

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132358.D
 Acq On : 08 Feb 2023 15:47
 Operator : CG\JU
 Sample : 01481-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-39-020723MS

Quant Time: Feb 09 01:59:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	162798	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	622637	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	302494	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	487995	20.000	ng	0.00
76) Chrysene-d12	14.260	240	263521	20.000	ng	0.00
86) Perylene-d12	15.830	264	242099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	993611	98.105	ng	0.02
7) Phenol-d6	6.666	99	1208608	96.794	ng	0.00
23) Nitrobenzene-d5	7.613	82	723851	64.693	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	336219	108.083	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1280754	65.383	ng	0.00
79) Terphenyl-d14	13.183	244	945363	69.396	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	197024	41.343	ng	94
3) Pyridine	3.766	79	466916	36.115	ng	96
4) n-Nitrosodimethylamine	3.731	42	160822	38.875	ng	92
6) Aniline	6.707	93	366795	21.648	ng	95
8) 2-Chlorophenol	6.831	128	519034	49.480	ng	95
9) Benzaldehyde	6.595	77	280546	40.257	ng	99
10) Phenol	6.684	94	573862	44.403	ng	96
11) bis(2-Chloroethyl)ether	6.778	93	484770	45.576	ng	95
12) 1,3-Dichlorobenzene	6.989	146	550482	49.618	ng	98
13) 1,4-Dichlorobenzene	7.066	146	553246	49.957	ng	99
14) 1,2-Dichlorobenzene	7.219	146	527585	51.083	ng	98
15) Benzyl Alcohol	7.184	79	397790	43.660	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.319	45	436560	38.956	ng	93
17) 2-Methylphenol	7.289	107	400206	43.585	ng	99
18) Hexachloroethane	7.566	117	203806	49.057	ng	93
19) n-Nitroso-di-n-propyla...	7.460	70	274340	38.680	ng	# 94
20) 3+4-Methylphenols	7.442	107	500348	42.693	ng	96
22) Acetophenone	7.454	105	641530	43.812	ng	98
24) Nitrobenzene	7.631	77	467406	40.890	ng	95
25) Isophorone	7.866	82	881725	41.519	ng	98
26) 2-Nitrophenol	7.948	139	277520	49.843	ng	# 91
27) 2,4-Dimethylphenol	7.978	122	448725	46.043	ng	99
28) bis(2-Chloroethoxy)met...	8.078	93	562603	43.109	ng	98
29) 2,4-Dichlorophenol	8.189	162	408855	47.253	ng	96
30) 1,2,4-Trichlorobenzene	8.272	180	452679	48.856	ng	97
31) Naphthalene	8.360	128	1387461	45.271	ng	99
32) Benzoic acid	8.084	122	267841	37.129	ng	93
33) 4-Chloroaniline	8.401	127	101821	7.492	ng	95
34) Hexachlorobutadiene	8.472	225	268155	51.480	ng	99
35) Caprolactam	8.783	113	114490	38.813	ng	84
36) 4-Chloro-3-methylphenol	8.878	107	421614	45.230	ng	98
37) 2-Methylnaphthalene	9.048	142	923715	44.495	ng	99
38) 1-Methylnaphthalene	9.154	142	853577	44.244	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	426922	50.152	ng	99
41) Hexachlorocyclopentadiene	9.201	237	349494	70.371	ng	99
43) 2,4,6-Trichlorophenol	9.325	196	295598	48.578	ng	99

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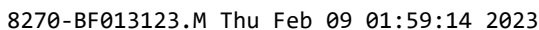
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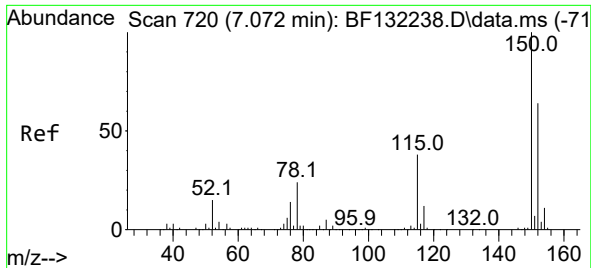
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	312571	44.629	ng	99
46) 1,1'-Biphenyl	9.513	154	1089805	46.731	ng	97
47) 2-Chloronaphthalene	9.542	162	853753	48.066	ng	99
48) 2-Nitroaniline	9.636	65	208073	39.389	ng	# 78
49) Acenaphthylene	9.960	152	1291498	44.552	ng	99
50) Dimethylphthalate	9.813	163	994265	46.989	ng	99
51) 2,6-Dinitrotoluene	9.877	165	224065	47.414	ng	# 83
52) Acenaphthene	10.136	154	872881	48.096	ng	99
53) 3-Nitroaniline	10.048	138	165520	28.882	ng	92
54) 2,4-Dinitrophenol	10.148	184	133905	50.565	ng	99
55) Dibenzofuran	10.307	168	1172505	45.981	ng	100
56) 4-Nitrophenol	10.201	139	333329	77.293	ng	92
57) 2,4-Dinitrotoluene	10.283	165	288104	46.932	ng	88
58) Fluorene	10.654	166	903145	46.021	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.419	232	233761	45.783	ng	98
60) Diethylphthalate	10.513	149	985809	46.832	ng	99
61) 4-Chlorophenyl-phenyle...	10.636	204	429001	46.062	ng	95
62) 4-Nitroaniline	10.666	138	194810	35.448	ng	96
63) Azobenzene	10.801	77	821623	40.072	ng	93
65) 4,6-Dinitro-2-methylph...	10.689	198	93048	33.596	ng	95
66) n-Nitrosodiphenylamine	10.760	169	763137	49.941	ng	99
67) 4-Bromophenyl-phenylether	11.130	248	264700	52.971	ng	95
68) Hexachlorobenzene	11.201	284	288853	54.082	ng	94
69) Atrazine	11.283	200	244603	55.651	ng	99
70) Pentachlorophenol	11.395	266	287777	78.418	ng	99
71) Phenanthrene	11.624	178	1848256	72.479	ng	99
72) Anthracene	11.672	178	1385739	53.397	ng	100
73) Carbazole	11.824	167	1010991	43.447	ng	100
74) Di-n-butylphthalate	12.148	149	1341994	48.782	ng	99
75) Fluoranthene	12.824	202	2244486	86.251	ng	96
77) Benzidine	12.936	184	340057	36.911	ng	98
78) Pyrene	13.054	202	2139008	100.919	ng	98
80) Butylbenzylphthalate	13.660	149	471410	50.341	ng	94
81) Benzo(a)anthracene	14.248	228	1542568	83.694	ng	97
82) 3,3'-Dichlorobenzidine	14.201	252	177300	30.203	ng	99
83) Chrysene	14.289	228	1305844	75.664	ng	99
84) Bis(2-ethylhexyl)phtha...	14.213	149	651337	51.459	ng	99
85) Di-n-octyl phthalate	14.848	149	1063116	51.495	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.465	276	907547	56.416	ng	95
88) Benzo(b)fluoranthene	15.365	252	1407375	91.454	ng	98
89) Benzo(k)fluoranthene	15.395	252	985675	67.102	ng	98
90) Benzo(a)pyrene	15.765	252	1095334	76.436	ng	99
91) Dibenzo(a,h)anthracene	17.483	278	589231	45.559	ng	98
92) Benzo(g,h,i)perylene	17.965	276	756916	56.649	ng	97

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

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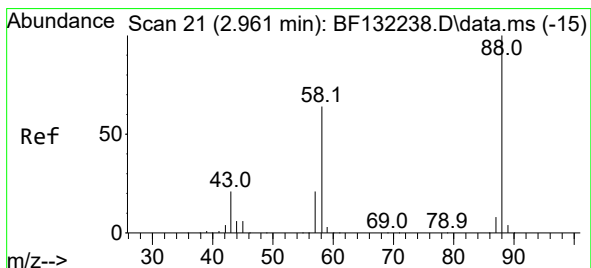
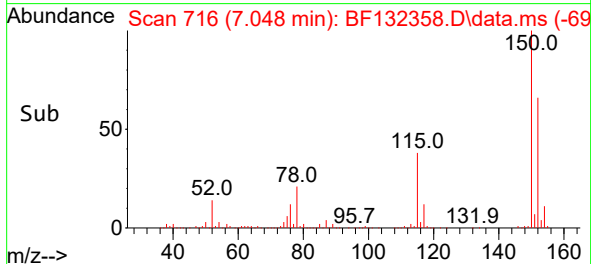
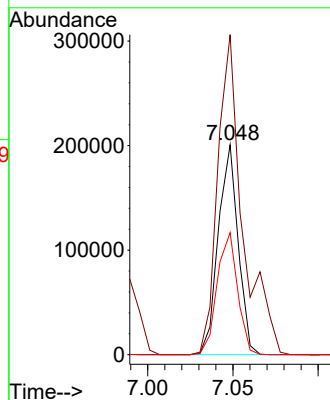
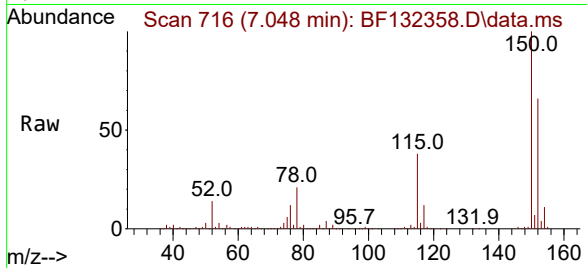




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132358.D
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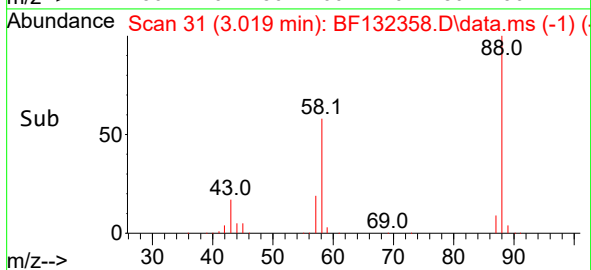
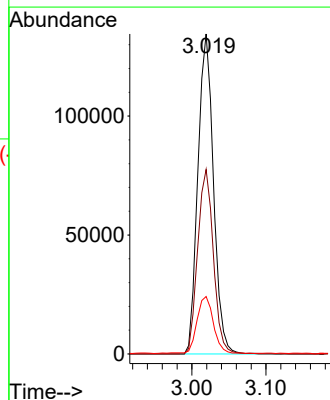
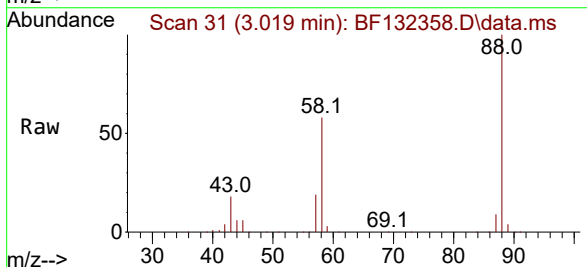
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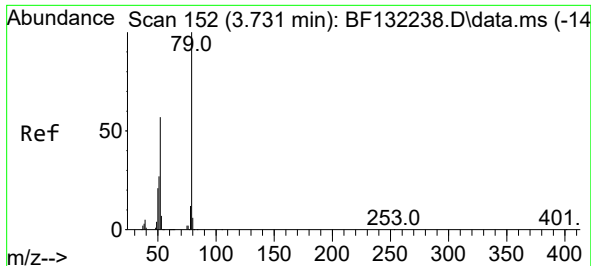
Tgt Ion:152 Resp: 162798
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.2 186.2
 115 58.2 47.3 70.9



#2
 1,4-Dioxane
 Concen: 41.343 ng
 RT: 3.019 min Scan# 31
 Delta R.T. 0.088 min
 Lab File: BF132358.D
 Acq: 08 Feb 2023 15:47

Tgt Ion: 88 Resp: 197024
 Ion Ratio Lower Upper
 88 100
 58 58.0 50.2 75.2
 43 18.8 16.9 25.3

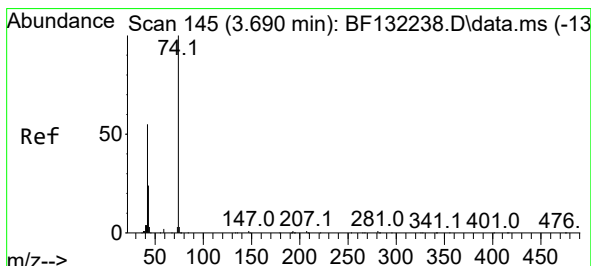
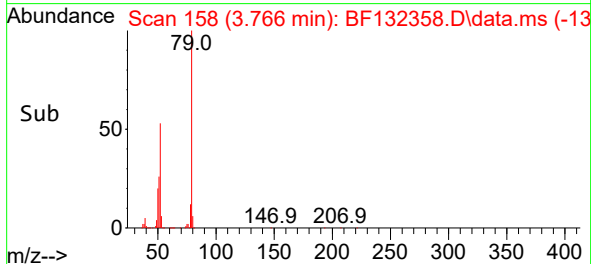
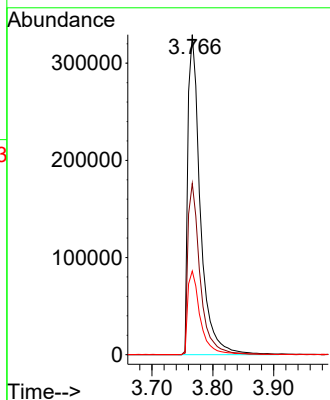
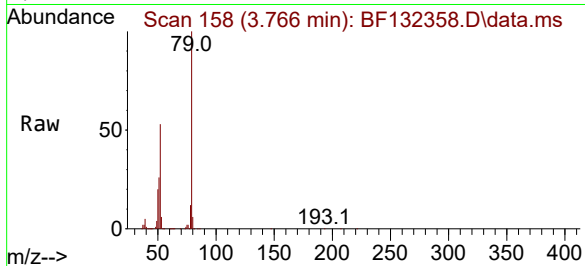




#3
 Pyridine
 Concen: 36.115 ng
 RT: 3.766 min Scan# 11
 Delta R.T. 0.065 min
 Lab File: BF132358.D
 Acq: 08 Feb 2023 15:47

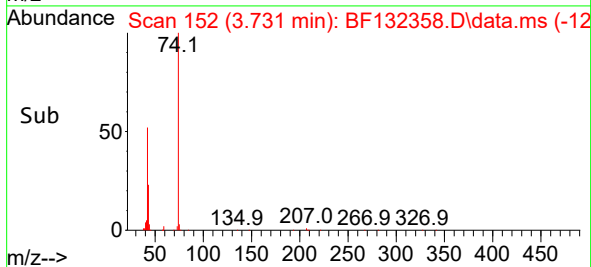
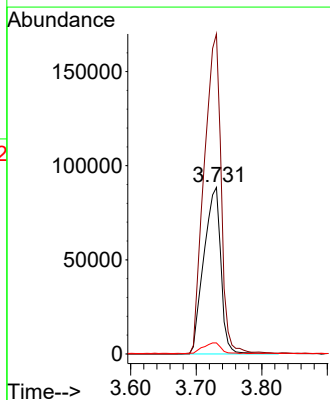
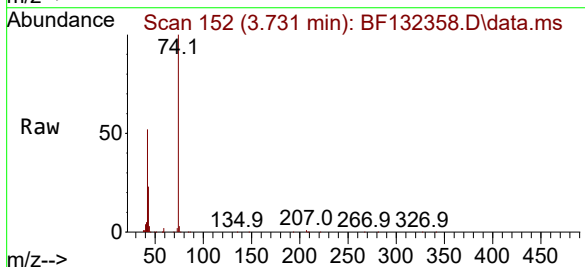
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 JPP-39-020723MS

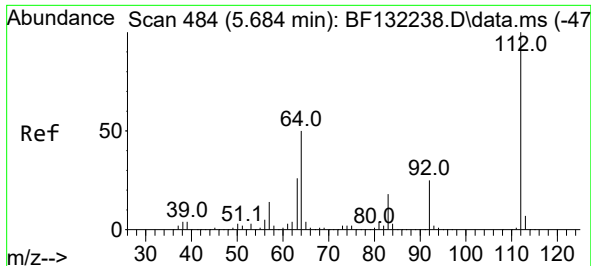
Tgt Ion: 79 Resp: 466916
 Ion Ratio Lower Upper
 79 100
 52 53.5 45.6 68.4
 51 26.1 21.5 32.3



#4
 n-Nitrosodimethylamine
 Concen: 38.875 ng
 RT: 3.731 min Scan# 152
 Delta R.T. 0.065 min
 Lab File: BF132358.D
 Acq: 08 Feb 2023 15:47

Tgt Ion: 42 Resp: 160822
 Ion Ratio Lower Upper
 42 100
 74 192.1 144.6 217.0
 44 6.6 5.1 7.7

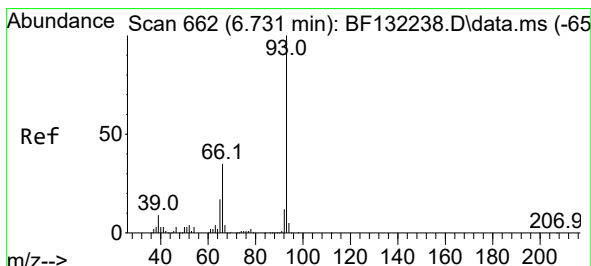
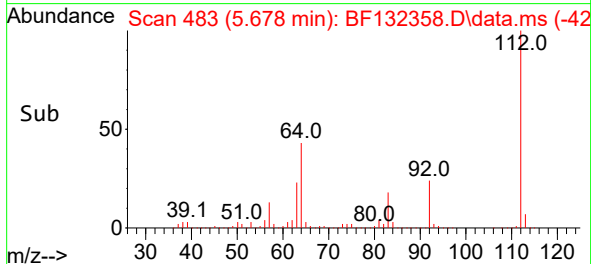
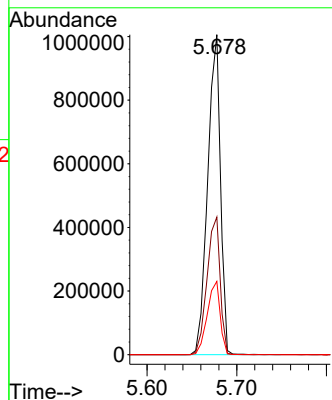
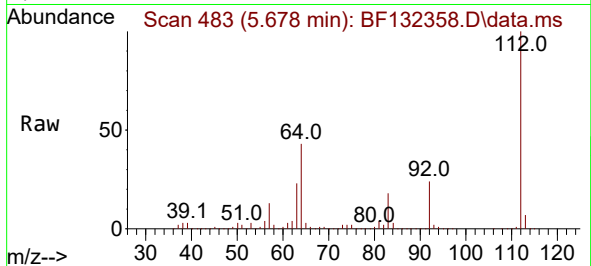




#5
2-Fluorophenol
Concen: 98.105 ng
RT: 5.678 min Scan# 41
Delta R.T. 0.018 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

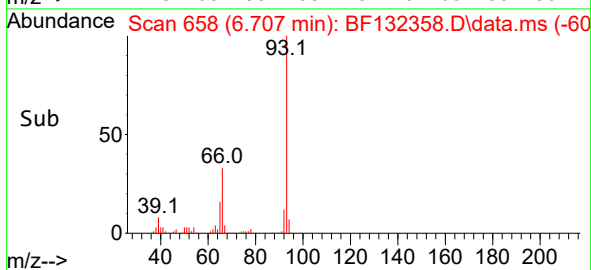
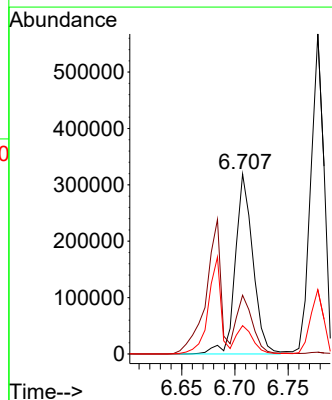
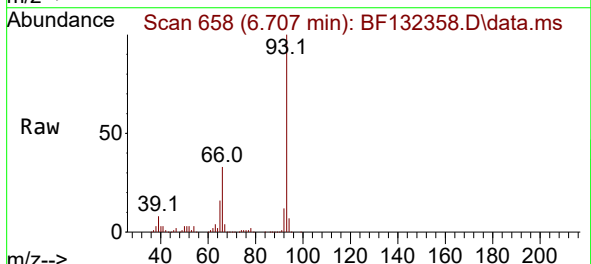
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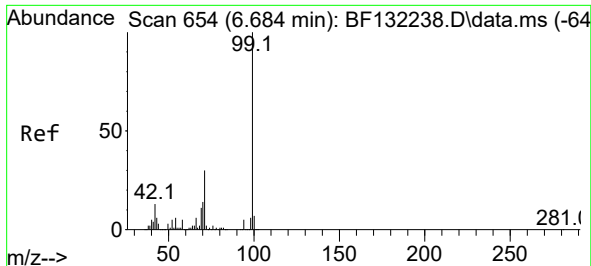
Tgt Ion:112 Resp: 993611
Ion Ratio Lower Upper
112 100
64 43.0 40.0 60.0
63 22.9 20.5 30.7



#6
Aniline
Concen: 21.648 ng
RT: 6.707 min Scan# 658
Delta R.T. -0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion: 93 Resp: 366795
Ion Ratio Lower Upper
93 100
66 32.6 28.8 43.2
65 15.8 14.2 21.4





#7

Phenol-d6

Concen: 96.794 ng

RT: 6.666 min Scan# 61

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

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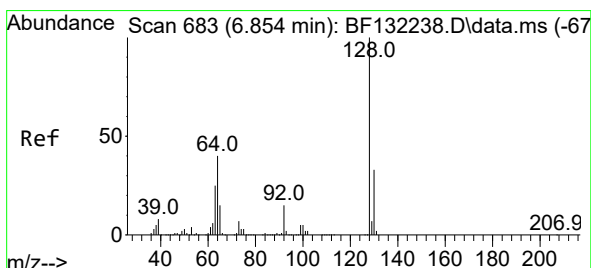
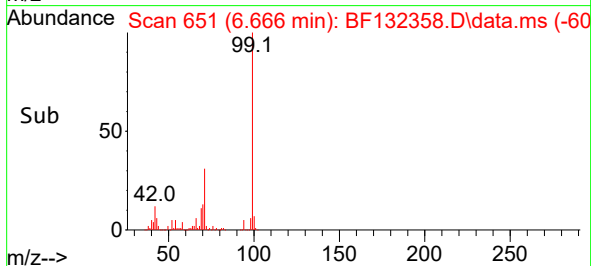
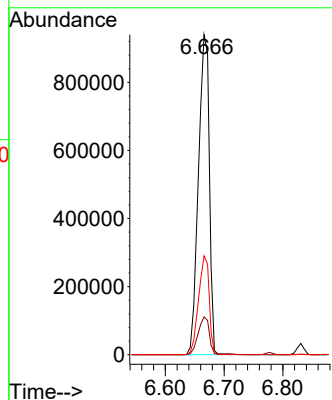
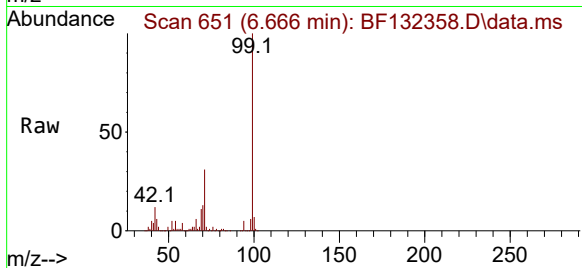
Tgt Ion: 99 Resp: 1208608

Ion Ratio Lower Upper

99 100

42 11.8 10.1 15.1

71 30.9 24.2 36.4



#8

2-Chlorophenol

Concen: 49.480 ng

RT: 6.831 min Scan# 679

Delta R.T. -0.000 min

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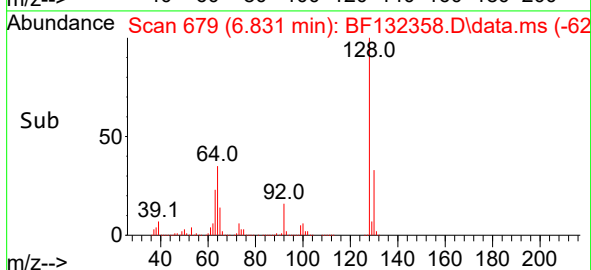
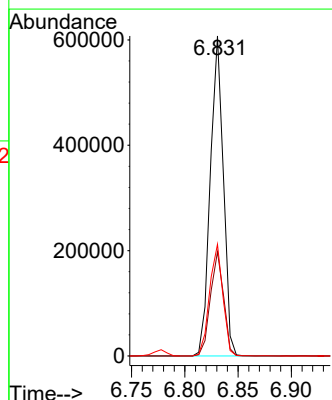
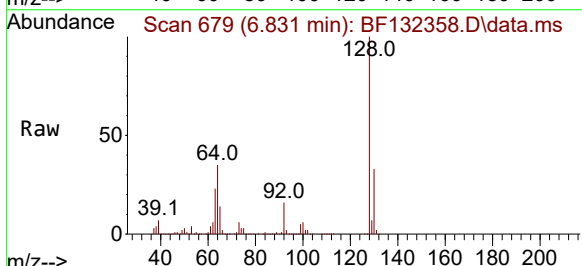
Tgt Ion:128 Resp: 519034

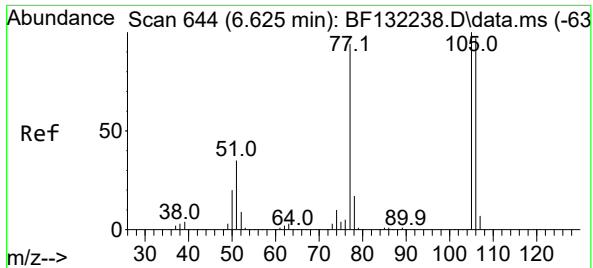
Ion Ratio Lower Upper

128 100

130 32.6 13.3 53.3

64 34.9 20.1 60.1

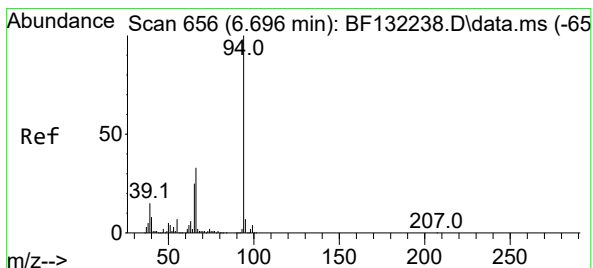
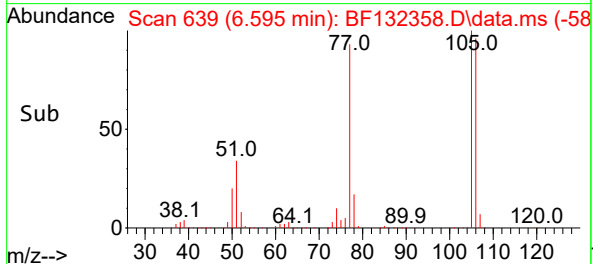
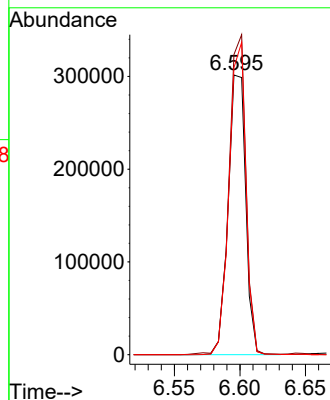
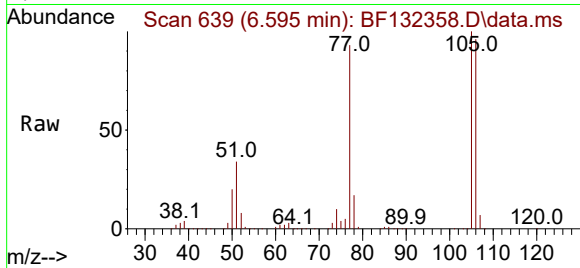




