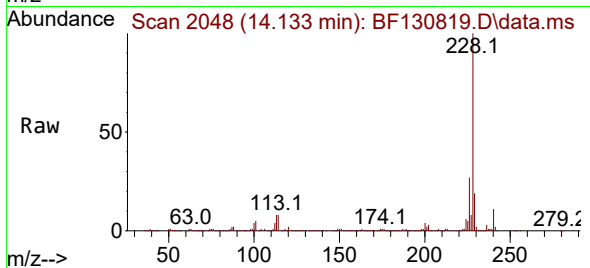
206 19.5 15.3 22.9





#81
Benzo(a)anthracene
Concen: 44.770 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

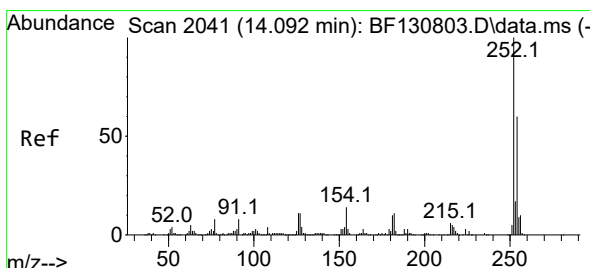
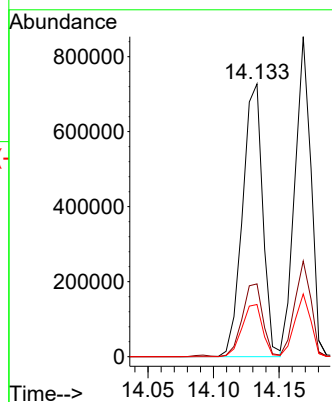
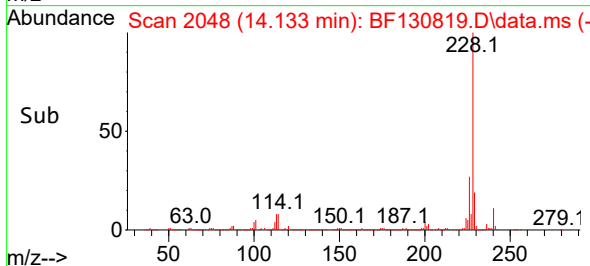
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



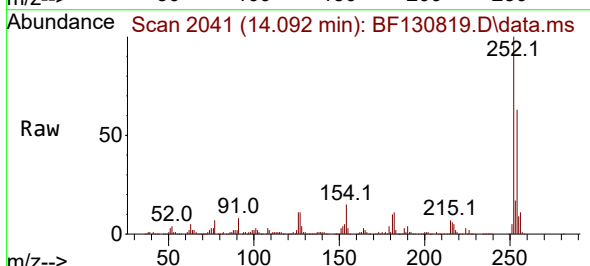
Tgt Ion:228 Resp: 781309
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 19.1 15.8 23.6

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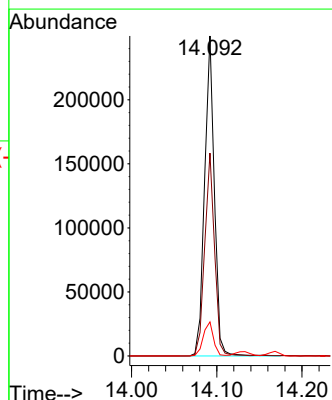
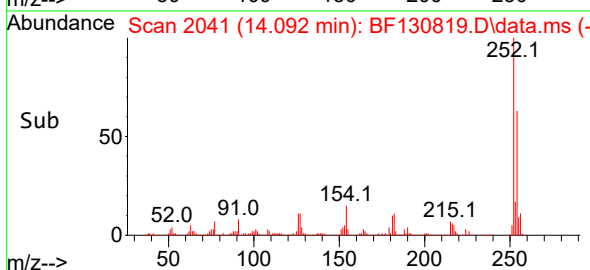
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

