

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131090.D
 Acq On : 09 Nov 2022 16:52
 Operator : CG\JU
 Sample : PB148687BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148687BS

Quant Time: Nov 10 04:30:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	88608	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	340531	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	179661	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	324878	20.000	ng	0.00
76) Chrysene-d12	14.074	240	212430	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	141329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	740642	142.148	ng	0.02
7) Phenol-d6	6.528	99	925727	135.899	ng	0.00
23) Nitrobenzene-d5	7.463	82	609487	80.754	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	254023	136.811	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1025067	79.648	ng	0.00
79) Terphenyl-d14	13.016	244	1169335	96.513	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	93334	36.392	ng	98
3) Pyridine	3.522	79	259312	36.823	ng	98
4) n-Nitrosodimethylamine	3.487	42	183306	45.124	ng	96
6) Aniline	6.557	93	365436	43.701	ng	99
8) 2-Chlorophenol	6.681	128	283186	47.244	ng	98
9) Benzaldehyde	6.445	77	134104	30.253	ng	95
10) Phenol	6.540	94	356274	44.741	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	270854	47.543	ng	95
12) 1,3-Dichlorobenzene	6.834	146	298428	44.770	ng	98
13) 1,4-Dichlorobenzene	6.910	146	299816	44.279	ng	97
14) 1,2-Dichlorobenzene	7.063	146	288070	45.929	ng	98
15) Benzyl Alcohol	7.040	79	245760	47.172	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	458656	48.015	ng	99
17) 2-Methylphenol	7.145	107	219759	43.835	ng	99
18) Hexachloroethane	7.404	117	115179	45.619	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	198737	44.435	ng	98
20) 3+4-Methylphenols	7.298	107	274133	43.765	ng	93
22) Acetophenone	7.310	105	388830	45.627	ng	98
24) Nitrobenzene	7.481	77	314062	42.957	ng	99
25) Isophorone	7.722	82	543757	46.595	ng	97
26) 2-Nitrophenol	7.798	139	145300	44.790	ng	98
27) 2,4-Dimethylphenol	7.828	122	243542	48.954	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	319872	48.366	ng	99
29) 2,4-Dichlorophenol	8.039	162	227656	42.803	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	241348	42.080	ng	97
31) Naphthalene	8.204	128	769713	41.367	ng	99
32) Benzoic acid	7.963	122	147198	42.870	ng	96
33) 4-Chloroaniline	8.251	127	260281	34.886	ng	98
34) Hexachlorobutadiene	8.310	225	160056	40.841	ng	98
35) Caprolactam	8.628	113	38319	23.502	ng	93
36) 4-Chloro-3-methylphenol	8.734	107	249818	42.445	ng	99
37) 2-Methylnaphthalene	8.892	142	480143	40.031	ng	99
38) 1-Methylnaphthalene	8.992	142	463030	39.419	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	249648	42.553	ng	98
41) Hexachlorocyclopentadiene	9.039	237	267753	116.969	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	163964	42.586	ng	99

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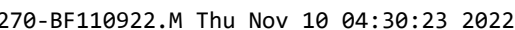
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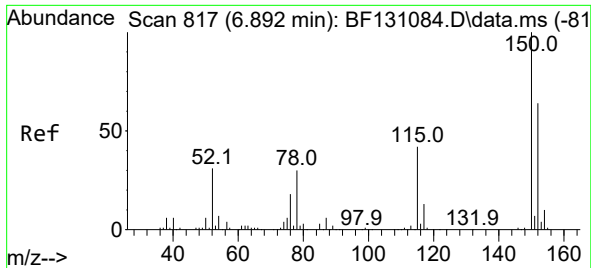
Quant Time: Nov 10 04:30:18 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	179263	41.615	ng	95
46) 1,1'-Biphenyl	9.357	154	603653	43.456	ng	99
47) 2-Chloronaphthalene	9.386	162	473927	42.043	ng	98
48) 2-Nitroaniline	9.481	65	178029	43.395	ng	97
49) Acenaphthylene	9.804	152	722967	41.973	ng	99
50) Dimethylphthalate	9.663	163	545371	42.674	ng	100
51) 2,6-Dinitrotoluene	9.728	165	124221	44.229	ng	# 83
52) Acenaphthene	9.975	154	429502	41.803	ng	99
53) 3-Nitroaniline	9.898	138	108418	33.764	ng	99
54) 2,4-Dinitrophenol	10.010	184	144987	98.351	ng	96
55) Dibenzofuran	10.145	168	648970	42.651	ng	98
56) 4-Nitrophenol	10.063	139	198191	92.735	ng	97
57) 2,4-Dinitrotoluene	10.133	165	168393	45.103	ng	93
58) Fluorene	10.492	166	517384	41.866	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	143443	43.306	ng	100
60) Diethylphthalate	10.363	149	536483	43.588	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	247408	43.018	ng	99
62) 4-Nitroaniline	10.516	138	135731	41.828	ng	97
63) Azobenzene	10.639	77	549937	42.688	ng	100
65) 4,6-Dinitro-2-methylph...	10.539	198	93701	44.859	ng	84
66) n-Nitrosodiphenylamine	10.598	169	473234	43.329	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	157021	42.743	ng	97
68) Hexachlorobenzene	11.033	284	177368	43.322	ng	97
69) Atrazine	11.127	200	161613	47.800	ng	96
70) Pentachlorophenol	11.233	266	174908	83.517	ng	98
71) Phenanthrene	11.457	178	758084	42.427	ng	98
72) Anthracene	11.510	178	774965	44.688	ng	99
73) Carbazole	11.663	167	708467	45.940	ng	99
74) Di-n-butylphthalate	11.986	149	808425	46.478	ng	100
75) Fluoranthene	12.645	202	831146	46.470	ng	99
77) Benzidine	12.769	184	330527	52.740	ng	99
78) Pyrene	12.880	202	852881	46.796	ng	99
80) Butylbenzylphthalate	13.492	149	319110	48.904	ng	99
81) Benzo(a)anthracene	14.068	228	666948	43.925	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	179228	41.357	ng	99
83) Chrysene	14.104	228	621669	43.353	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	352620	50.060	ng	100
85) Di-n-octyl phthalate	14.663	149	438453	49.085	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	423613	37.548	ng	99
88) Benzo(b)fluoranthene	15.127	252	513544	51.395	ng	99
89) Benzo(k)fluoranthene	15.163	252	439709	45.784	ng	97
90) Benzo(a)pyrene	15.504	252	400151	49.951	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	358628	39.050	ng	# 96
92) Benzo(g,h,i)perylene	17.545	276	402147	41.147	ng	98

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

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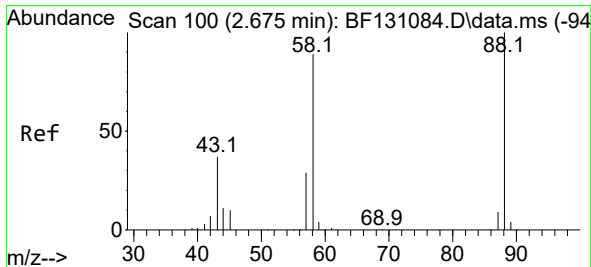
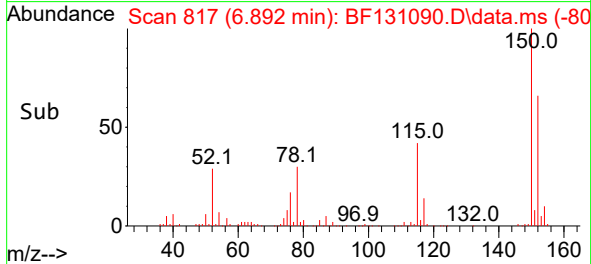
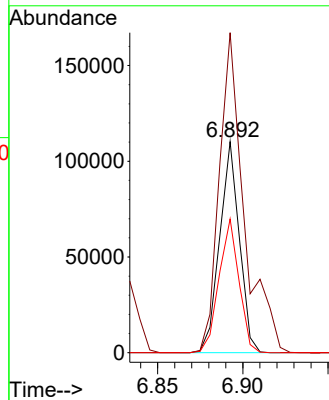
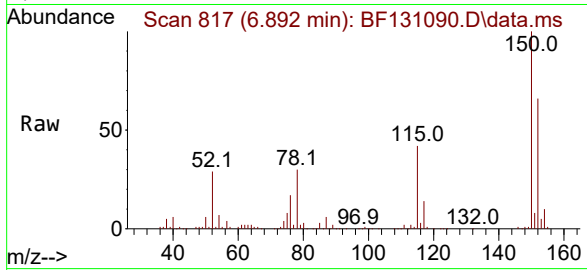




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131090.D
 Acq: 09 Nov 2022 16:52

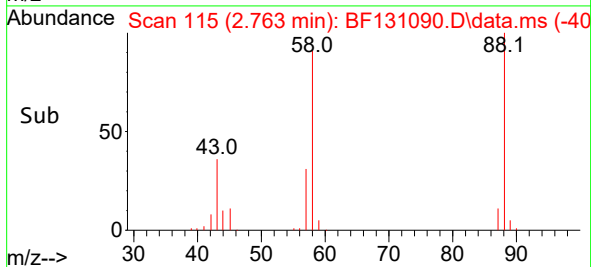
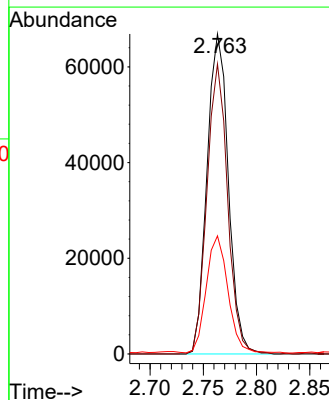
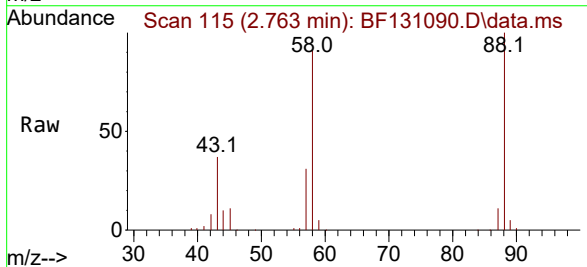
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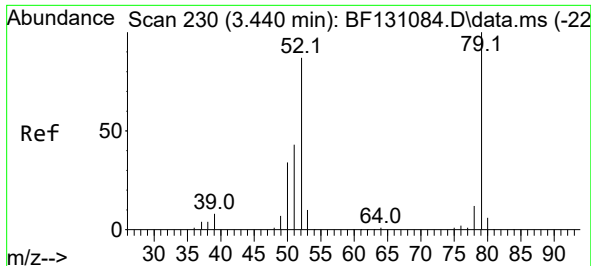
Tgt Ion:152 Resp: 88608
 Ion Ratio Lower Upper
 152 100
 150 151.6 125.5 188.3
 115 63.4 52.2 78.2



#2
 1,4-Dioxane
 Concen: 36.392 ng
 RT: 2.763 min Scan# 115
 Delta R.T. 0.088 min
 Lab File: BF131090.D
 Acq: 09 Nov 2022 16:52

Tgt Ion: 88 Resp: 93334
 Ion Ratio Lower Upper
 88 100
 58 87.7 68.5 102.7
 43 37.1 28.6 42.8





#3

Pyridine

Concen: 36.823 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.082 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

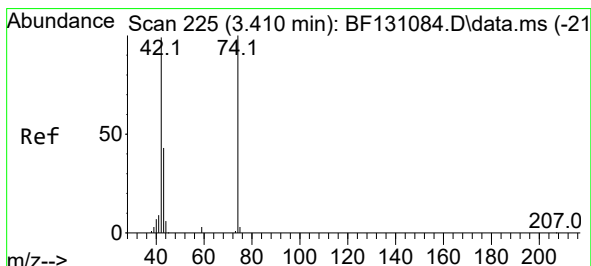
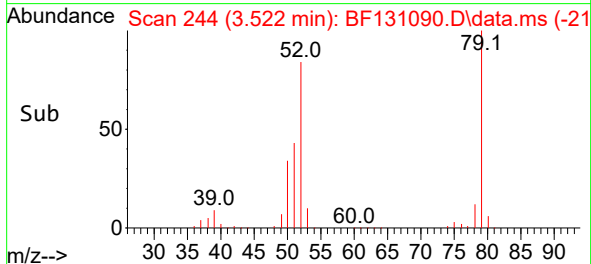
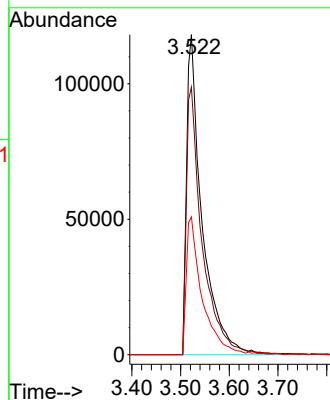
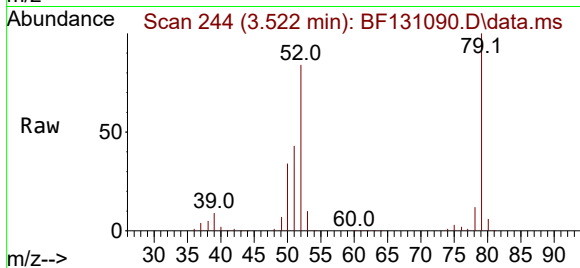
Tgt Ion: 79 Resp: 259312

Ion Ratio Lower Upper

79 100

52 83.6 69.4 104.2

51 43.0 34.2 51.4



#4

n-Nitrosodimethylamine

Concen: 45.124 ng

RT: 3.487 min Scan# 238

Delta R.T. 0.077 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

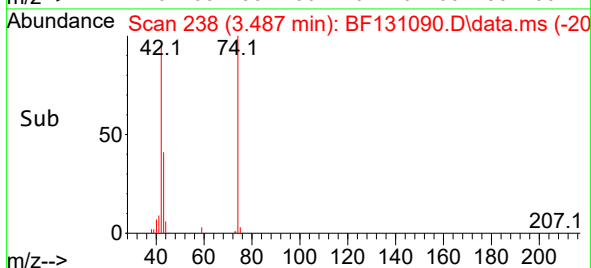
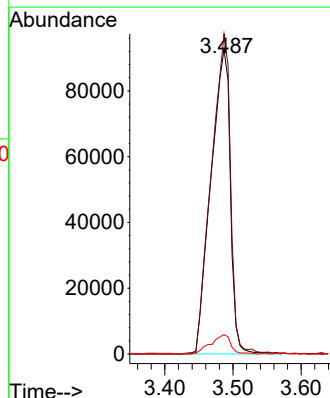
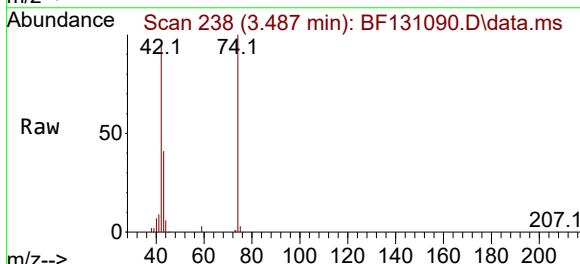
Tgt Ion: 42 Resp: 183306

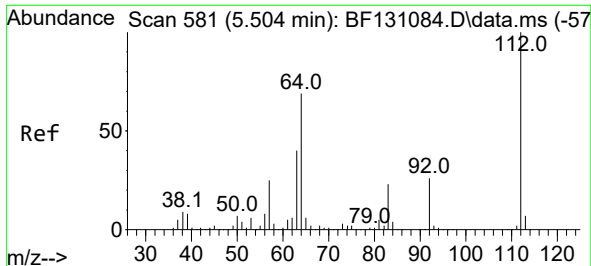
Ion Ratio Lower Upper

42 100

74 105.1 81.0 121.4

44 6.3 5.0 7.4

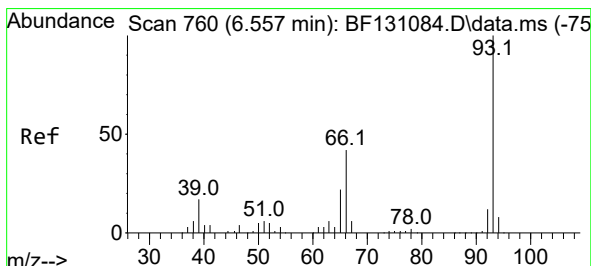
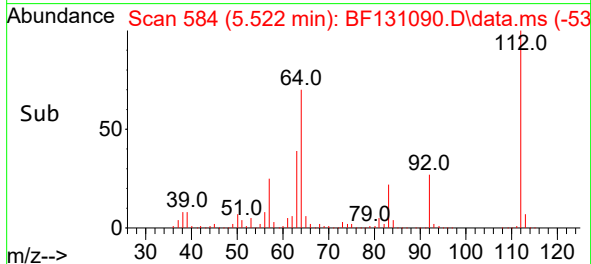
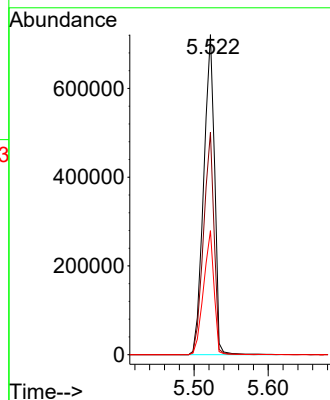
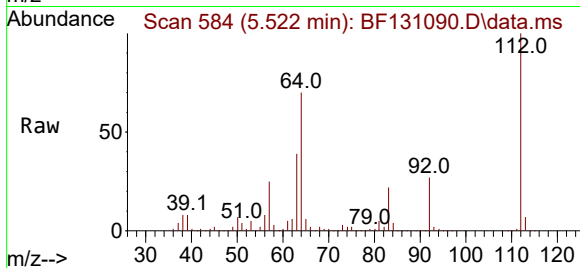




#5
2-Fluorophenol
Concen: 142.148 ng
RT: 5.522 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

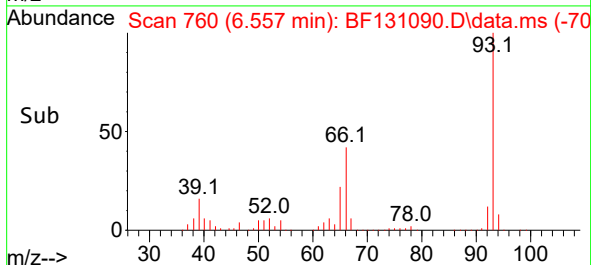
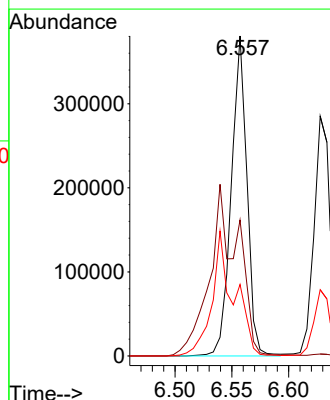
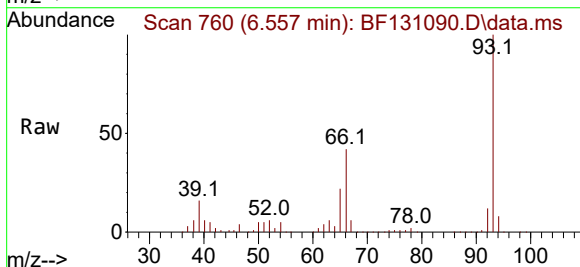
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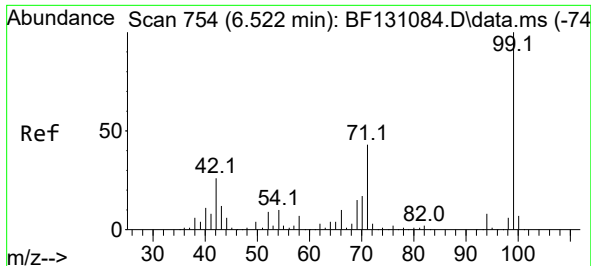
Tgt Ion:112 Resp: 740642
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 38.7 32.4 48.6



#6
Aniline
Concen: 43.701 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion: 93 Resp: 365436
Ion Ratio Lower Upper
93 100
66 42.5 34.4 51.6
65 22.3 17.6 26.4

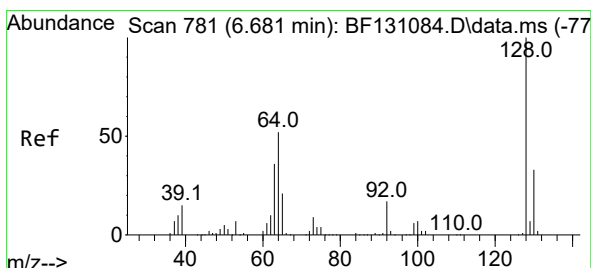
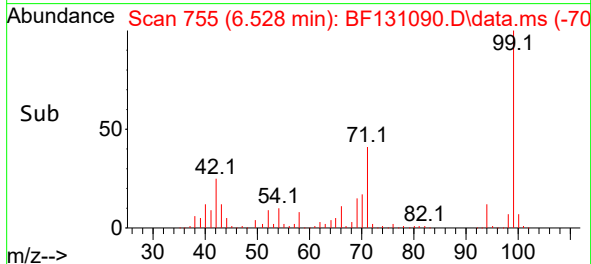
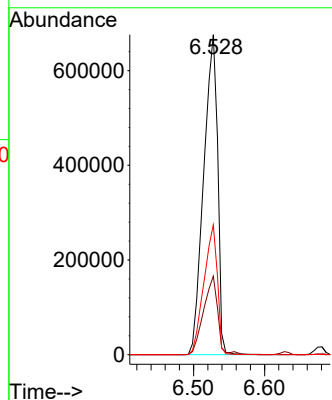
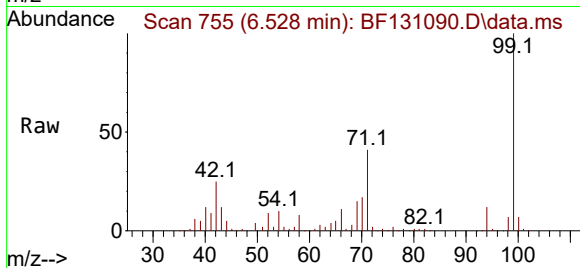




#7
Phenol-d6
Concen: 135.899 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

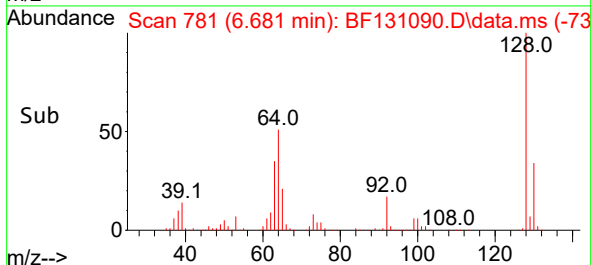
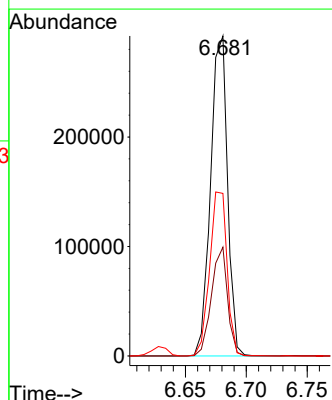
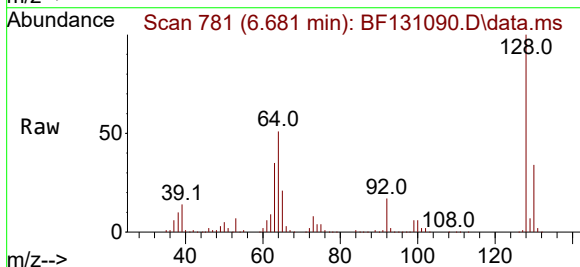
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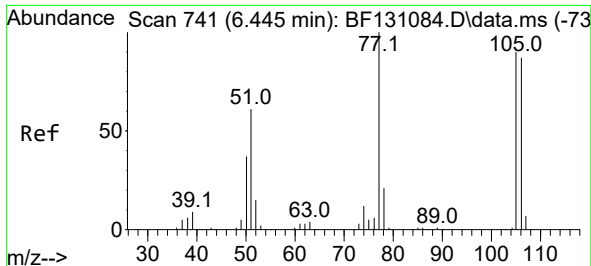
Tgt Ion: 99 Resp: 925727
Ion Ratio Lower Upper
99 100
42 24.6 20.8 31.2
71 40.5 34.2 51.4