#9
Benzaldehyde
Concen: 40.257 ng
RT: 6.595 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

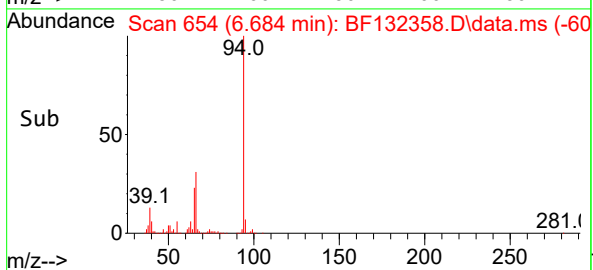
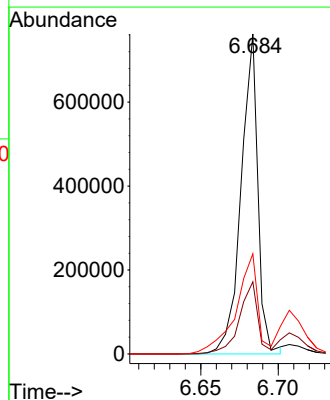
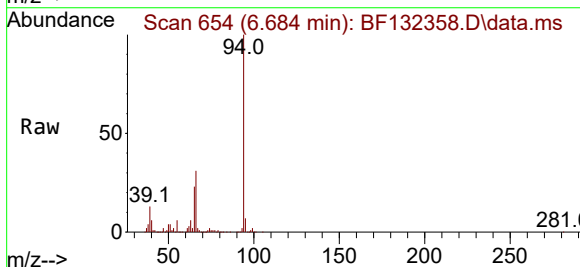
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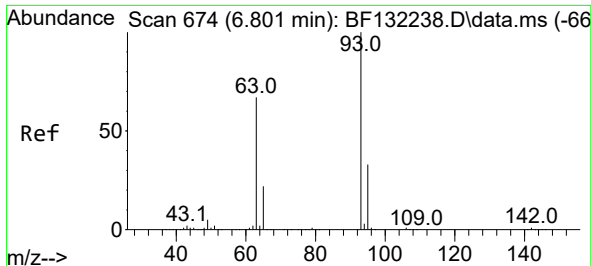
Tgt Ion: 77 Resp: 280546
Ion Ratio Lower Upper
77 100
105 107.3 86.8 126.8
106 102.6 83.8 123.8



#10
Phenol
Concen: 44.403 ng
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion: 94 Resp: 573862
Ion Ratio Lower Upper
94 100
65 22.6 5.1 45.1
66 31.3 13.0 53.0





#11

bis(2-Chloroethyl)ether

Concen: 45.576 ng

RT: 6.778 min Scan# 61

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

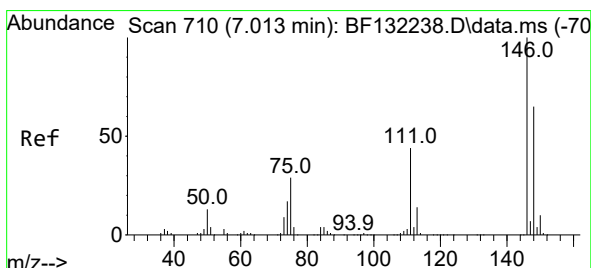
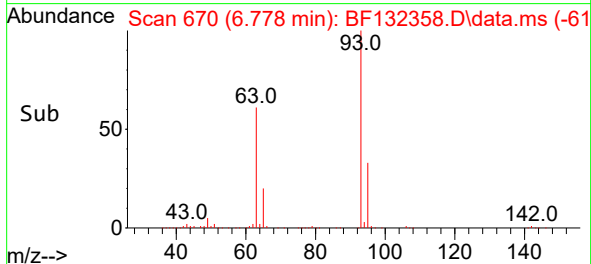
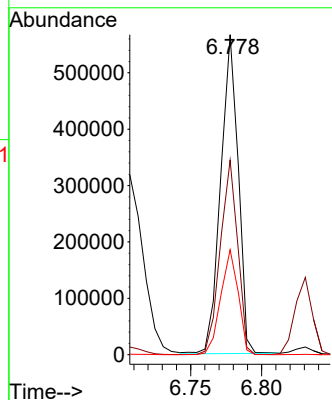
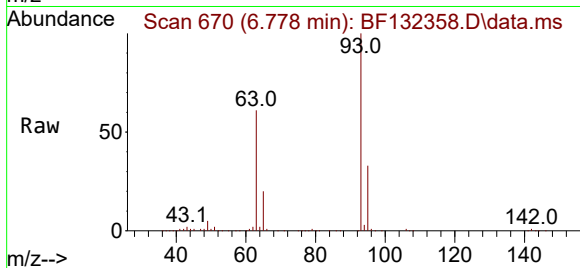
Tgt Ion: 93 Resp: 484770

Ion Ratio Lower Upper

93 100

63 60.8 46.7 86.7

95 32.8 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 49.618 ng

RT: 6.989 min Scan# 706

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

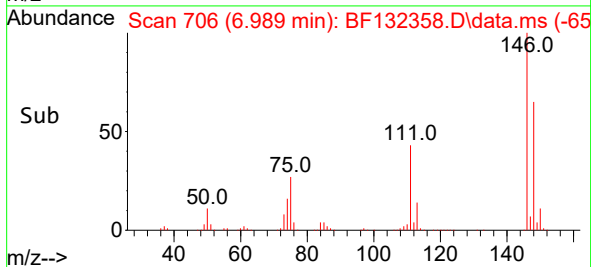
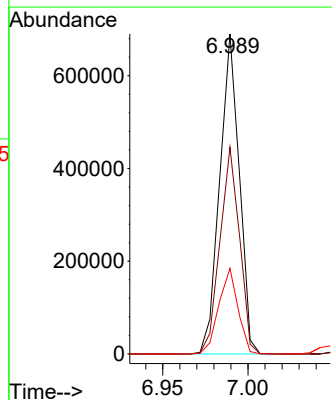
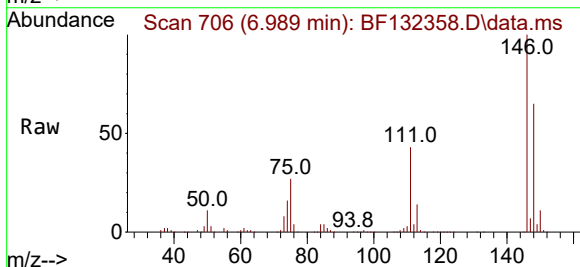
Tgt Ion:146 Resp: 550482

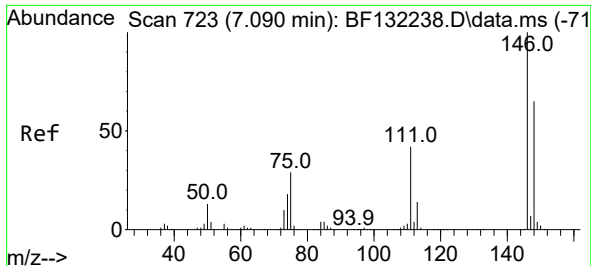
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

75 26.8 23.5 35.3

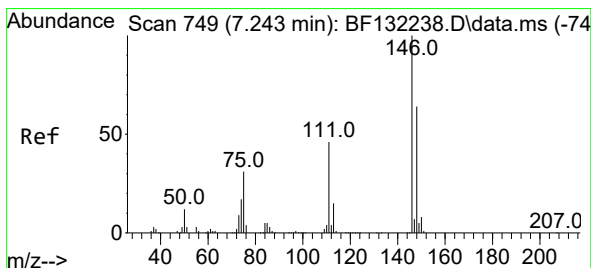
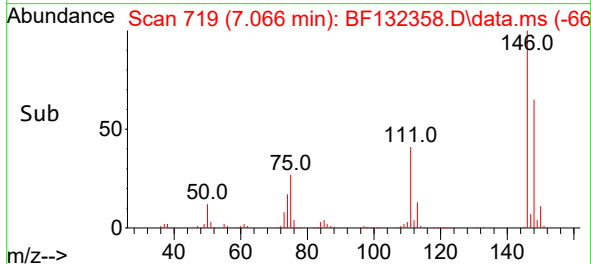
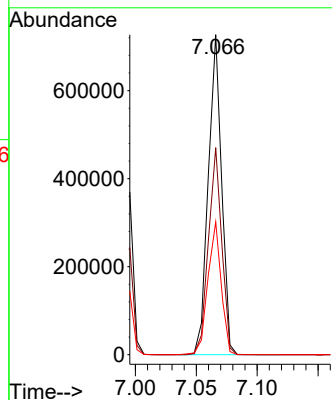
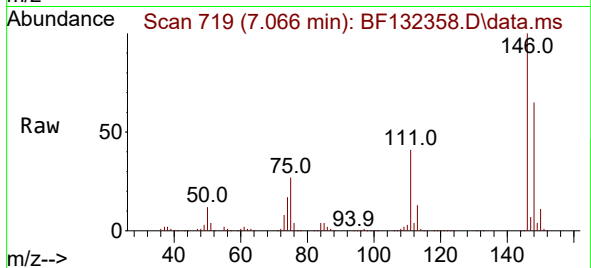




#13
1,4-Dichlorobenzene
Concen: 49.957 ng
RT: 7.066 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

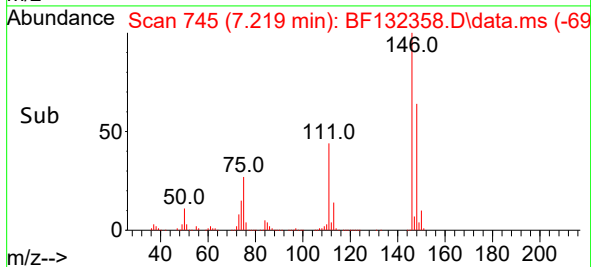
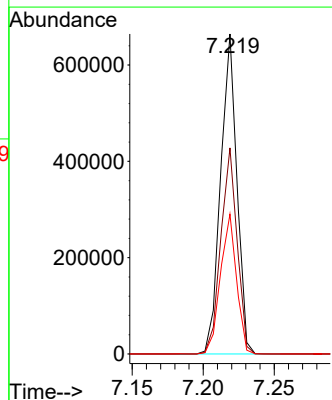
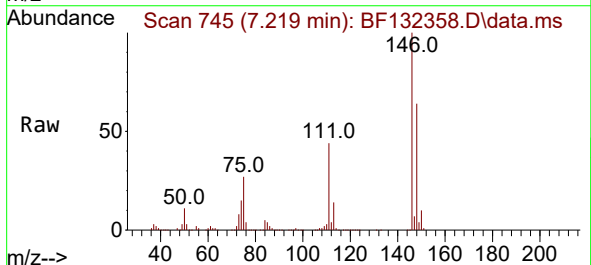
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

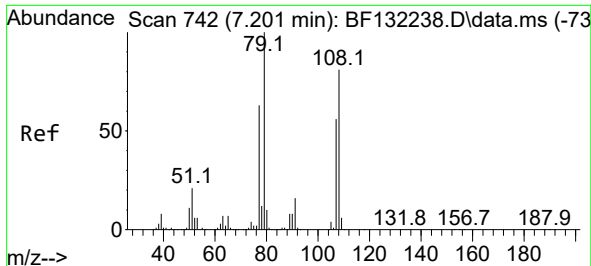
Tgt Ion:146 Resp: 553246
Ion Ratio Lower Upper
146 100
148 64.7 52.4 78.6
111 41.5 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 51.083 ng
RT: 7.219 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:146 Resp: 527585
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 43.7 37.1 55.7





#15

Benzyl Alcohol

Concen: 43.660 ng

RT: 7.184 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

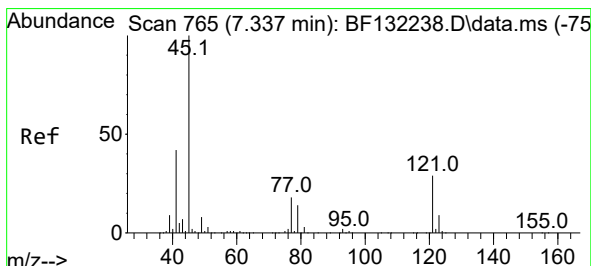
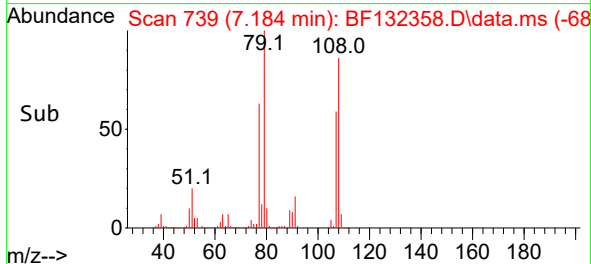
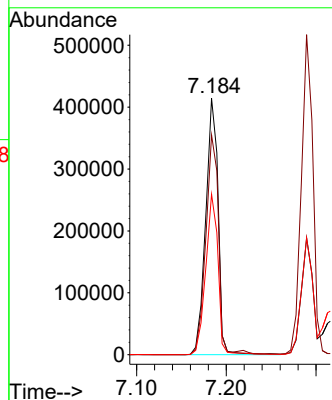
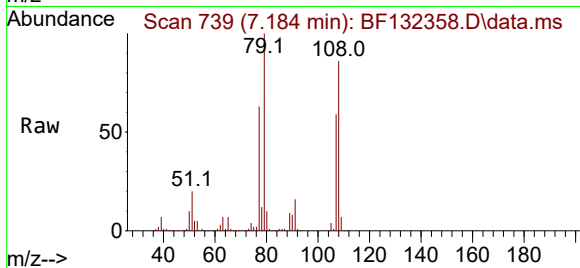
Tgt Ion: 79 Resp: 397790

Ion Ratio Lower Upper

79 100

108 85.7 64.6 97.0

77 62.6 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.956 ng

RT: 7.319 min Scan# 762

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

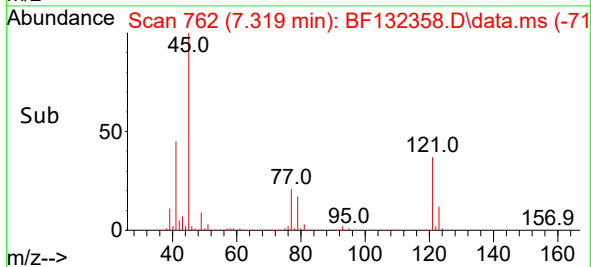
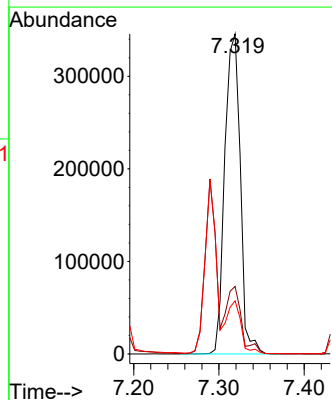
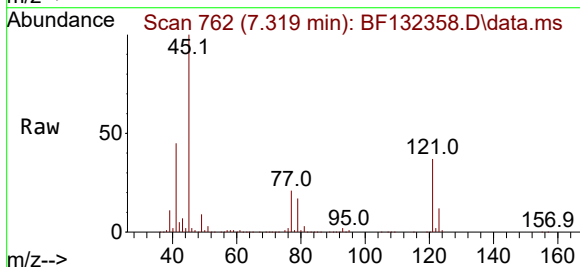
Tgt Ion: 45 Resp: 436560

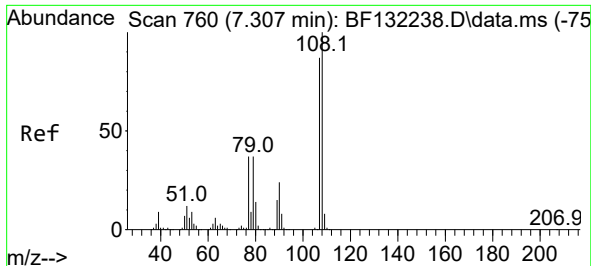
Ion Ratio Lower Upper

45 100

77 21.1 0.0 38.0

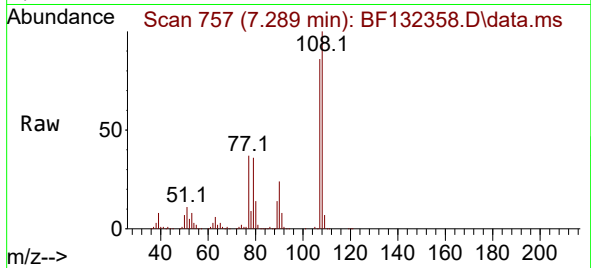
79 16.6 0.0 33.8



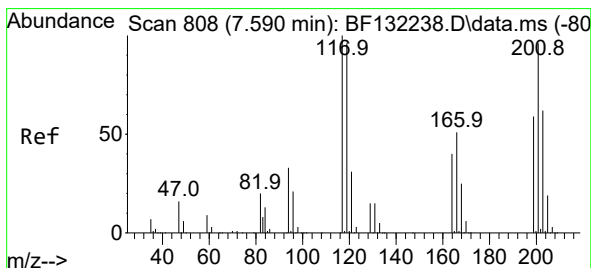
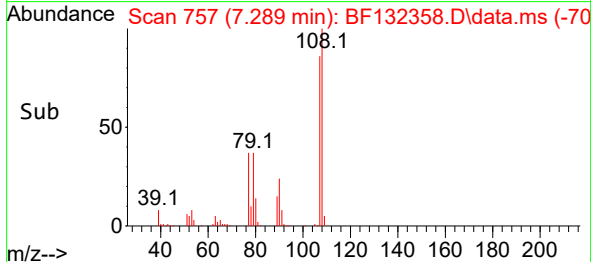
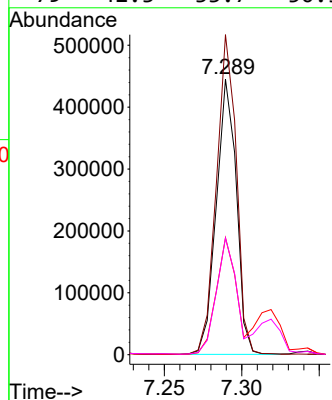


#17
2-Methylphenol
Concen: 43.585 ng
RT: 7.289 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

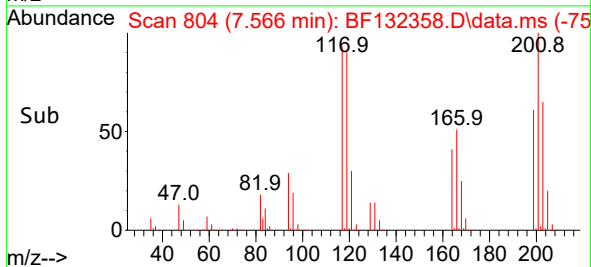
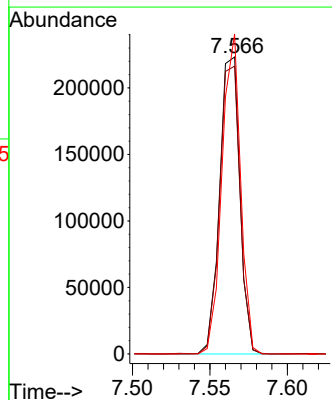
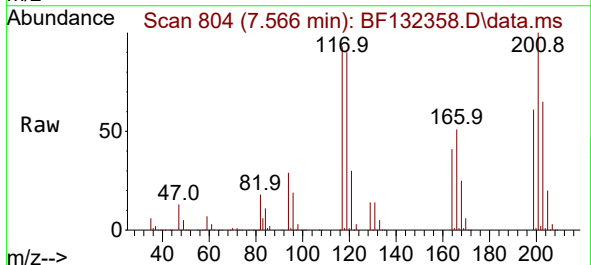


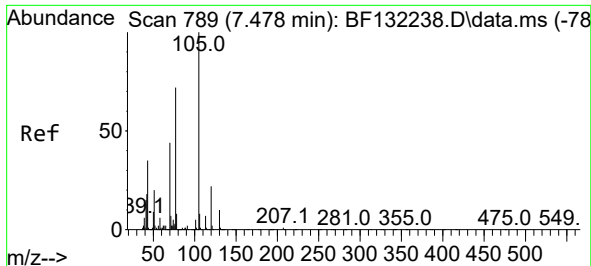
Tgt Ion:	107	Resp:	400206
Ion	Ratio	Lower	Upper
107	100		
108	116.2	91.8	137.6
77	42.5	34.2	51.2
79	42.3	33.7	50.5



#18
Hexachloroethane
Concen: 49.057 ng
RT: 7.566 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:	117	Resp:	203806
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.7	115.1
201	107.7	76.6	114.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.680 ng

RT: 7.460 min Scan# 786

Delta R.T. -0.000 min

Lab File: BF132358.D

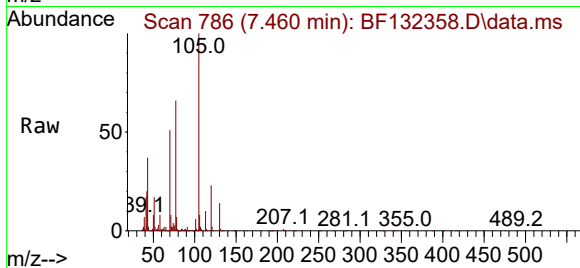
Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS



Tgt Ion: 70 Resp: 274340

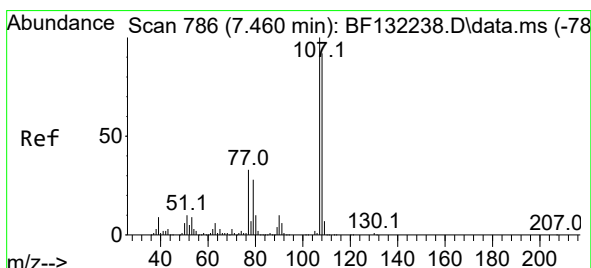
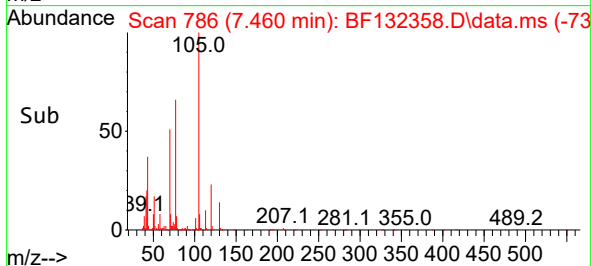
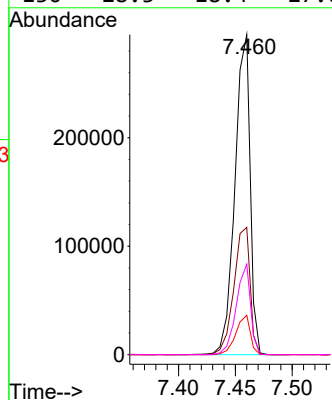
Ion Ratio Lower Upper

70 100

42 39.8 33.4 50.0

101 12.3 8.2 12.4

130 28.3 18.4 27.6#



#20

3+4-Methylphenols

Concen: 42.693 ng

RT: 7.442 min Scan# 783

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Tgt Ion:107 Resp: 500348

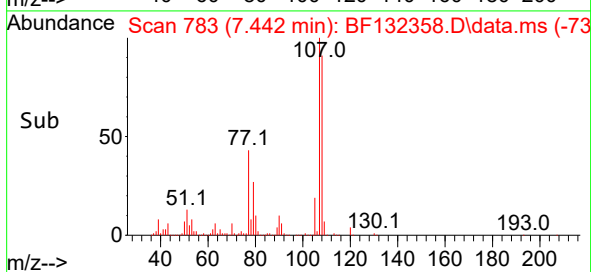
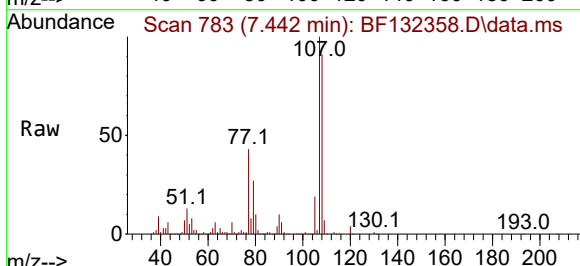
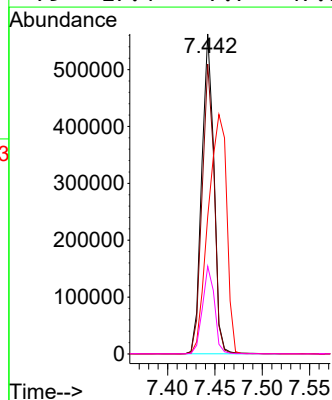
Ion Ratio Lower Upper