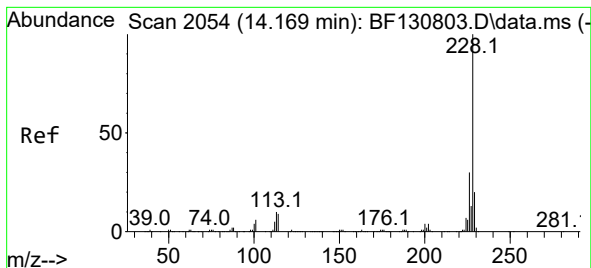


#82
3,3'-Dichlorobenzidine
Concen: 42.258 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



Tgt Ion:252 Resp: 199041
Ion Ratio Lower Upper
252 100
254 63.4 47.8 71.6
126 10.7 9.0 13.6





#83

Chrysene

Concen: 43.018 ng

RT: 14.168 min Scan# 2054

Delta R.T. -0.000 min

Lab File: BF130819.D

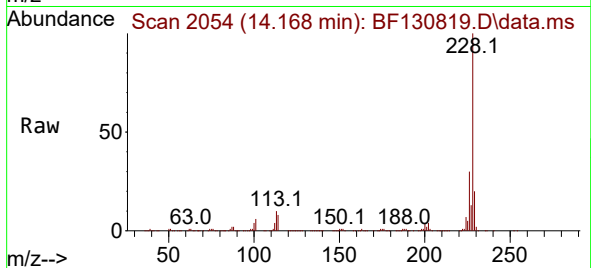
Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

ClientSampleId :

PB148383BSD



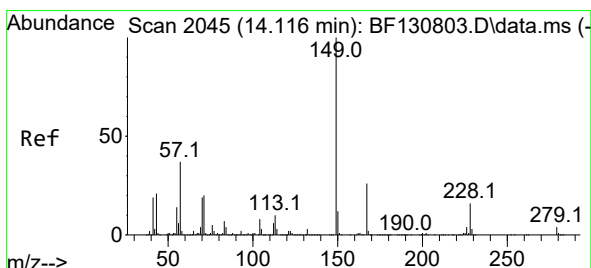
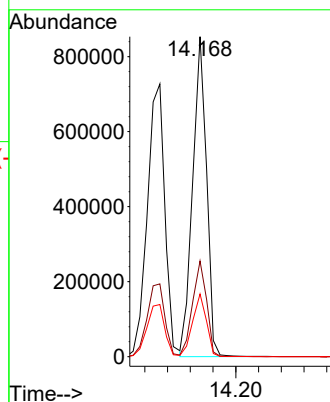
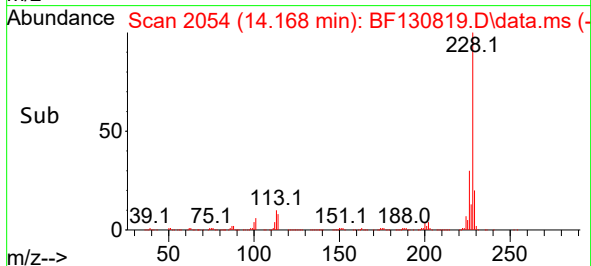
Tgt Ion:228	Resp:	724139
Ion Ratio	Lower	Upper
228	100	
226	29.9	23.9 35.9
229	19.6	15.8 23.6