#8
2-Chlorophenol
Concen: 47.244 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:128 Resp: 283186
Ion Ratio Lower Upper
128 100
130 34.0 13.1 53.1
64 50.8 32.0 72.0

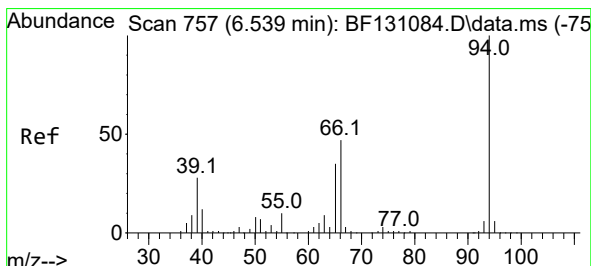
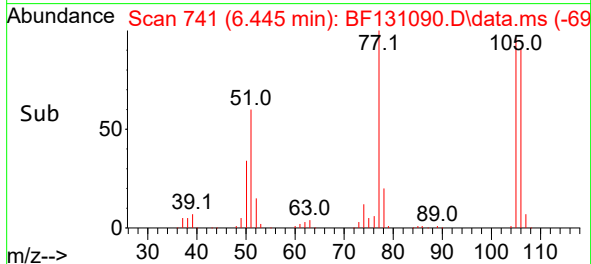
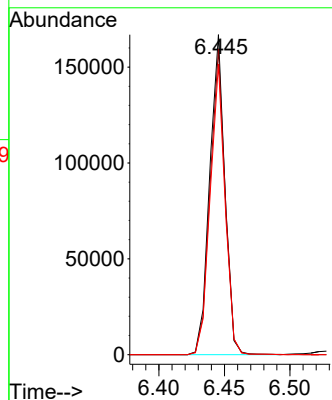
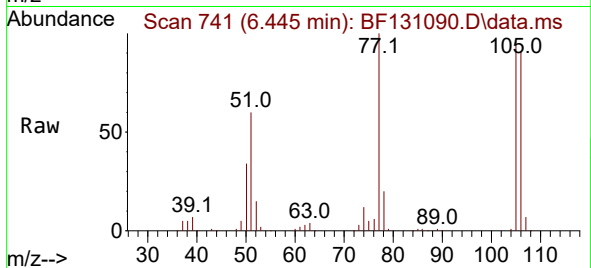




#9
Benzaldehyde
Concen: 30.253 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

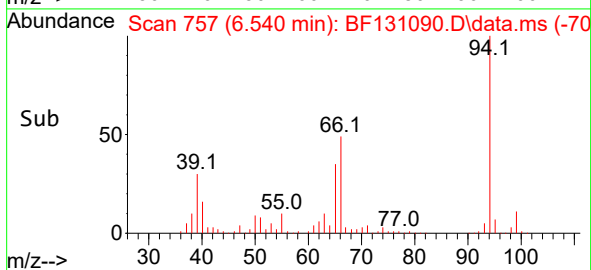
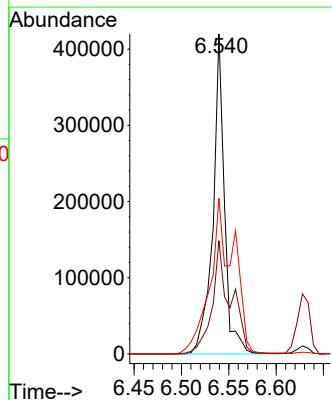
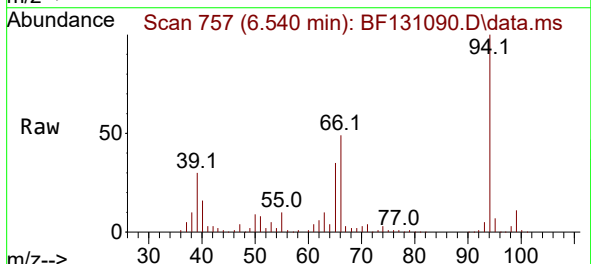
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ClientSampleId :
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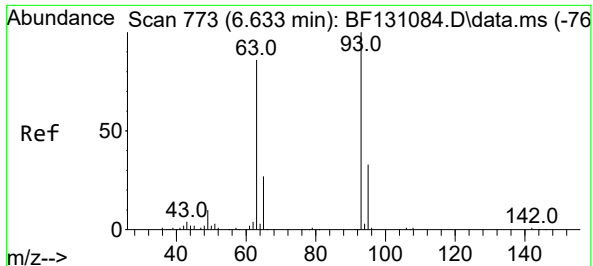
Tgt Ion: 77 Resp: 134104
Ion Ratio Lower Upper
77 100
105 95.5 70.1 110.1
106 90.8 67.3 107.3



#10
Phenol
Concen: 44.741 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion: 94 Resp: 356274
Ion Ratio Lower Upper
94 100
65 35.4 14.8 54.8
66 48.6 27.5 67.5

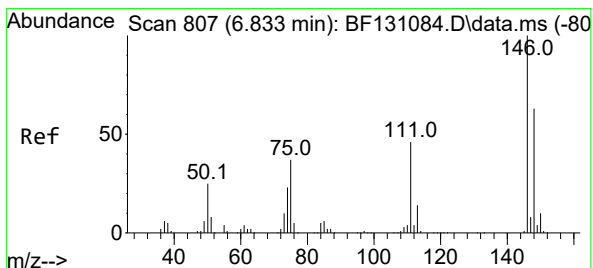
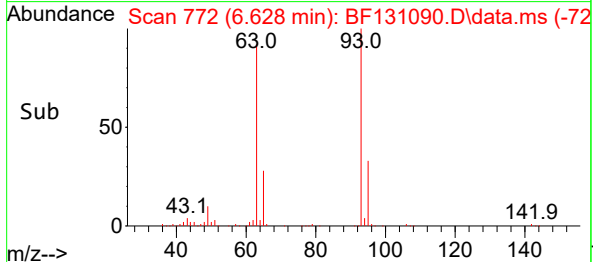
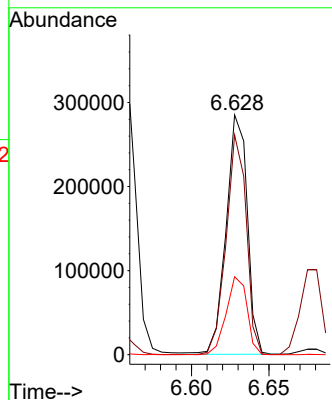
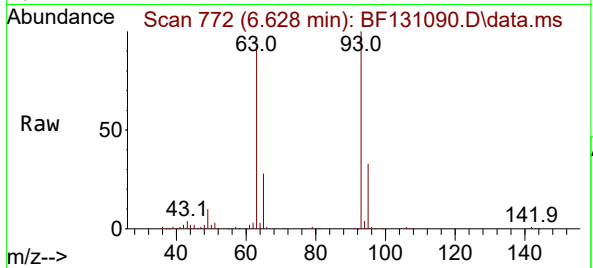




#11
bis(2-Chloroethyl)ether
Concen: 47.543 ng
RT: 6.628 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

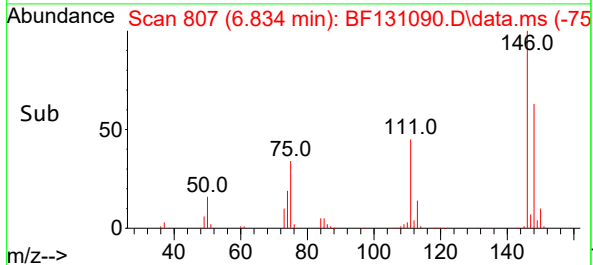
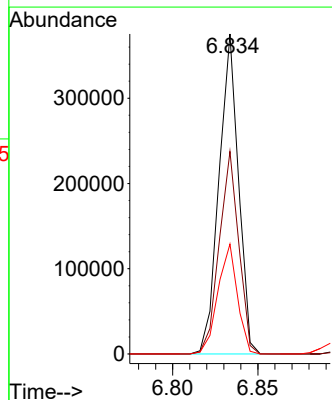
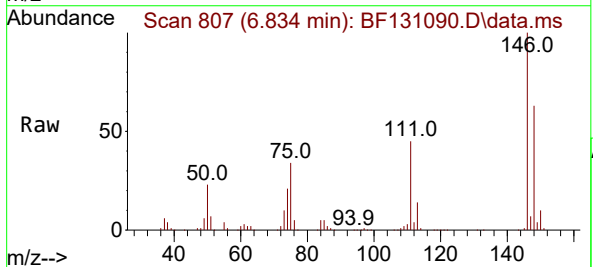
Instrument :
BNA_F
ClientSampleId :
PB148687BS

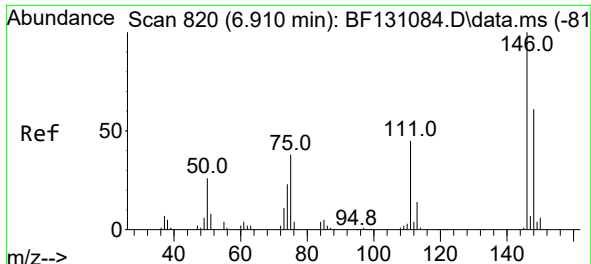
Tgt Ion: 93 Resp: 270854
Ion Ratio Lower Upper
93 100
63 91.6 65.3 105.3
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.770 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:146 Resp: 298428
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
75 34.3 29.8 44.6

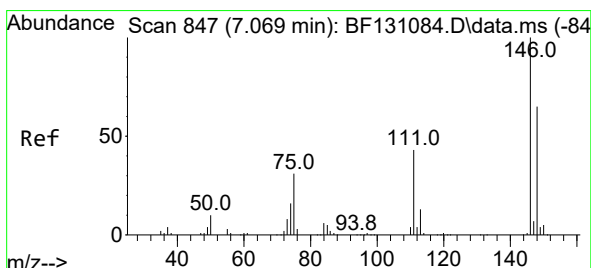
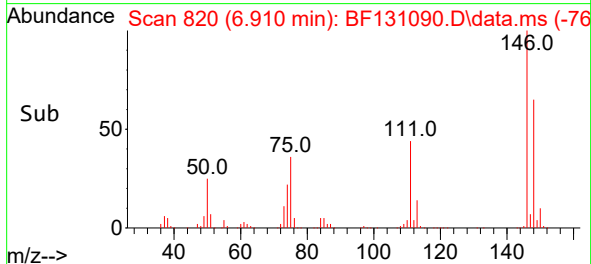
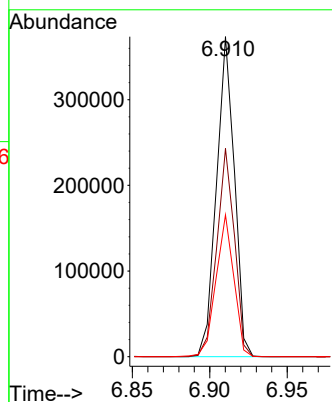
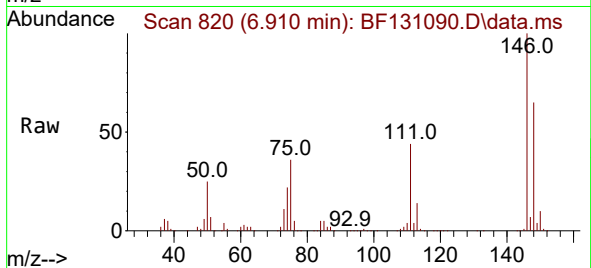




#13
1,4-Dichlorobenzene
Concen: 44.279 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

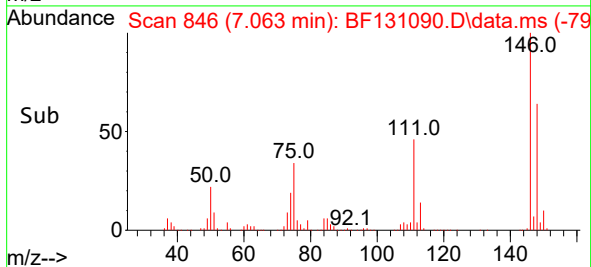
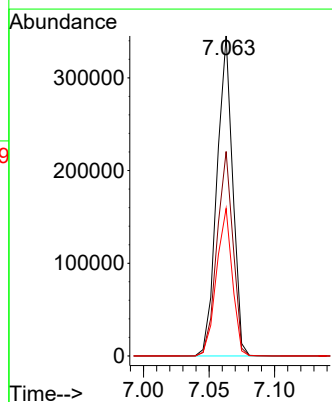
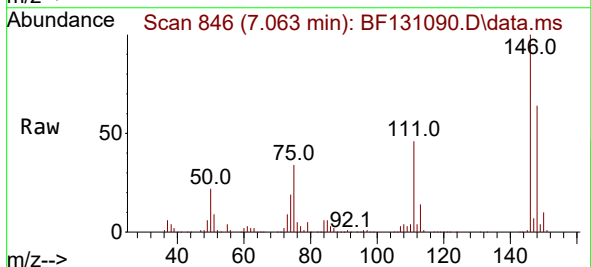
Instrument :
BNA_F
ClientSampleId :
PB148687BS

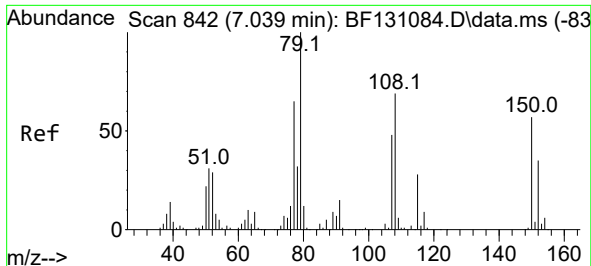
Tgt Ion:146 Resp: 299816
Ion Ratio Lower Upper
146 100
148 65.1 49.0 73.6
111 44.3 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 45.929 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:146 Resp: 288070
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 46.1 34.8 52.2





#15

Benzyl Alcohol

Concen: 47.172 ng

RT: 7.040 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

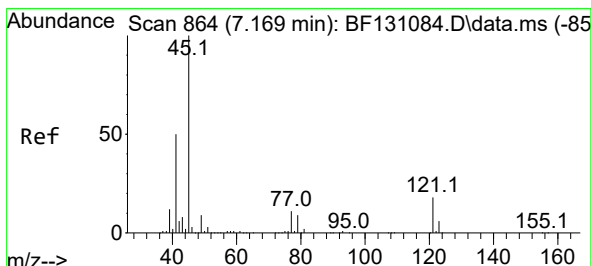
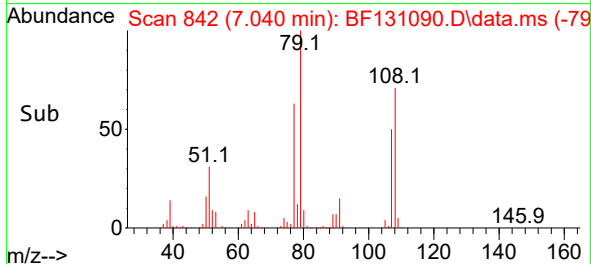
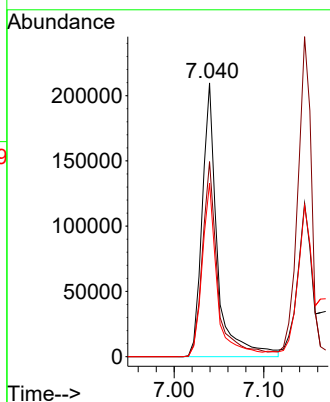
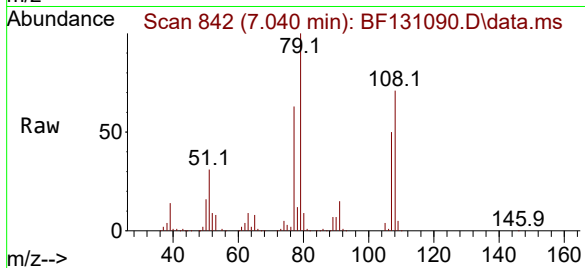
Tgt Ion: 79 Resp: 245760

Ion Ratio Lower Upper

79 100

108 71.3 55.5 83.3

77 63.4 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.015 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

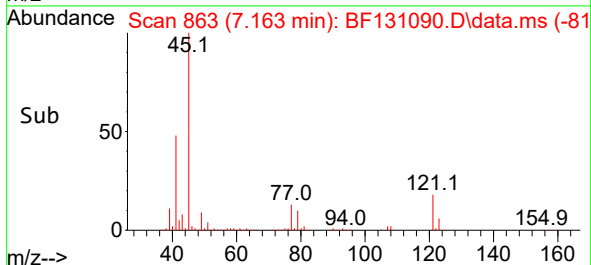
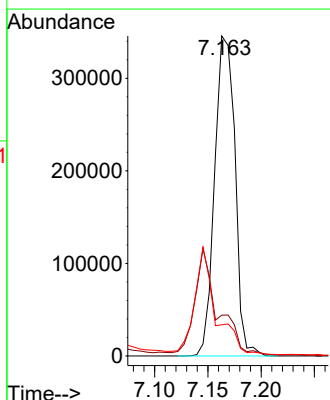
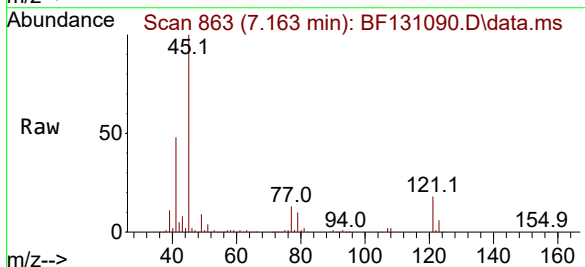
Tgt Ion: 45 Resp: 458656

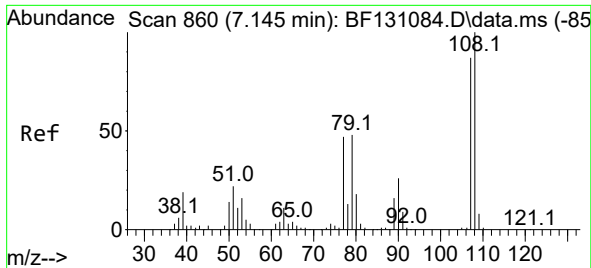
Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.5

79 9.7 0.0 30.3

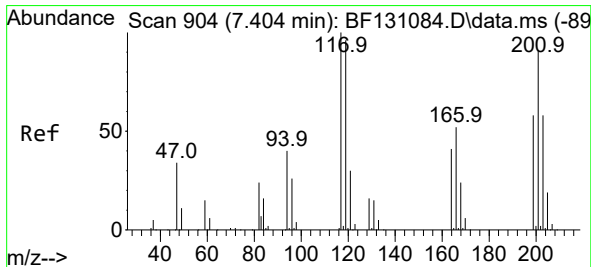
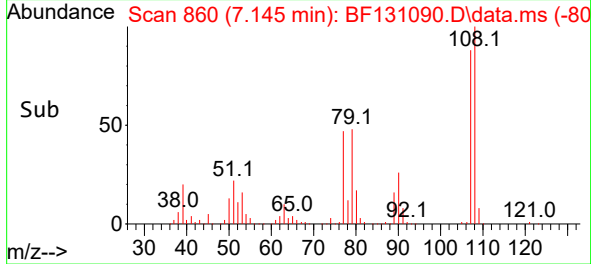
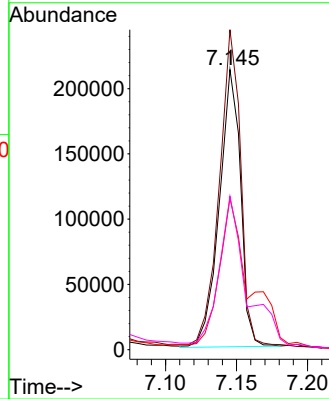
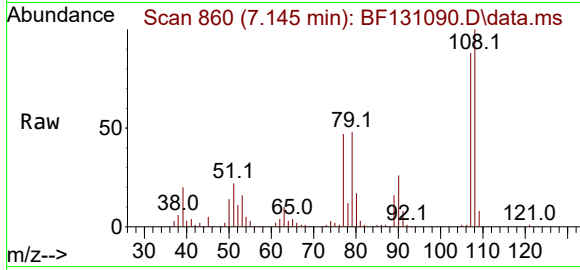




#17
2-Methylphenol
Concen: 43.835 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

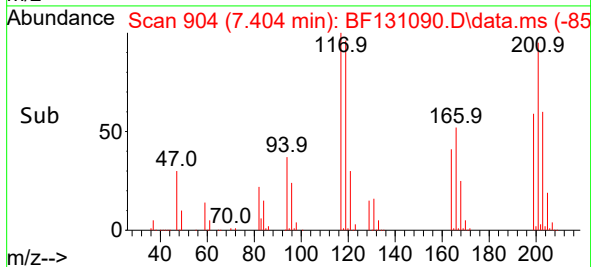
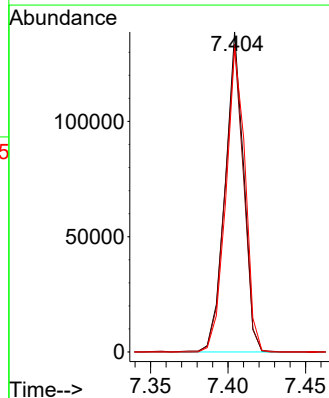
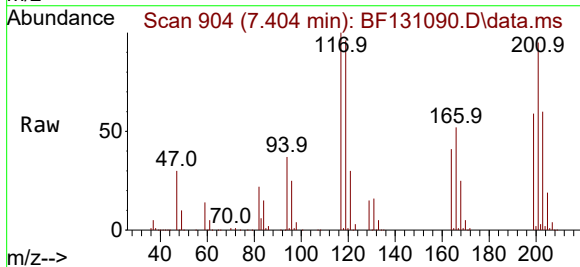
Instrument :
BNA_F
ClientSampleId :
PB148687BS

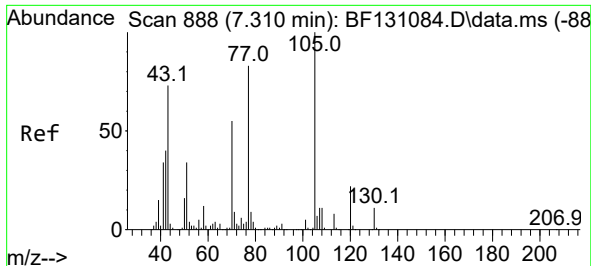
Tgt Ion:	107	Resp:	219759
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.8	137.6
77	54.0	44.2	66.2
79	54.8	45.3	67.9



#18
Hexachloroethane
Concen: 45.619 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:	117	Resp:	115179
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.4
201	94.9	72.6	109.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.435 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

Tgt Ion: 70 Resp: 198737

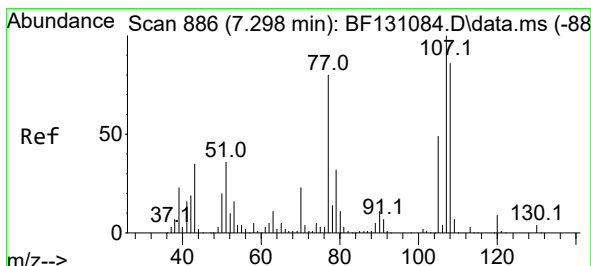
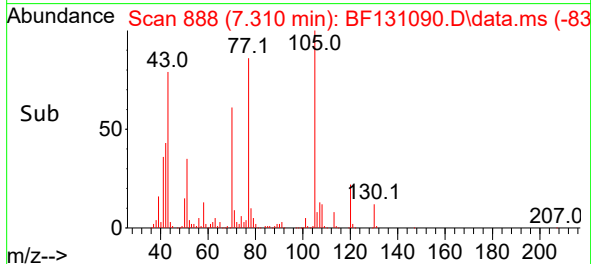
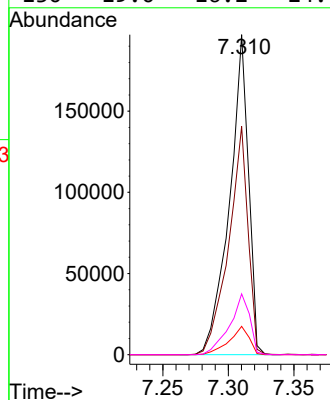
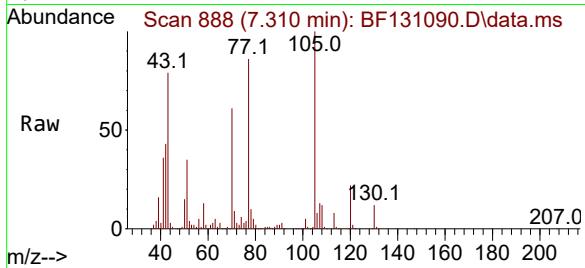
Ion Ratio Lower Upper