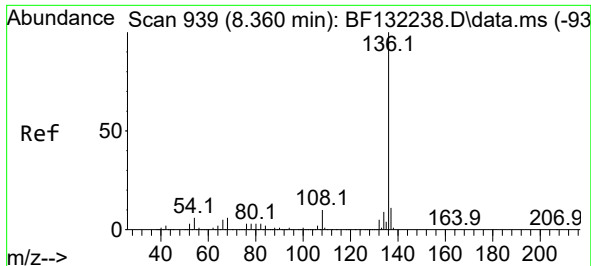
107 100

108 90.6 71.6 111.6

77 43.0 13.4 53.4

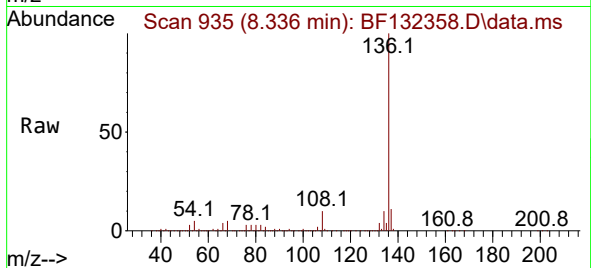
79 27.4 7.7 47.7



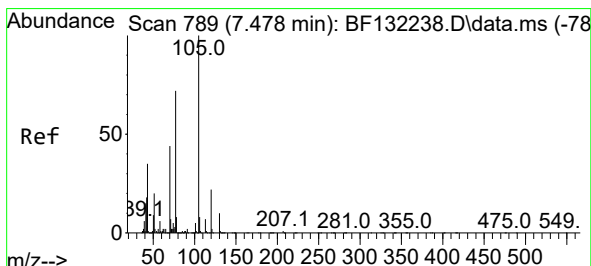
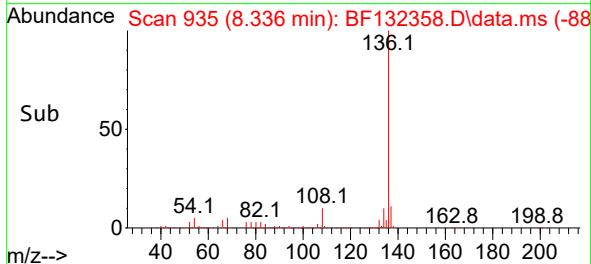
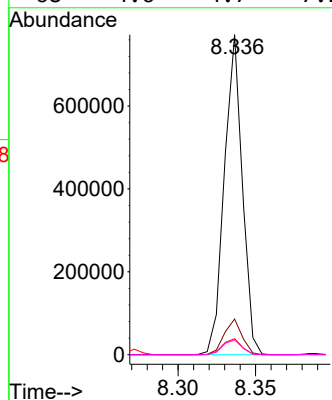


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

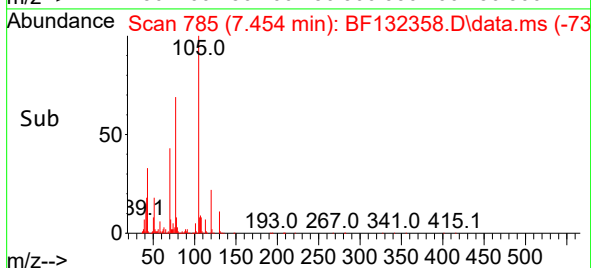
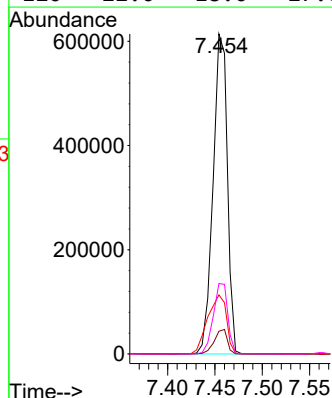
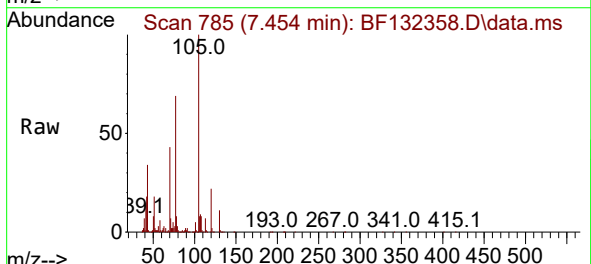


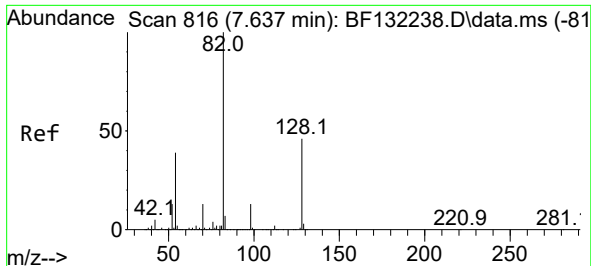
Tgt Ion:136 Resp: 622637
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.0 4.9 7.3
68 4.6 4.7 7.1#



#22
Acetophenone
Concen: 43.812 ng
RT: 7.454 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:105 Resp: 641530
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.6
51 18.5 16.2 24.2
120 22.0 18.0 27.0





#23

Nitrobenzene-d5

Concen: 64.693 ng

RT: 7.613 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF132358.D

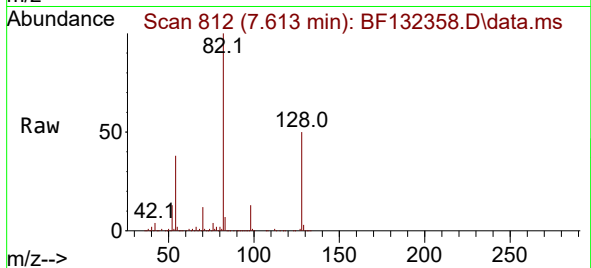
Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS



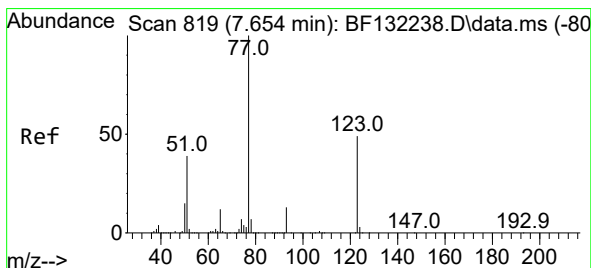
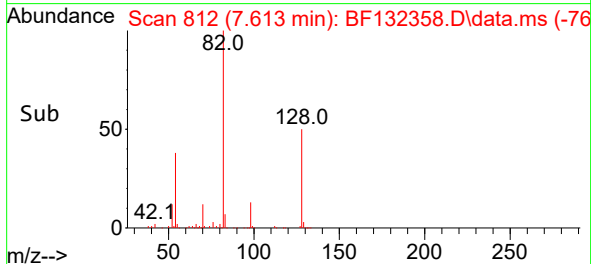
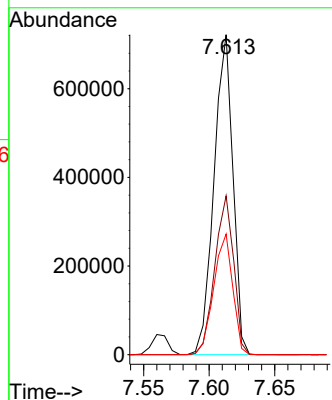
Tgt Ion: 82 Resp: 723851

Ion Ratio Lower Upper

82 100

128 49.7 37.0 55.4

54 37.7 31.5 47.3



#24

Nitrobenzene

Concen: 40.890 ng

RT: 7.631 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

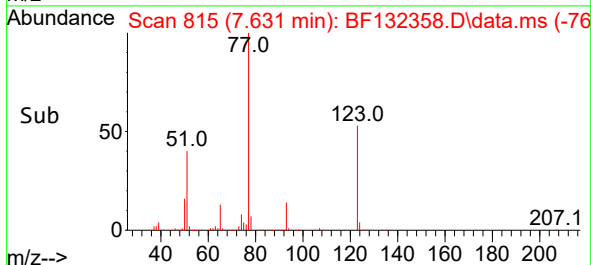
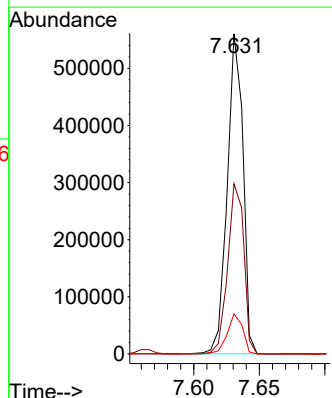
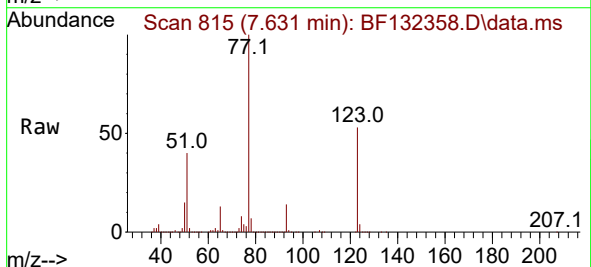
Tgt Ion: 77 Resp: 467406

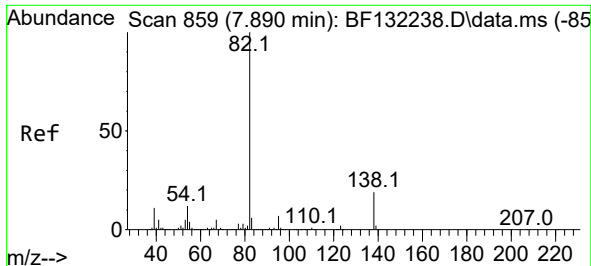
Ion Ratio Lower Upper

77 100

123 53.2 39.5 59.3

65 12.5 9.8 14.8

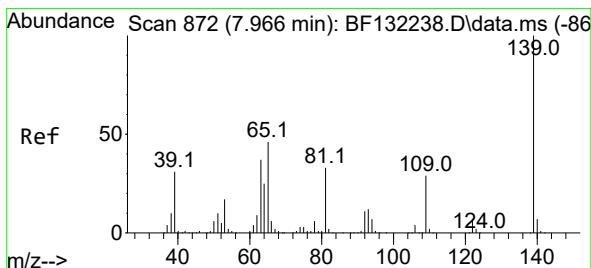
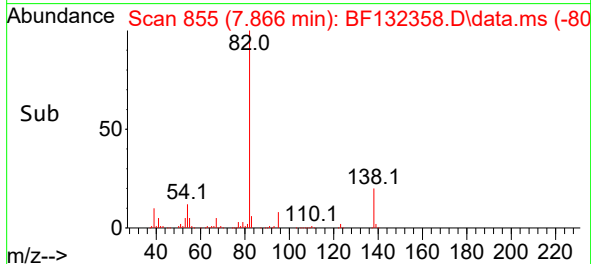
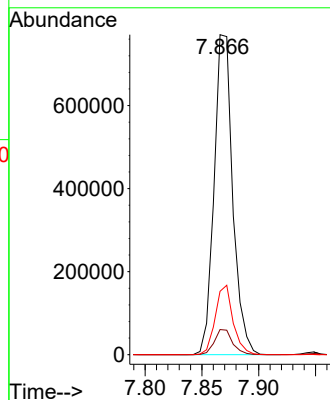
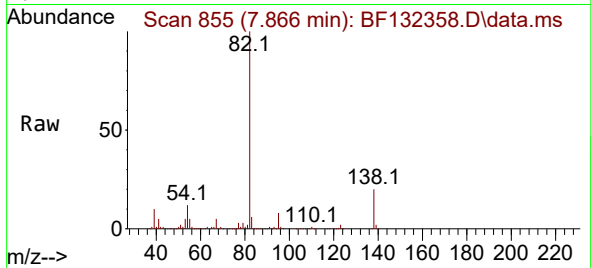




#25
Isophorone
Concen: 41.519 ng
RT: 7.866 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

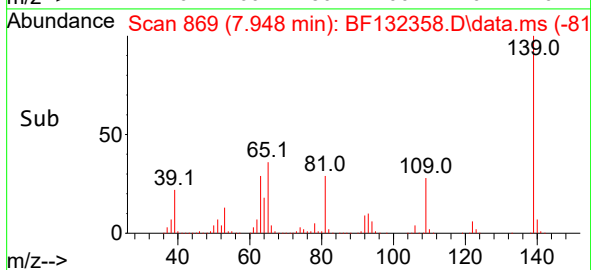
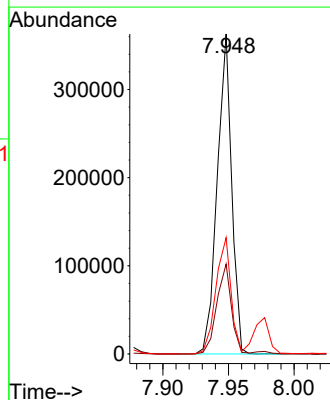
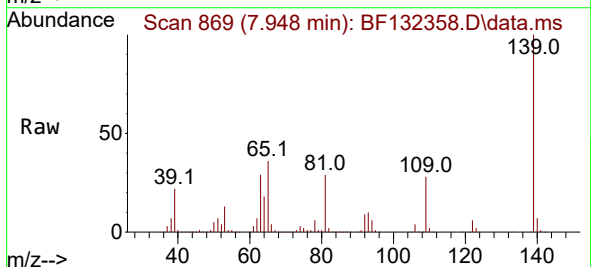
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

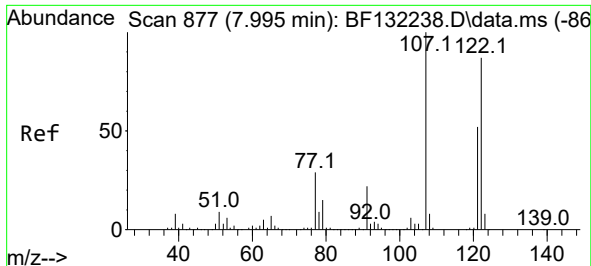
Tgt Ion: 82 Resp: 881725
Ion Ratio Lower Upper
82 100
95 7.8 5.6 8.4
138 19.8 15.0 22.6



#26
2-Nitrophenol
Concen: 49.843 ng
RT: 7.948 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:139 Resp: 277520
Ion Ratio Lower Upper
139 100
109 28.1 23.0 34.6
65 36.4 36.6 55.0#





#27

2,4-Dimethylphenol

Concen: 46.043 ng

RT: 7.978 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

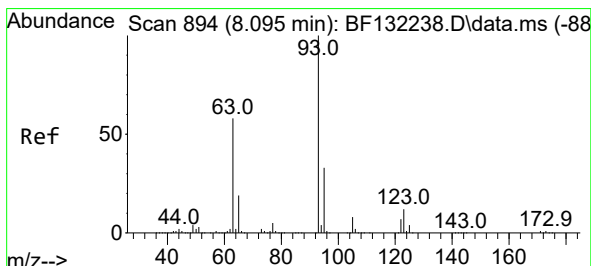
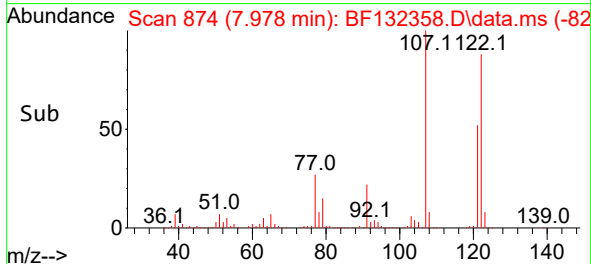
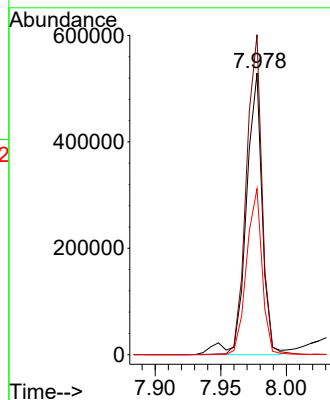
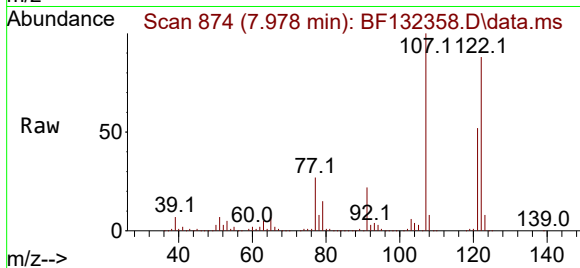
Tgt Ion:122 Resp: 448725

Ion Ratio Lower Upper

122 100

107 113.6 91.9 137.9

121 59.0 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.109 ng

RT: 8.078 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

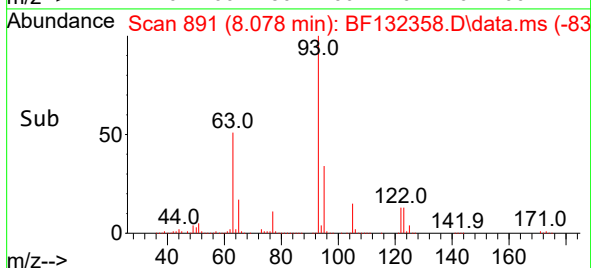
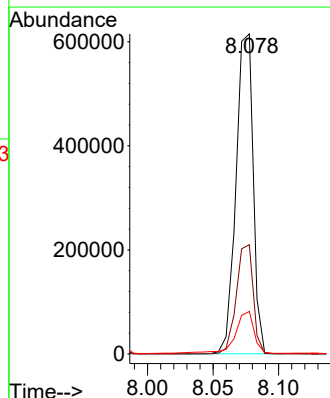
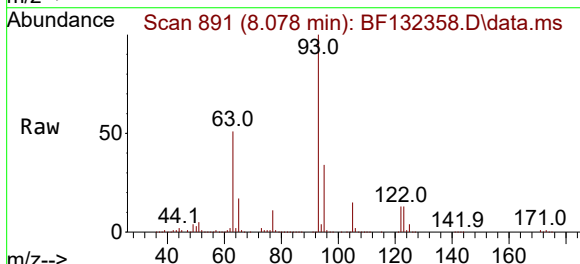
Tgt Ion: 93 Resp: 562603

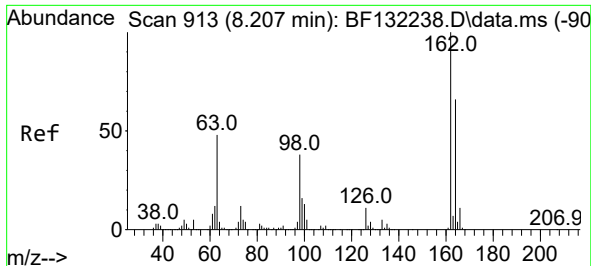
Ion Ratio Lower Upper

93 100

95 34.2 26.6 40.0

123 13.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 47.253 ng

RT: 8.189 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

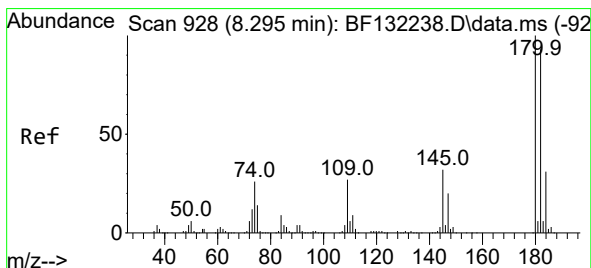
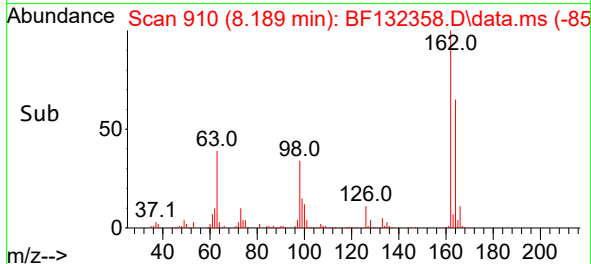
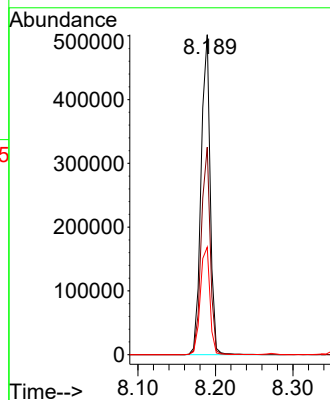
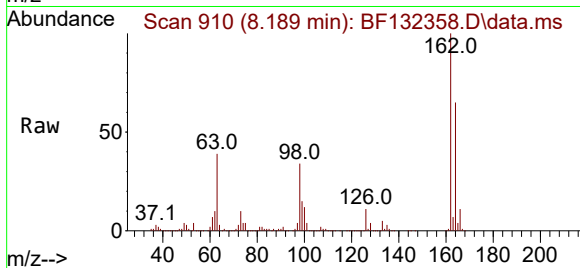
Tgt Ion:162 Resp: 408855

Ion Ratio Lower Upper

162 100

164 64.9 46.4 86.4

98 33.6 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 48.856 ng

RT: 8.272 min Scan# 924

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

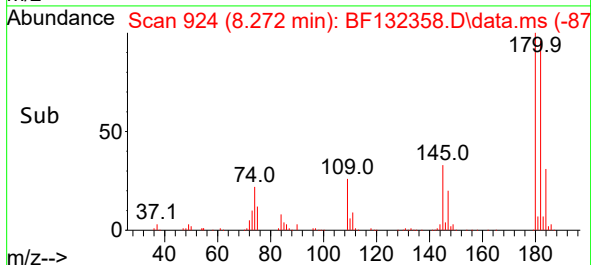
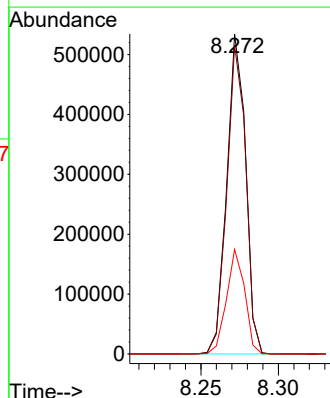
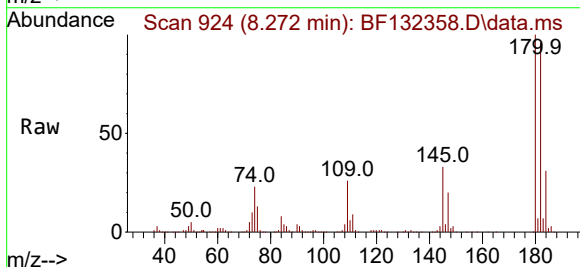
Tgt Ion:180 Resp: 452679

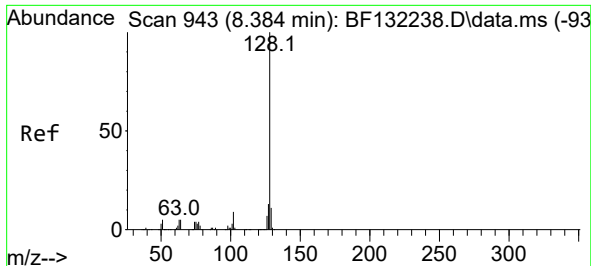
Ion Ratio Lower Upper

180 100

182 96.5 74.6 112.0

145 32.7 25.3 37.9

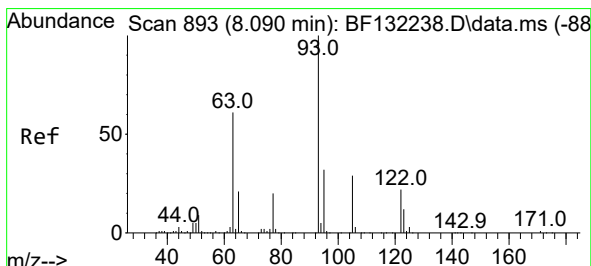
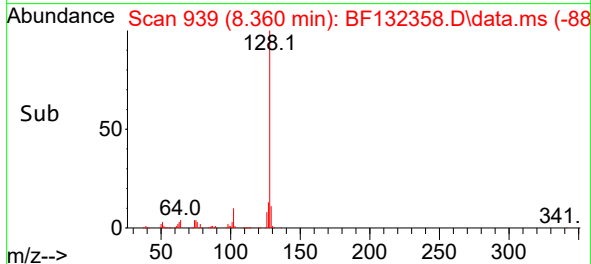
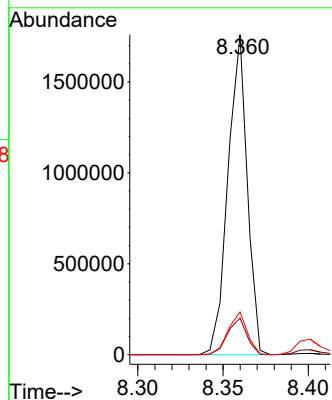
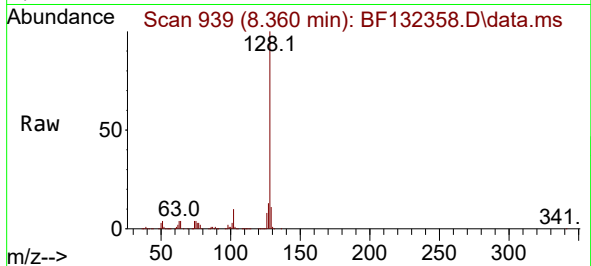




#31
Naphthalene
Concen: 45.271 ng
RT: 8.360 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

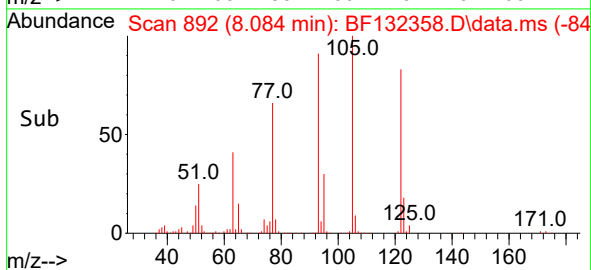
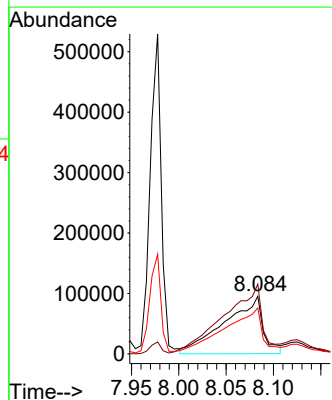
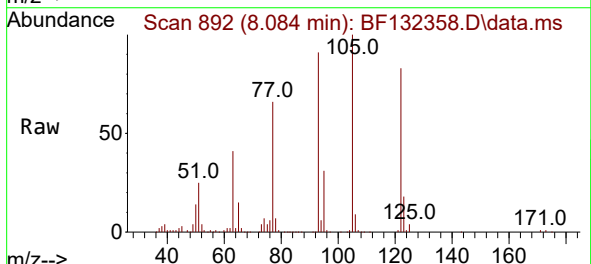
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

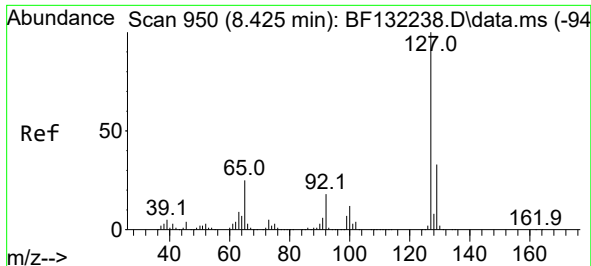
Tgt Ion:128 Resp: 1387461
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 37.129 ng
RT: 8.084 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:122 Resp: 267841
Ion Ratio Lower Upper
122 100
105 121.0 106.3 146.3
77 79.9 70.6 110.6