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.438 ng

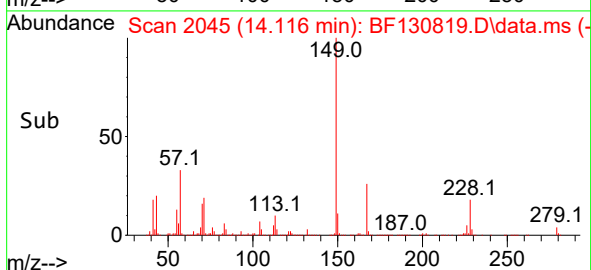
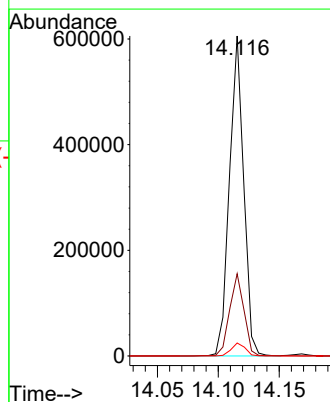
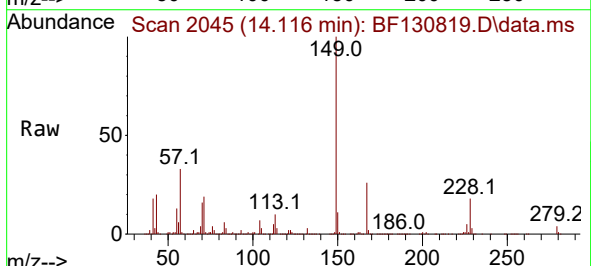
RT: 14.116 min Scan# 2045

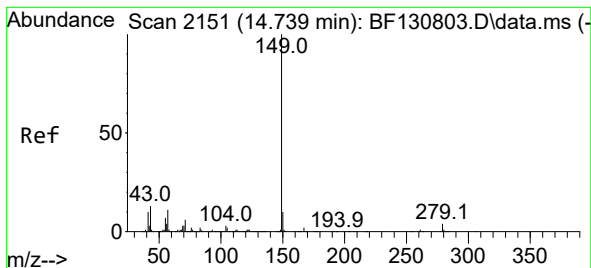
Delta R.T. -0.000 min

Lab File: BF130819.D

Acq: 28 Oct 2022 10:41

Tgt Ion:149	Resp:	494136
Ion Ratio	Lower	Upper
149	100	
167	25.7	21.0 31.4
279	4.0	3.0 4.6





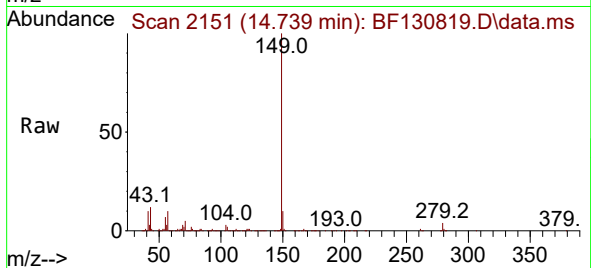
#85
Di-n-octyl phthalate
Concen: 51.198 ng
RT: 14.739 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

ClientSampleId :

PB148383BSD

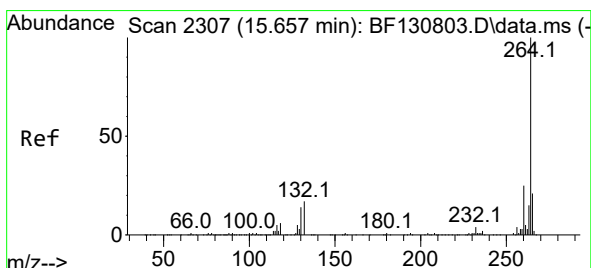
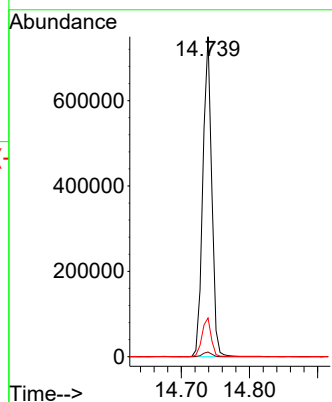
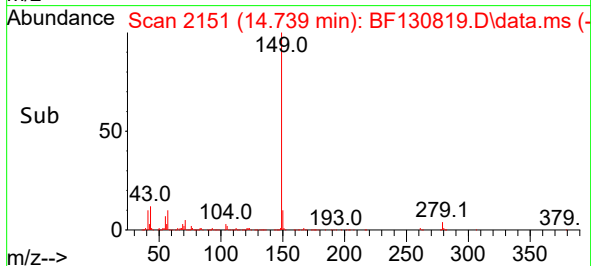