70 100

42 71.4 58.3 87.5

101 8.9 7.4 11.2

130 19.0 16.2 24.4



#20

3+4-Methylphenols

Concen: 43.765 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Tgt Ion: 107 Resp: 274133

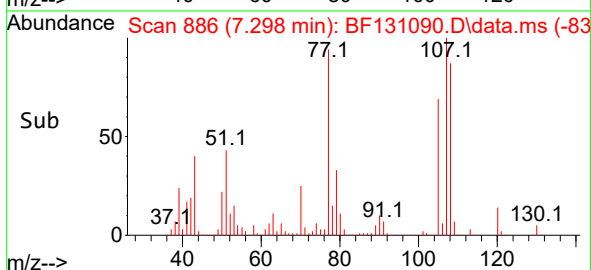
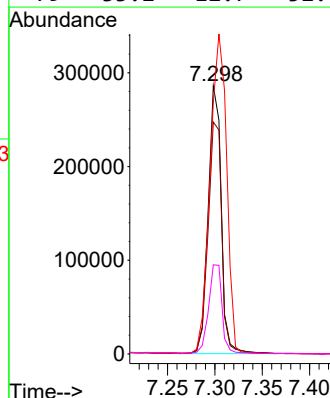
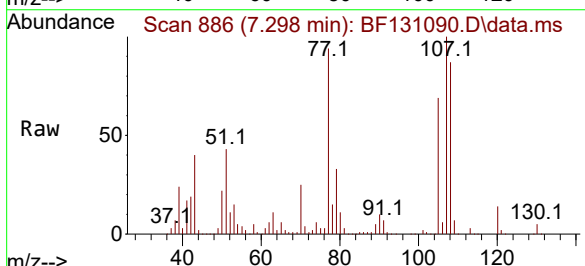
Ion Ratio Lower Upper

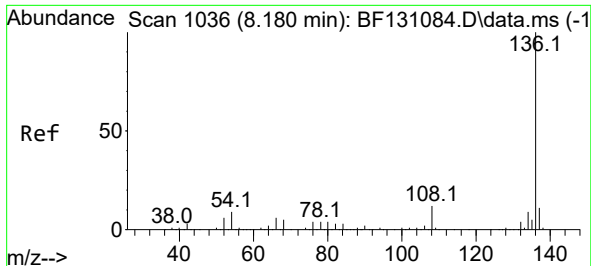
107 100

108 86.5 66.3 106.3

77 93.8 59.9 99.9

79 33.2 12.7 52.7

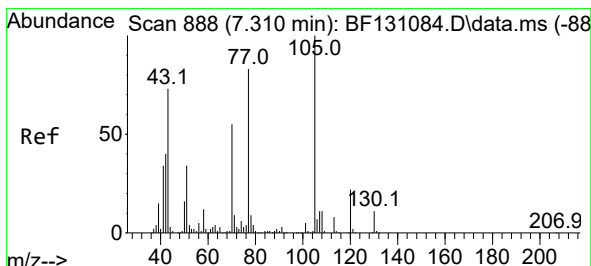
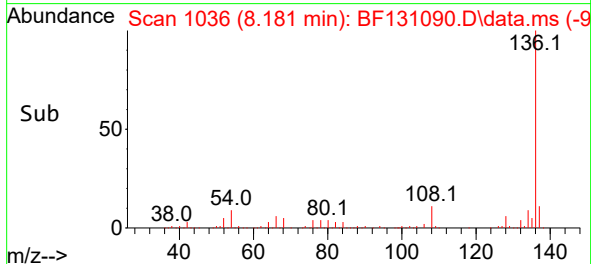
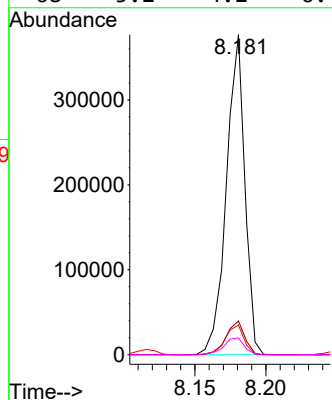
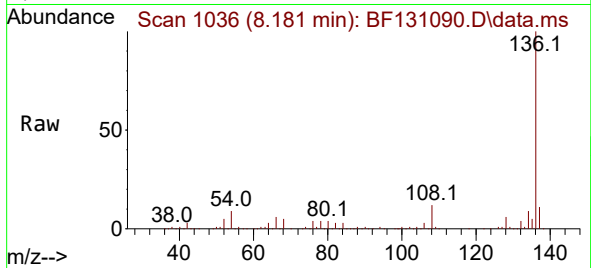




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.001 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

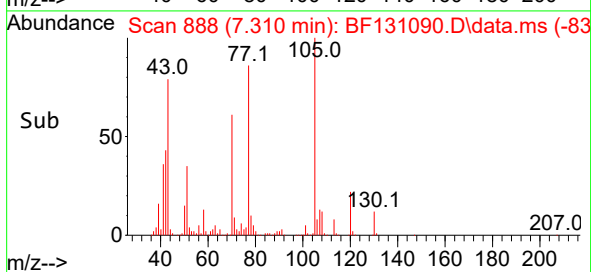
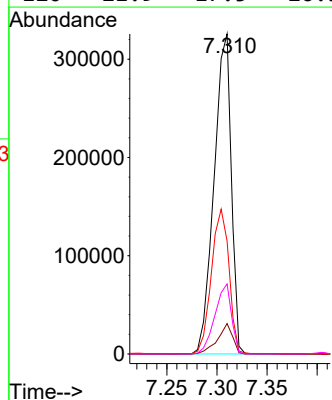
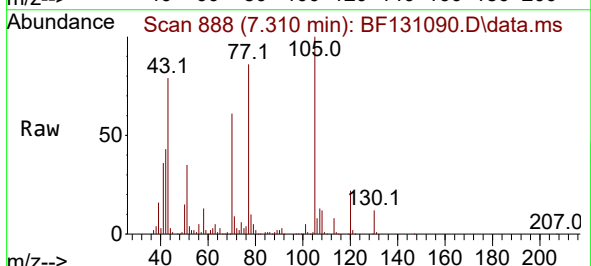
Instrument :
BNA_F
ClientSampleId :
PB148687BS

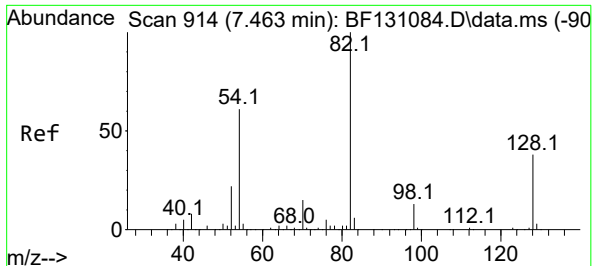
Tgt Ion:136 Resp: 340531
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.2 7.2 10.8
68 5.2 4.2 6.4



#22
Acetophenone
Concen: 45.627 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:105 Resp: 388830
Ion Ratio Lower Upper
105 100
71 9.5 7.0 10.4
51 35.3 27.0 40.6
120 21.9 17.5 26.3





#23

Nitrobenzene-d5

Concen: 80.754 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

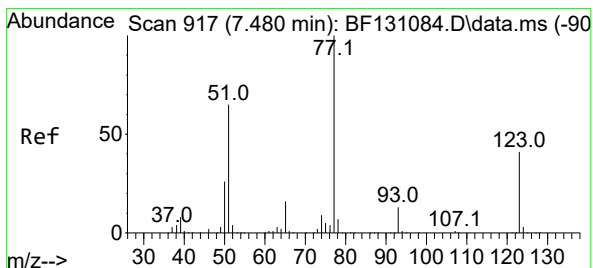
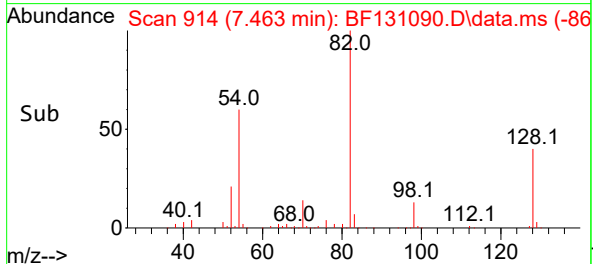
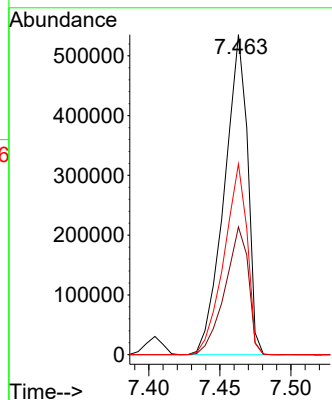
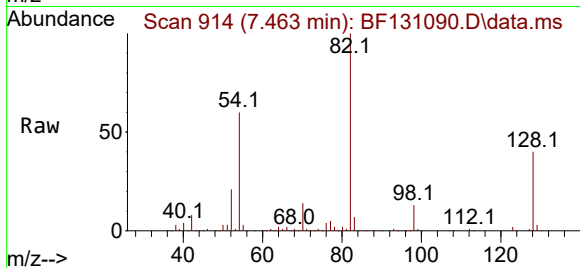
Tgt Ion: 82 Resp: 609487

Ion Ratio Lower Upper

82 100

128 39.9 30.5 45.7

54 59.6 49.1 73.7



#24

Nitrobenzene

Concen: 42.957 ng

RT: 7.481 min Scan# 917

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

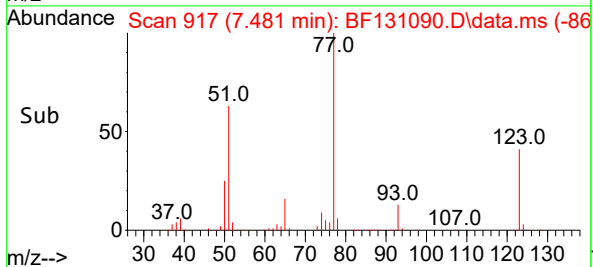
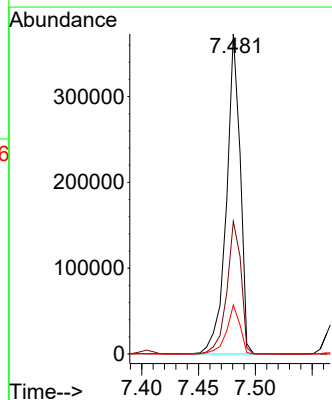
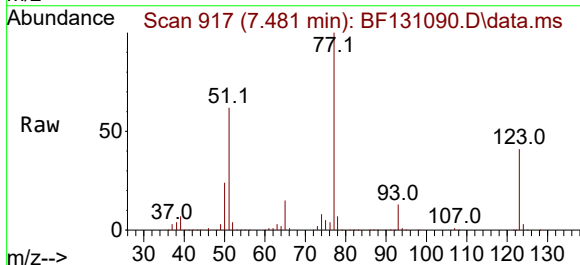
Tgt Ion: 77 Resp: 314062

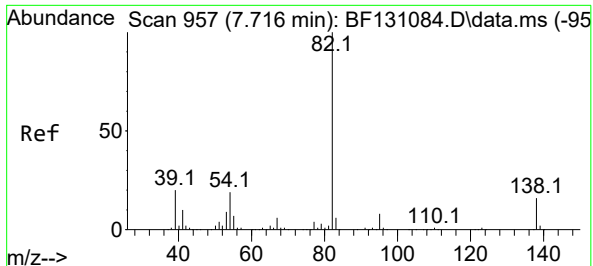
Ion Ratio Lower Upper

77 100

123 41.5 32.8 49.2

65 15.3 12.4 18.6

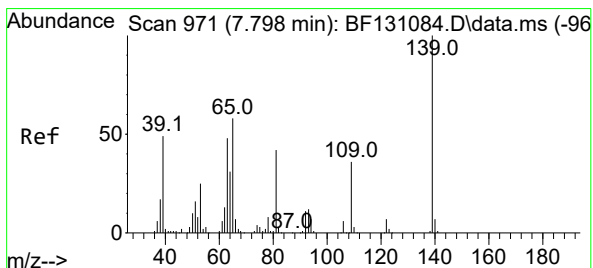
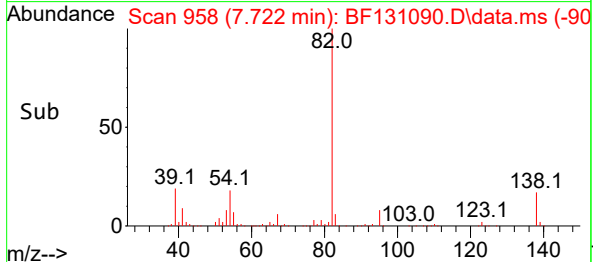
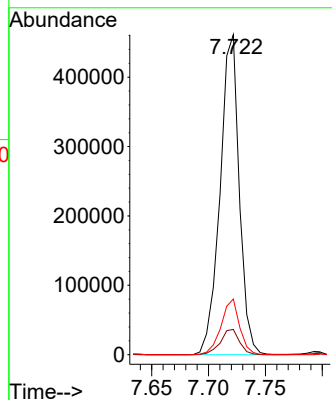
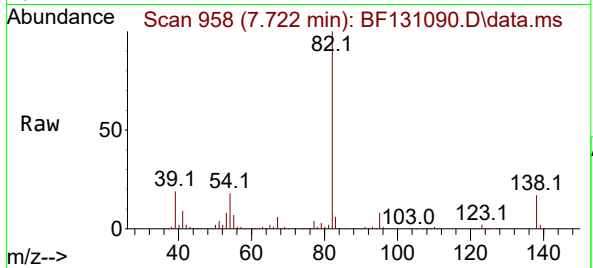




#25
Isophorone
Concen: 46.595 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

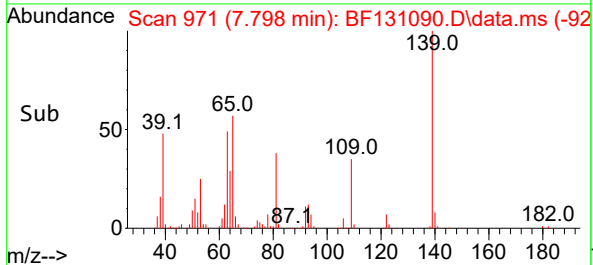
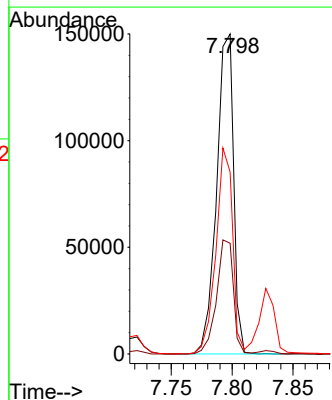
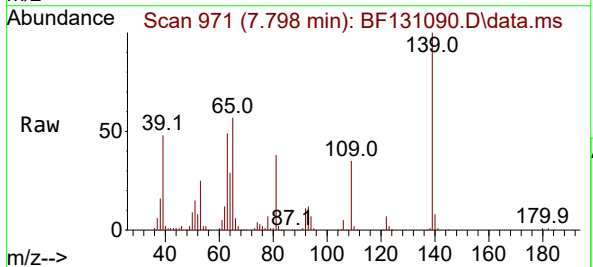
Instrument :
BNA_F
ClientSampleId :
PB148687BS

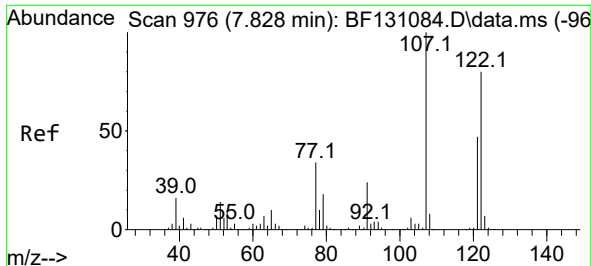
Tgt Ion: 82 Resp: 543757
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 17.4 12.5 18.7



#26
2-Nitrophenol
Concen: 44.790 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion: 139 Resp: 145300
Ion Ratio Lower Upper
139 100
109 34.6 28.6 43.0
65 56.9 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 48.954 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

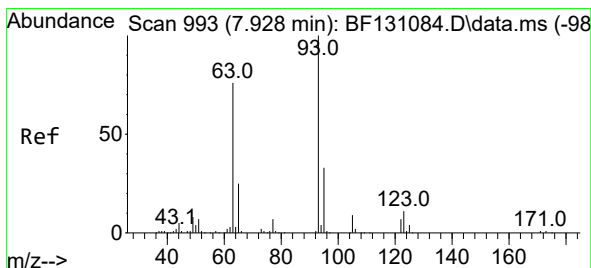
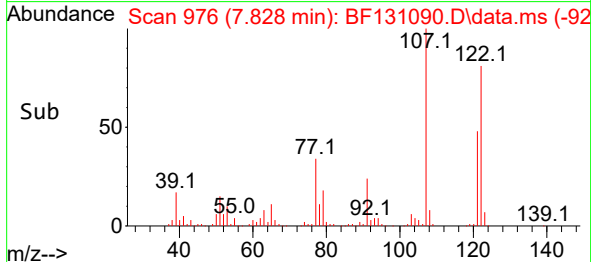
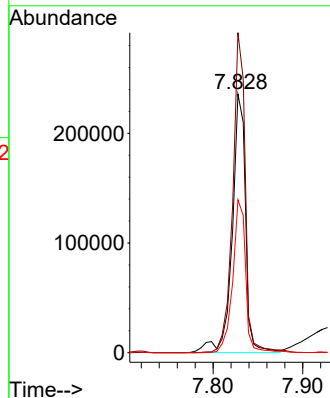
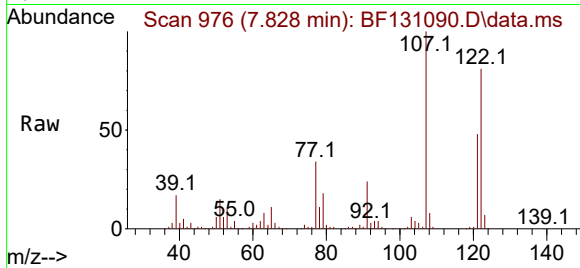
Tgt Ion:122 Resp: 243542

Ion Ratio Lower Upper

122 100

107 123.8 99.8 149.6

121 59.2 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.366 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

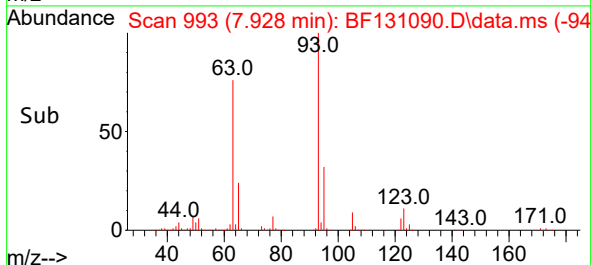
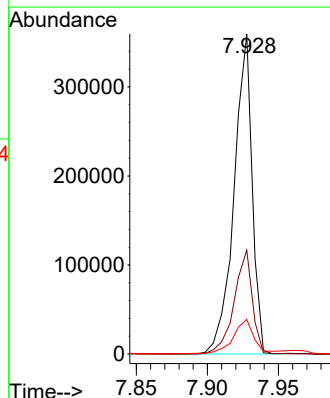
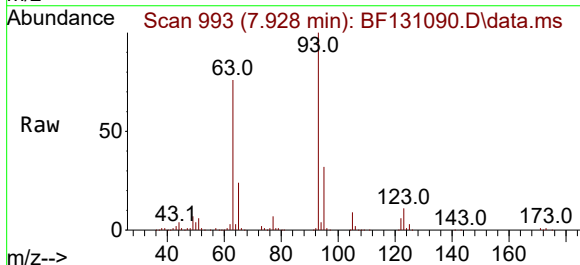
Tgt Ion: 93 Resp: 319872

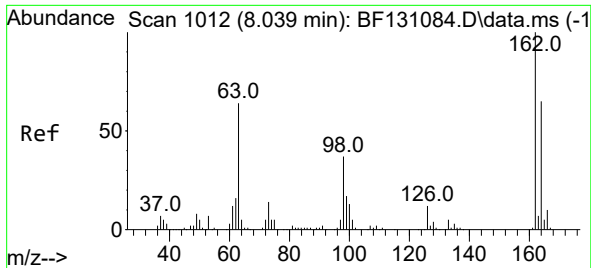
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 10.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.803 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

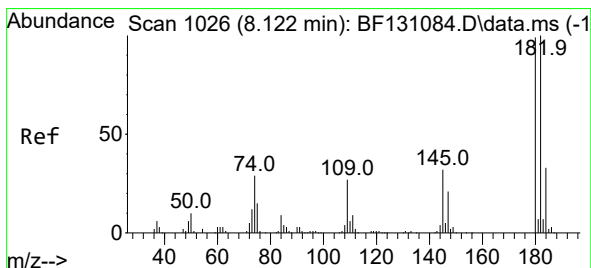
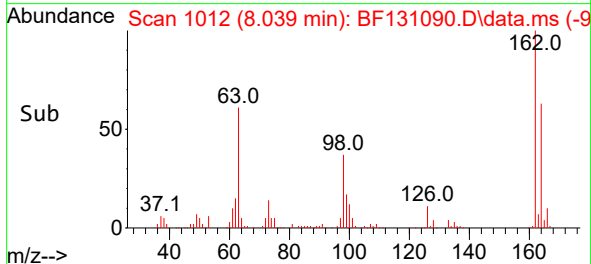
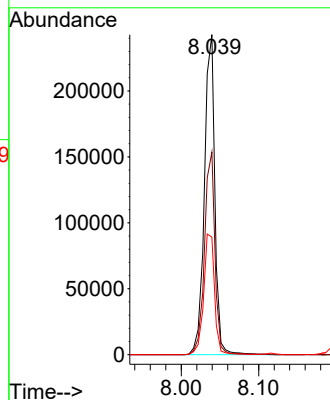
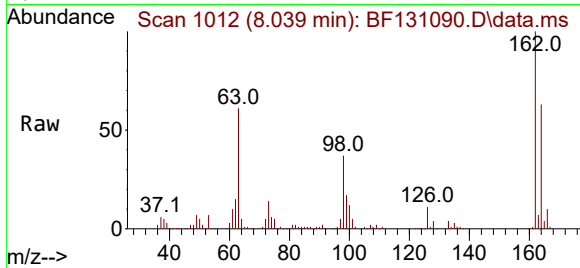
Tgt Ion:162 Resp: 227656

Ion Ratio Lower Upper

162 100

164 63.3 45.0 85.0

98 36.7 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 42.080 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

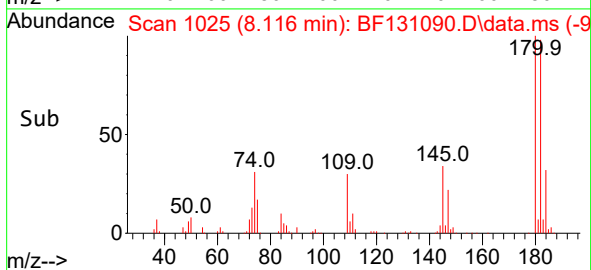
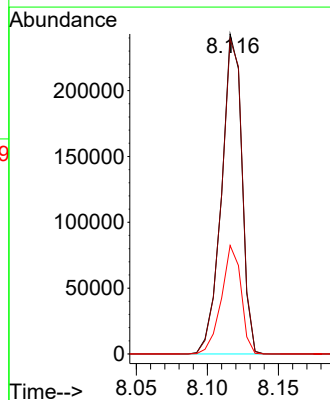
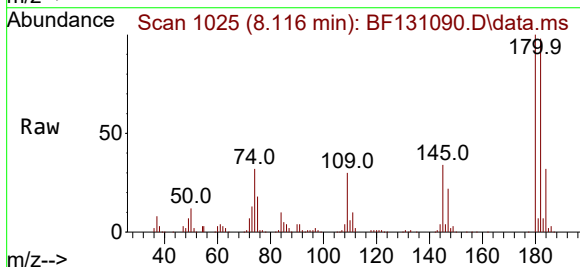
Tgt Ion:180 Resp: 241348