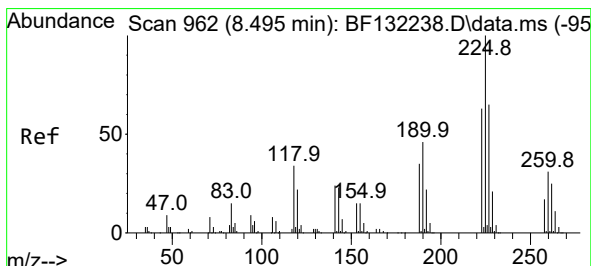
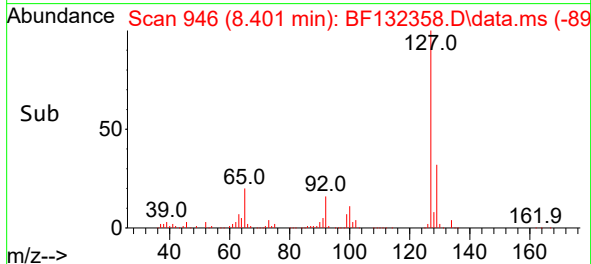
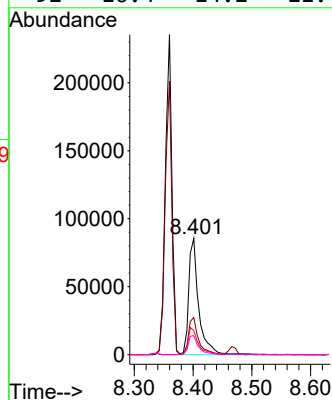
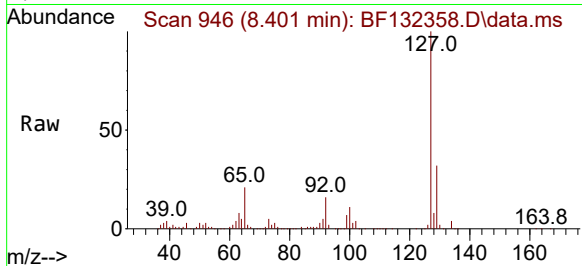




#33
4-Chloroaniline
Concen: 7.492 ng
RT: 8.401 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

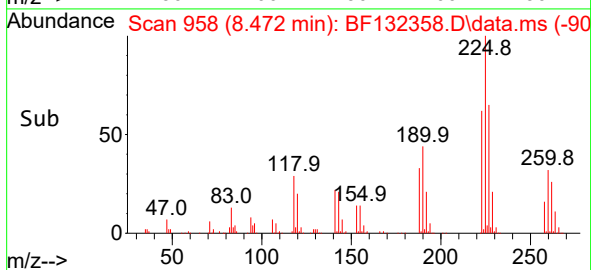
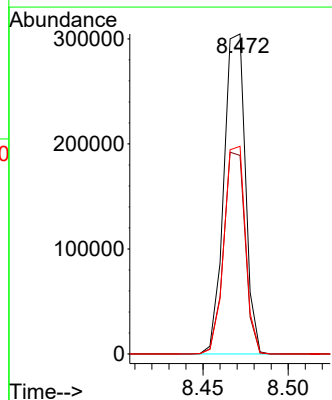
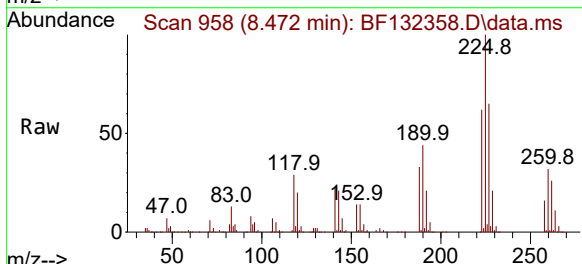
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

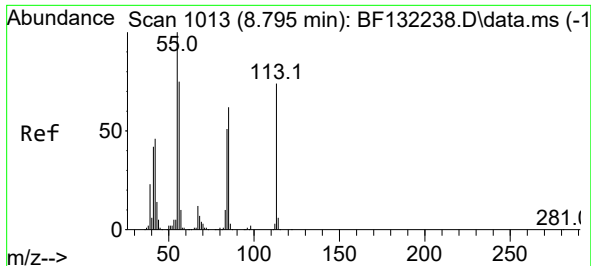
Tgt Ion:127	Resp: 101821
Ion Ratio	Lower Upper
127 100	
129 31.9	26.6 39.8
65 20.6	20.2 30.2
92 16.4	14.2 21.4



#34
Hexachlorobutadiene
Concen: 51.480 ng
RT: 8.472 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:225	Resp: 268155
Ion Ratio	Lower Upper
225 100	
223 62.0	50.6 75.8
227 64.9	51.7 77.5

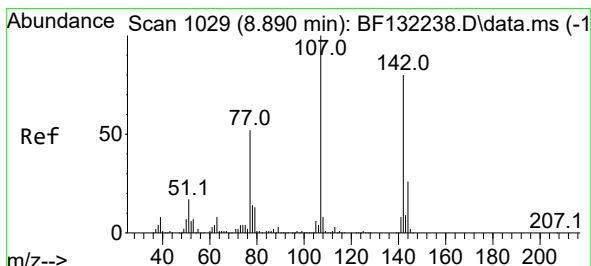
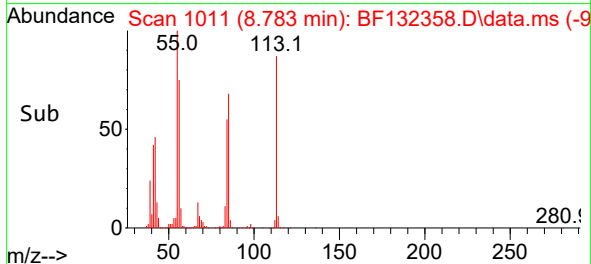
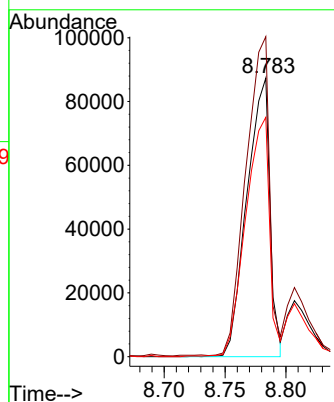
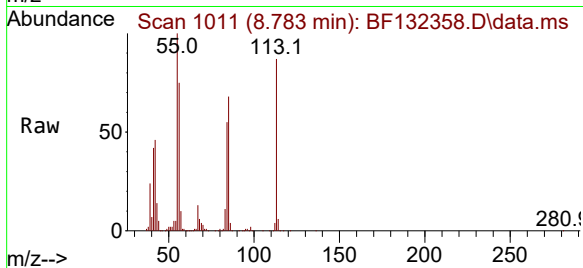




#35
Caprolactam
Concen: 38.813 ng
RT: 8.783 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

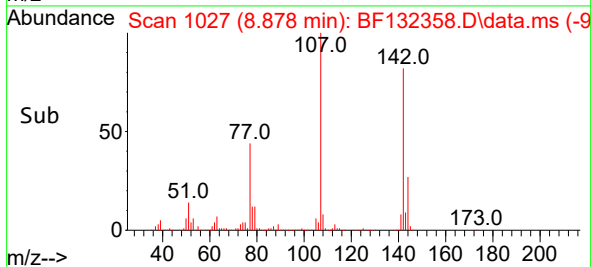
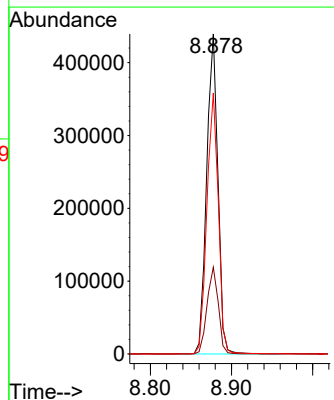
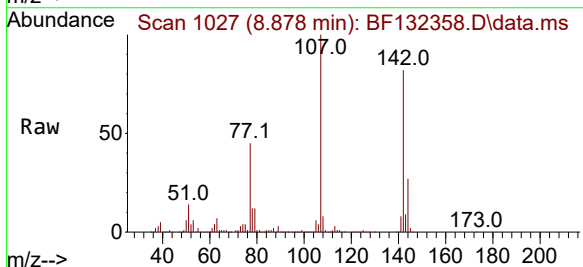
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

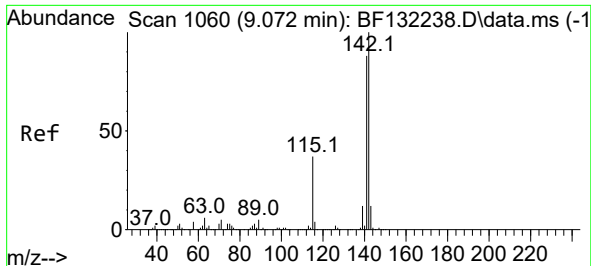
Tgt Ion:113 Resp: 114490
Ion Ratio Lower Upper
113 100
55 114.9 114.7 154.7
56 85.9 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 45.230 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:107 Resp: 421614
Ion Ratio Lower Upper
107 100
144 27.1 20.5 30.7
142 81.6 63.6 95.4

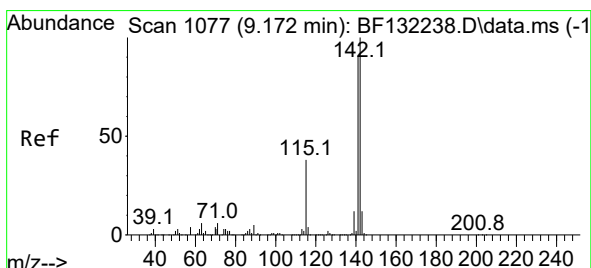
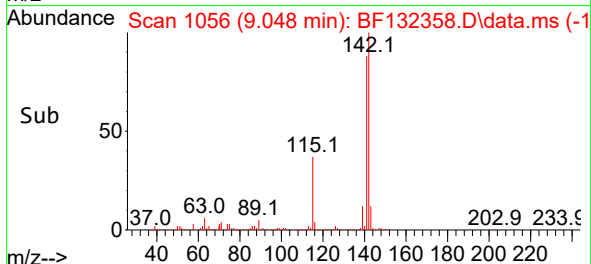
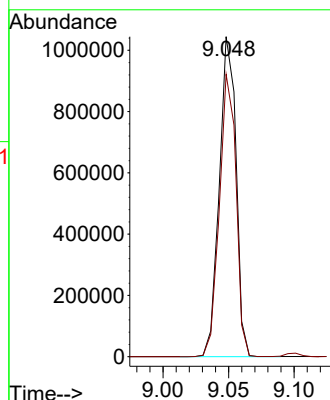
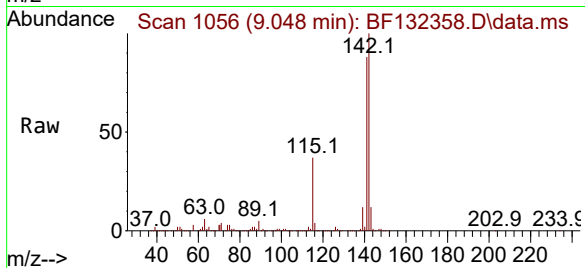




#37
2-Methylnaphthalene
Concen: 44.495 ng
RT: 9.048 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

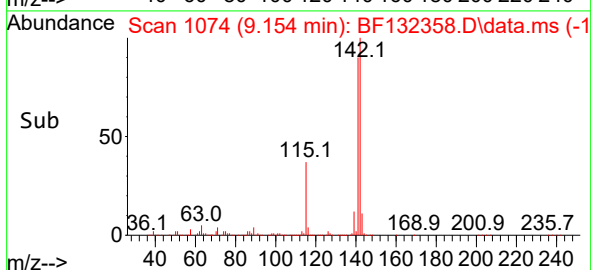
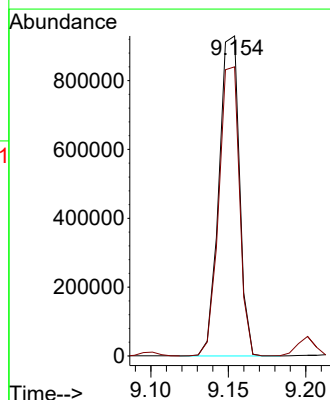
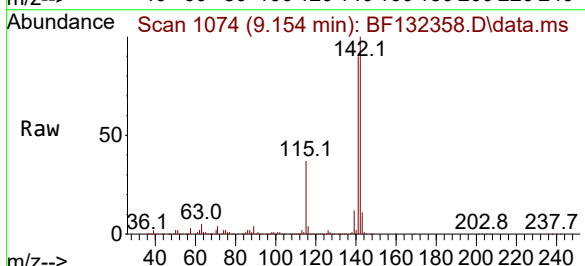
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

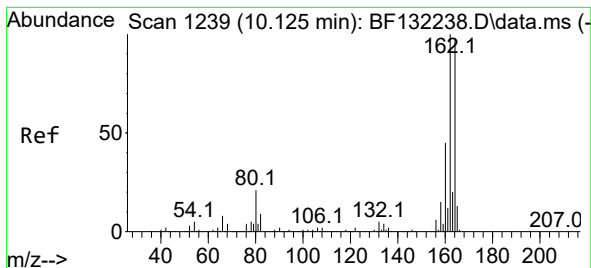
Tgt Ion:142 Resp: 923715
Ion Ratio Lower Upper
142 100
141 88.3 70.1 105.1



#38
1-Methylnaphthalene
Concen: 44.244 ng
RT: 9.154 min Scan# 1074
Delta R.T. 0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:142 Resp: 853577
Ion Ratio Lower Upper
142 100
141 90.4 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.101 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

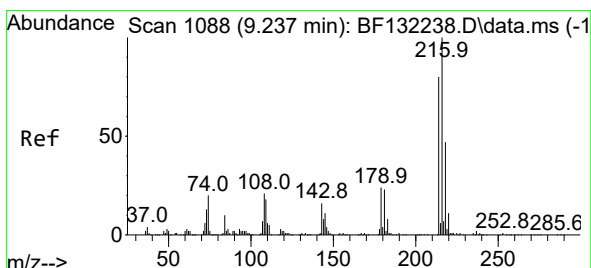
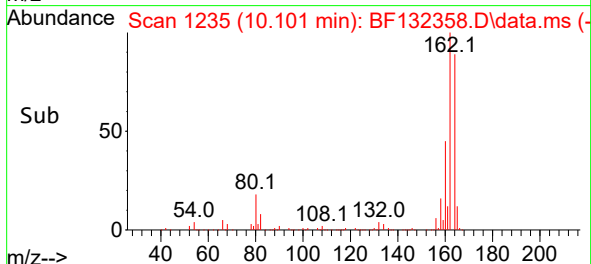
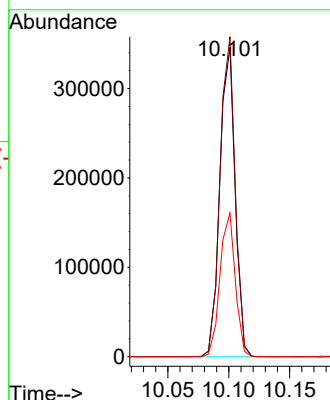
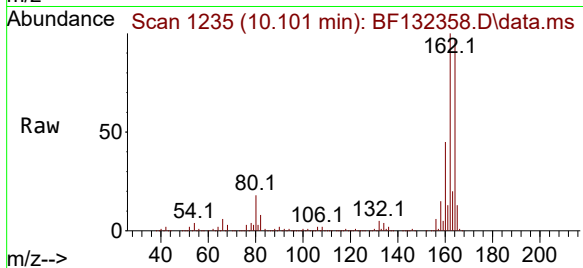
Tgt Ion:164 Resp: 302494

Ion Ratio Lower Upper

164 100

162 103.5 82.0 123.0

160 46.5 37.1 55.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.152 ng

RT: 9.219 min Scan# 1085

Delta R.T. 0.006 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Tgt Ion:216 Resp: 426922

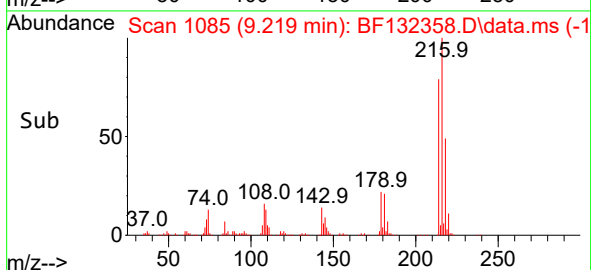
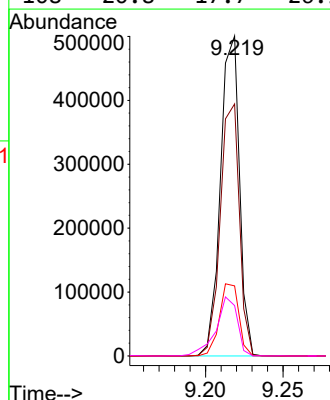
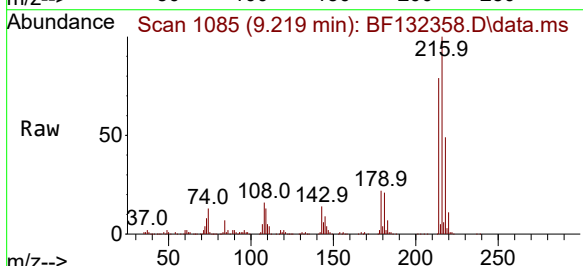
Ion Ratio Lower Upper

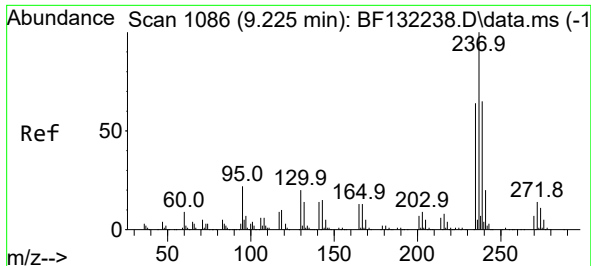
216 100

214 79.7 63.6 95.4

179 23.1 18.3 27.5

108 20.8 17.7 26.5

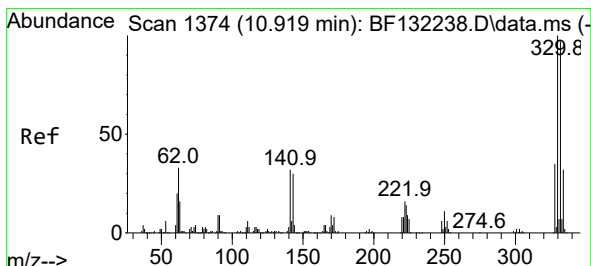
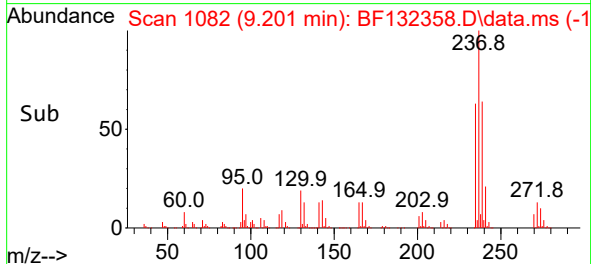
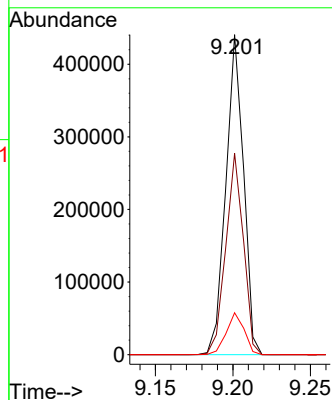
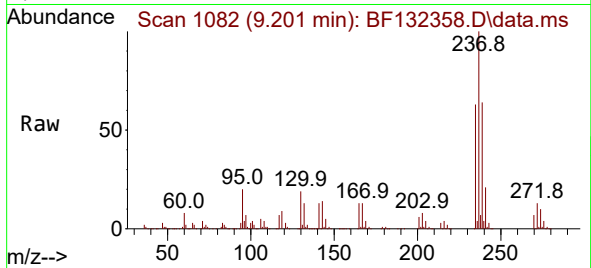




#41
Hexachlorocyclopentadiene
Concen: 70.371 ng
RT: 9.201 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

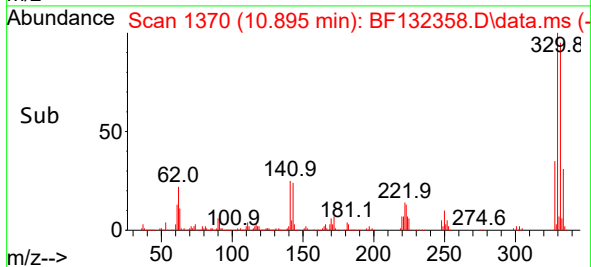
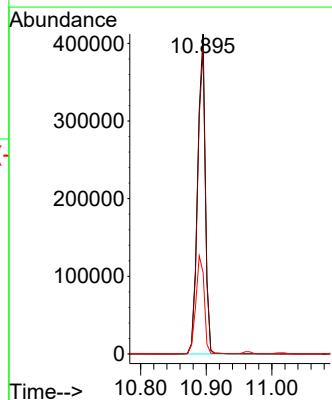
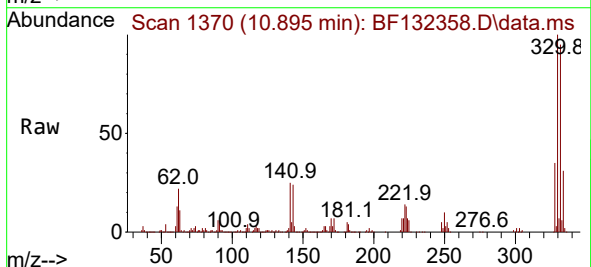
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

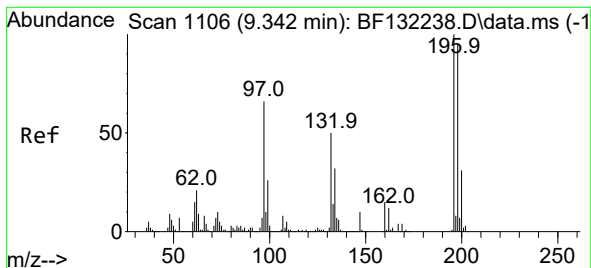
Tgt Ion:237 Resp: 349494
Ion Ratio Lower Upper
237 100
235 63.0 43.5 83.5
272 13.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 108.083 ng
RT: 10.895 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:330 Resp: 336219
Ion Ratio Lower Upper
330 100
332 96.0 77.9 116.9
141 33.5 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 48.578 ng

RT: 9.325 min Scan# 1103

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

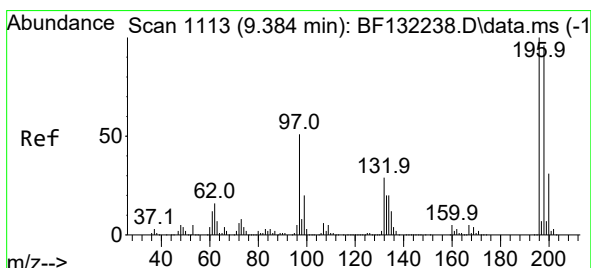
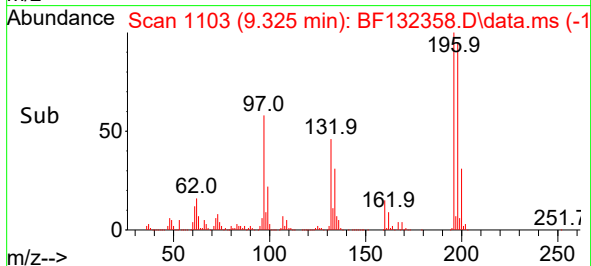
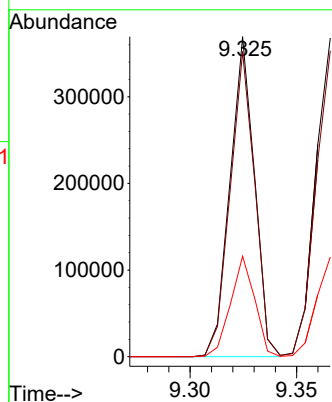
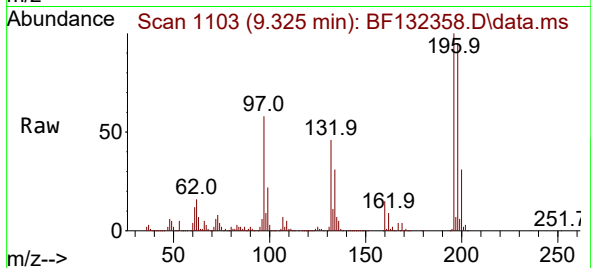
Tgt Ion:196 Resp: 295598

Ion Ratio Lower Upper

196 100

198 95.3 75.9 113.9

200 31.4 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 44.629 ng

RT: 9.366 min Scan# 1110

Delta R.T. 0.006 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Tgt Ion:196 Resp: 312571

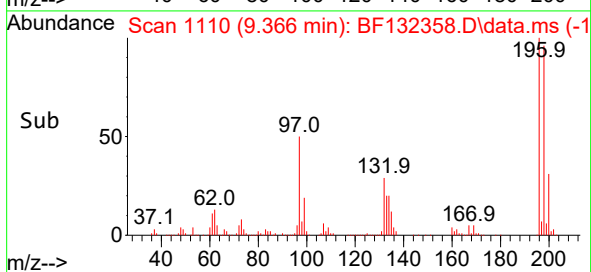
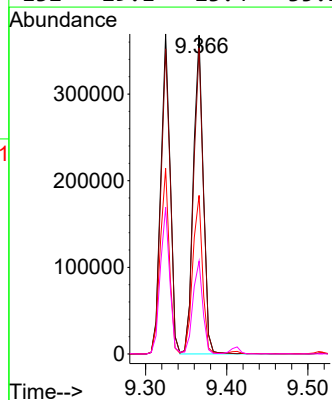
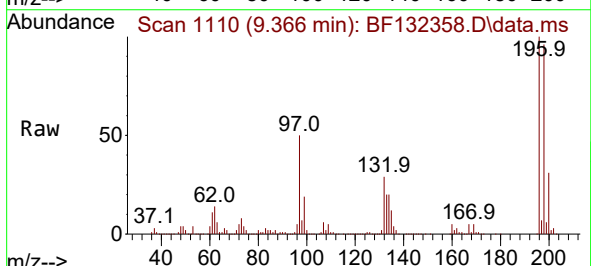
Ion Ratio Lower Upper