Tgt Ion:149 Resp: 678790
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.4 10.2 15.2

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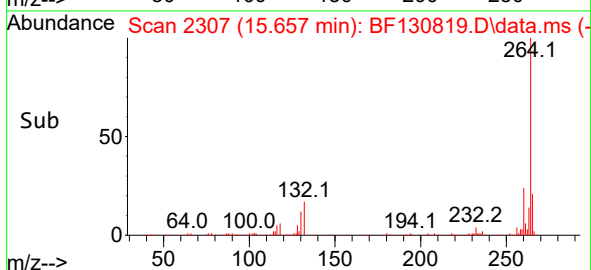
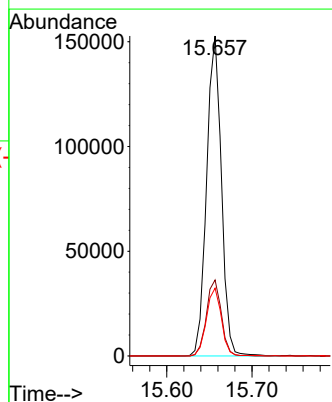
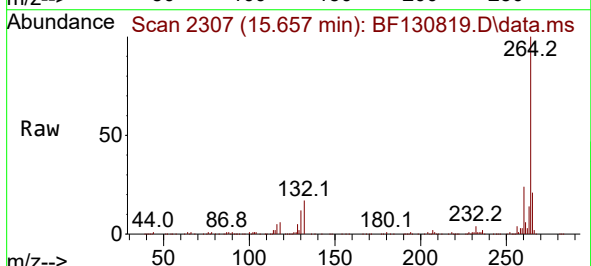
APPROVED

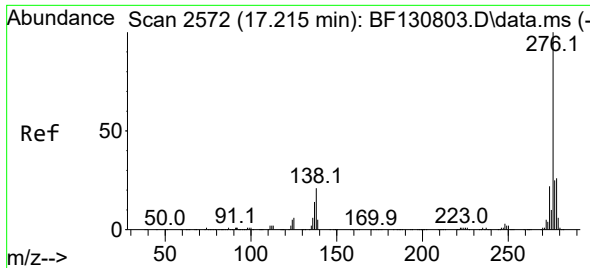
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Tgt Ion:264 Resp: 184248
Ion Ratio Lower Upper
264 100
260 23.8 19.9 29.9
265 21.2 17.0 25.6





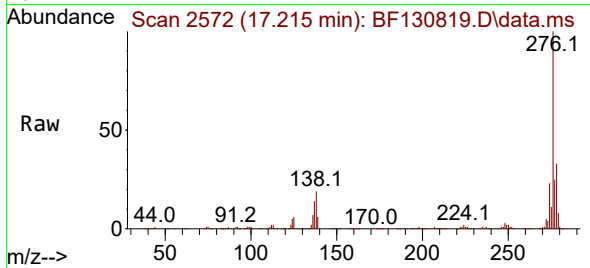
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.209 ng
RT: 17.215 min Scan# 2572
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

ClientSampleId :