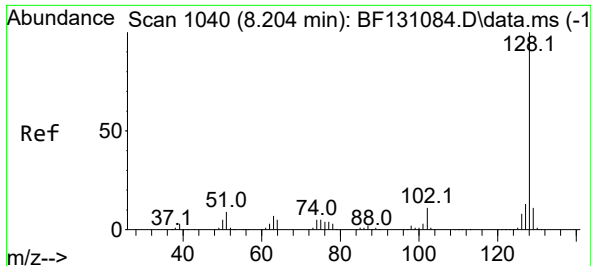
Ion Ratio Lower Upper

180 100

182 98.5 81.0 121.4

145 33.9 26.2 39.2





#31

Naphthalene

Concen: 41.367 ng

RT: 8.204 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

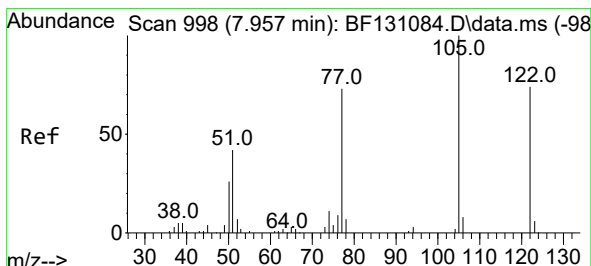
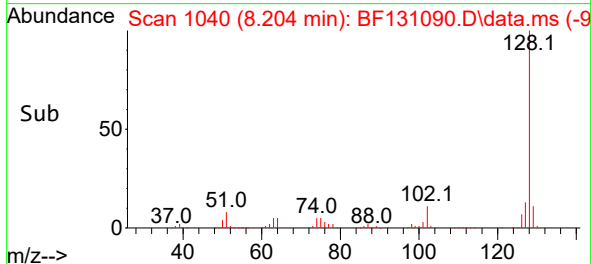
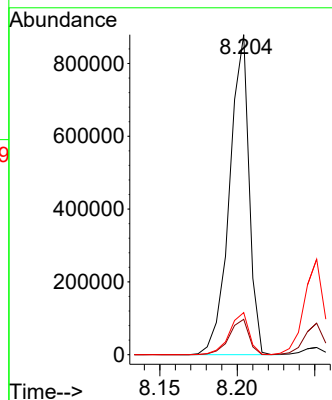
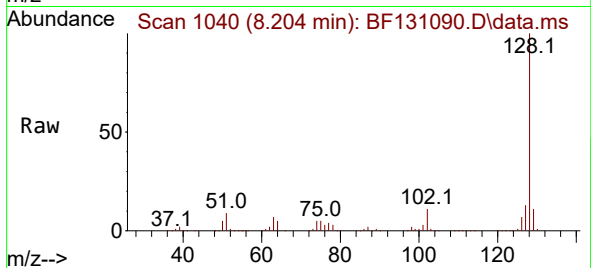
Tgt Ion:128 Resp: 769713

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.1 10.8 16.2



#32

Benzoic acid

Concen: 42.870 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.006 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

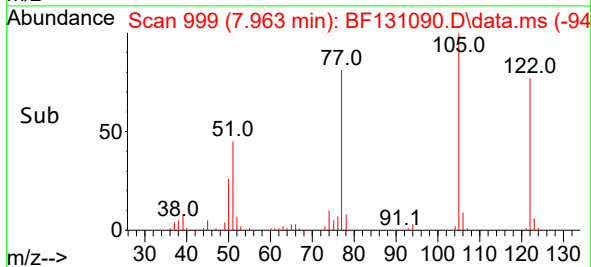
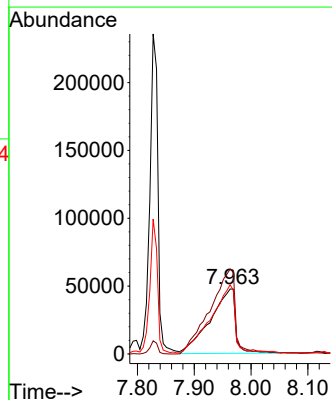
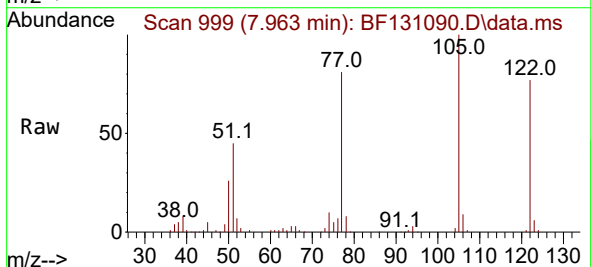
Tgt Ion:122 Resp: 147198

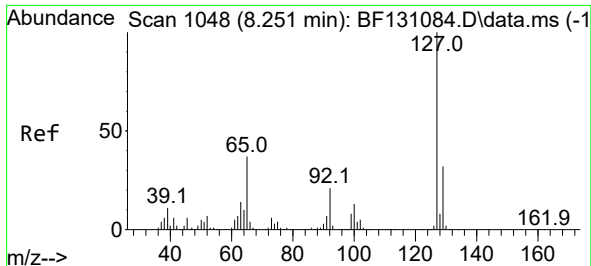
Ion Ratio Lower Upper

122 100

105 130.6 113.0 153.0

77 106.3 78.7 118.7

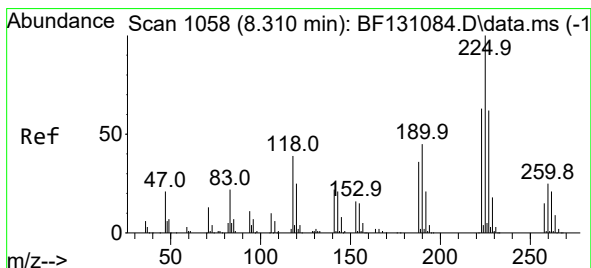
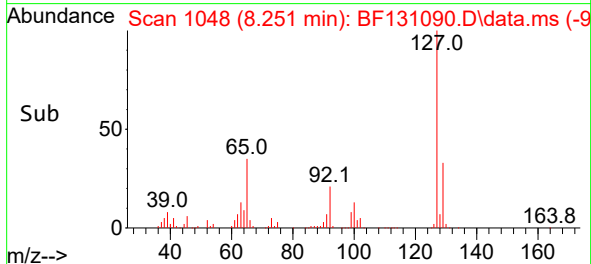
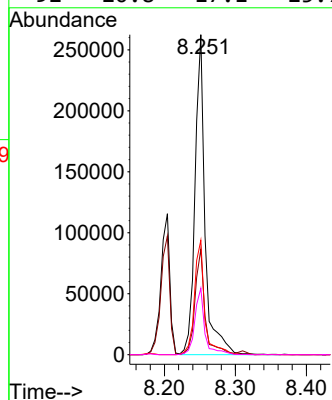
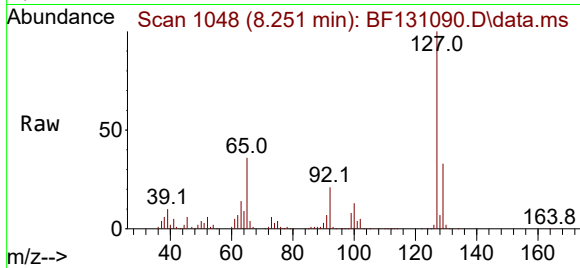




#33
4-Chloroaniline
Concen: 34.886 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

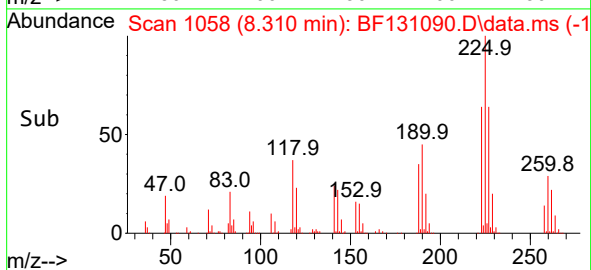
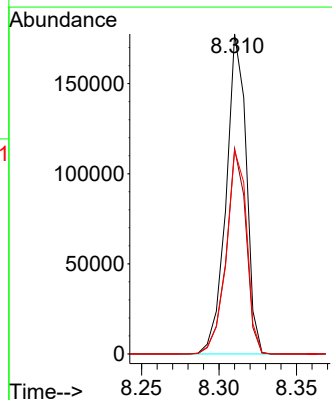
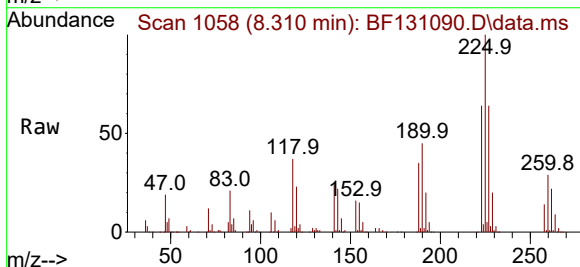
Instrument :
BNA_F
ClientSampleId :
PB148687BS

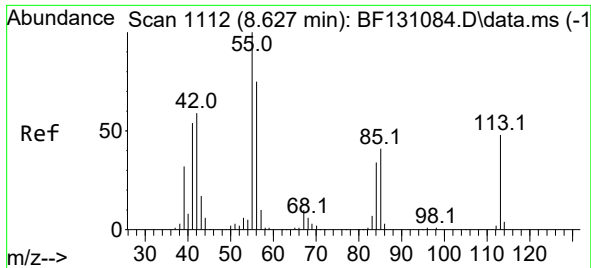
Tgt Ion:	127	Resp:	260281
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.6
65	35.7	29.6	44.4
92	20.8	17.1	25.7



#34
Hexachlorobutadiene
Concen: 40.841 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:	225	Resp:	160056
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.2	75.2
227	63.6	49.9	74.9

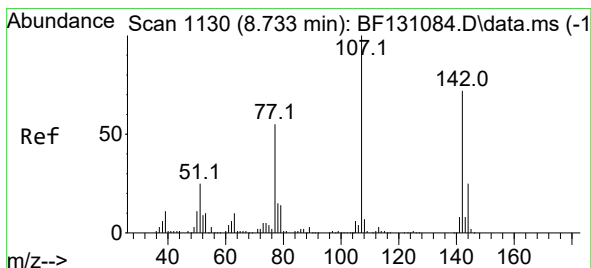
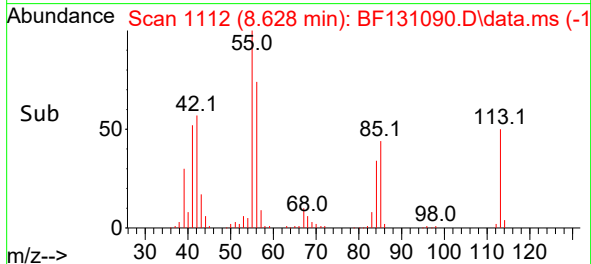
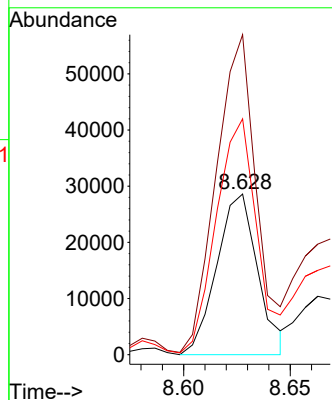
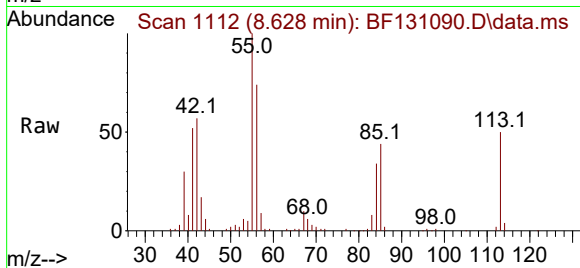




#35
 Caprolactam
 Concen: 23.502 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: BF131090.D
 Acq: 09 Nov 2022 16:52

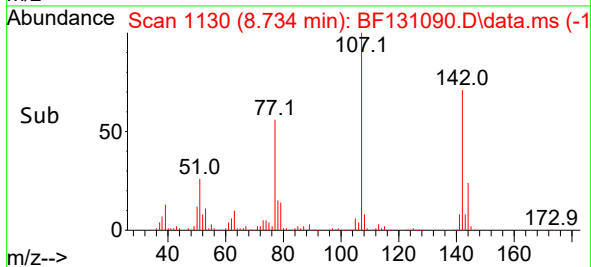
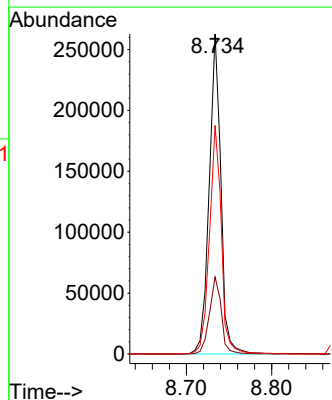
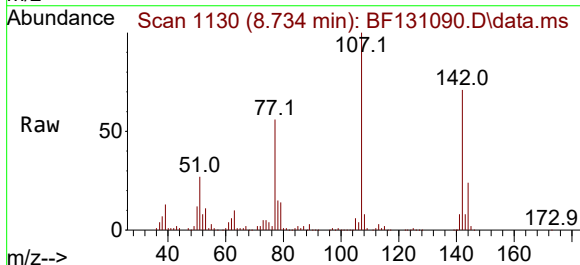
Instrument :
 BNA_F
 ClientSampleId :
 PB148687BS

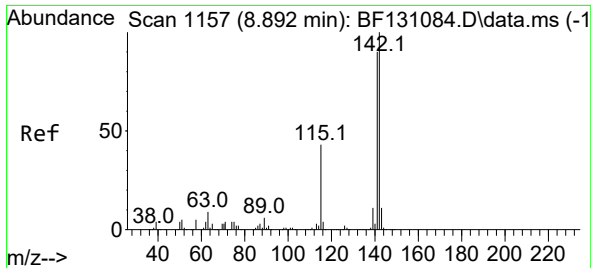
Tgt Ion:113 Resp: 38319
 Ion Ratio Lower Upper
 113 100
 55 199.2 189.1 229.1
 56 146.8 137.1 177.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.445 ng
 RT: 8.734 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: BF131090.D
 Acq: 09 Nov 2022 16:52

Tgt Ion:107 Resp: 249818
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.0 30.0
 142 71.4 57.6 86.4

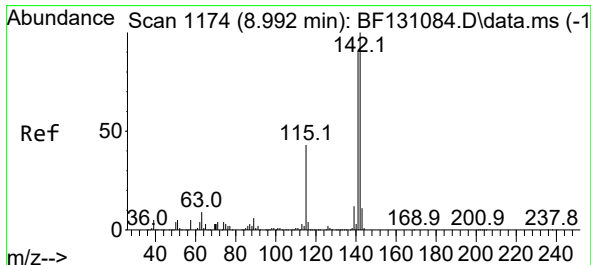
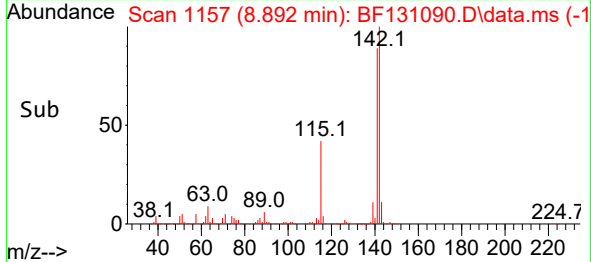
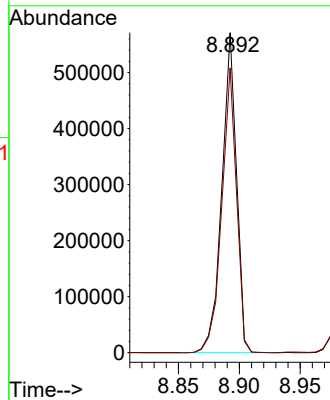
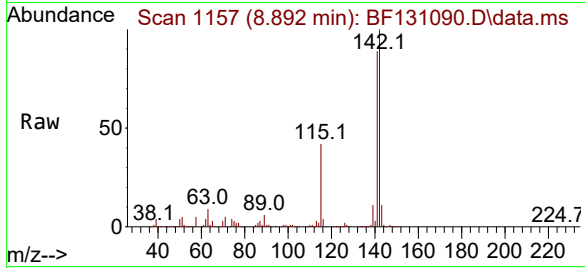




#37
2-Methylnaphthalene
Concen: 40.031 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

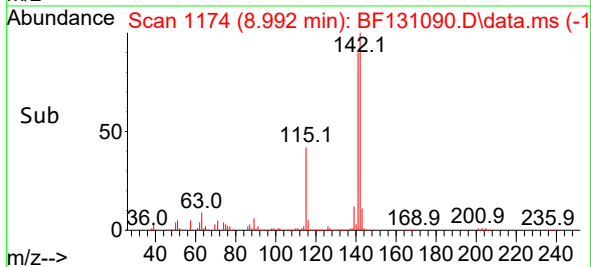
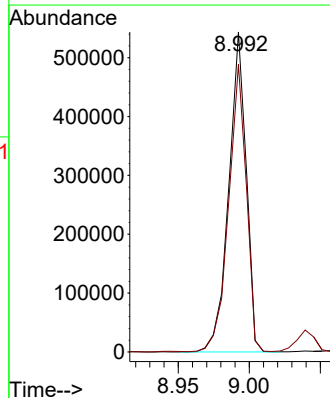
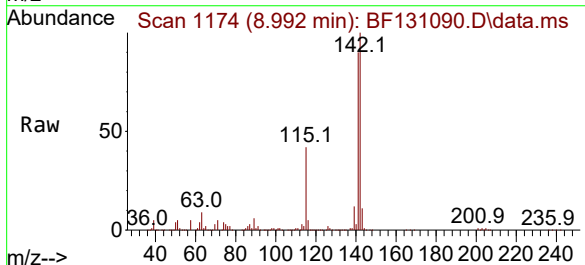
Instrument :
BNA_F
ClientSampleId :
PB148687BS

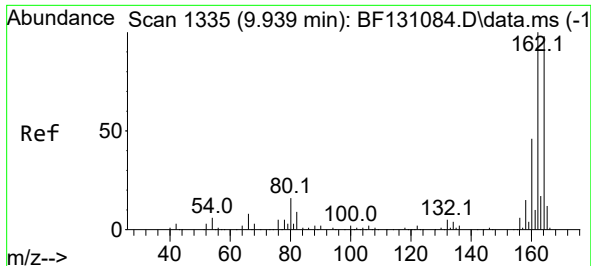
Tgt Ion:142 Resp: 480143
Ion Ratio Lower Upper
142 100
141 89.0 72.0 108.0



#38
1-Methylnaphthalene
Concen: 39.419 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:142 Resp: 463030
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

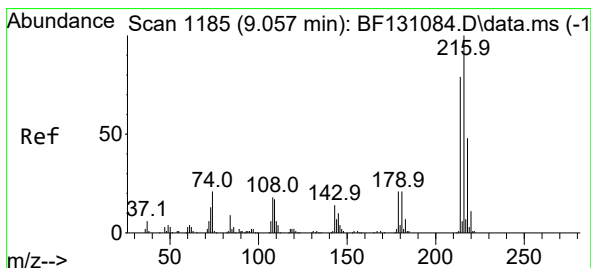
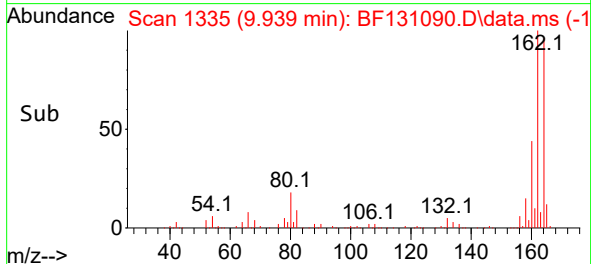
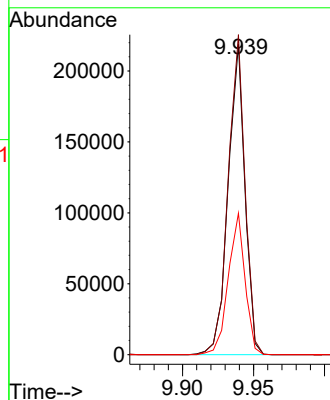
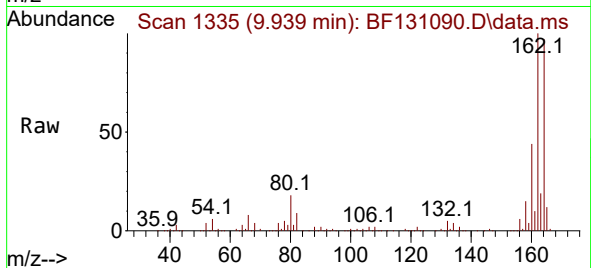
Tgt Ion:164 Resp: 179661

Ion Ratio Lower Upper

164 100

162 103.1 81.7 122.5

160 45.6 37.4 56.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.553 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Tgt Ion:216 Resp: 249648

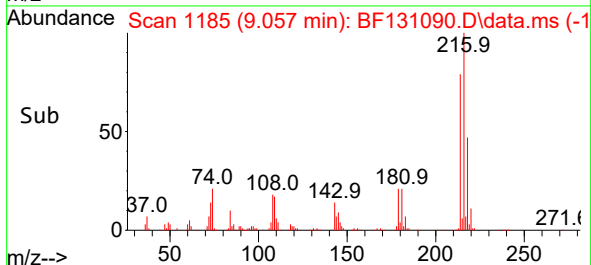
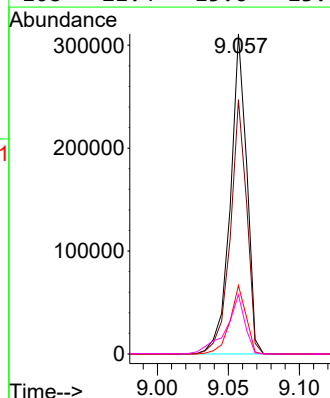
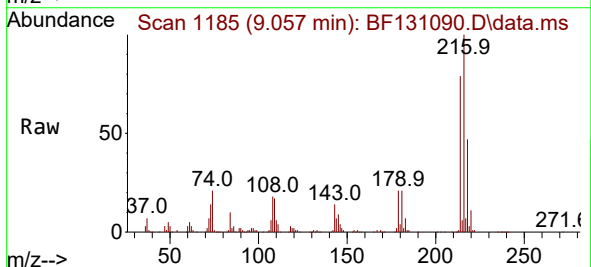
Ion Ratio Lower Upper

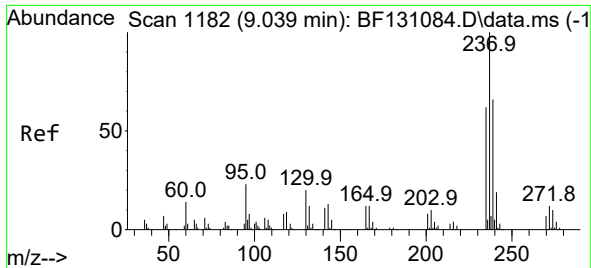
216 100

214 79.1 62.5 93.7

179 21.0 16.7 25.1

108 21.4 15.6 23.4

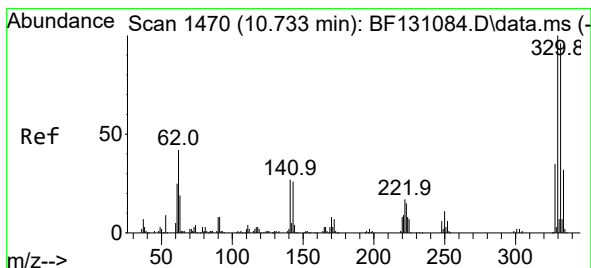
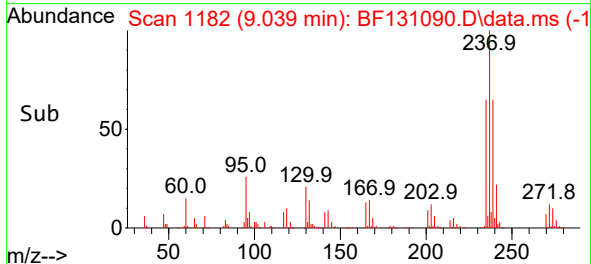
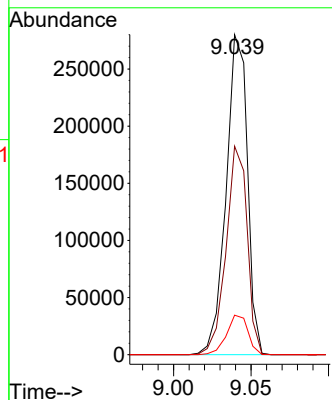
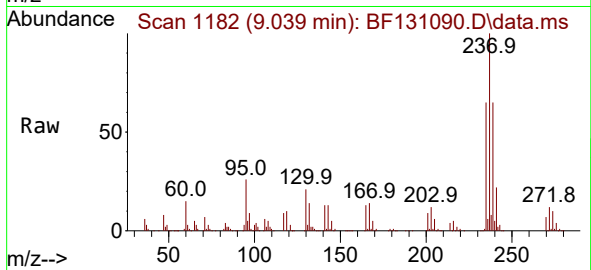