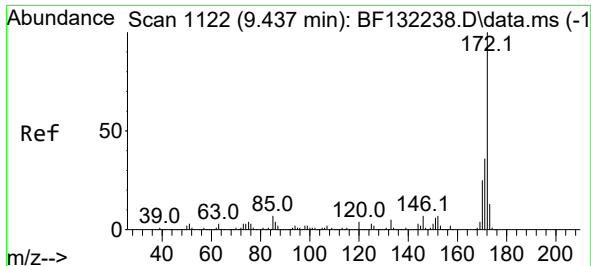
196 100

198 96.0 77.0 115.4

97 49.8 41.2 61.8

132 29.1 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 65.383 ng

RT: 9.413 min Scan# 1118

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

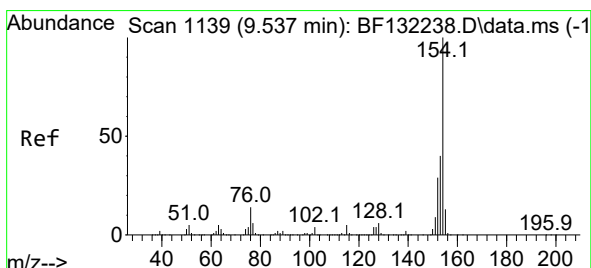
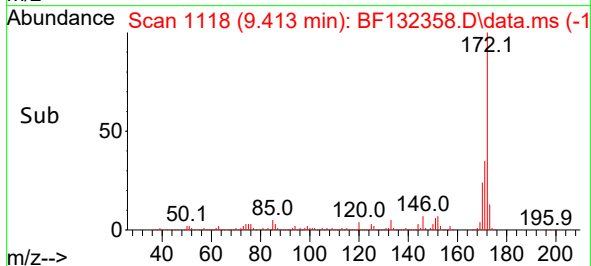
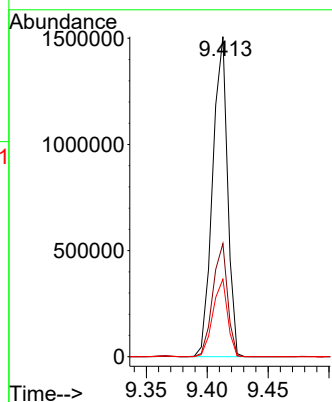
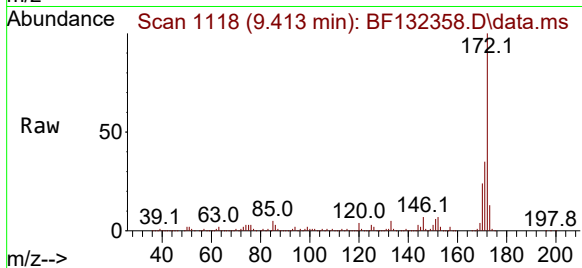
Tgt Ion:172 Resp: 1280754

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 24.2 19.7 29.5



#46

1,1'-Biphenyl

Concen: 46.731 ng

RT: 9.513 min Scan# 1135

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

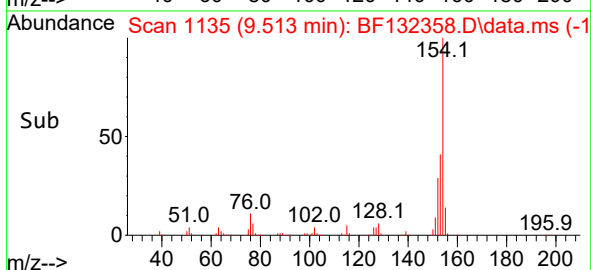
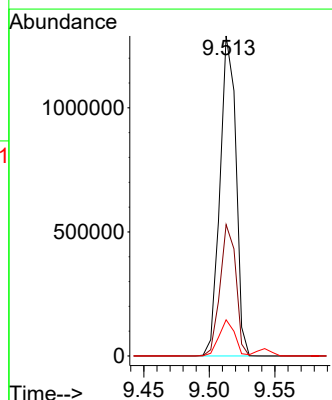
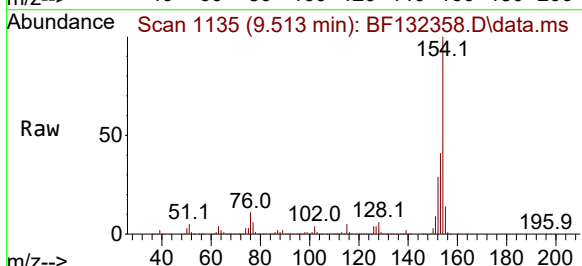
Tgt Ion:154 Resp: 1089805

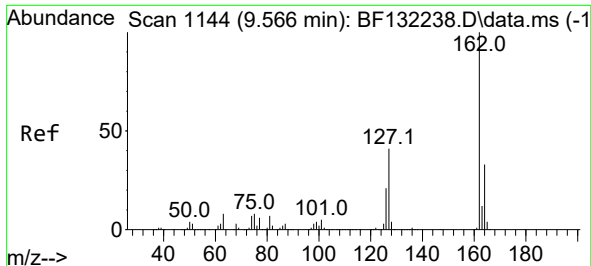
Ion Ratio Lower Upper

154 100

153 41.0 19.9 59.9

76 11.3 0.0 34.0

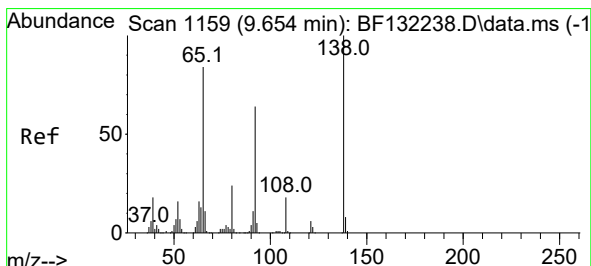
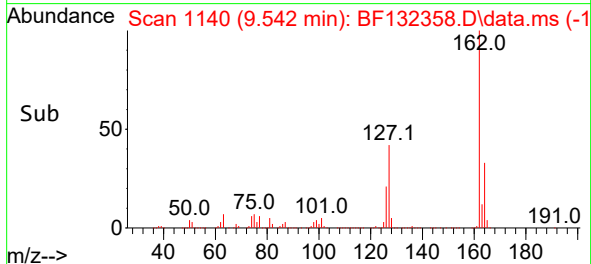
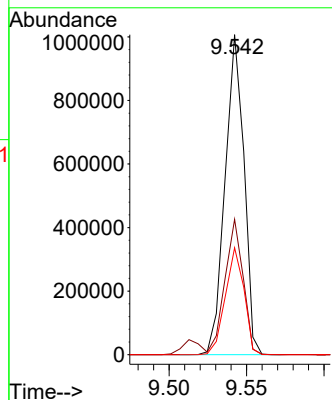
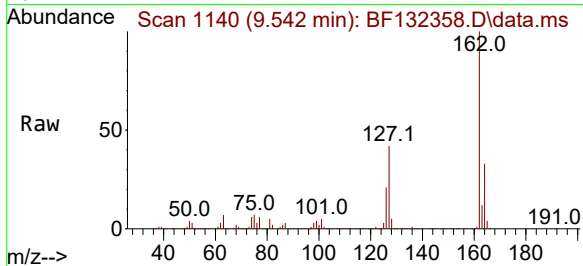




#47
2-Chloronaphthalene
Concen: 48.066 ng
RT: 9.542 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

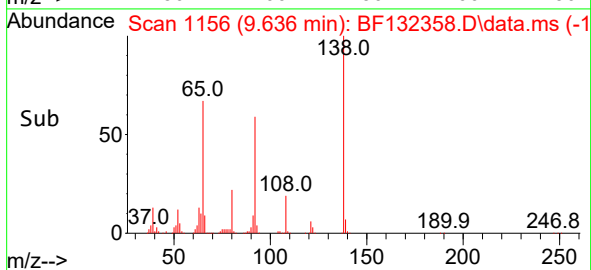
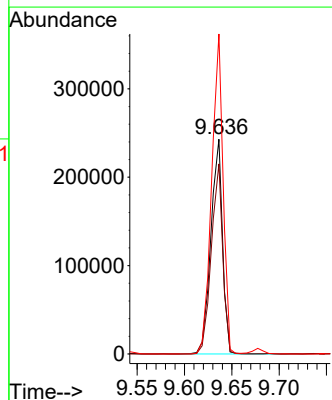
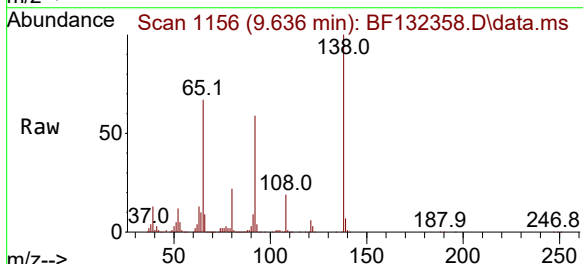
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

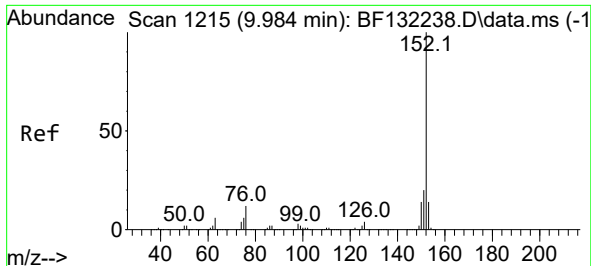
Tgt Ion:162 Resp: 853753
Ion Ratio Lower Upper
162 100
127 42.3 33.3 49.9
164 33.4 26.8 40.2



#48
2-Nitroaniline
Concen: 39.389 ng
RT: 9.636 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion: 65 Resp: 208073
Ion Ratio Lower Upper
65 100
92 88.5 61.0 91.4
138 149.0 95.0 142.4#





#49

Acenaphthylene

Concen: 44.552 ng

RT: 9.960 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

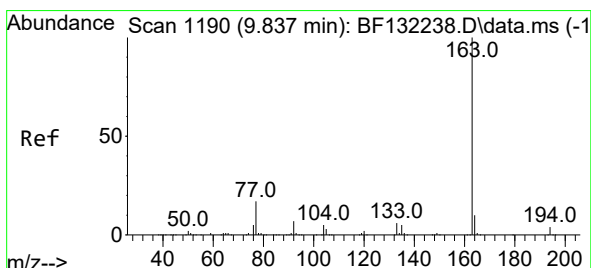
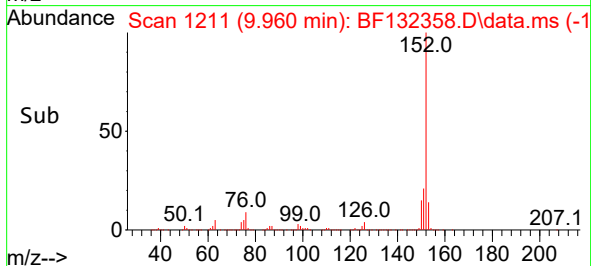
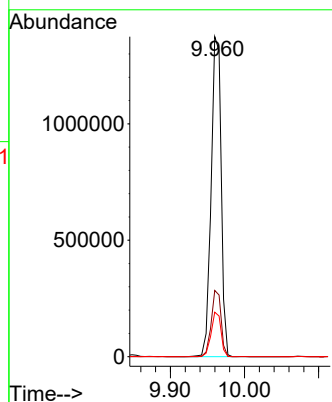
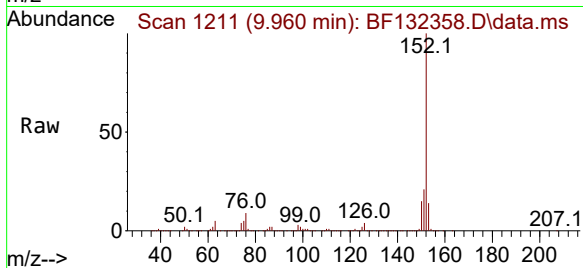
Tgt Ion:152 Resp: 1291498

Ion Ratio Lower Upper

152 100

151 20.7 15.9 23.9

153 13.9 10.9 16.3



#50

Dimethylphthalate

Concen: 46.989 ng

RT: 9.813 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

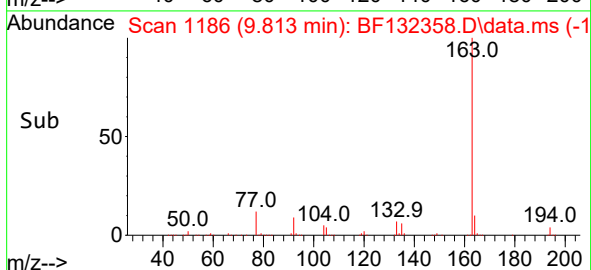
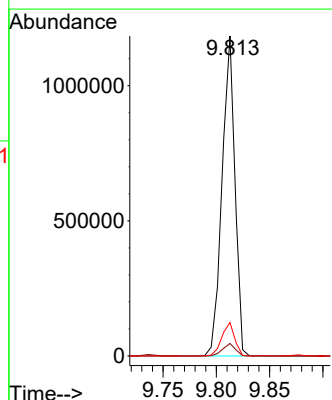
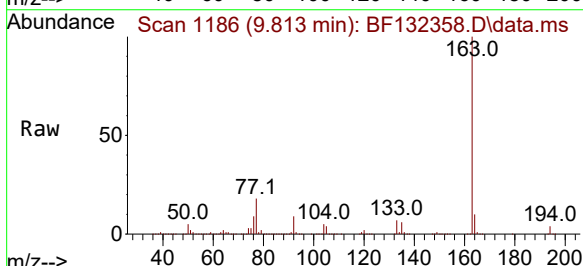
Tgt Ion:163 Resp: 994265

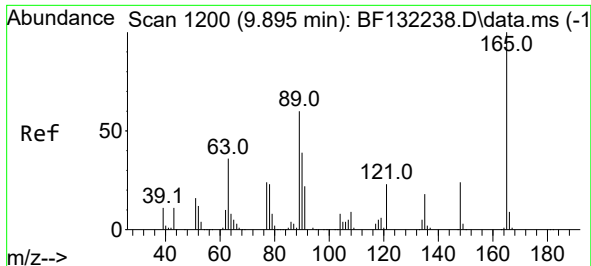
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.4 7.9 11.9

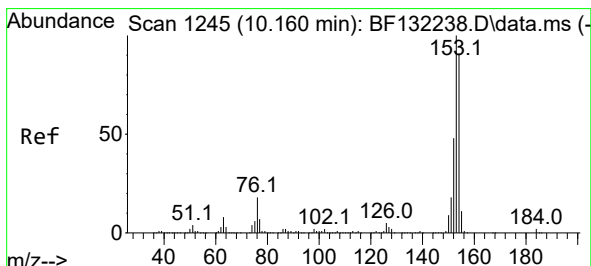
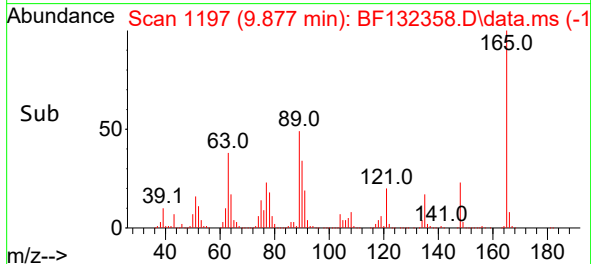
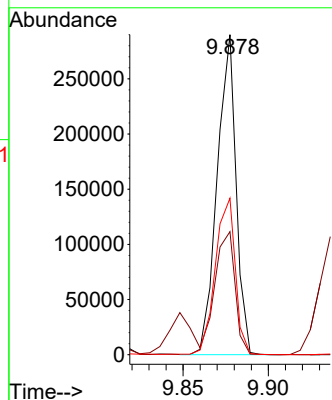
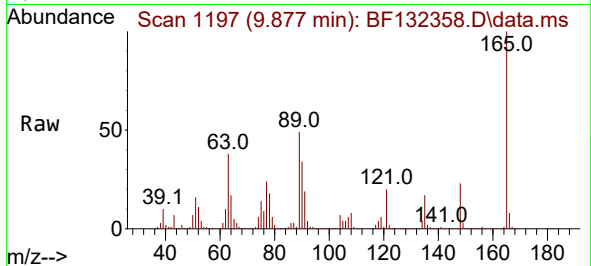




#51
2,6-Dinitrotoluene
Concen: 47.414 ng
RT: 9.877 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

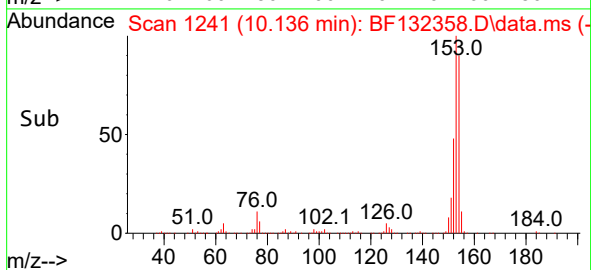
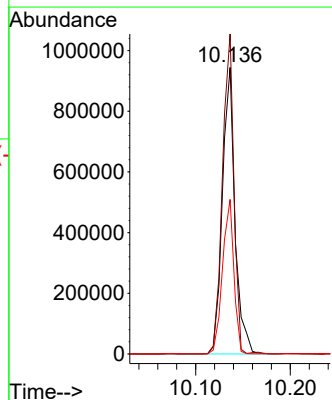
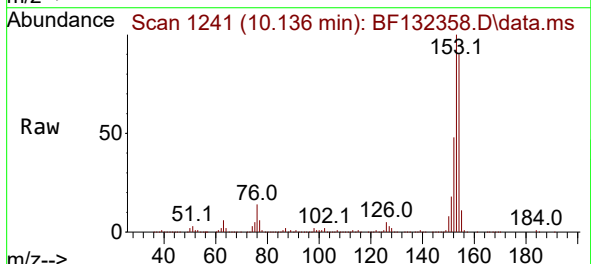
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

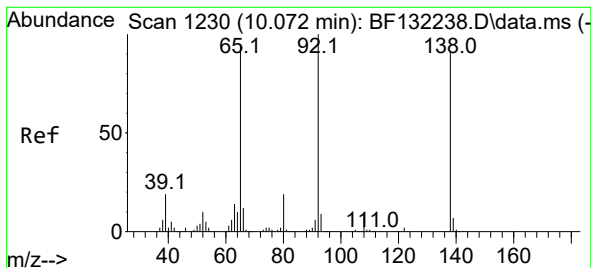
Tgt Ion:165 Resp: 224065
Ion Ratio Lower Upper
165 100
63 38.5 41.5 62.3#
89 48.9 48.1 72.1



#52
Acenaphthene
Concen: 48.096 ng
RT: 10.136 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:154 Resp: 872881
Ion Ratio Lower Upper
154 100
153 111.6 88.3 132.5
152 53.9 42.7 64.1

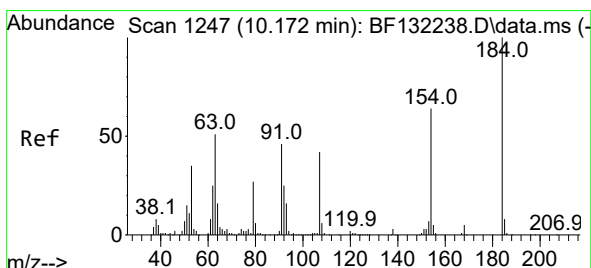
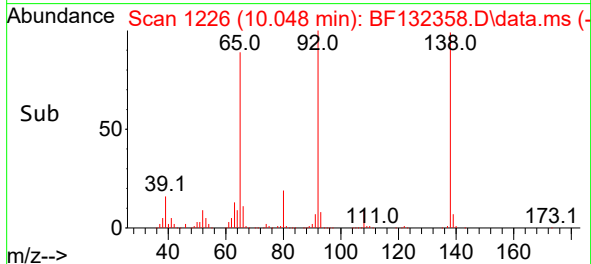
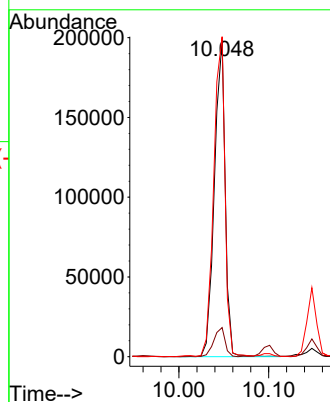
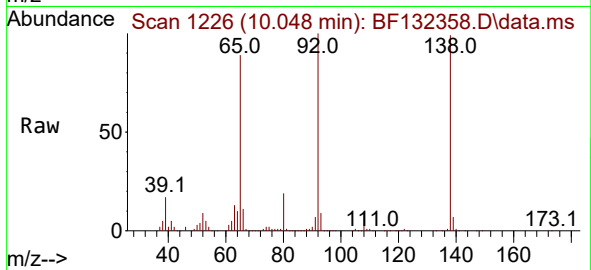




#53
3-Nitroaniline
Concen: 28.882 ng
RT: 10.048 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

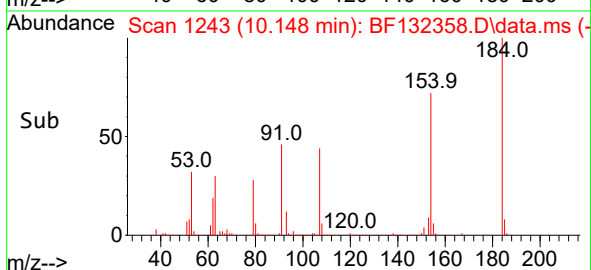
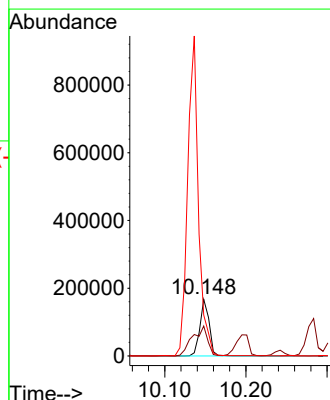
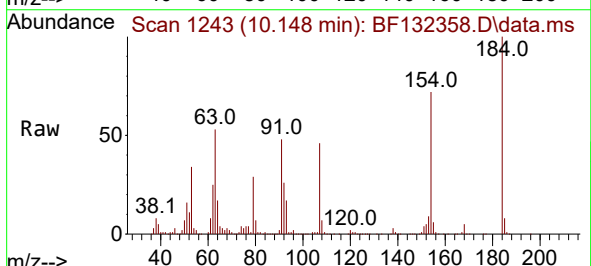
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

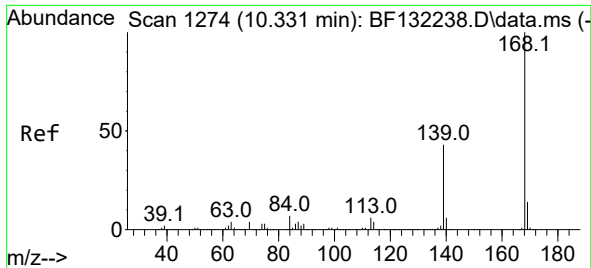
Tgt Ion:138 Resp: 165520
Ion Ratio Lower Upper
138 100
108 9.2 7.6 11.4
92 101.1 88.3 132.5



#54
2,4-Dinitrophenol
Concen: 50.565 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:184 Resp: 133905
Ion Ratio Lower Upper
184 100
63 52.7 41.6 62.4
154 72.2 57.0 85.6

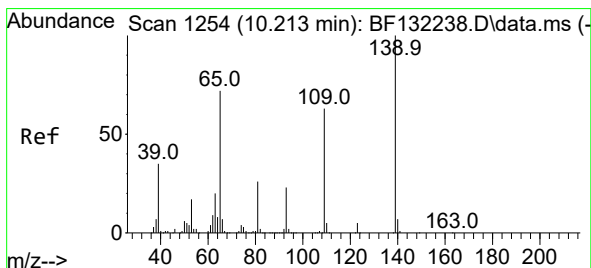
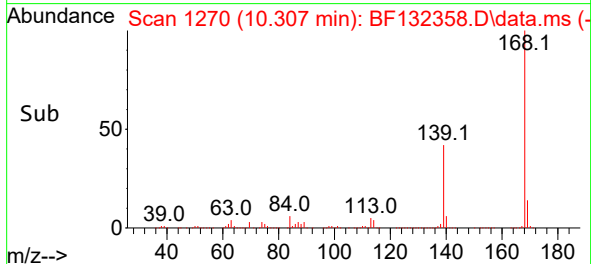
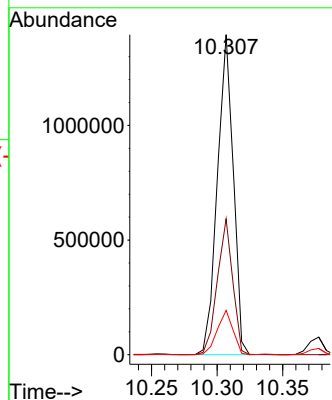
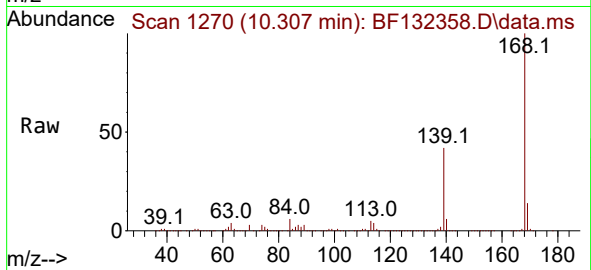




#55
Dibenzenofuran
Concen: 45.981 ng
RT: 10.307 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

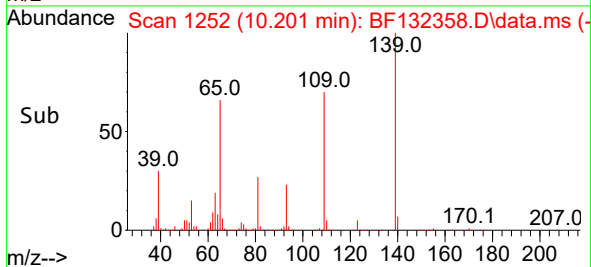
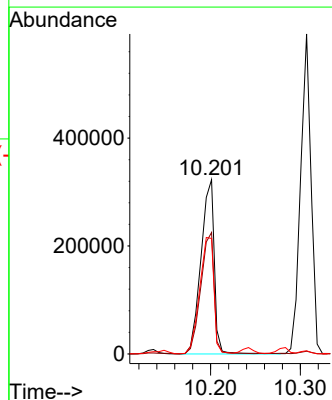
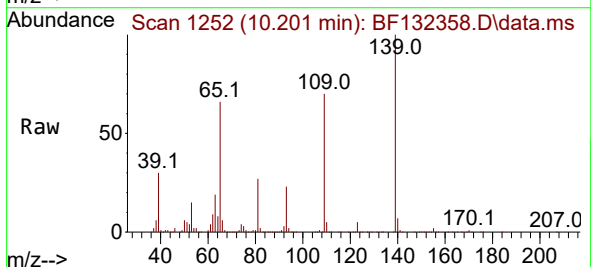
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