PB148383BSD

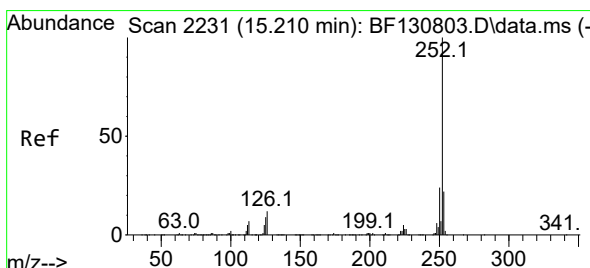
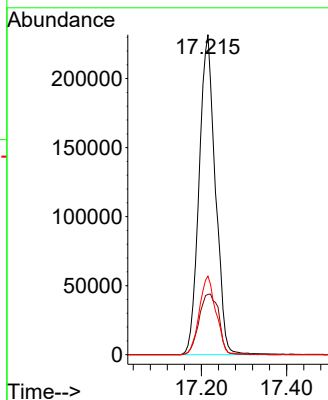
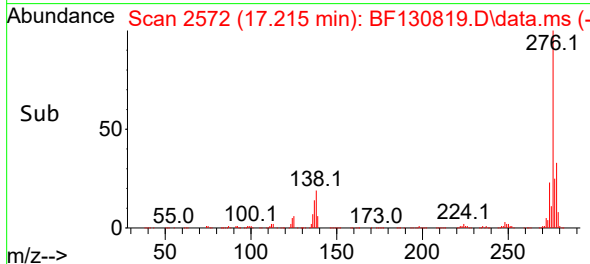


Tgt Ion:276 Resp: 614332
Ion Ratio Lower Upper
276 100
138 23.1 19.1 28.7
277 25.1 20.1 30.1

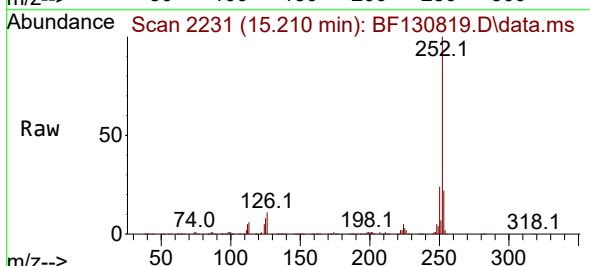
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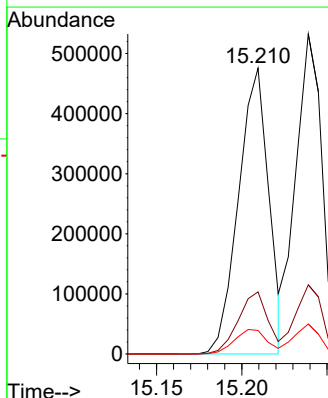
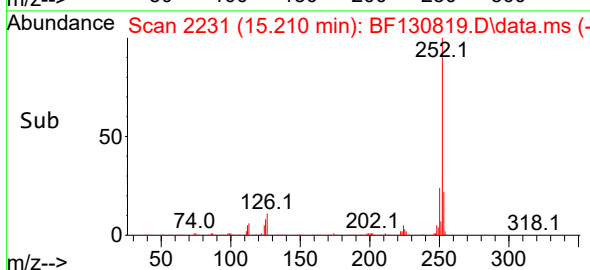
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

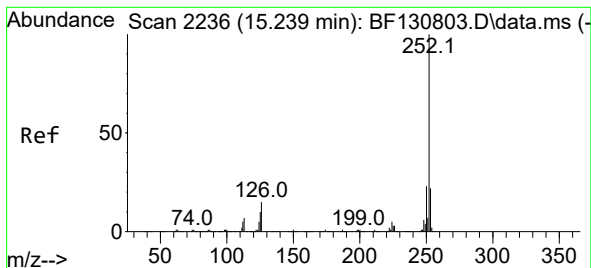


#88
Benzo(b)fluoranthene
Concen: 49.410 ng
RT: 15.210 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



Tgt Ion:252 Resp: 588489
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.3 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 49.902 ng

RT: 15.239 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF130819.D

Acq: 28 Oct 2022 10:41

Instrument :

BNA_F

ClientSampleId :