#41
Hexachlorocyclopentadiene
Concen: 116.969 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

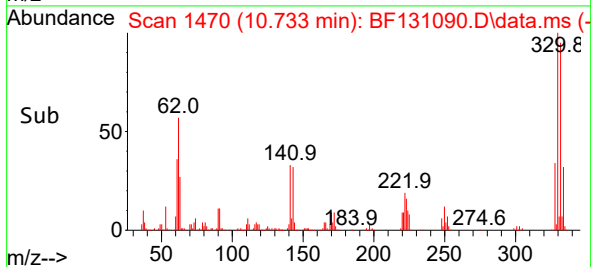
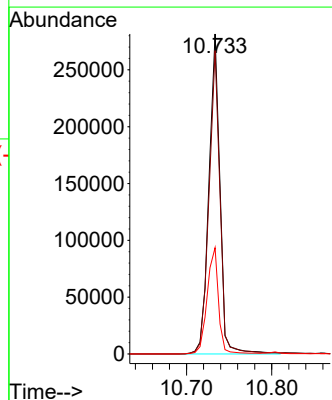
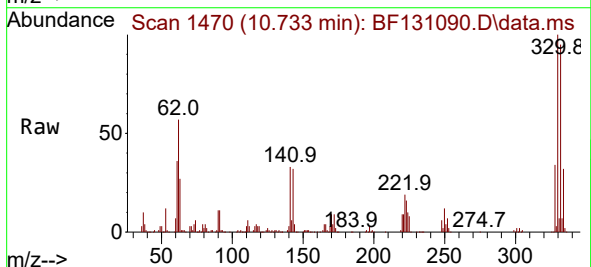
Instrument :
BNA_F
ClientSampleId :
PB148687BS

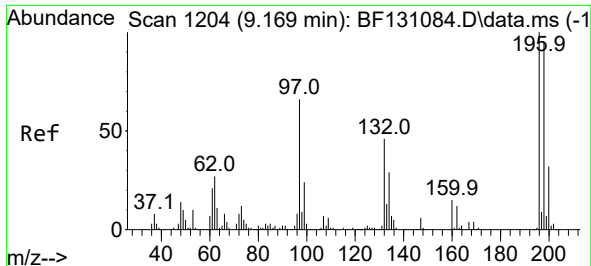
Tgt Ion:237 Resp: 267753
Ion Ratio Lower Upper
237 100
235 65.1 42.4 82.4
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 136.811 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:330 Resp: 254023
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.4
141 34.4 28.5 42.7





#43

2,4,6-Trichlorophenol

Concen: 42.586 ng

RT: 9.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

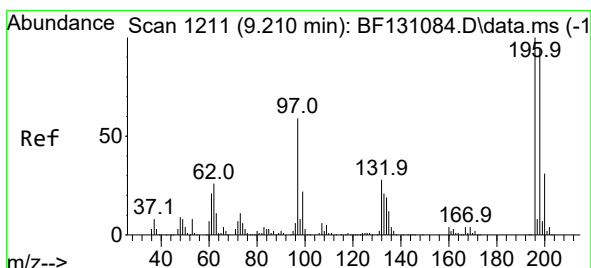
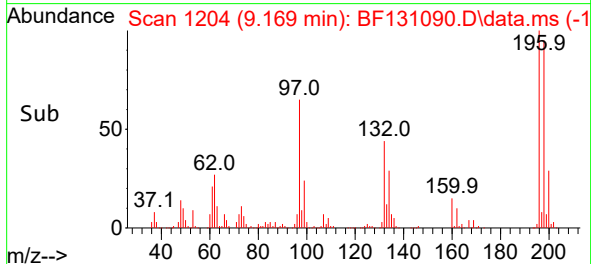
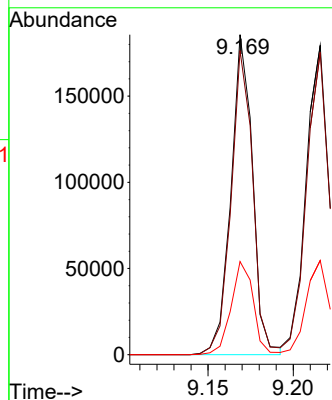
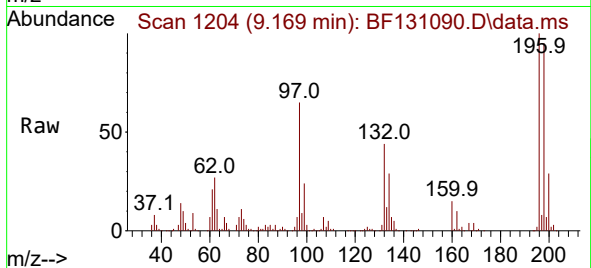
Tgt Ion:196 Resp: 163964

Ion Ratio Lower Upper

196 100

198 95.1 76.2 114.4

200 29.1 25.3 37.9



#44

2,4,5-Trichlorophenol

Concen: 41.615 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.006 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Tgt Ion:196 Resp: 179263

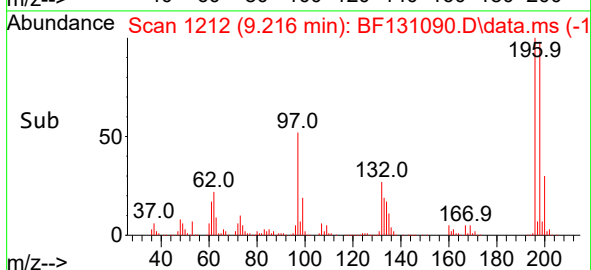
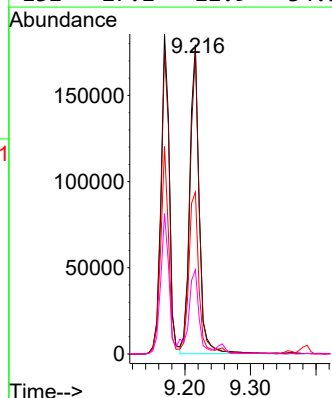
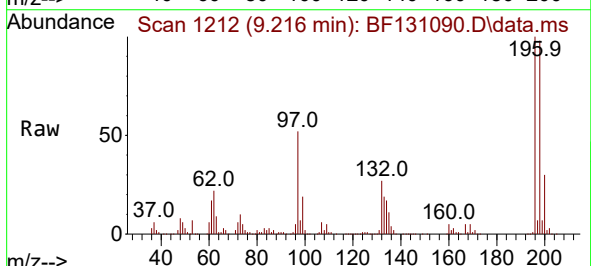
Ion Ratio Lower Upper

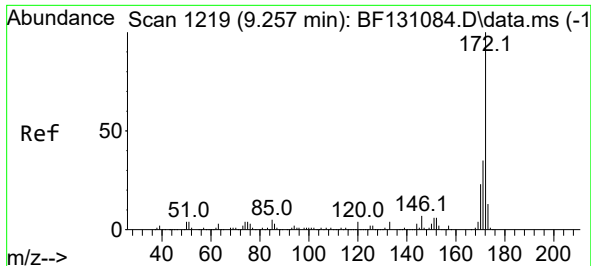
196 100

198 97.8 75.7 113.5

97 52.3 47.5 71.3

132 27.2 22.9 34.3

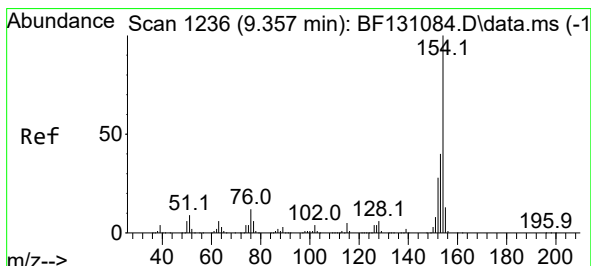
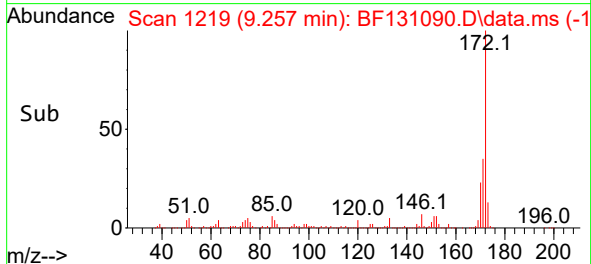
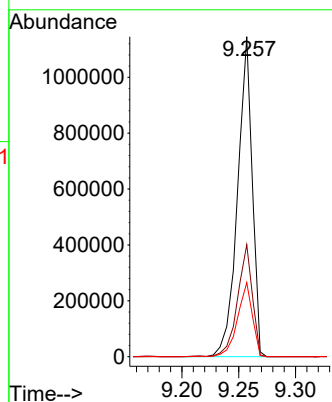
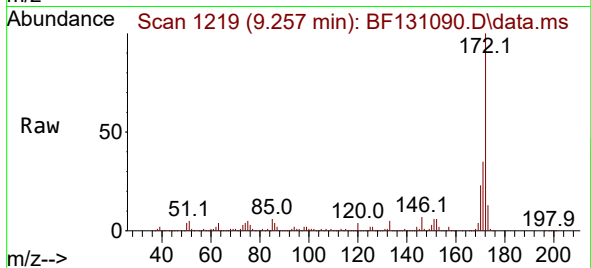




#45
2-Fluorobiphenyl
Concen: 79.648 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

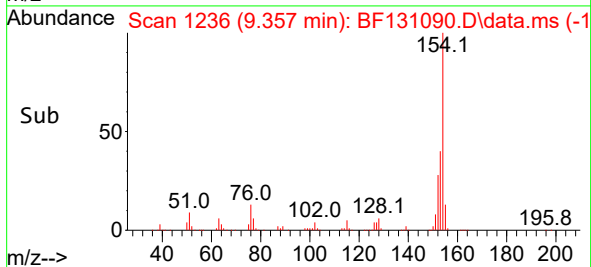
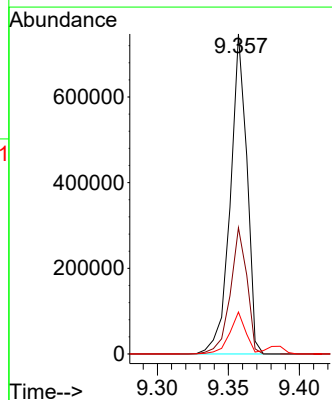
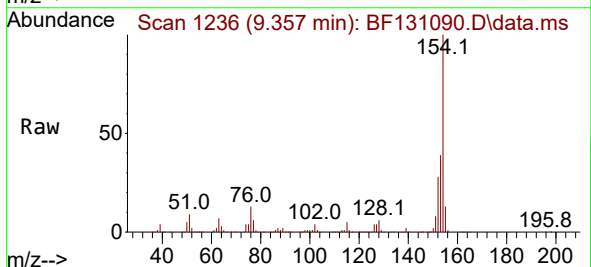
Instrument :
BNA_F
ClientSampleId :
PB148687BS

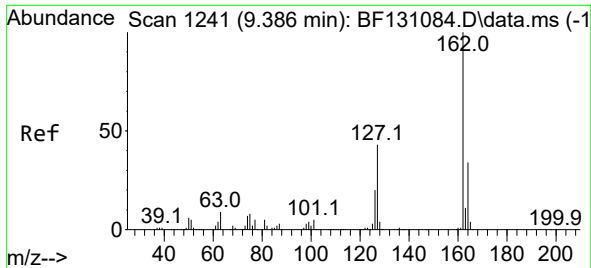
Tgt Ion:172 Resp: 1025067
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.2 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.456 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:154 Resp: 603653
Ion Ratio Lower Upper
154 100
153 39.5 19.9 59.9
76 13.1 0.0 32.5

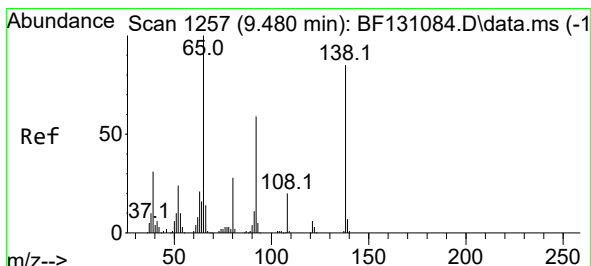
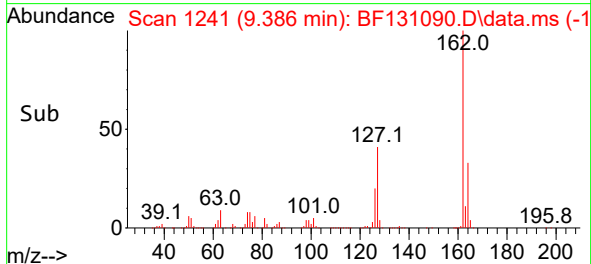
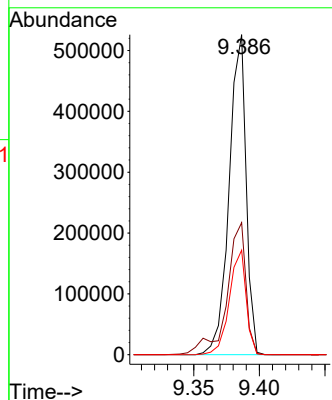
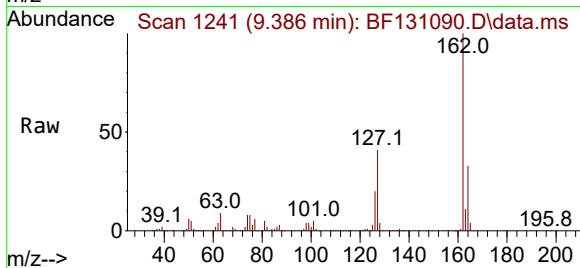




#47
2-Chloronaphthalene
Concen: 42.043 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

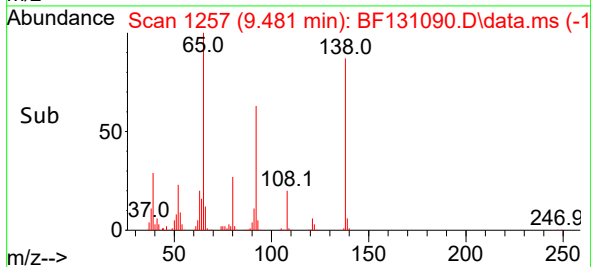
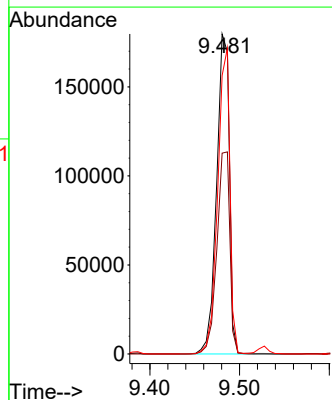
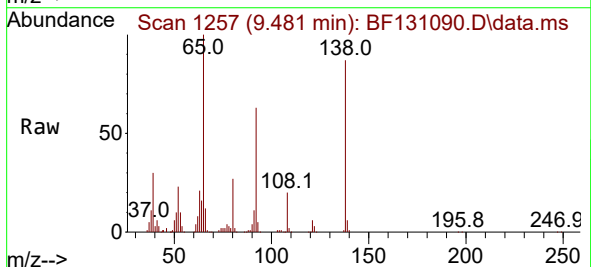
Instrument :
BNA_F
ClientSampleId :
PB148687BS

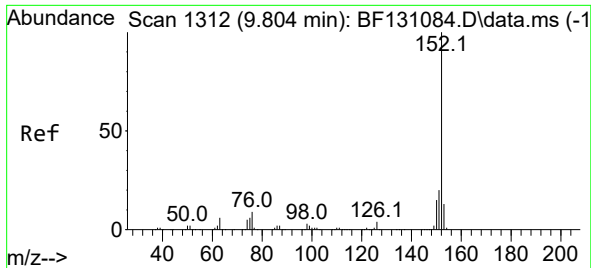
Tgt Ion:162 Resp: 473927
Ion Ratio Lower Upper
162 100
127 41.3 34.4 51.6
164 32.6 26.9 40.3



#48
2-Nitroaniline
Concen: 43.395 ng
RT: 9.481 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion: 65 Resp: 178029
Ion Ratio Lower Upper
65 100
92 62.7 47.5 71.3
138 87.0 67.8 101.8

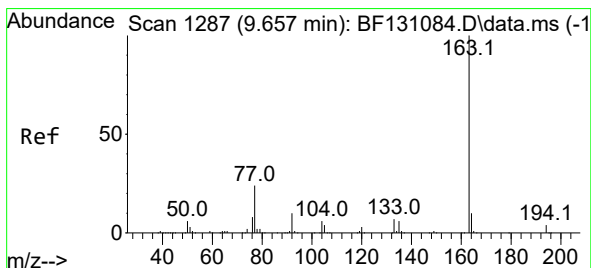
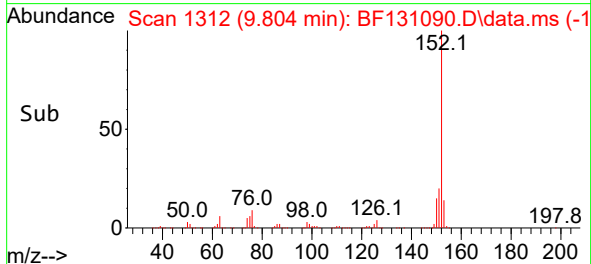
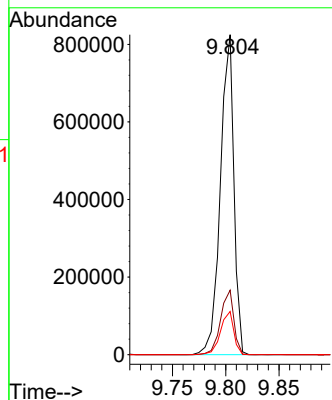
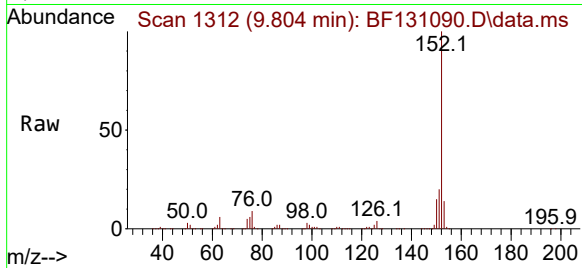




#49
Acenaphthylene
Concen: 41.973 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

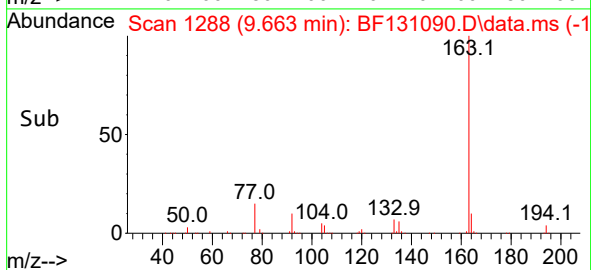
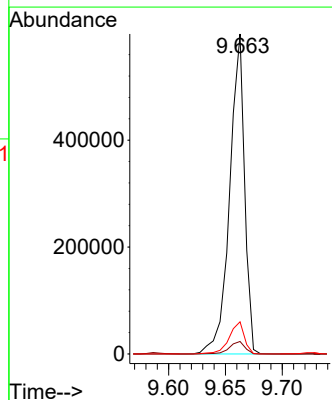
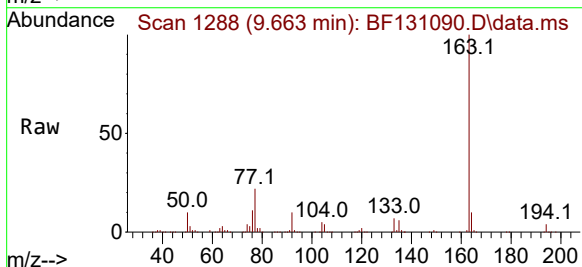
Instrument :
BNA_F
ClientSampleId :
PB148687BS

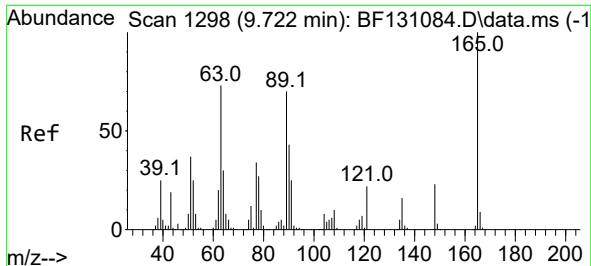
Tgt Ion:152 Resp: 722967
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.5 10.2 15.4



#50
Dimethylphthalate
Concen: 42.674 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:163 Resp: 545371
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 44.229 ng

RT: 9.728 min Scan# 1298

Delta R.T. 0.006 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

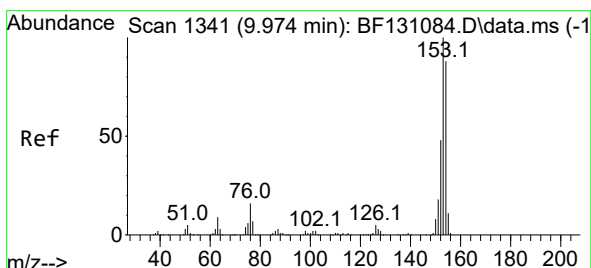
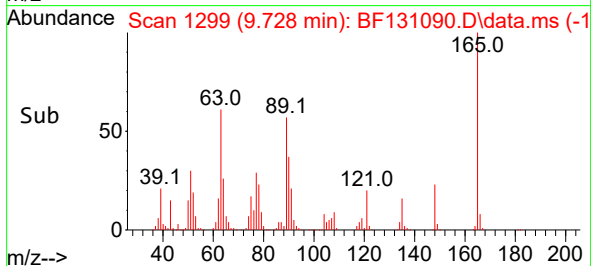
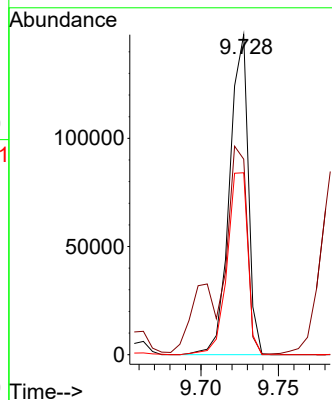
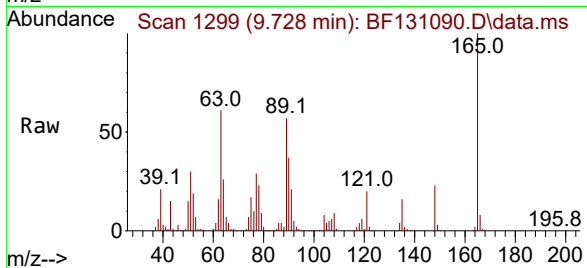
Tgt Ion:165 Resp: 124221

Ion Ratio Lower Upper

165 100

63 61.1 61.4 92.2#

89 56.8 56.0 84.0



#52

Acenaphthene

Concen: 41.803 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

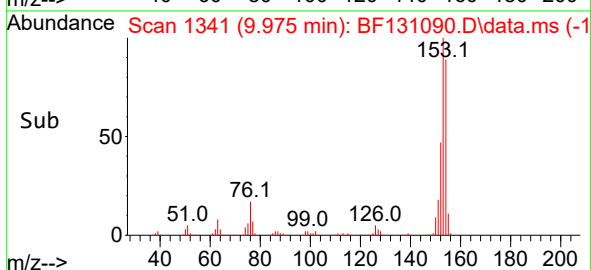
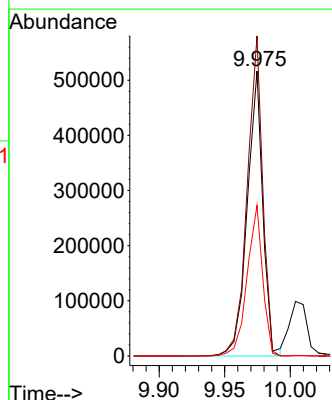
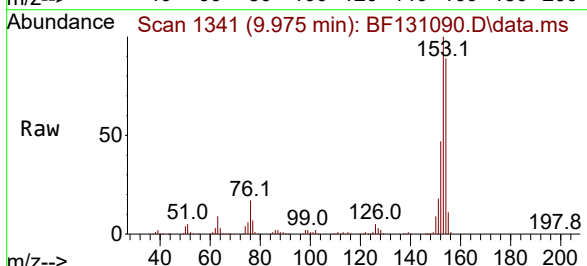
Tgt Ion:154 Resp: 429502