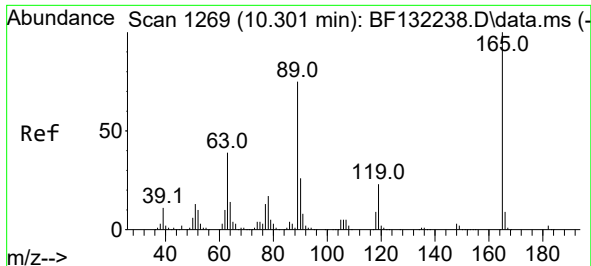
Tgt Ion:168 Resp: 1172505
Ion Ratio Lower Upper
168 100
139 42.5 34.2 51.4
169 13.9 11.2 16.8



#56
4-Nitrophenol
Concen: 77.293 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.012 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:139 Resp: 333329
Ion Ratio Lower Upper
139 100
109 69.7 43.3 83.3
65 66.3 52.3 92.3

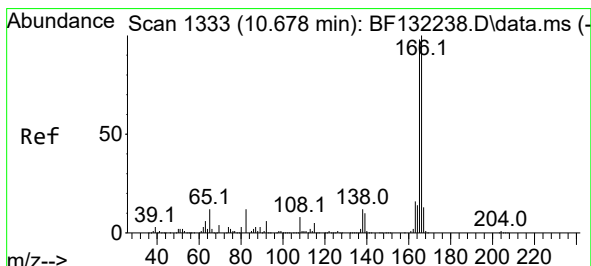
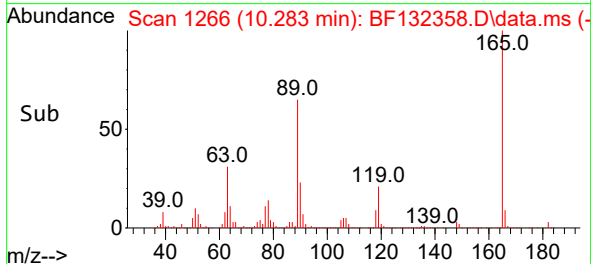
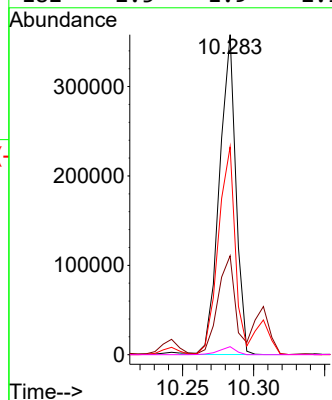
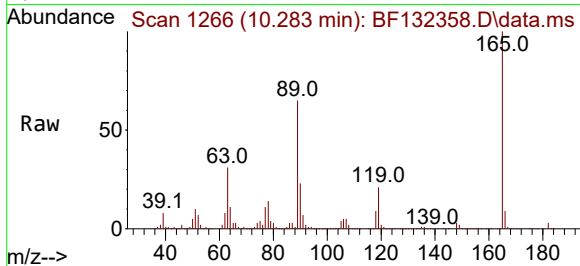




#57
2,4-Dinitrotoluene
Concen: 46.932 ng
RT: 10.283 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

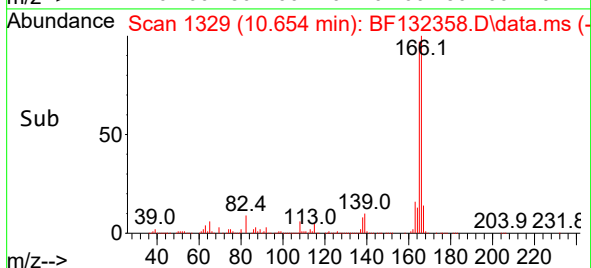
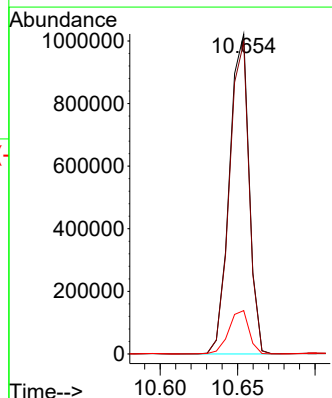
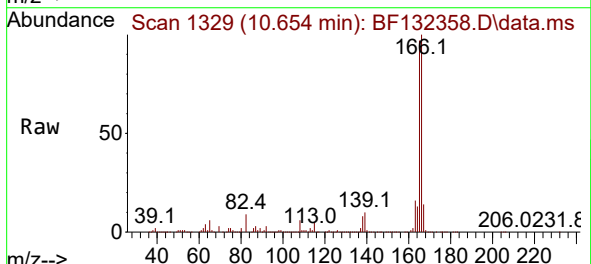
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

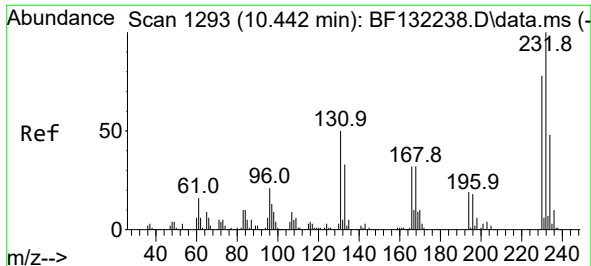
Tgt Ion:165 Resp: 288104
Ion Ratio Lower Upper
165 100
63 30.9 30.9 46.3
89 65.0 60.1 90.1
182 2.5 1.9 2.9



#58
Fluorene
Concen: 46.021 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:166 Resp: 903145
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.6 10.8 16.2

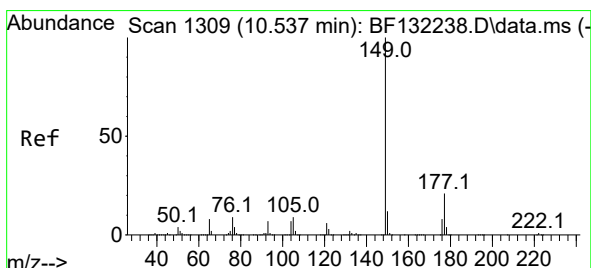
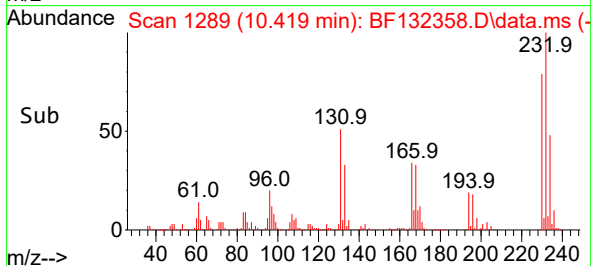
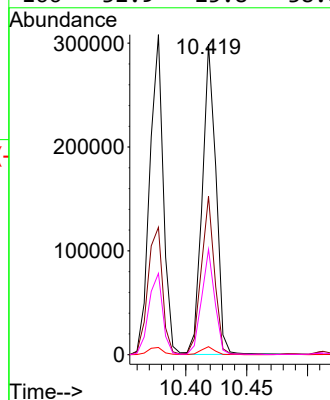
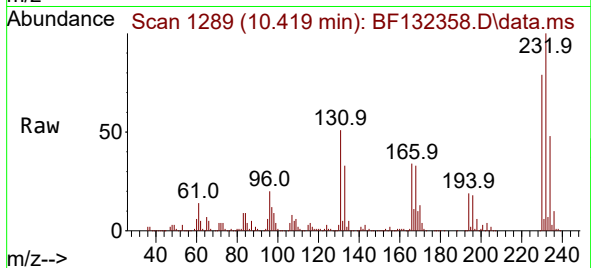




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.783 ng
RT: 10.419 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

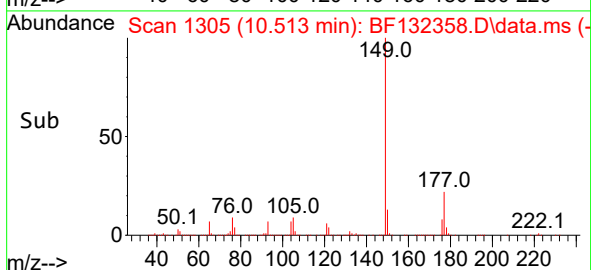
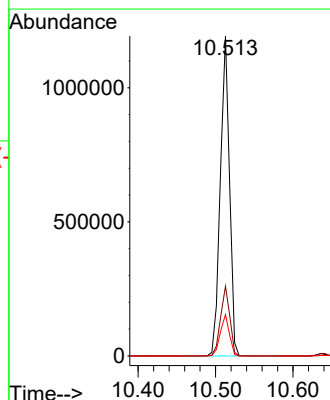
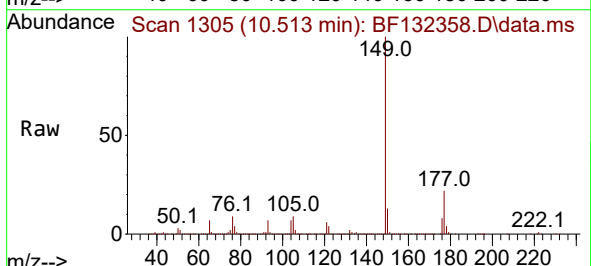
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

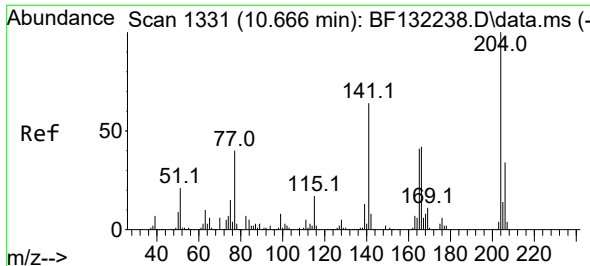
Tgt Ion:232 Resp: 233761
Ion Ratio Lower Upper
232 100
131 49.2 40.6 61.0
130 2.6 1.9 2.9
166 32.9 25.8 38.8



#60
Diethylphthalate
Concen: 46.832 ng
RT: 10.513 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:149 Resp: 985809
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.9 9.9 14.9

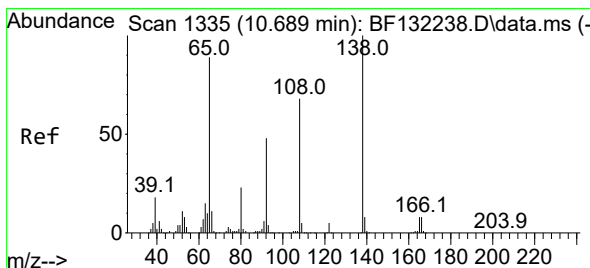
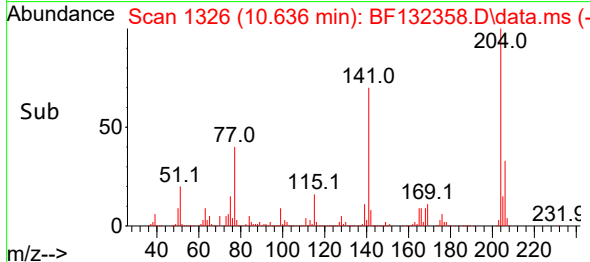
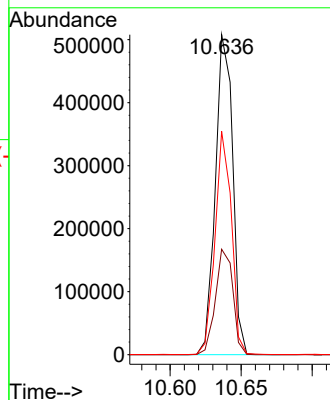
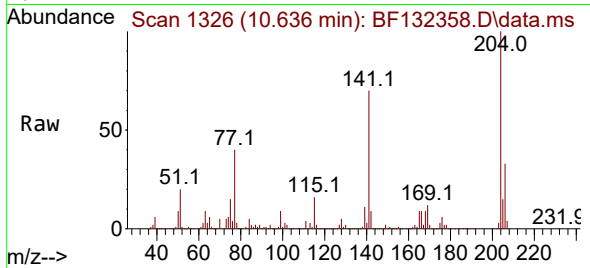




#61
4-Chlorophenyl-phenylether
Concen: 46.062 ng
RT: 10.636 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

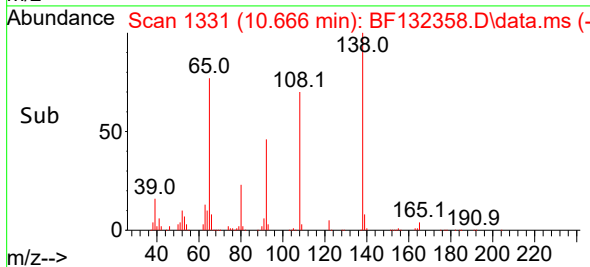
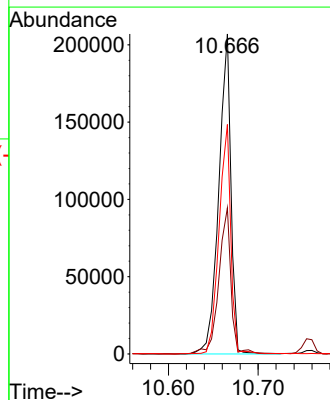
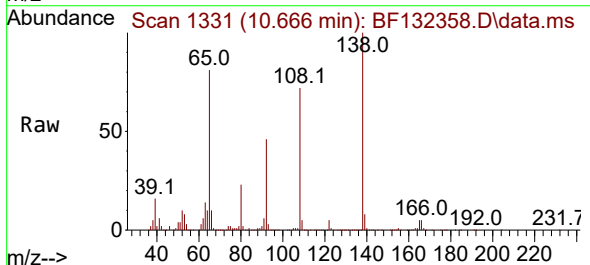
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

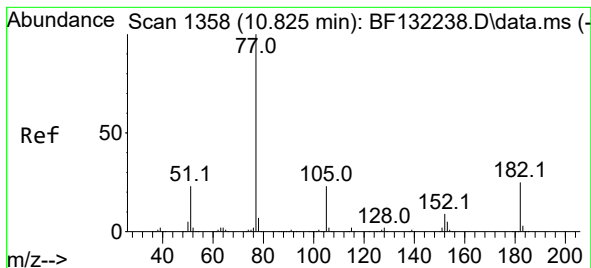
Tgt Ion:204 Resp: 429001
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 69.8 51.4 77.0



#62
4-Nitroaniline
Concen: 35.448 ng
RT: 10.666 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:138 Resp: 194810
Ion Ratio Lower Upper
138 100
92 45.6 27.7 67.7
108 71.7 48.5 88.5





#63

Azobenzene

Concen: 40.072 ng

RT: 10.801 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

Tgt Ion: 77 Resp: 821623

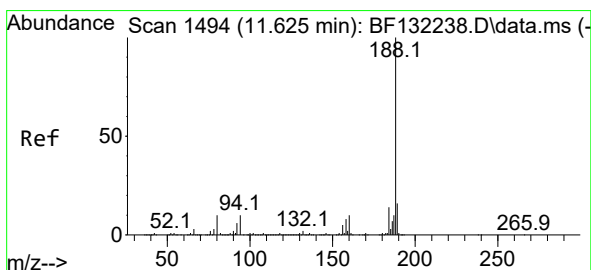
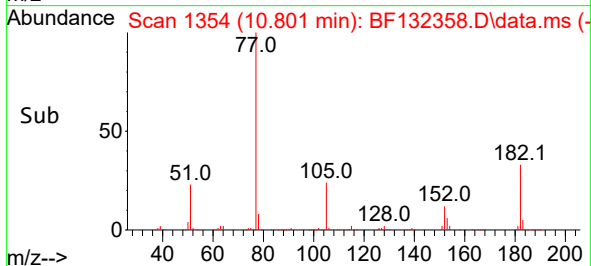
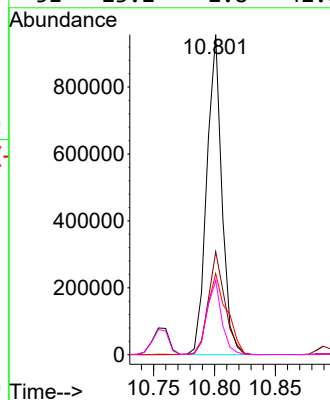
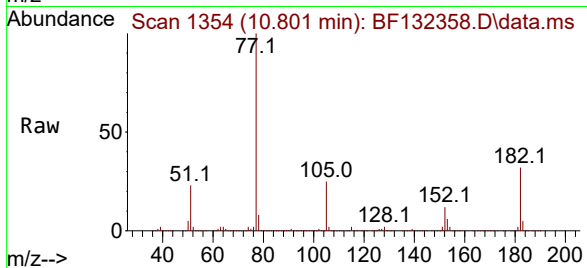
Ion Ratio Lower Upper

77 100

182 32.2 4.5 44.5

105 25.4 2.7 42.7

51 23.2 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.595 min Scan# 1489

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

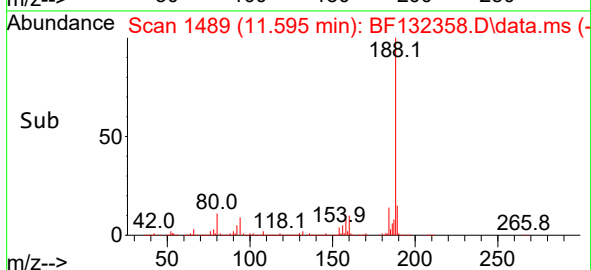
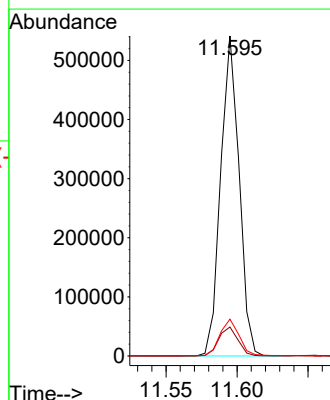
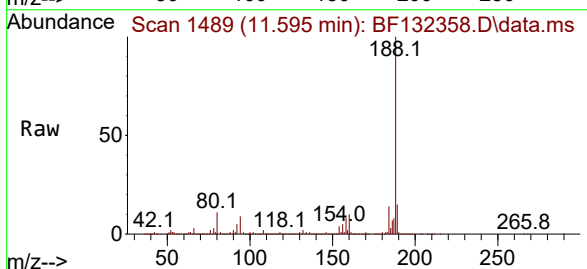
Tgt Ion:188 Resp: 487995

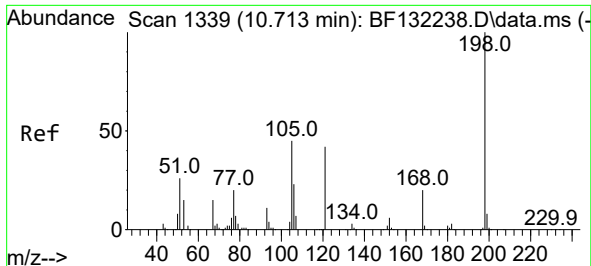
Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

80 11.5 8.3 12.5

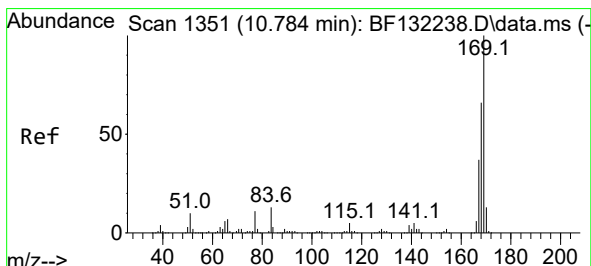
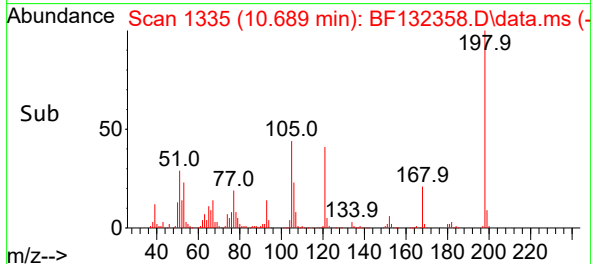
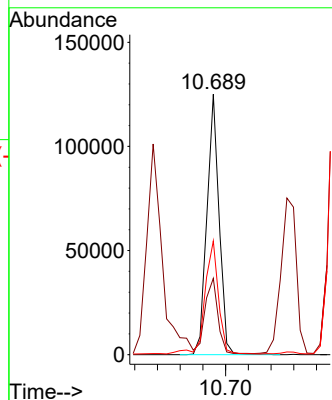
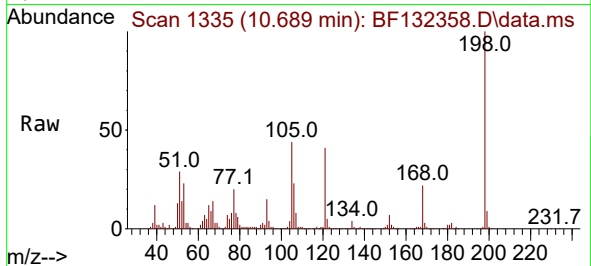




#65
4,6-Dinitro-2-methylphenol
Concen: 33.596 ng
RT: 10.689 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

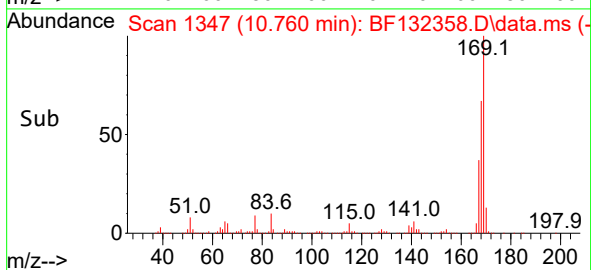
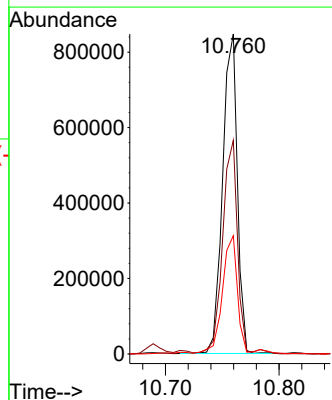
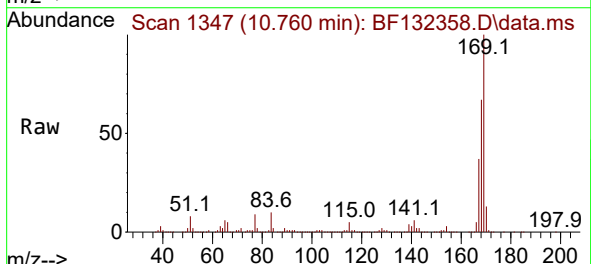
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

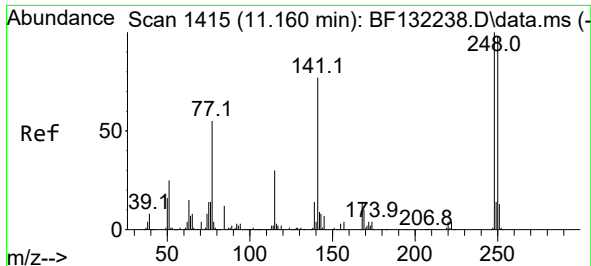
Tgt Ion:198 Resp: 93048
Ion Ratio Lower Upper
198 100
51 29.3 13.1 53.1
105 43.7 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 49.941 ng
RT: 10.760 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:169 Resp: 763137
Ion Ratio Lower Upper
169 100
168 66.7 52.6 79.0
167 36.9 29.5 44.3

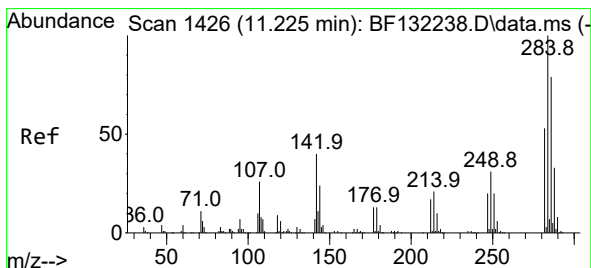
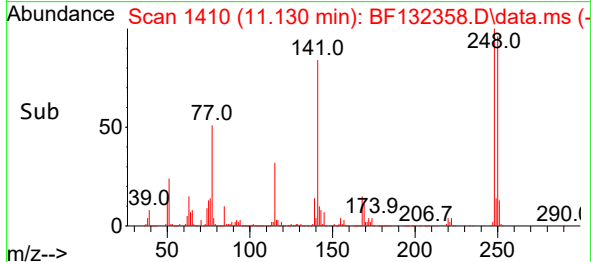
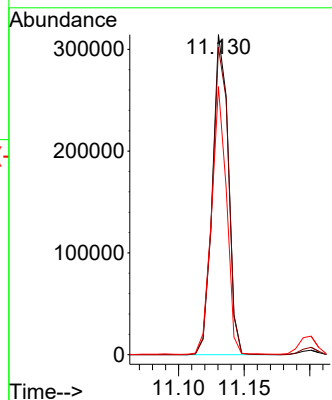
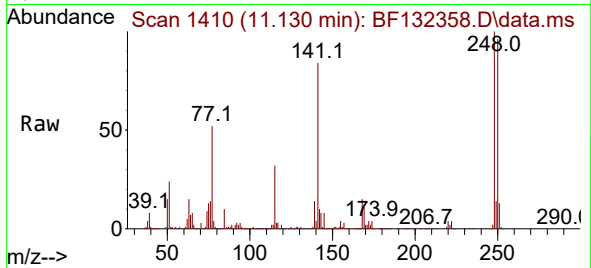




#67
4-Bromophenyl-phenylether
Concen: 52.971 ng
RT: 11.130 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

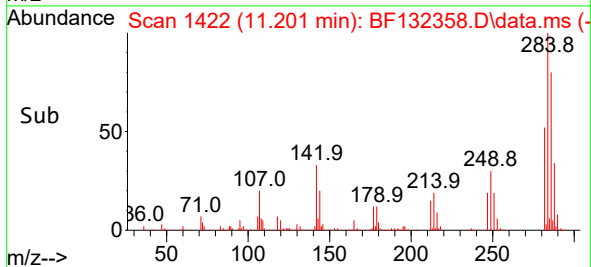
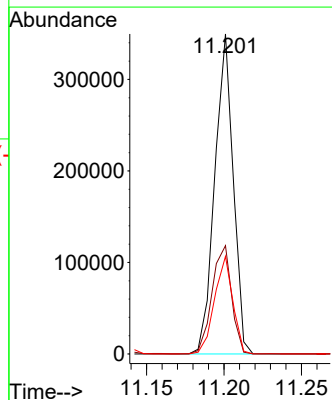
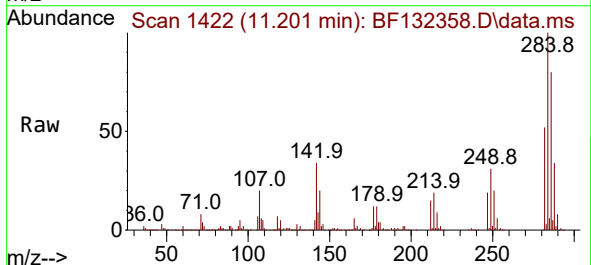
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