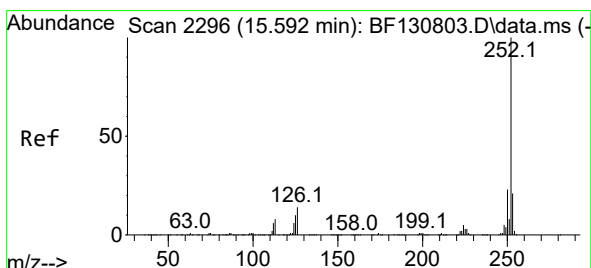
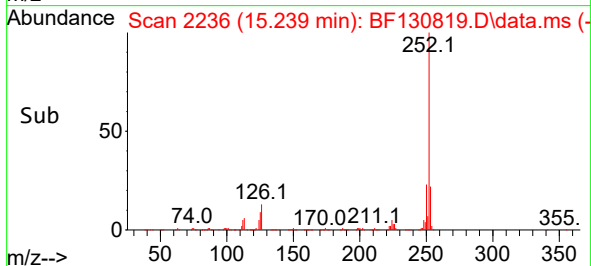
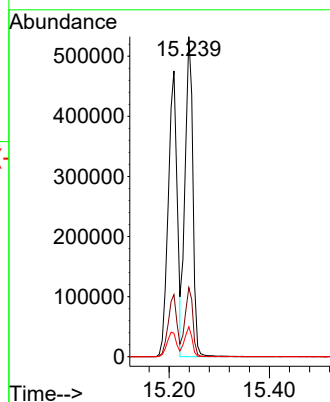
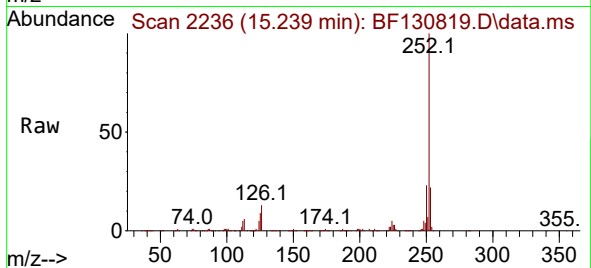
PB148383BSD

Tgt Ion:252 Resp: 57915
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 9.4 8.0 12.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#90

Benzo(a)pyrene

Concen: 51.511 ng

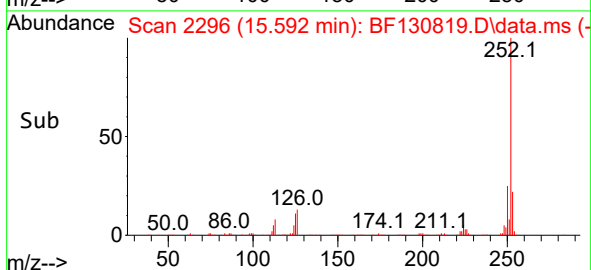
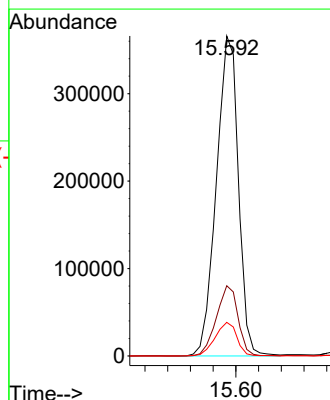
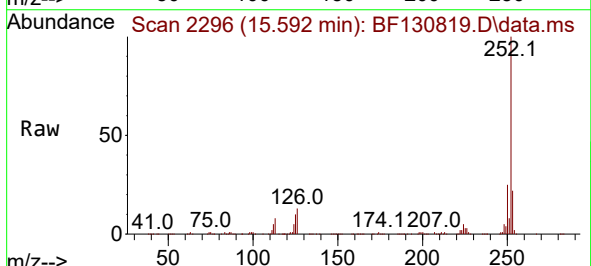
RT: 15.592 min Scan# 2296