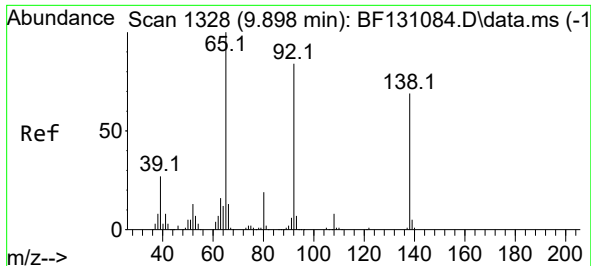
Ion Ratio Lower Upper

154 100

153 112.3 90.8 136.2

152 52.8 43.4 65.2

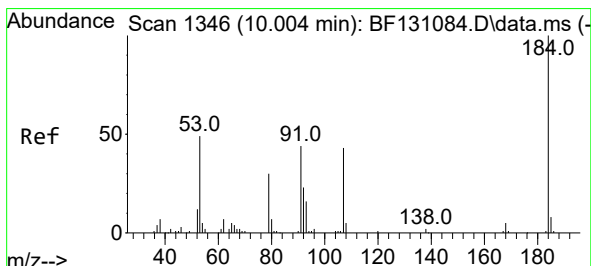
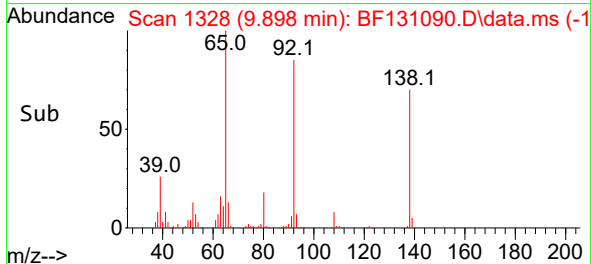
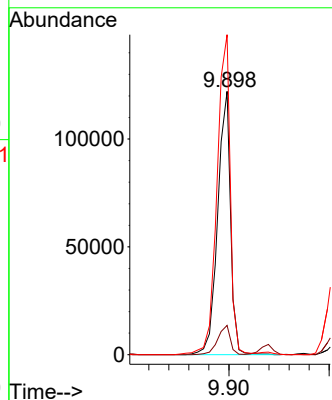
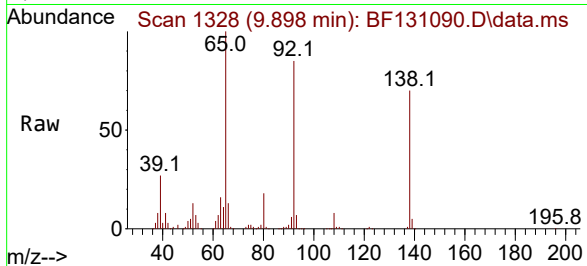




#53
3-Nitroaniline
Concen: 33.764 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

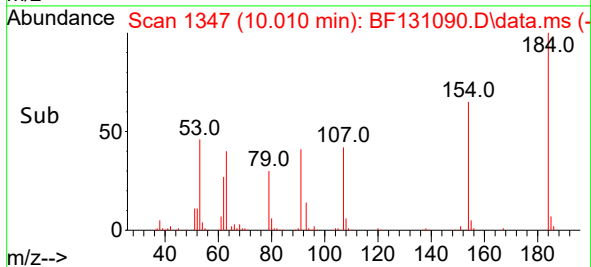
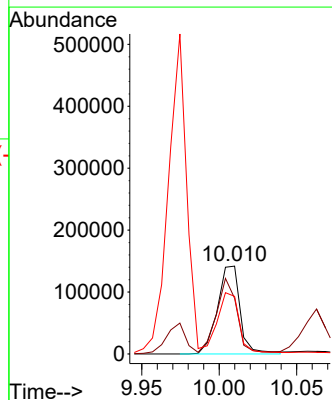
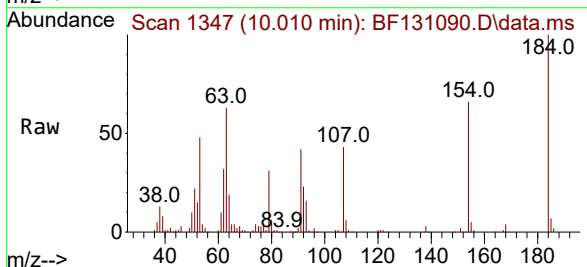
Instrument :
BNA_F
ClientSampleId :
PB148687BS

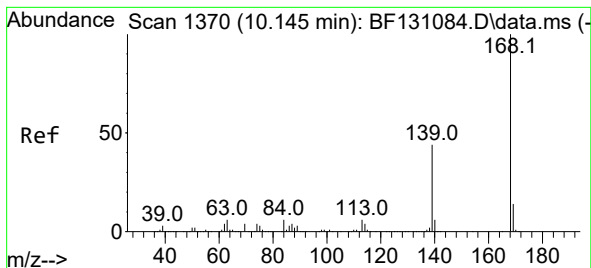
Tgt Ion:138 Resp: 108418
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 121.5 96.6 145.0



#54
2,4-Dinitrophenol
Concen: 98.351 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:184 Resp: 144987
Ion Ratio Lower Upper
184 100
63 63.4 53.3 79.9
154 65.6 55.5 83.3





#55

Dibenzenofuran

Concen: 42.651 ng

RT: 10.145 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

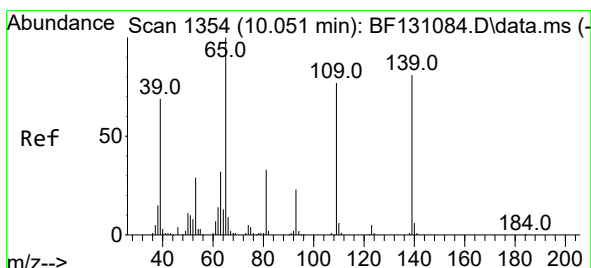
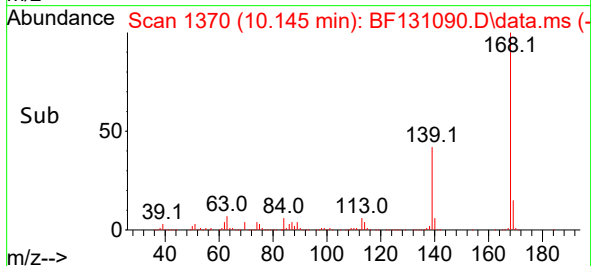
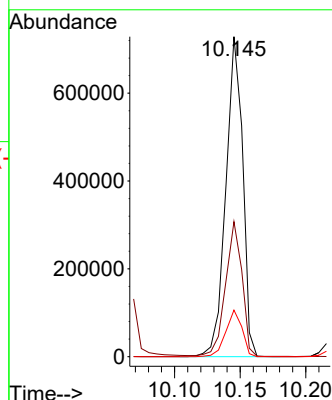
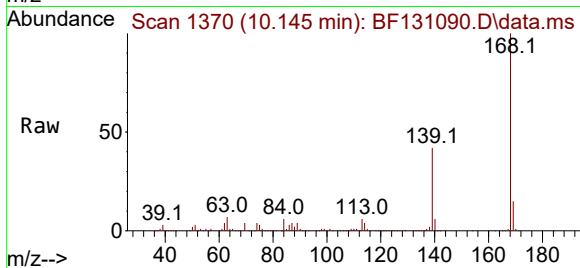
Tgt Ion:168 Resp: 648970

Ion Ratio Lower Upper

168 100

139 42.2 35.0 52.4

169 14.6 11.2 16.8



#56

4-Nitrophenol

Concen: 92.735 ng

RT: 10.063 min Scan# 1356

Delta R.T. 0.012 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

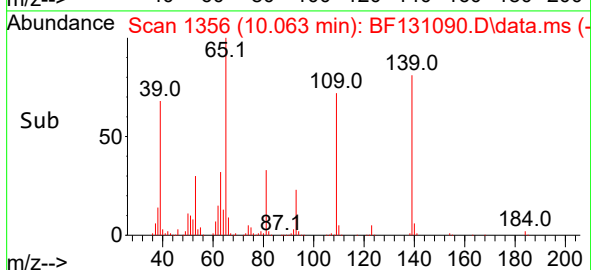
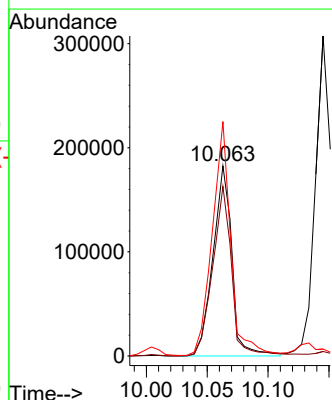
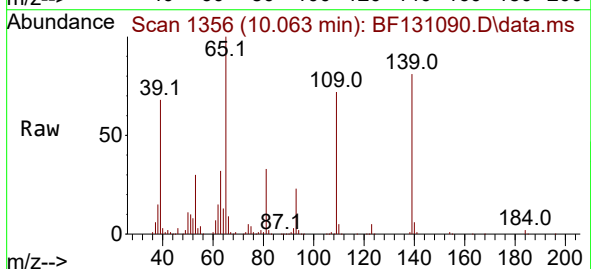
Tgt Ion:139 Resp: 198191

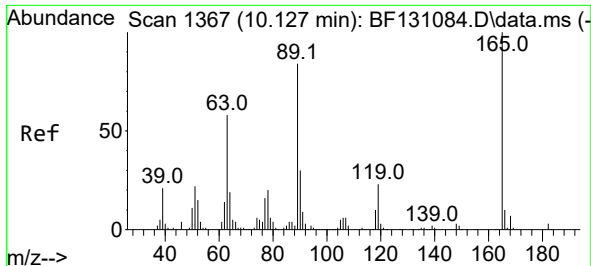
Ion Ratio Lower Upper

139 100

109 89.2 75.5 115.5

65 123.3 104.5 144.5

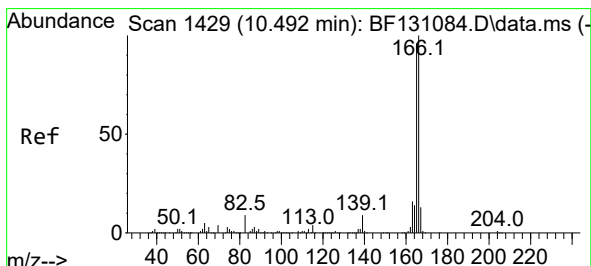
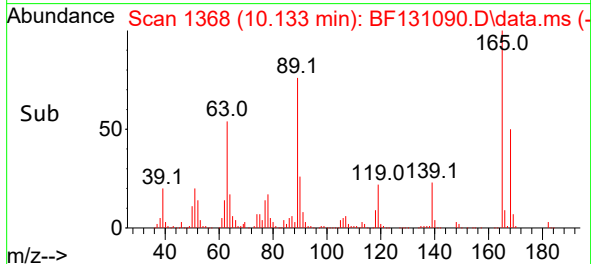
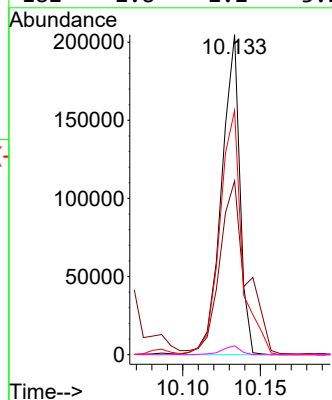
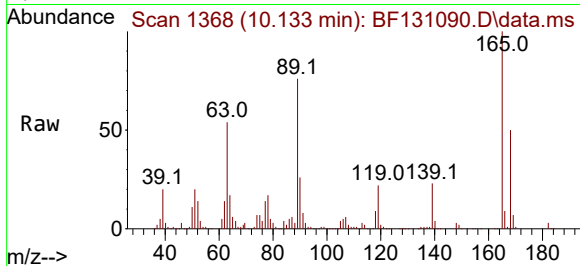




#57
2,4-Dinitrotoluene
Concen: 45.103 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

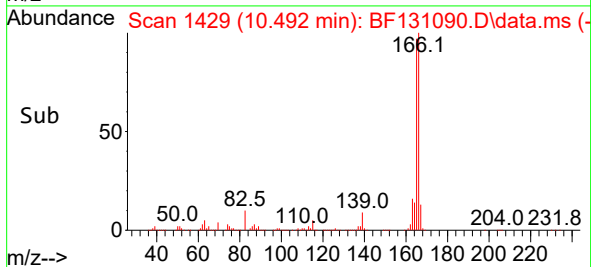
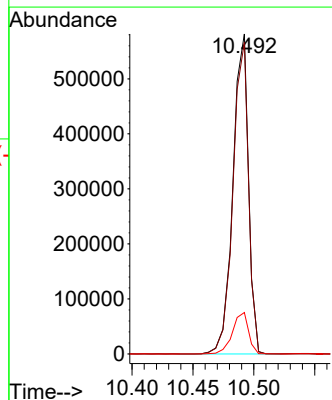
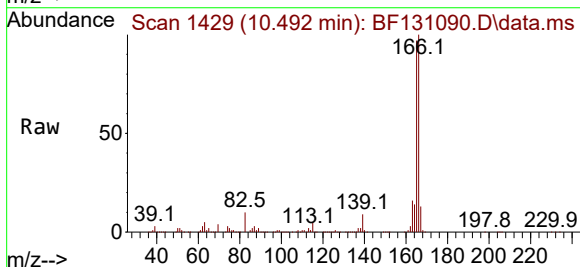
Instrument :
BNA_F
ClientSampleId :
PB148687BS

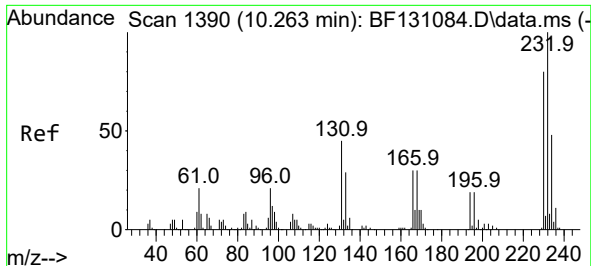
Tgt Ion:165 Resp: 168393
Ion Ratio Lower Upper
165 100
63 54.3 46.9 70.3
89 76.3 66.9 100.3
182 2.8 2.2 3.2



#58
Fluorene
Concen: 41.866 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:166 Resp: 517384
Ion Ratio Lower Upper
166 100
165 97.4 77.2 115.8
167 12.9 10.2 15.4

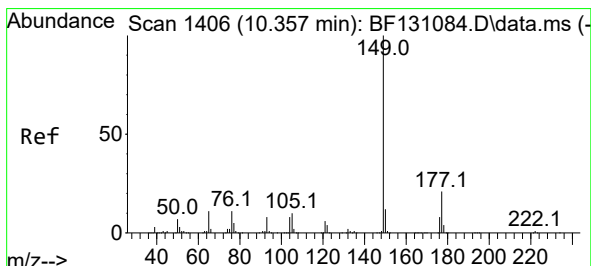
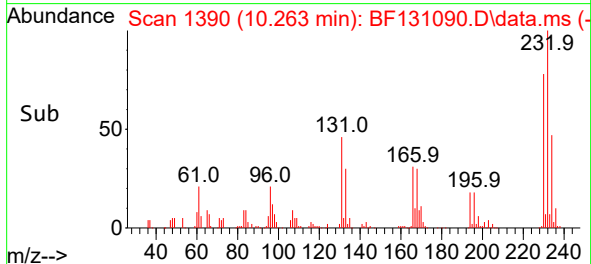
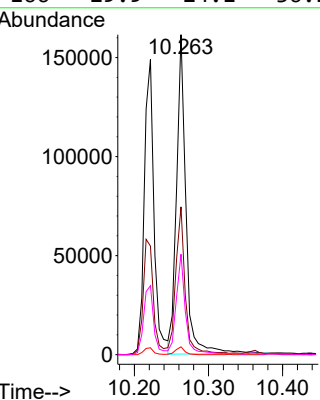
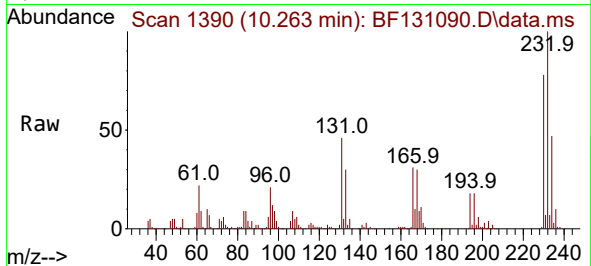




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.306 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

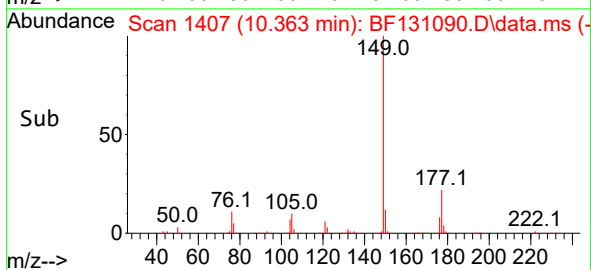
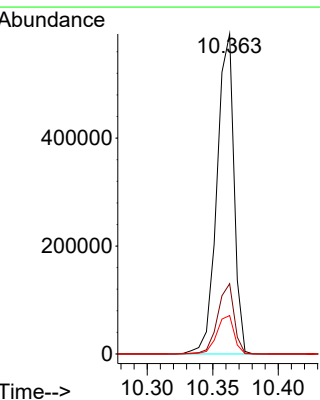
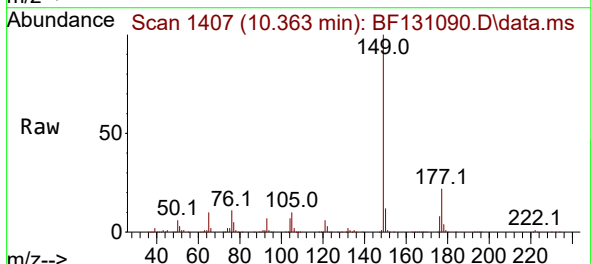
Instrument :
BNA_F
ClientSampleId :
PB148687BS

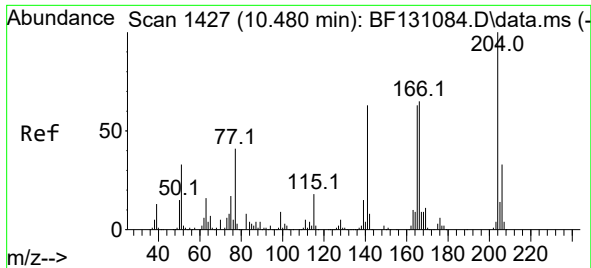
Tgt Ion:232 Resp: 143443
Ion Ratio Lower Upper
232 100
131 45.5 36.2 54.2
130 2.3 1.9 2.9
166 29.9 24.1 36.1



#60
Diethylphthalate
Concen: 43.588 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:149 Resp: 536483
Ion Ratio Lower Upper
149 100
177 22.0 17.2 25.8
150 12.0 9.8 14.8

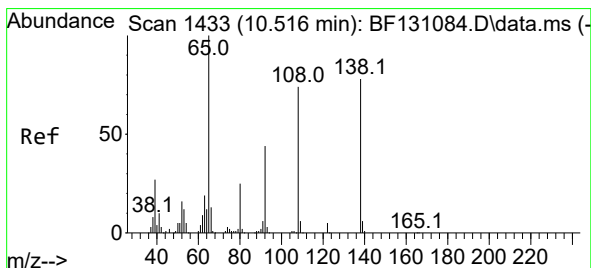
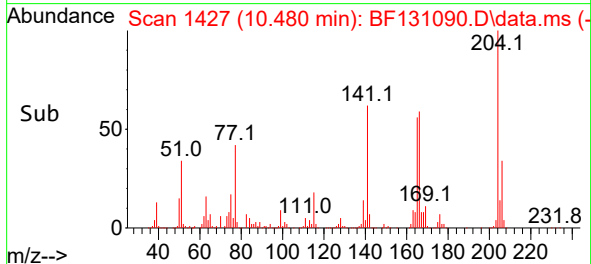
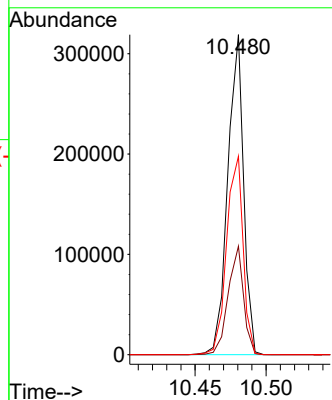
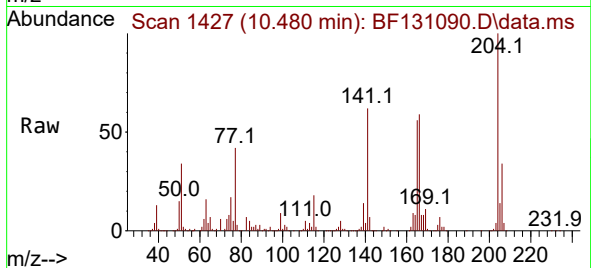




#61
4-Chlorophenyl-phenylether
Concen: 43.018 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

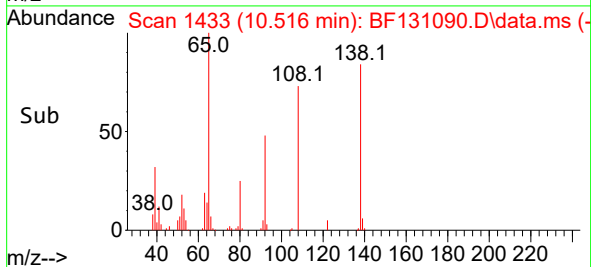
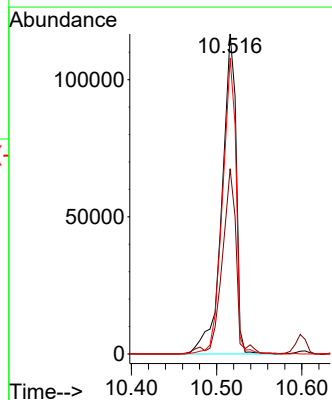
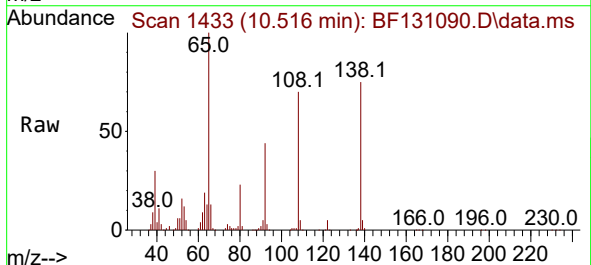
Instrument :
BNA_F
ClientSampleId :
PB148687BS

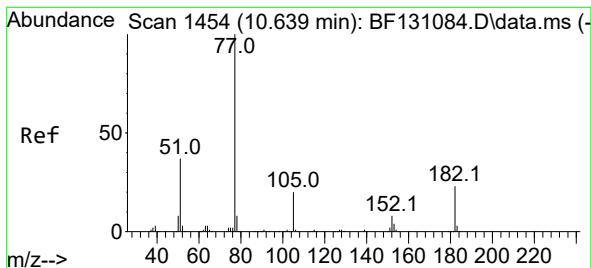
Tgt Ion:204 Resp: 247408
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 62.0 50.6 75.8



#62
4-Nitroaniline
Concen: 41.828 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:138 Resp: 135731
Ion Ratio Lower Upper
138 100
92 57.9 36.0 76.0
108 92.5 75.3 115.3