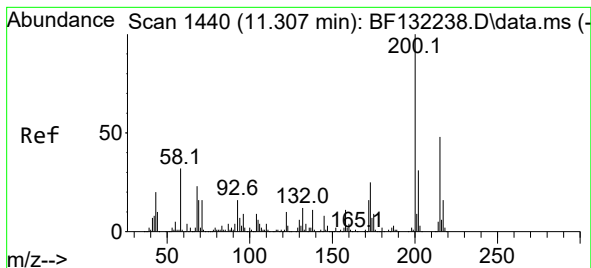
Tgt Ion:248 Resp: 264700
Ion Ratio Lower Upper
248 100
250 96.0 78.6 117.8
141 83.8 61.6 92.4



#68
Hexachlorobenzene
Concen: 54.082 ng
RT: 11.201 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:284 Resp: 288853
Ion Ratio Lower Upper
284 100
142 33.9 32.2 48.4
249 30.5 25.0 37.6





#69

Atrazine

Concen: 55.651 ng

RT: 11.283 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

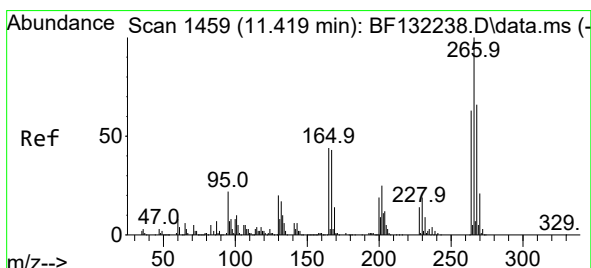
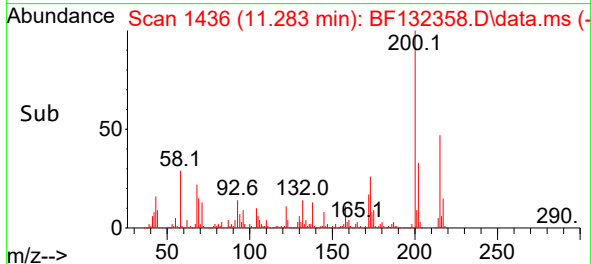
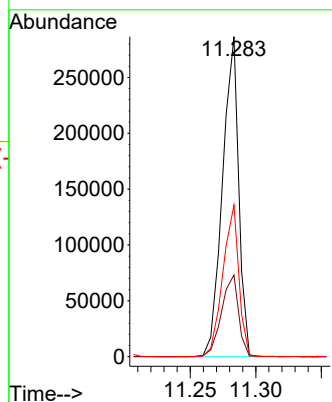
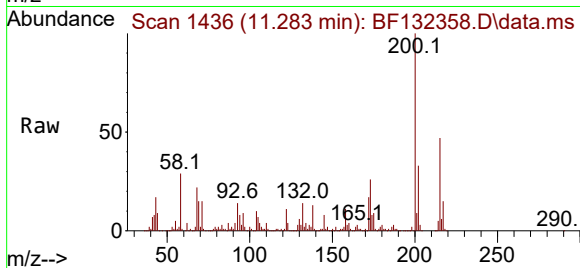
Tgt Ion:200 Resp: 244603

Ion Ratio Lower Upper

200 100

173 25.6 5.1 45.1

215 47.4 27.6 67.6



#70

Pentachlorophenol

Concen: 78.418 ng

RT: 11.395 min Scan# 1455

Delta R.T. 0.006 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

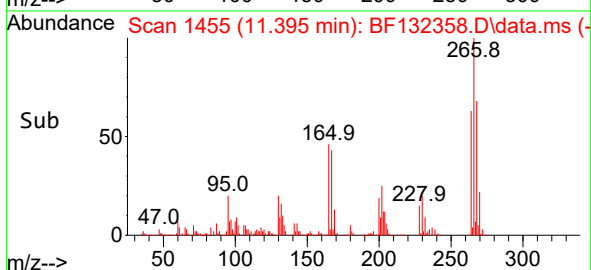
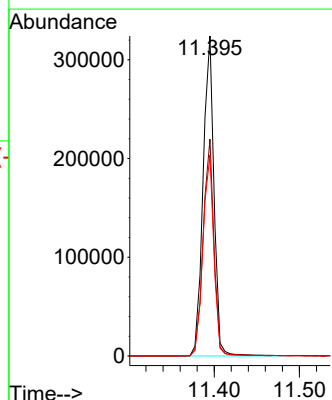
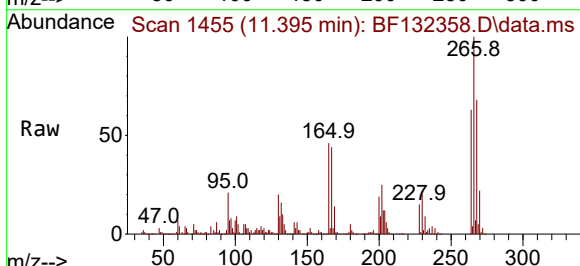
Tgt Ion:266 Resp: 287777

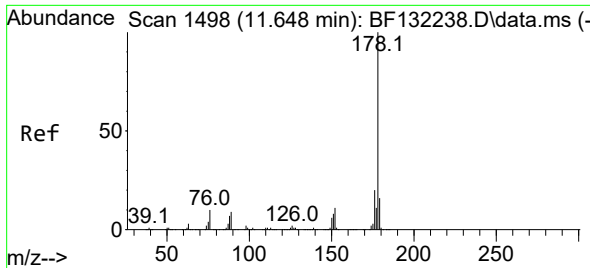
Ion Ratio Lower Upper

266 100

268 67.8 53.0 79.4

264 62.8 50.5 75.7

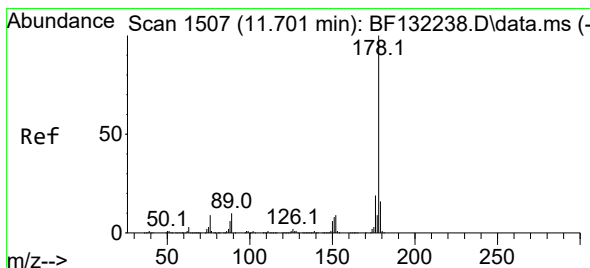
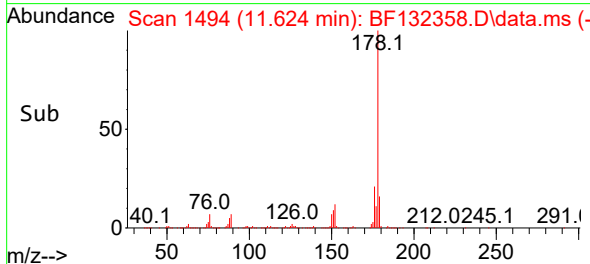
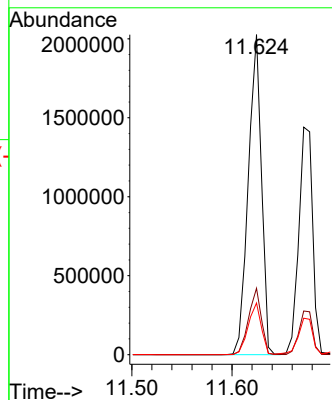
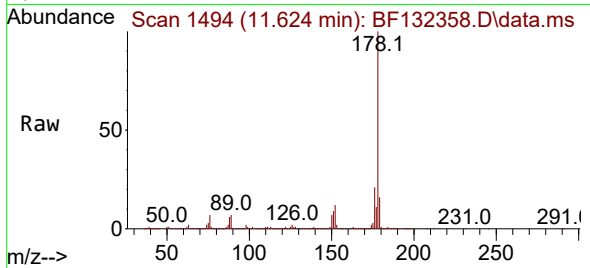




#71
Phenanthrene
Concen: 72.479 ng
RT: 11.624 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

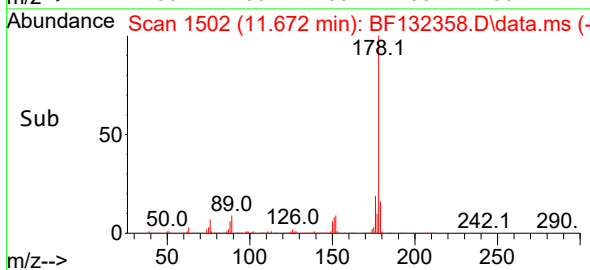
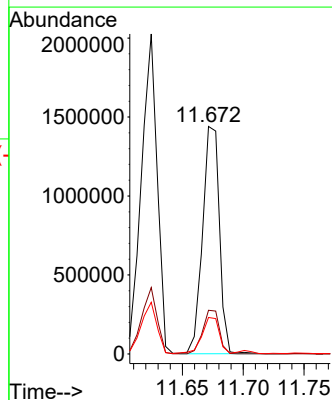
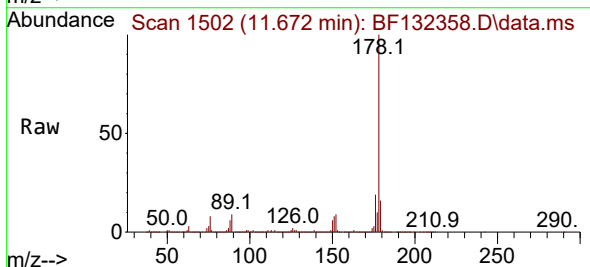
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

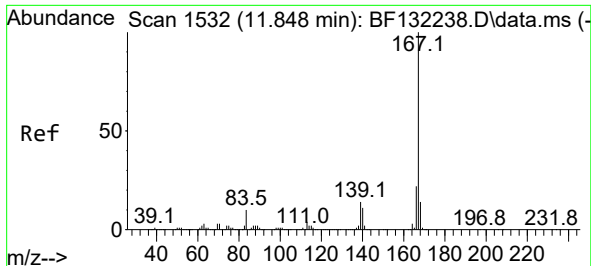
Tgt Ion:178 Resp: 1848256
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.2 12.8 19.2



#72
Anthracene
Concen: 53.397 ng
RT: 11.672 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:178 Resp: 1385739
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.0 12.8 19.2

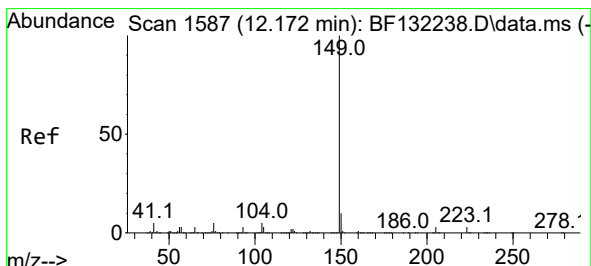
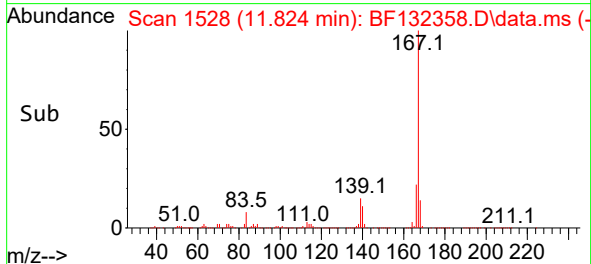
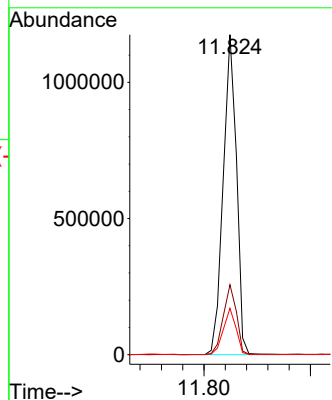
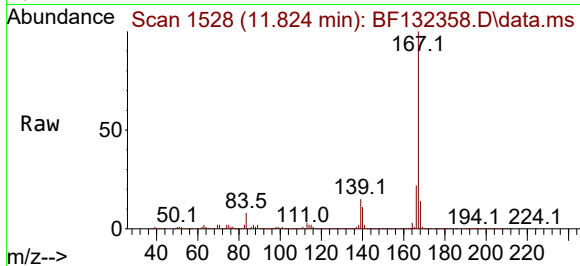




#73
 Carbazole
 Concen: 43.447 ng
 RT: 11.824 min Scan# 1528
 Delta R.T. -0.000 min
 Lab File: BF132358.D
 Acq: 08 Feb 2023 15:47

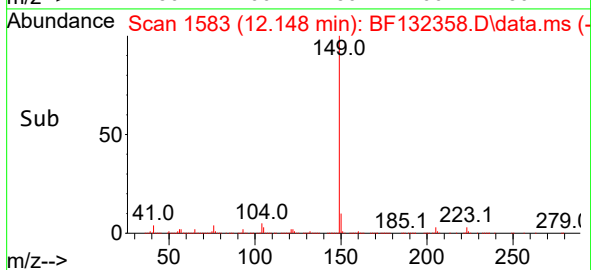
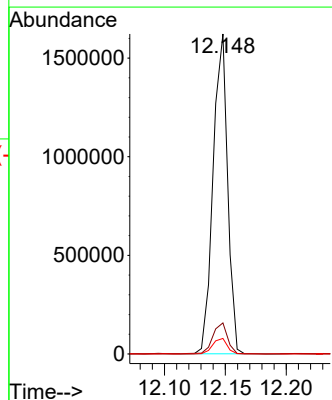
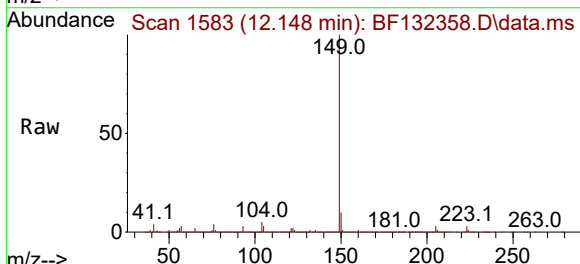
Instrument :
 BNA_F
 ClientSampleId :
 JPP-39-020723MS

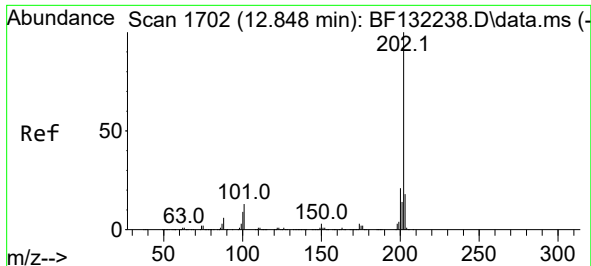
Tgt Ion:167 Resp: 1010991
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.5 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 48.782 ng
 RT: 12.148 min Scan# 1583
 Delta R.T. -0.000 min
 Lab File: BF132358.D
 Acq: 08 Feb 2023 15:47

Tgt Ion:149 Resp: 1341994
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 4.9 4.3 6.5

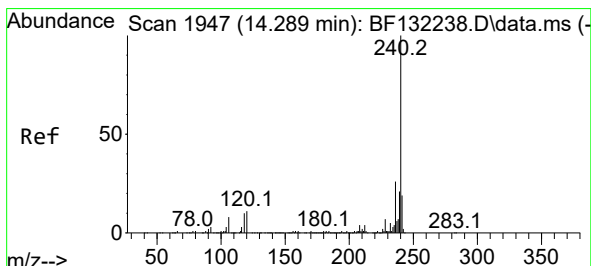
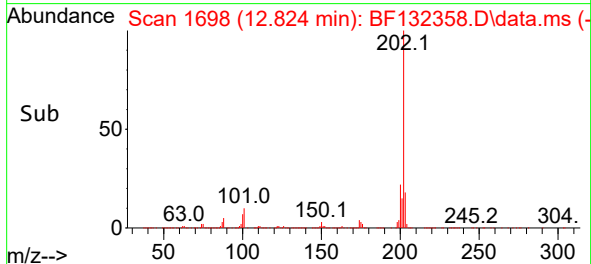
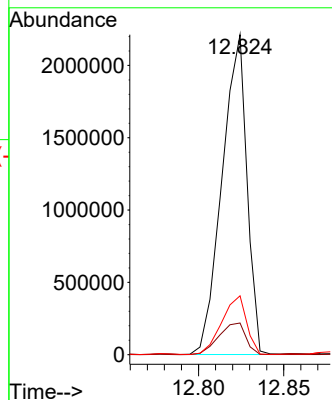
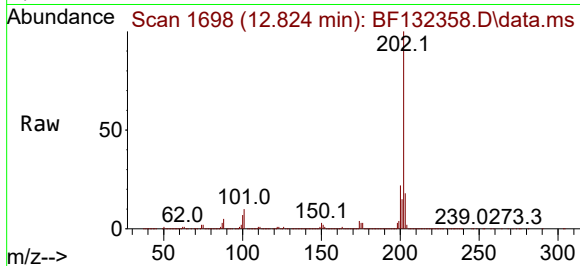




#75
Fluoranthene
Concen: 86.251 ng
RT: 12.824 min Scan# 1698
Delta R.T. 0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

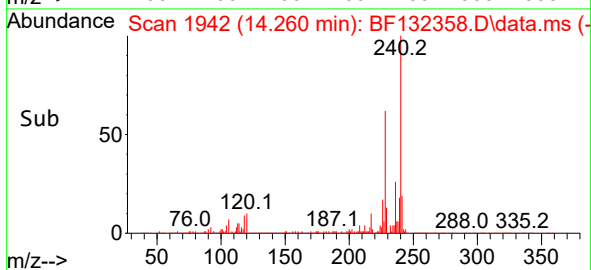
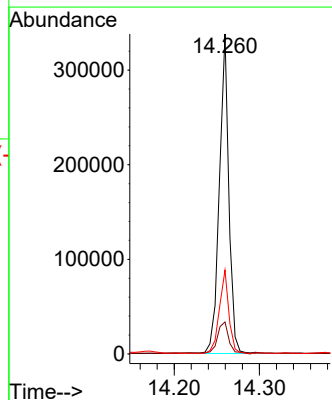
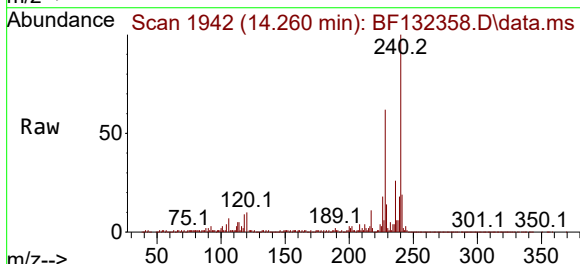
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

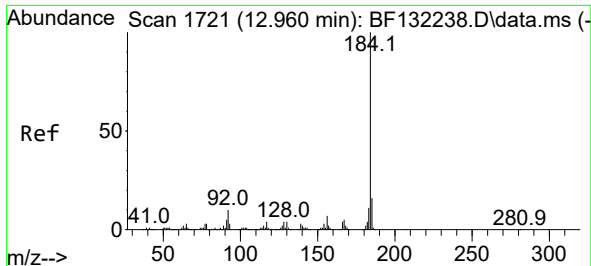
Tgt Ion:202 Resp: 2244486
Ion Ratio Lower Upper
202 100
101 9.9 0.0 32.7
203 18.4 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:240 Resp: 263521
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 26.2 21.0 31.6

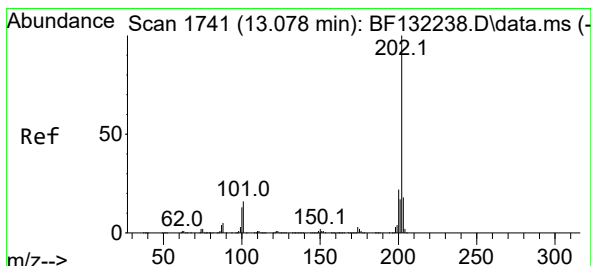
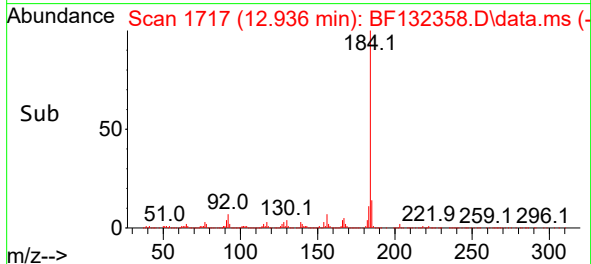
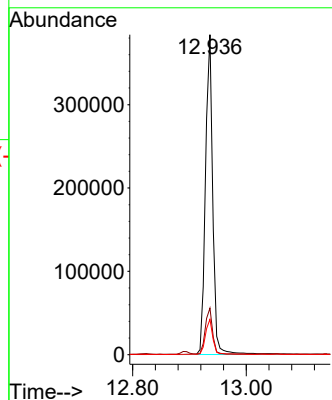
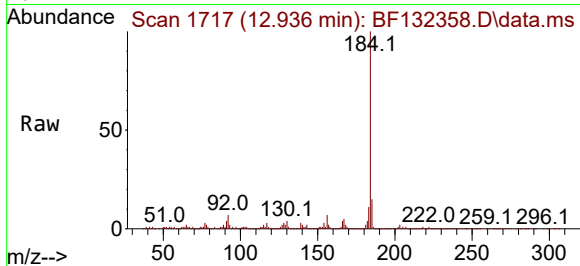




#77
Benzidine
Concen: 36.911 ng
RT: 12.936 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

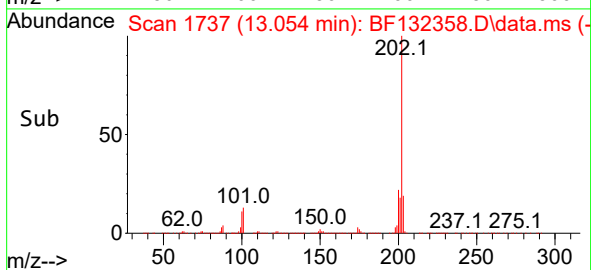
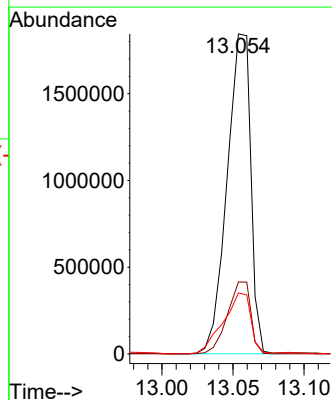
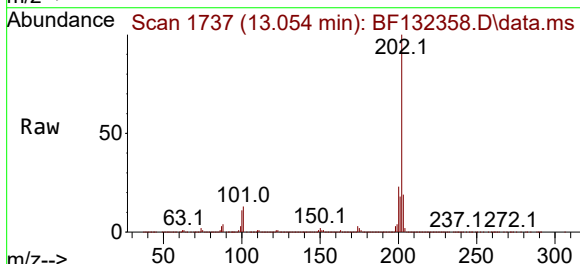
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

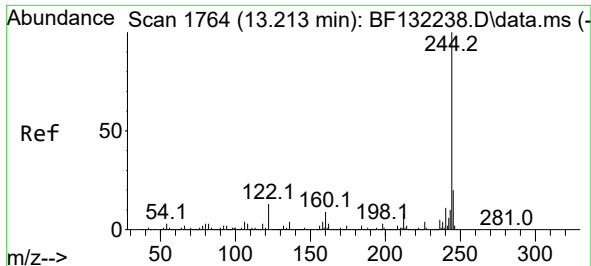
Tgt Ion:184 Resp: 340057
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.1 8.9 13.3



#78
Pyrene
Concen: 100.919 ng
RT: 13.054 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:202 Resp: 2139008
Ion Ratio Lower Upper
202 100
200 22.5 17.3 25.9
203 19.0 14.4 21.6

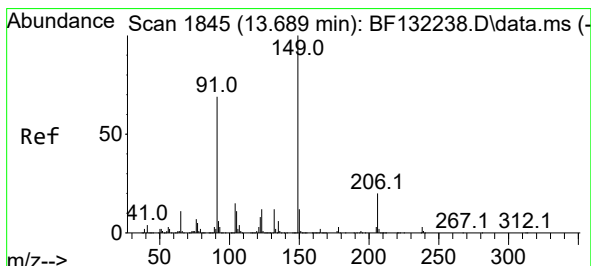
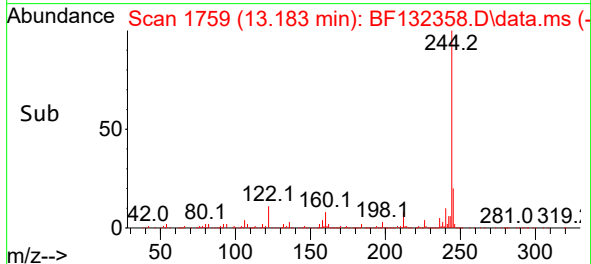
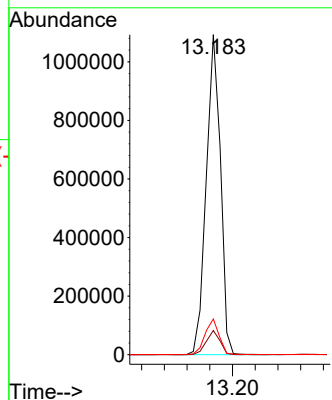
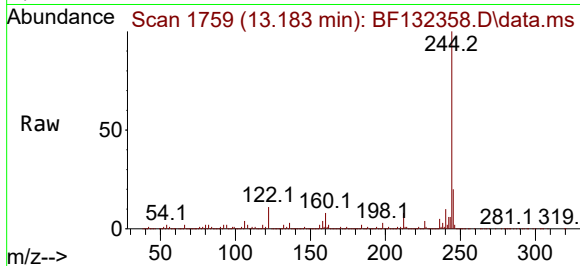




#79
 Terphenyl-d14
 Concen: 69.396 ng
 RT: 13.183 min Scan# 1764
 Delta R.T. -0.006 min
 Lab File: BF132358.D
 Acq: 08 Feb 2023 15:47