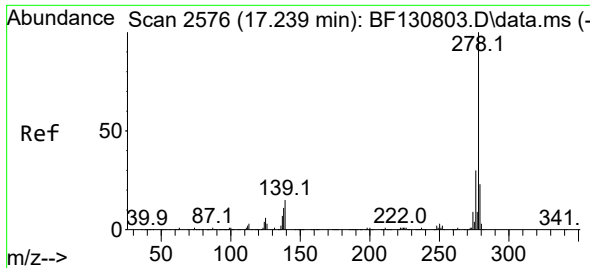
Delta R.T. -0.000 min

Lab File: BF130819.D

Acq: 28 Oct 2022 10:41

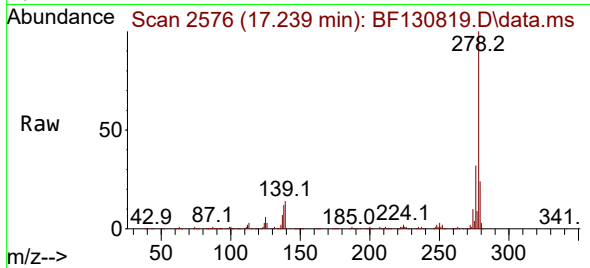
Tgt Ion:252 Resp: 493191
 Ion Ratio Lower Upper
 252 100
 253 22.0 16.8 25.2
 125 10.5 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 53.725 ng
RT: 17.239 min Scan# 2576
Delta R.T. -0.000 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41

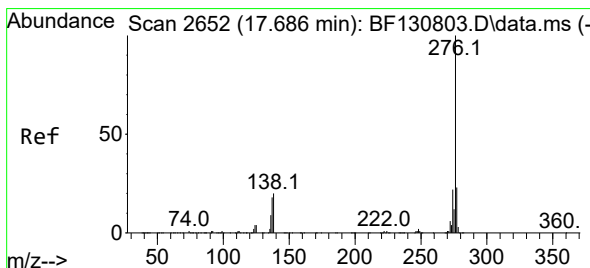
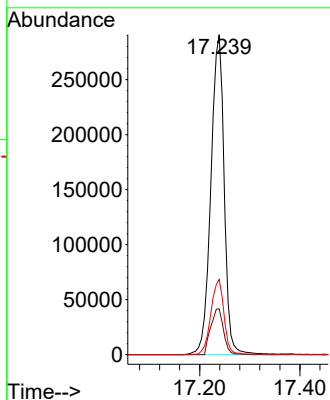
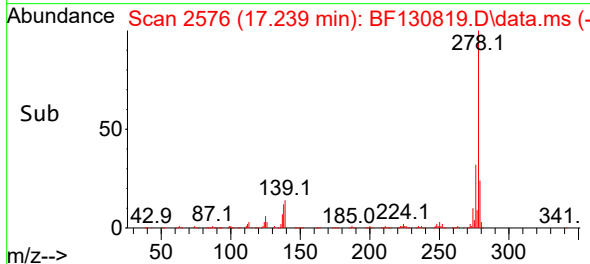
Instrument :
BNA_F
ClientSampleId :
PB148383BSD



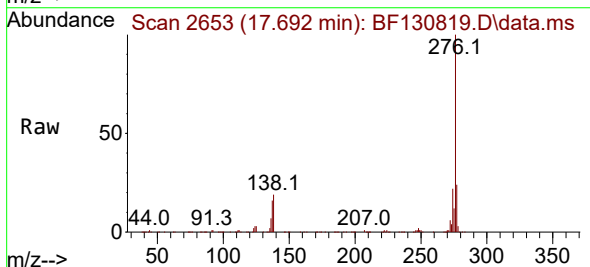
Tgt Ion:278 Resp: 53587
Ion Ratio Lower Upper
278 100
139 14.4 11.9 17.9
279 23.5 18.6 28.0

Manual Integrations
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Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#92
Benzo(g,h,i)perylene
Concen: 53.682 ng
RT: 17.692 min Scan# 2653
Delta R.T. 0.006 min
Lab File: BF130819.D
Acq: 28 Oct 2022 10:41



Tgt Ion:276 Resp: 546261
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 18.6 16.3 24.5