#63

Azobenzene

Concen: 42.688 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

Tgt Ion: 77 Resp: 549937

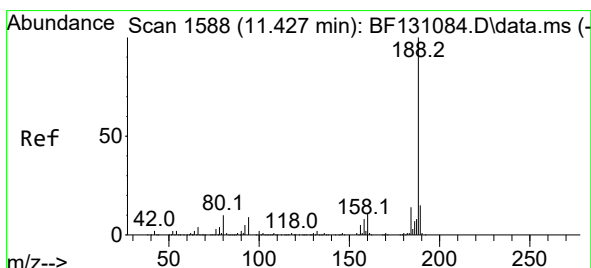
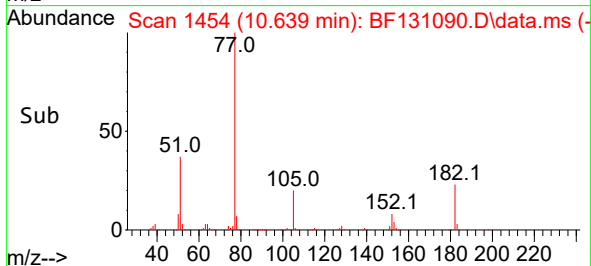
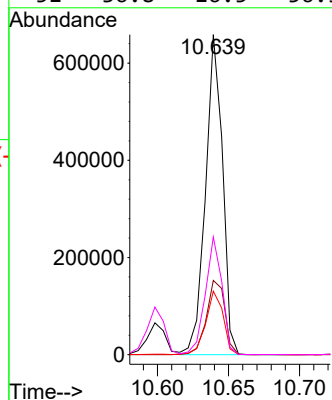
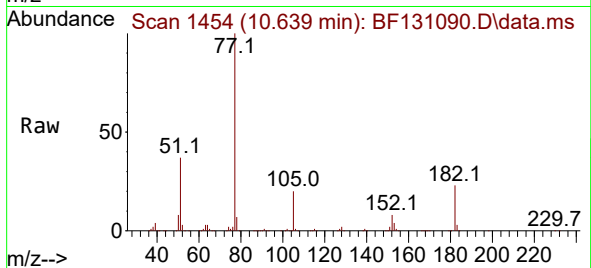
Ion Ratio Lower Upper

77 100

182 23.2 3.3 43.3

105 19.9 0.0 39.5

51 36.8 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

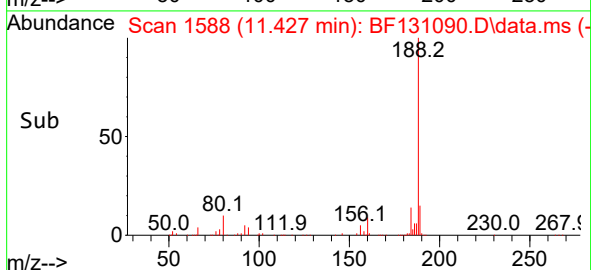
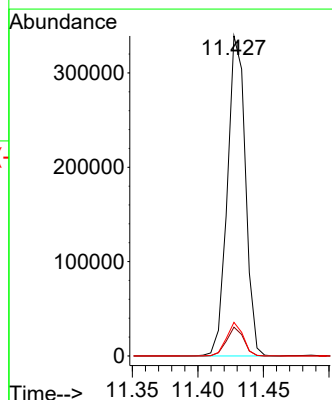
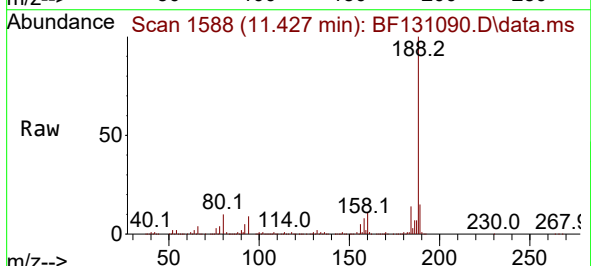
Tgt Ion: 188 Resp: 324878

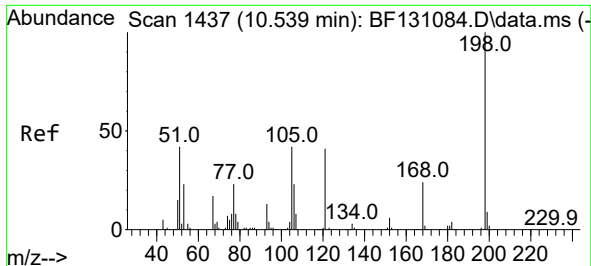
Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 10.5 7.9 11.9

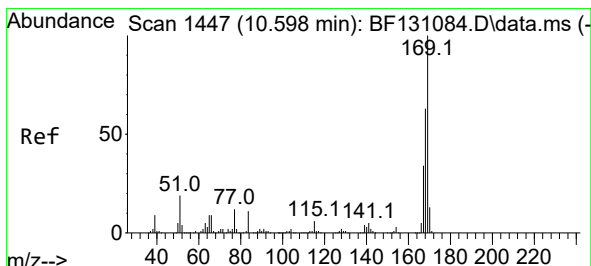
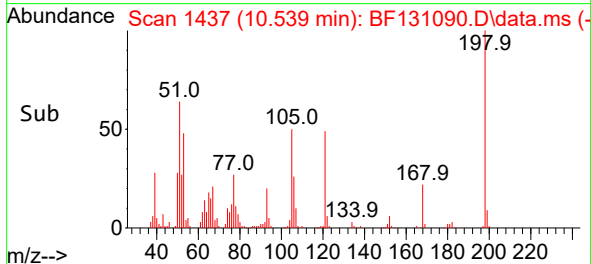
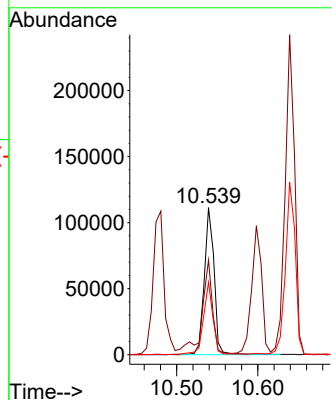
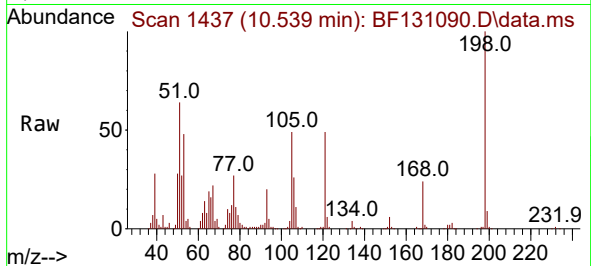




#65
4,6-Dinitro-2-methylphenol
Concen: 44.859 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

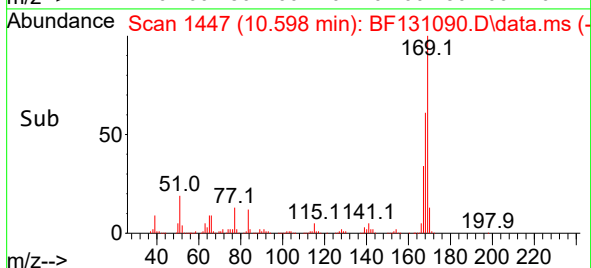
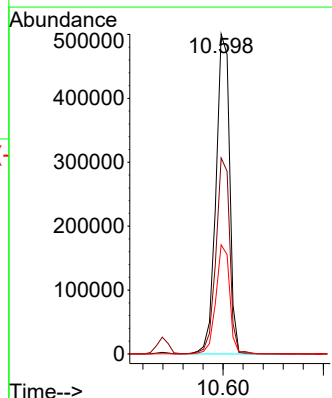
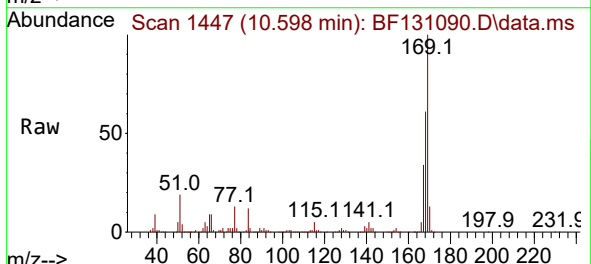
Instrument :
BNA_F
ClientSampleId :
PB148687BS

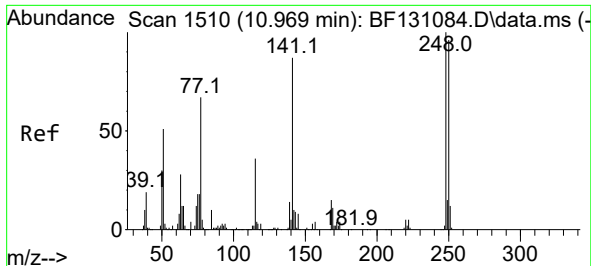
Tgt Ion:198 Resp: 93701
Ion Ratio Lower Upper
198 100
51 64.3 30.3 70.3
105 49.4 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 43.329 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:169 Resp: 473234
Ion Ratio Lower Upper
169 100
168 61.2 50.2 75.4
167 34.1 27.3 40.9

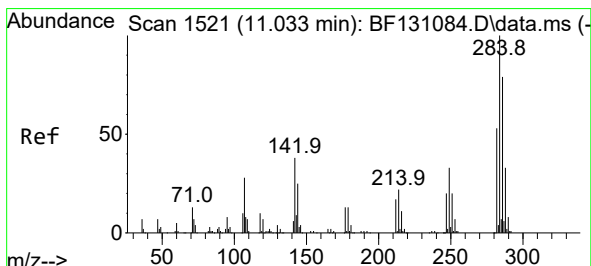
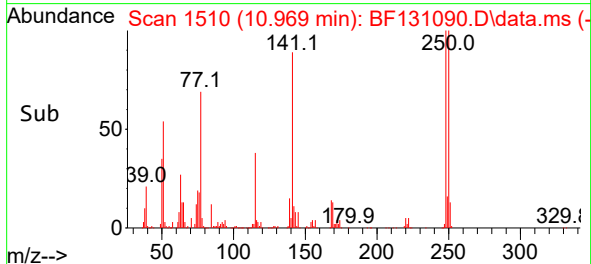
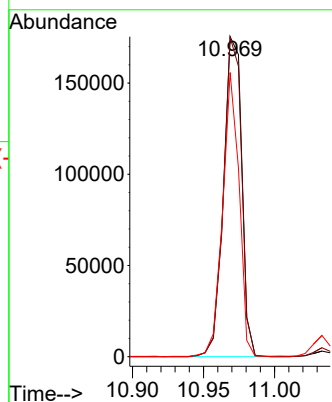
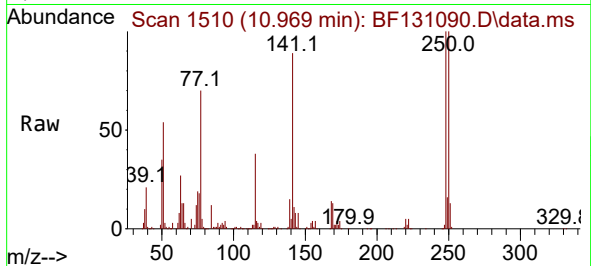




#67
4-Bromophenyl-phenylether
Concen: 42.743 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

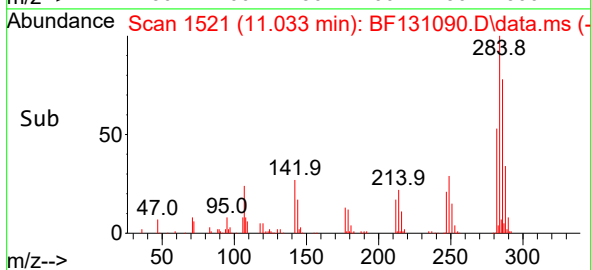
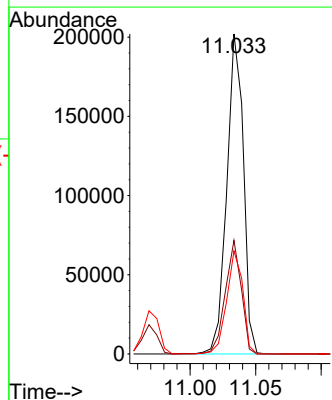
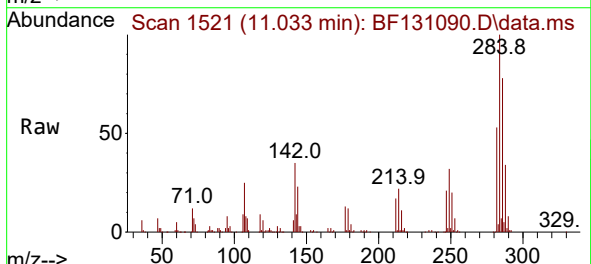
Instrument :
BNA_F
ClientSampleId :
PB148687BS

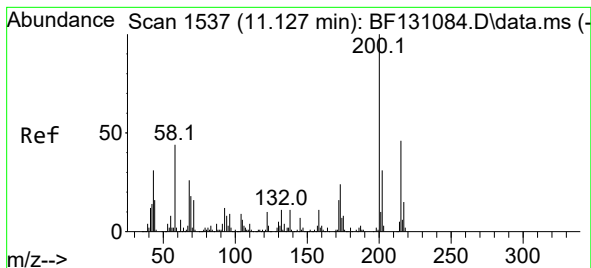
Tgt Ion:248 Resp: 157021
Ion Ratio Lower Upper
248 100
250 99.8 77.0 115.6
141 88.8 69.7 104.5



#68
Hexachlorobenzene
Concen: 43.322 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:284 Resp: 177368
Ion Ratio Lower Upper
284 100
142 35.5 30.7 46.1
249 32.2 26.2 39.2





#69

Atrazine

Concen: 47.800 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

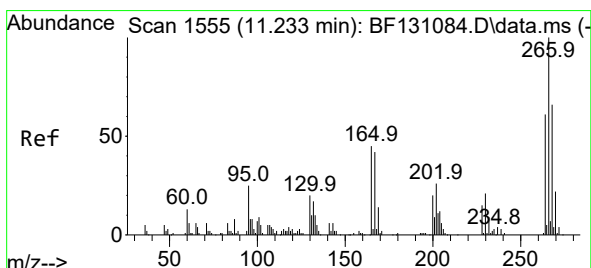
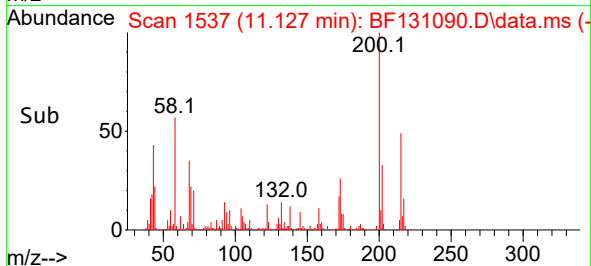
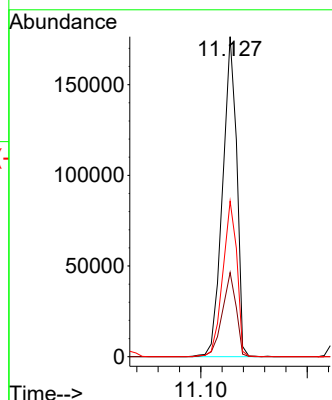
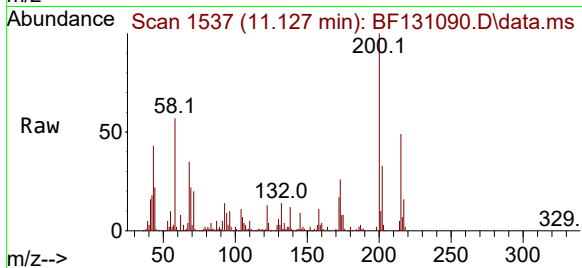
Tgt Ion:200 Resp: 161613

Ion Ratio Lower Upper

200 100

173 26.3 4.0 44.0

215 48.6 25.7 65.7



#70

Pentachlorophenol

Concen: 83.517 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

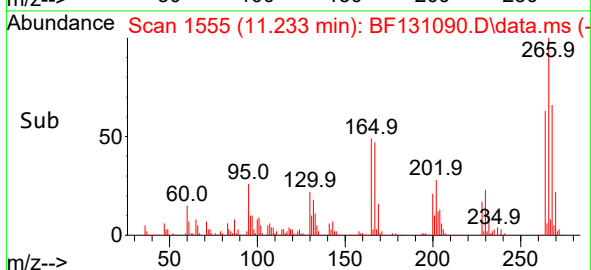
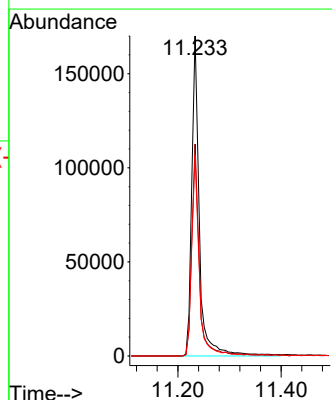
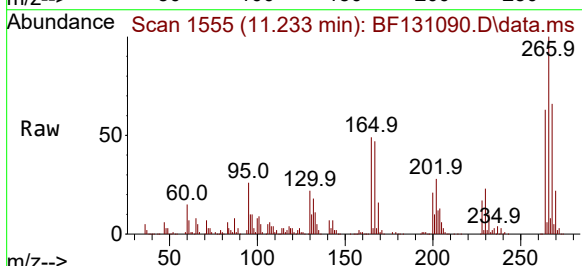
Tgt Ion:266 Resp: 174908

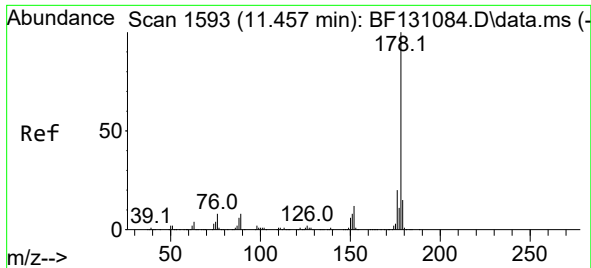
Ion Ratio Lower Upper

266 100

268 66.2 52.5 78.7

264 62.9 48.6 72.8

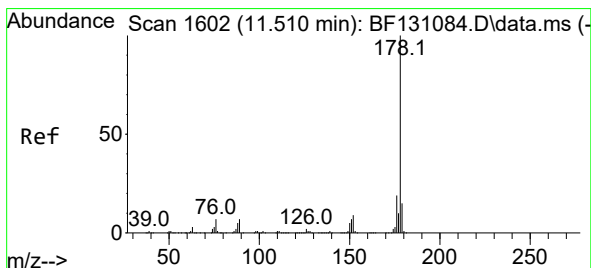
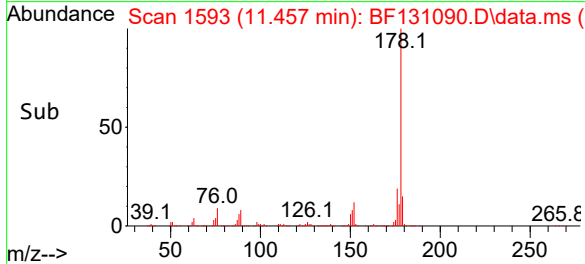
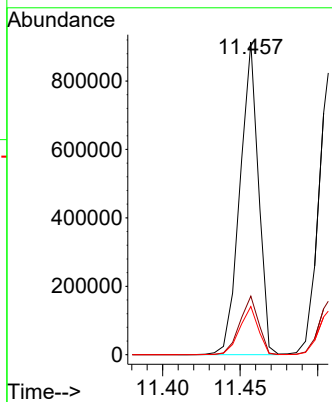
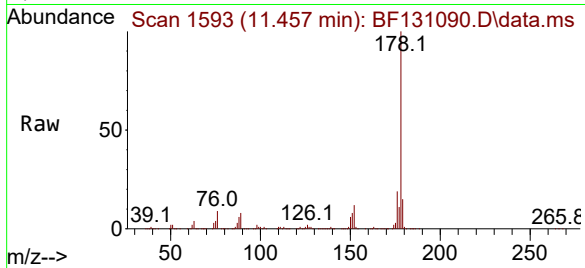




#71
Phenanthrene
Concen: 42.427 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

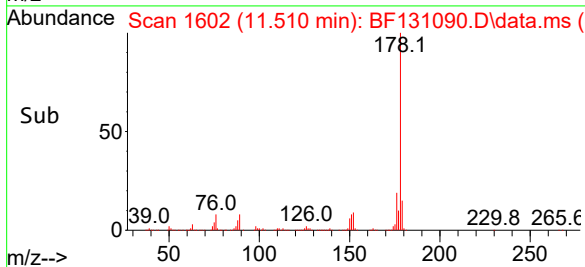
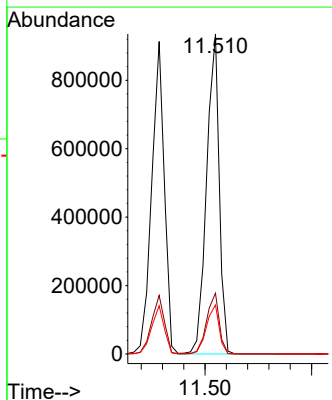
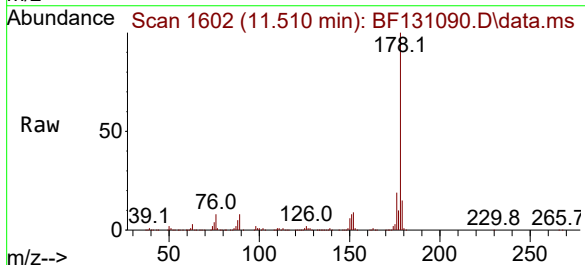
Instrument :
BNA_F
ClientSampleId :
PB148687BS

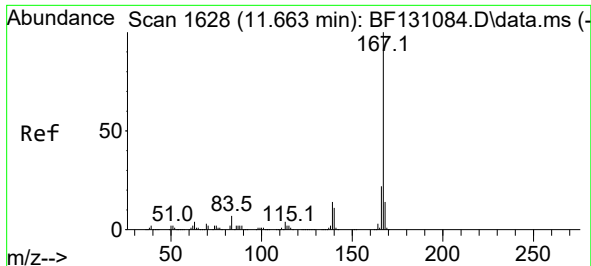
Tgt Ion:178 Resp: 758084
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 15.4 12.2 18.2



#72
Anthracene
Concen: 44.688 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:178 Resp: 774965
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.3 11.8 17.8



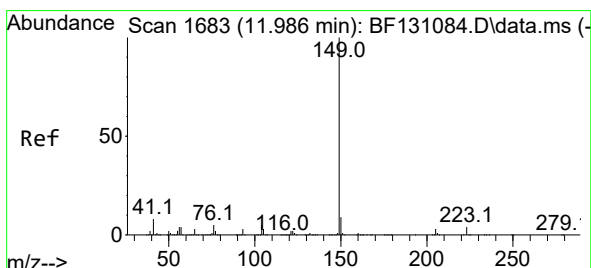
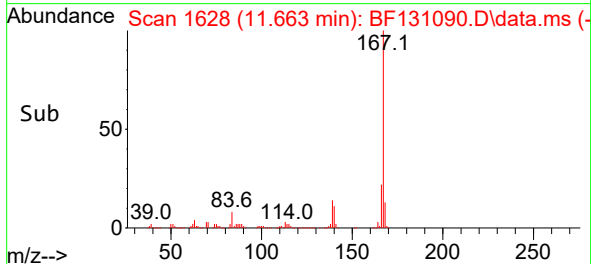
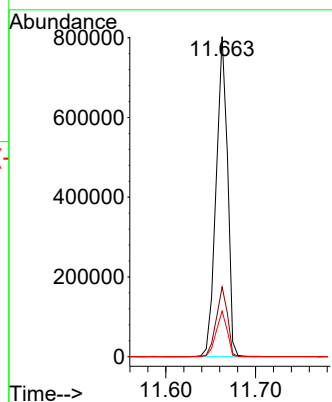
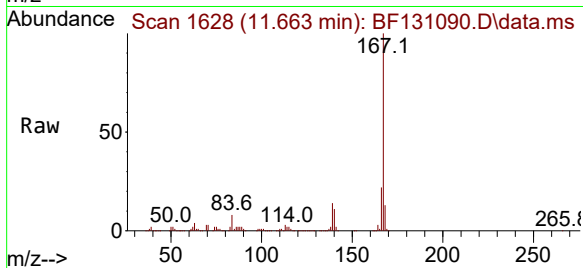


#73
 Carbazole
 Concen: 45.940 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.000 min
 Lab File: BF131090.D
 Acq: 09 Nov 2022 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB148687BS