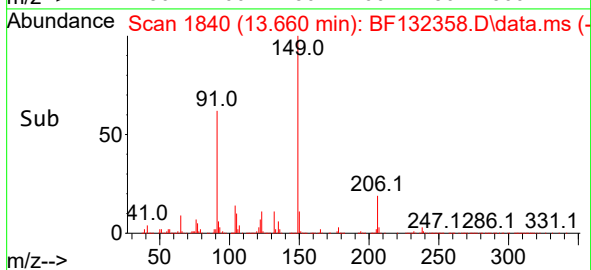
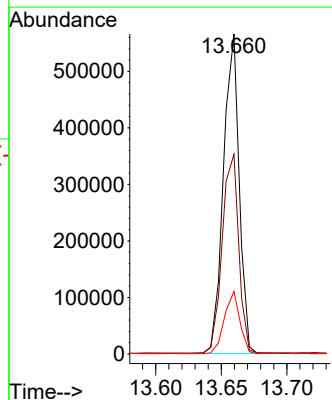
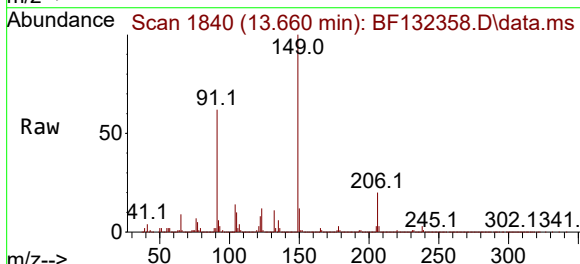
Instrument :
 BNA_F
 ClientSampleId :
 JPP-39-020723MS

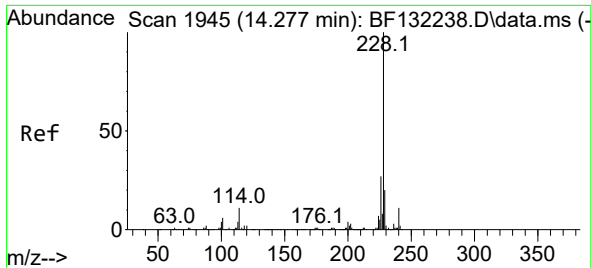
Tgt Ion:244 Resp: 945363
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 11.2 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 50.341 ng
 RT: 13.660 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF132358.D
 Acq: 08 Feb 2023 15:47

Tgt Ion:149 Resp: 471410
 Ion Ratio Lower Upper
 149 100
 91 62.4 55.0 82.6
 206 19.6 15.9 23.9

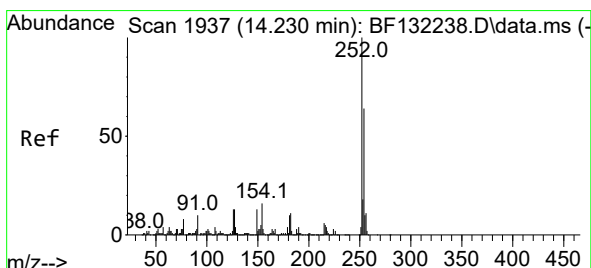
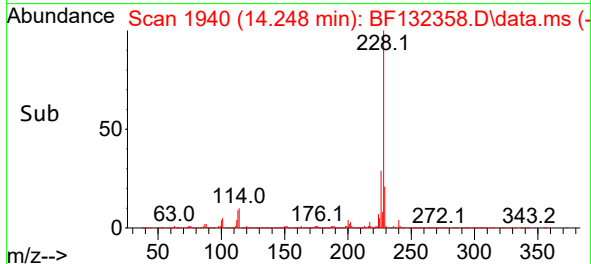
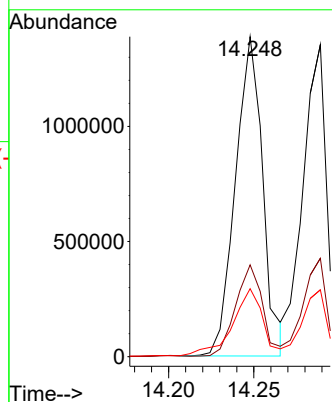
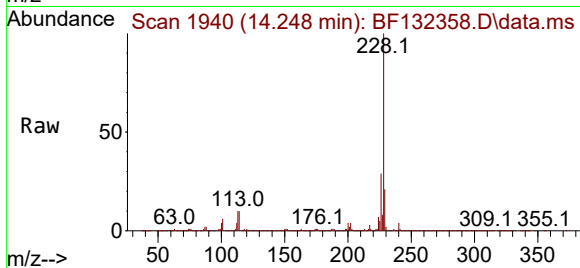




#81
Benzo(a)anthracene
Concen: 83.694 ng
RT: 14.248 min Scan# 1940
Delta R.T. 0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

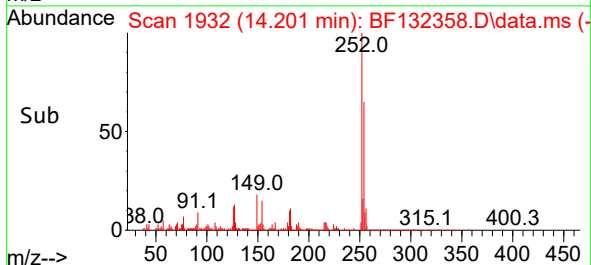
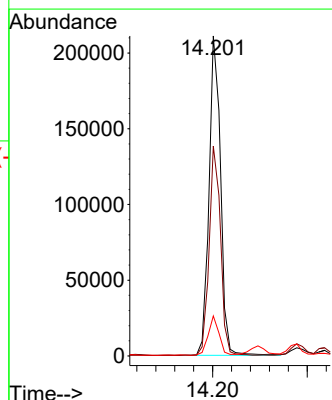
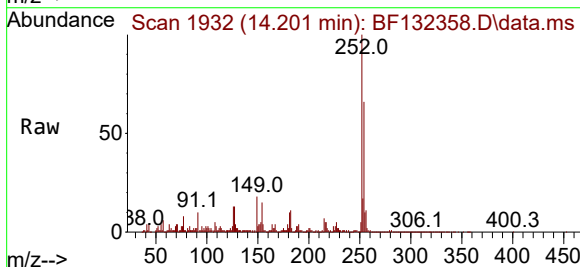
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

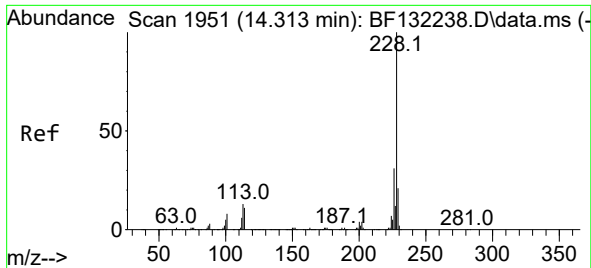
Tgt Ion:228 Resp: 1542568
Ion Ratio Lower Upper
228 100
226 28.7 22.0 33.0
229 21.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 30.203 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:252 Resp: 177300
Ion Ratio Lower Upper
252 100
254 65.6 51.6 77.4
126 12.5 10.5 15.7

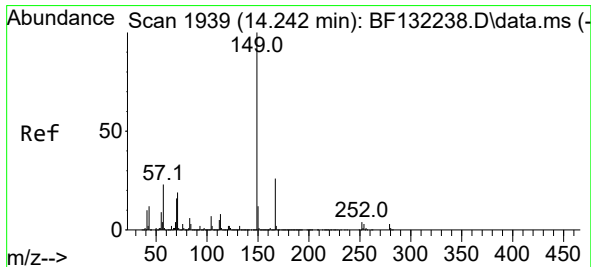
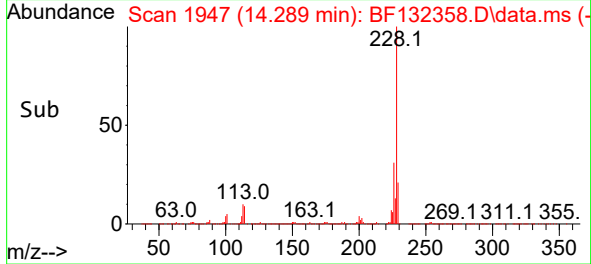
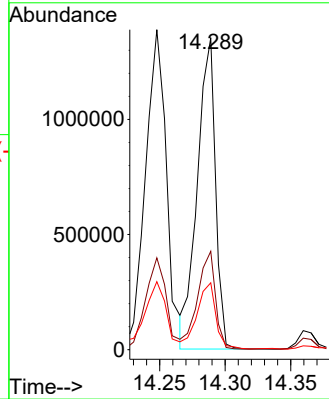
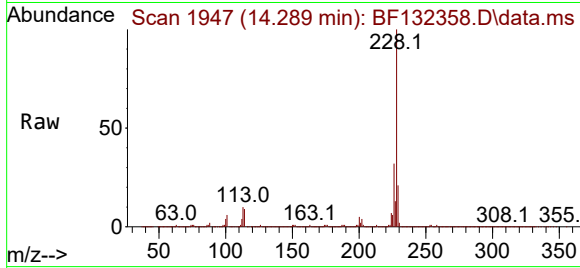




#83
Chrysene
Concen: 75.664 ng
RT: 14.289 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

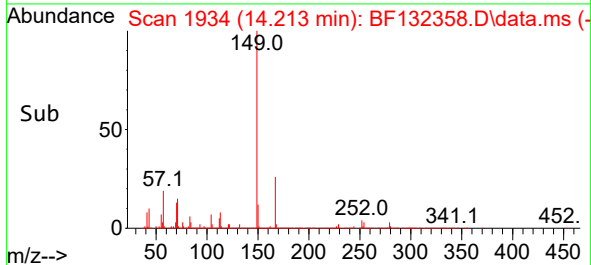
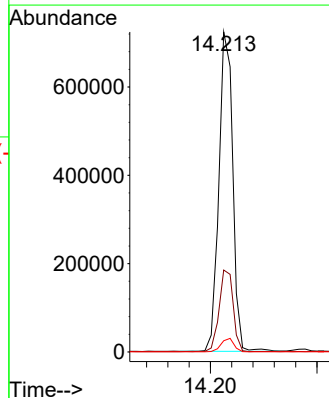
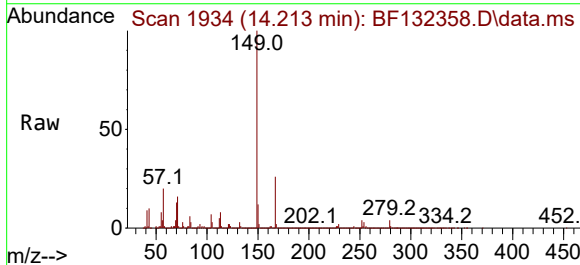
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

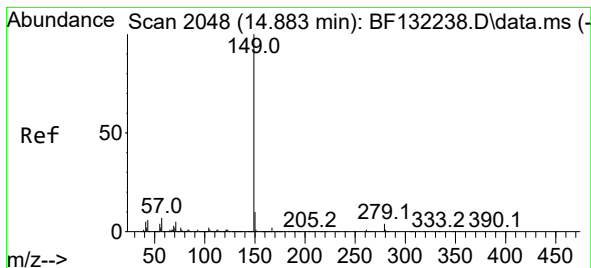
Tgt Ion:228 Resp: 1305844
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 21.5 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.459 ng
RT: 14.213 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:149 Resp: 651337
Ion Ratio Lower Upper
149 100
167 25.6 20.7 31.1
279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 51.495 ng

RT: 14.848 min Scan# 2042

Delta R.T. 0.006 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

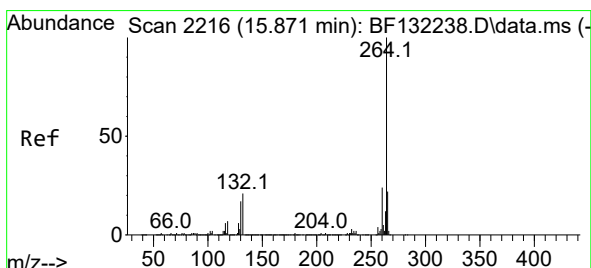
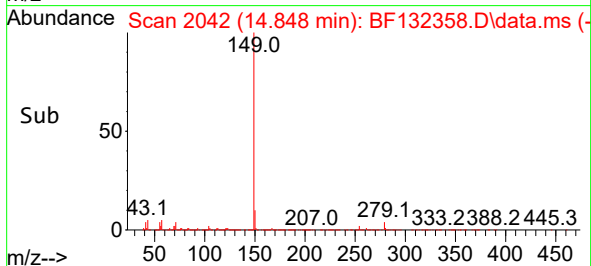
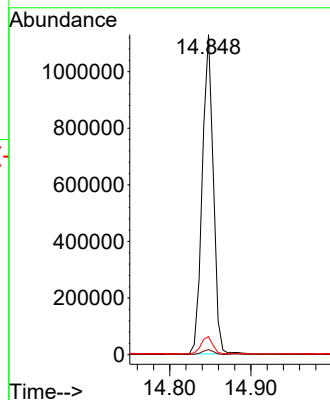
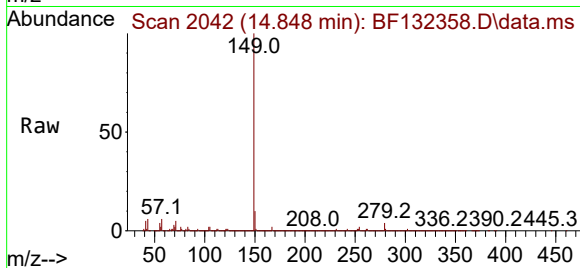
Tgt Ion:149 Resp: 1063116

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 5.7 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.830 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

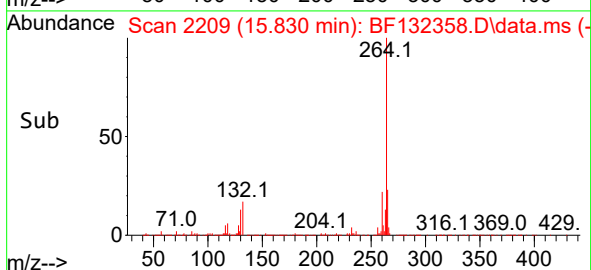
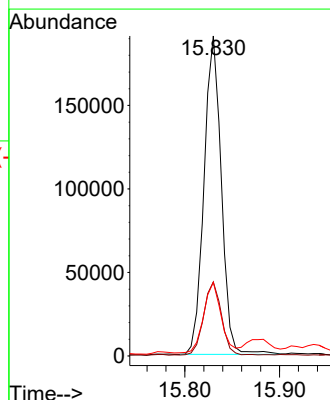
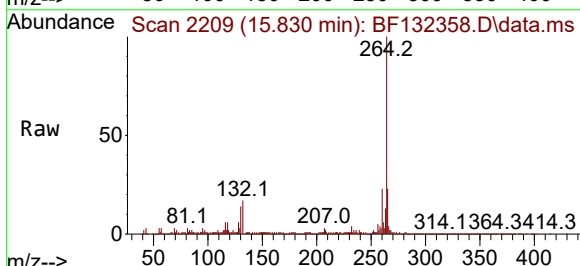
Tgt Ion:264 Resp: 242099

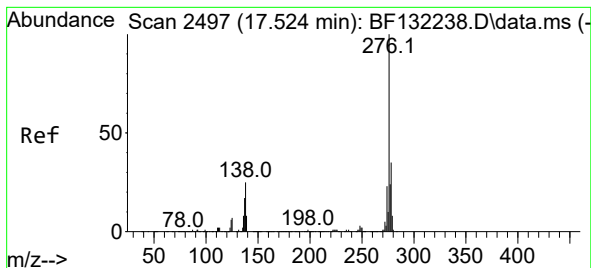
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 23.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.416 ng

RT: 17.465 min Scan# 24

Delta R.T. 0.012 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

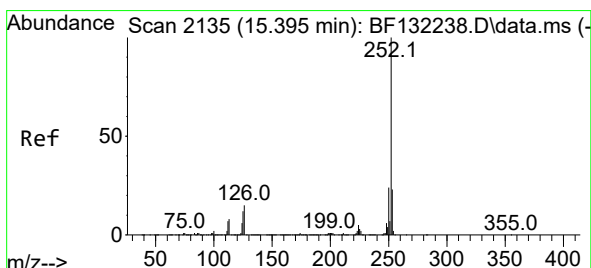
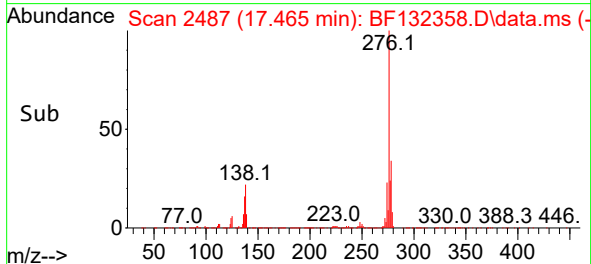
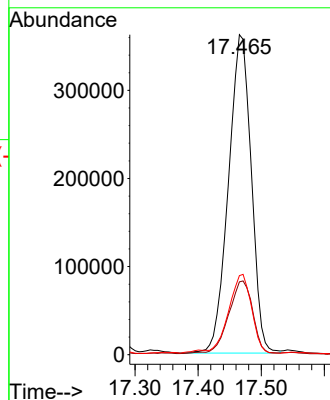
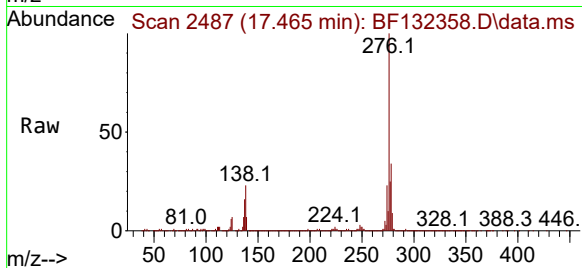
Tgt Ion:276 Resp: 907547

Ion Ratio Lower Upper

276 100

138 24.0 23.3 34.9

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 91.454 ng

RT: 15.365 min Scan# 2130

Delta R.T. 0.012 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

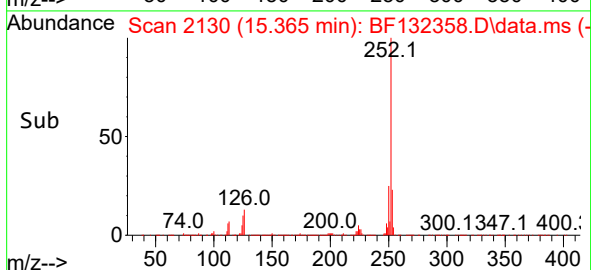
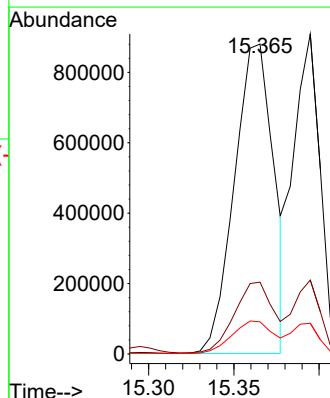
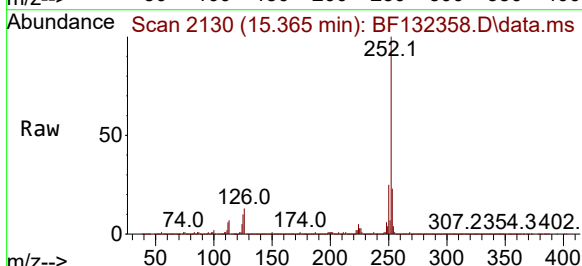
Tgt Ion:252 Resp: 1407375

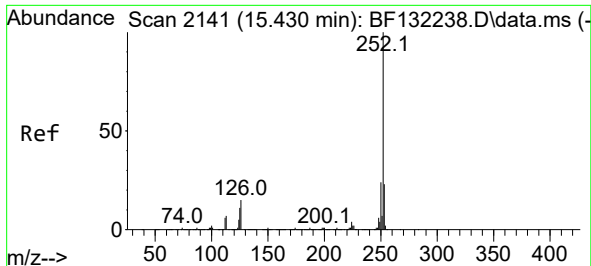
Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

125 10.4 9.6 14.4

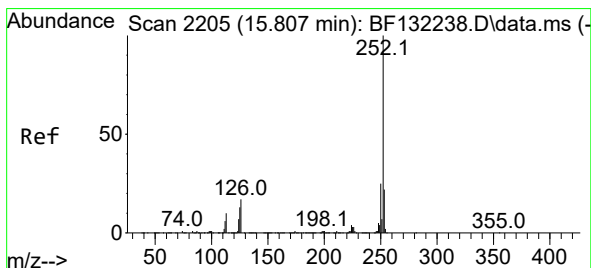
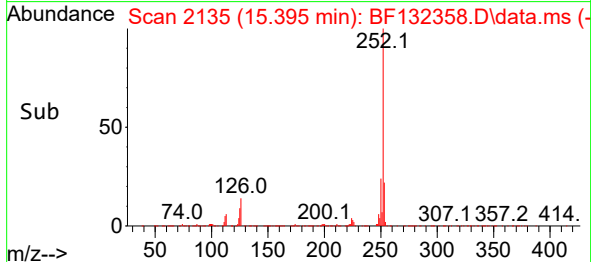
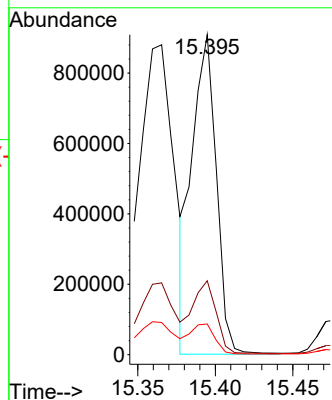
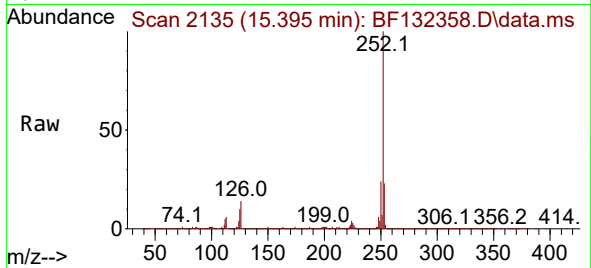




#89
Benzo(k)fluoranthene
Concen: 67.102 ng
RT: 15.395 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

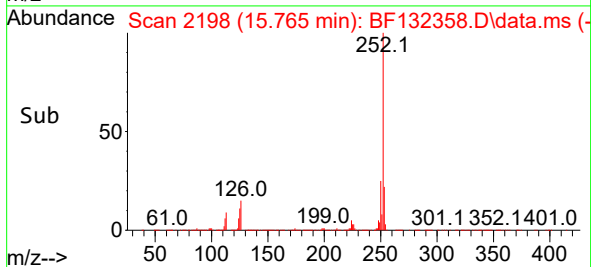
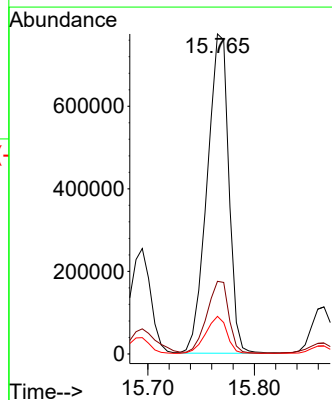
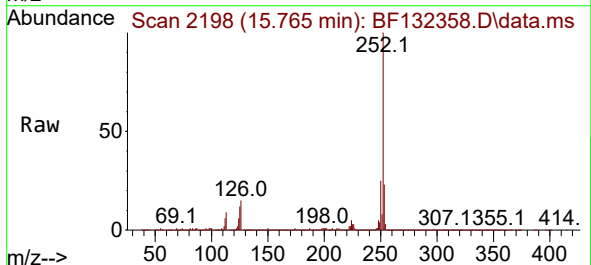
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MS

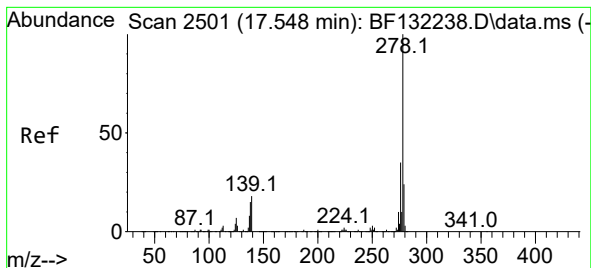
Tgt Ion:252 Resp: 985675
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 9.6 9.0 13.6



#90
Benzo(a)pyrene
Concen: 76.436 ng
RT: 15.765 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF132358.D
Acq: 08 Feb 2023 15:47

Tgt Ion:252 Resp: 1095334
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.8 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 45.559 ng

RT: 17.483 min Scan# 2490

Delta R.T. 0.012 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MS

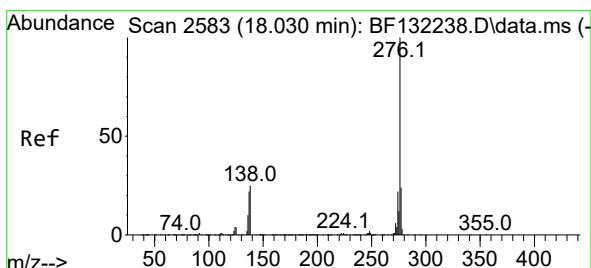
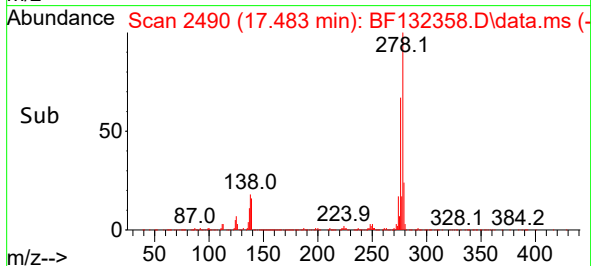
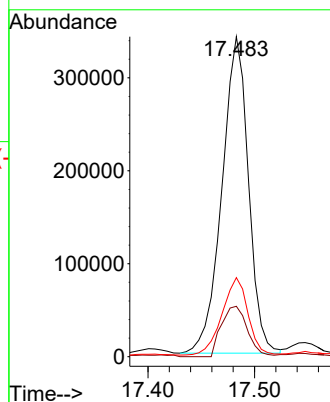
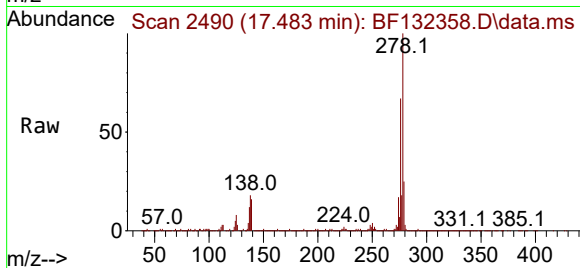
Tgt Ion:278 Resp: 589231

Ion Ratio Lower Upper

278 100

139 15.8 14.2 21.2

279 24.7 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 56.649 ng

RT: 17.965 min Scan# 2572

Delta R.T. 0.012 min

Lab File: BF132358.D

Acq: 08 Feb 2023 15:47

Tgt Ion:276 Resp: 756916

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 22.3 20.3 30.5