Tgt Ion:167 Resp: 708467

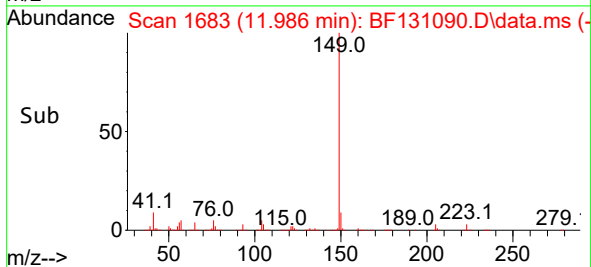
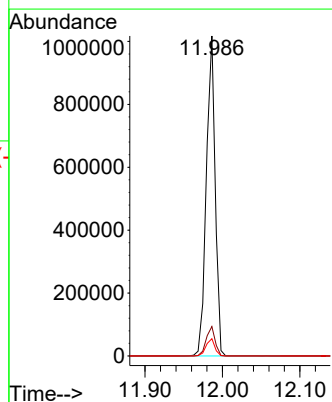
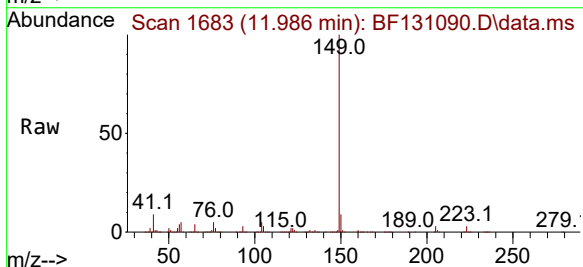
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	14.2	10.8	16.2

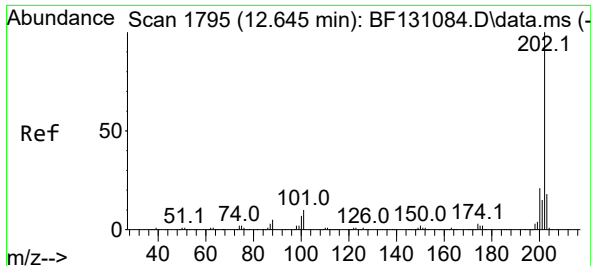


#74
 Di-n-butylphthalate
 Concen: 46.478 ng
 RT: 11.986 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: BF131090.D
 Acq: 09 Nov 2022 16:52

Tgt Ion:149 Resp: 808425

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.4	4.3	6.5

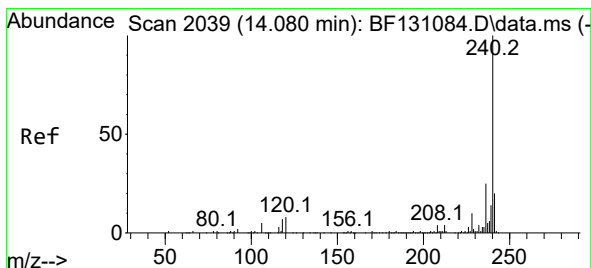
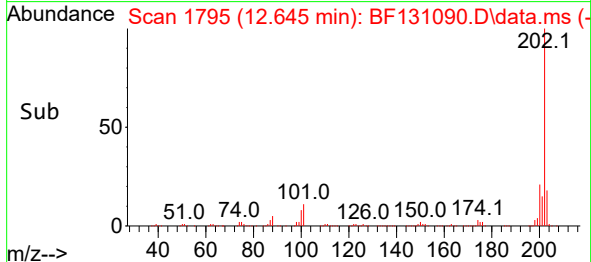
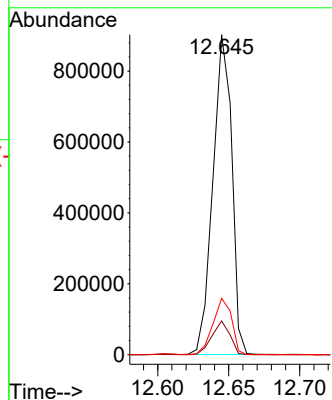
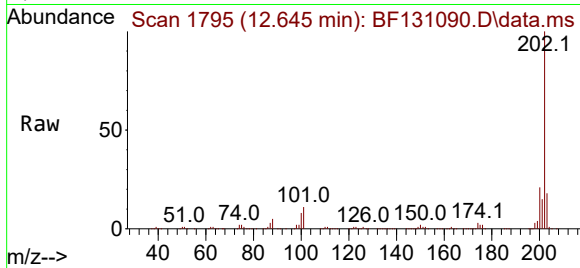




#75
Fluoranthene
Concen: 46.470 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

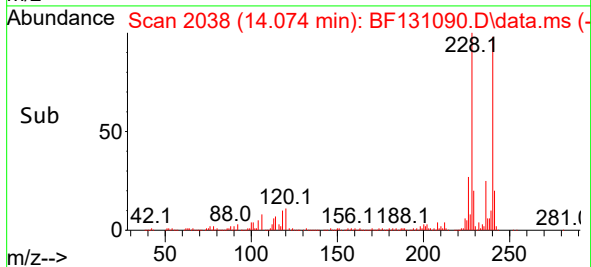
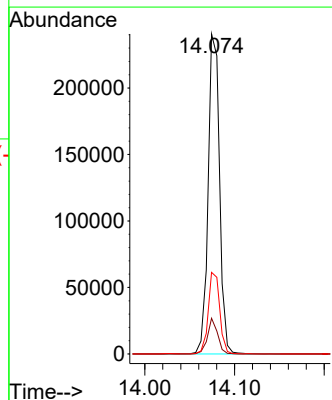
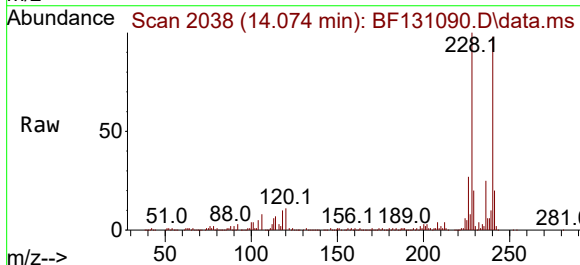
Instrument :
BNA_F
ClientSampleId :
PB148687BS

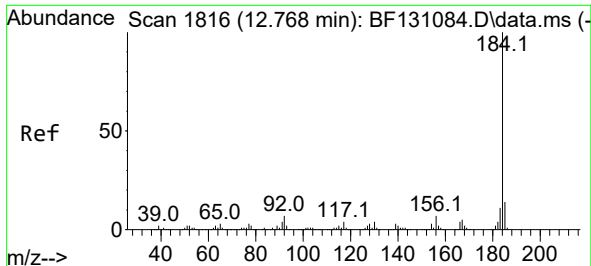
Tgt Ion:202 Resp: 831146
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.0
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:240 Resp: 212430
Ion Ratio Lower Upper
240 100
120 11.2 6.5 9.7#
236 25.5 19.7 29.5

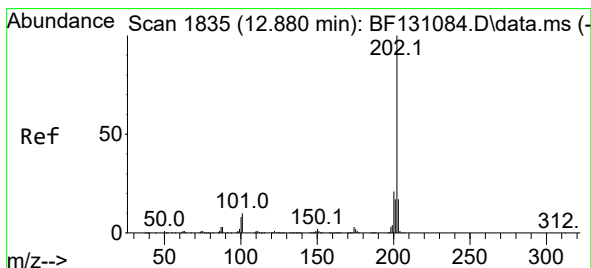
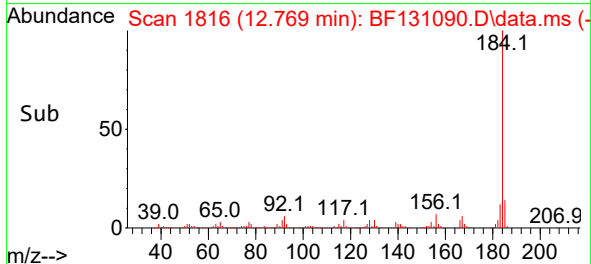
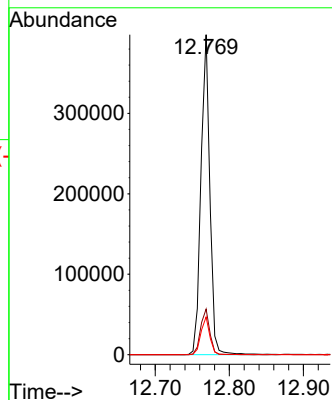
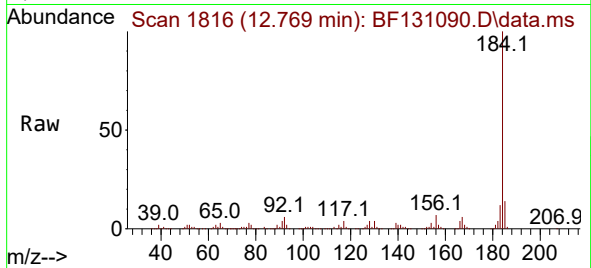




#77
Benzidine
Concen: 52.740 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

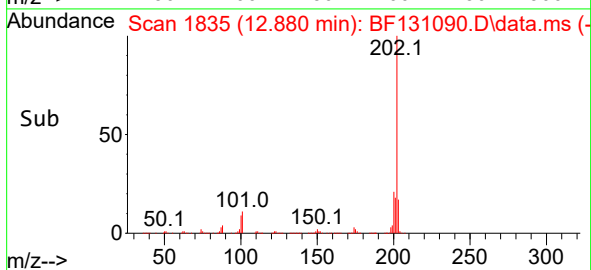
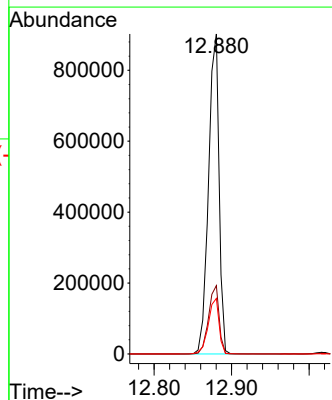
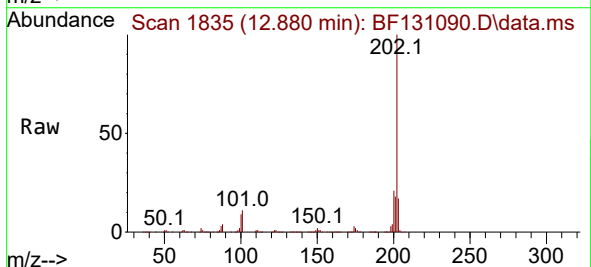
Instrument :
BNA_F
ClientSampleId :
PB148687BS

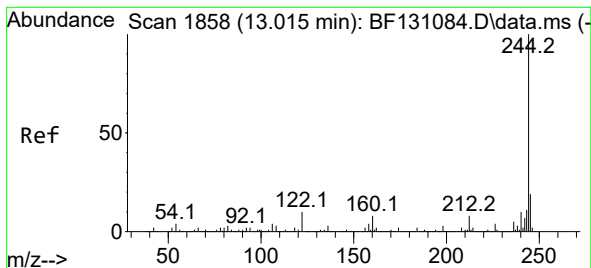
Tgt Ion:184 Resp: 330527
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.8 9.0 13.4



#78
Pyrene
Concen: 46.796 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:202 Resp: 852881
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.3 13.6 20.4





#79

Terphenyl-d14

Concen: 96.513 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

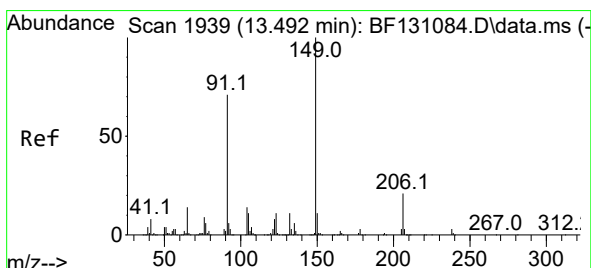
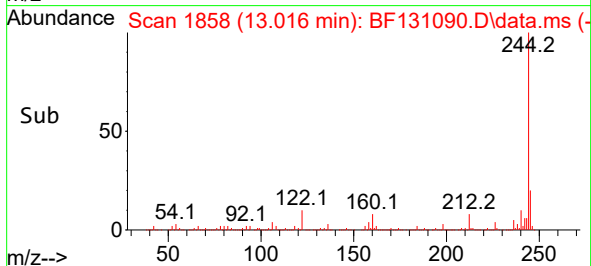
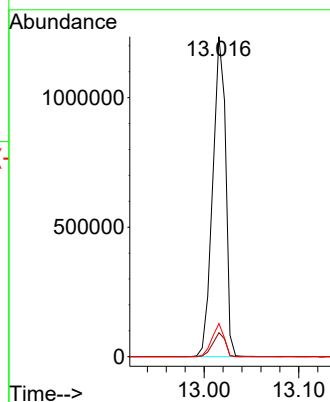
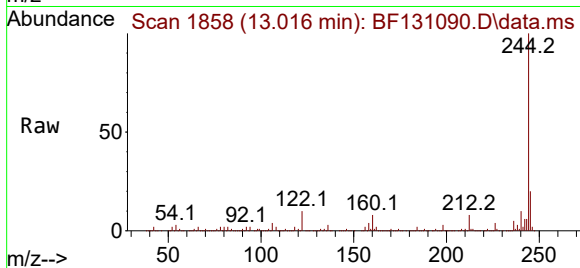
Tgt Ion:244 Resp: 1169335

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 10.3 7.8 11.8



#80

Butylbenzylphthalate

Concen: 48.904 ng

RT: 13.492 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

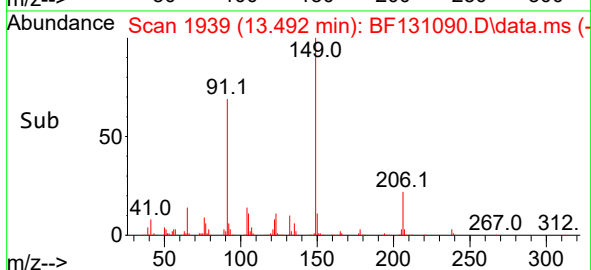
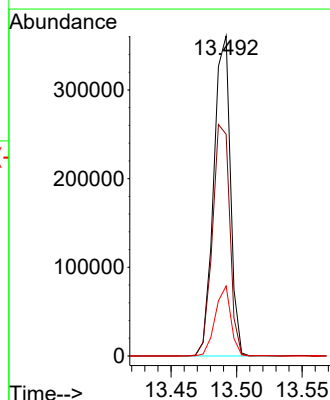
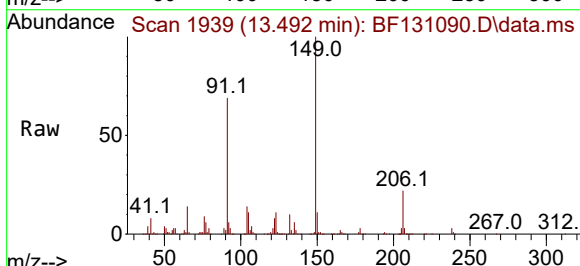
Tgt Ion:149 Resp: 319110

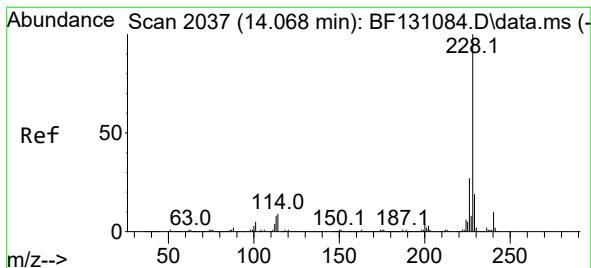
Ion Ratio Lower Upper

149 100

91 69.3 56.4 84.6

206 21.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 43.925 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

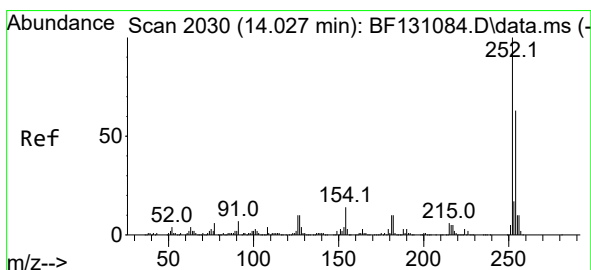
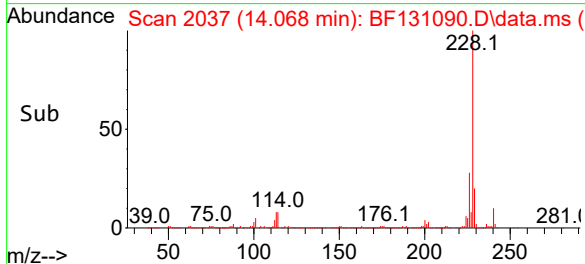
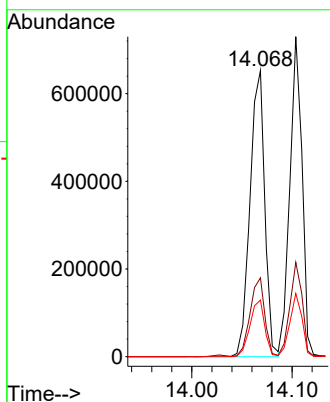
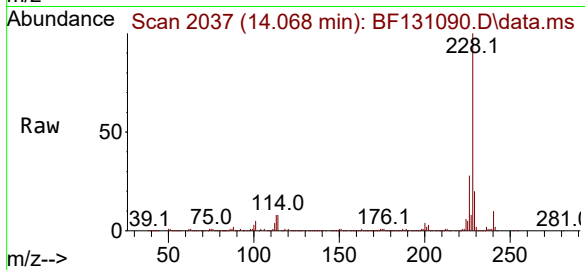
Tgt Ion:228 Resp: 666948

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

229 19.8 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 41.357 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

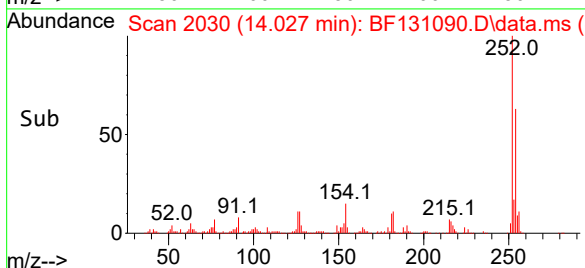
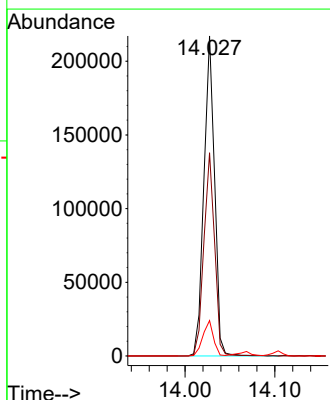
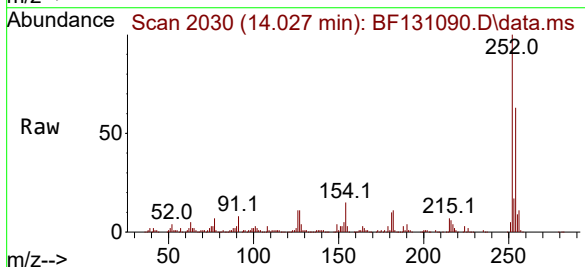
Tgt Ion:252 Resp: 179228

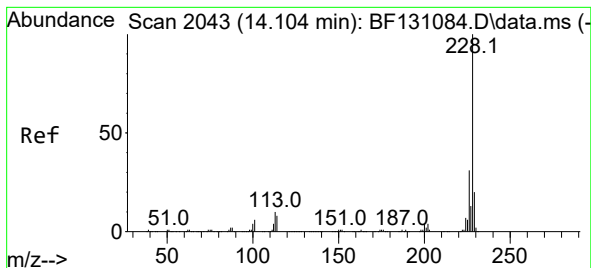
Ion Ratio Lower Upper

252 100

254 63.5 50.6 75.8

126 11.1 8.1 12.1





#83

Chrysene

Concen: 43.353 ng

RT: 14.104 min Scan# 2043

Delta R.T. -0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

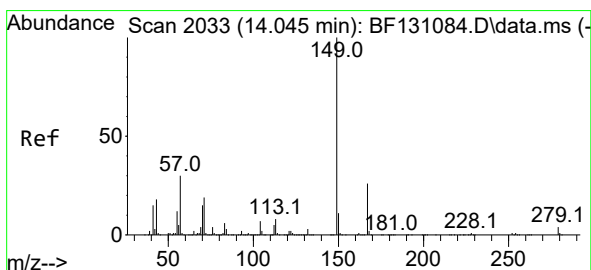
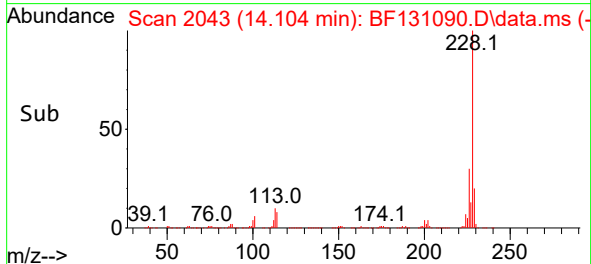
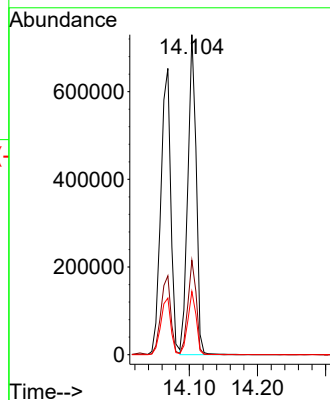
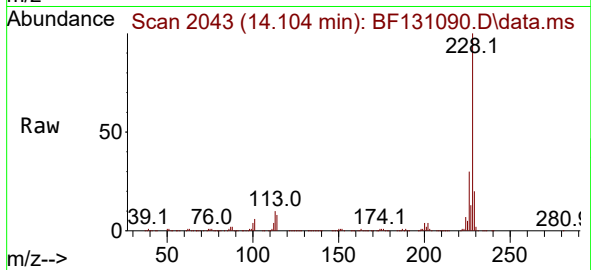
Tgt Ion:228 Resp: 621669

Ion Ratio Lower Upper

228 100

226 29.5 24.4 36.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.060 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

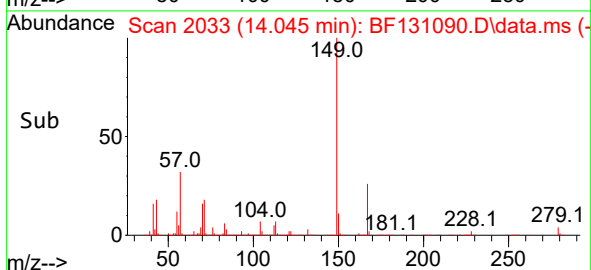
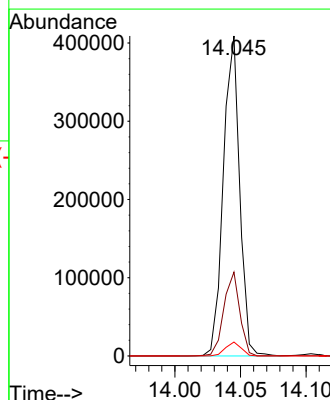
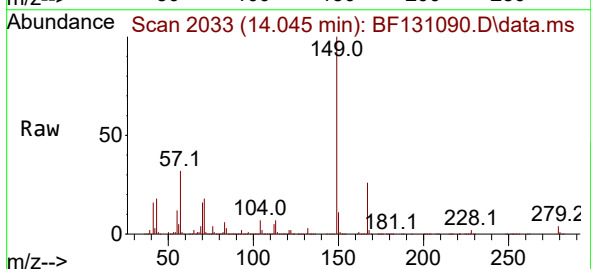
Tgt Ion:149 Resp: 352620

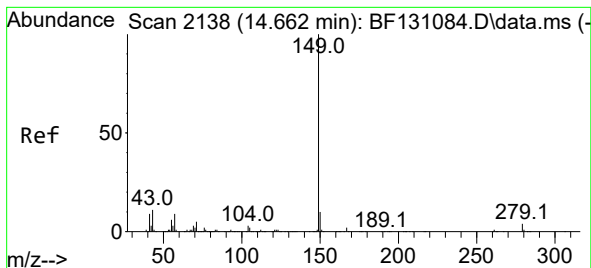
Ion Ratio Lower Upper

149 100

167 26.2 20.8 31.2

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 49.085 ng

RT: 14.663 min Scan# 2138

Delta R.T. 0.001 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

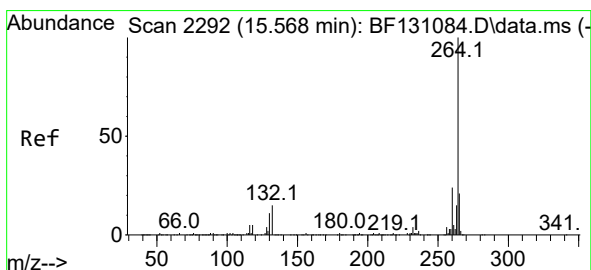
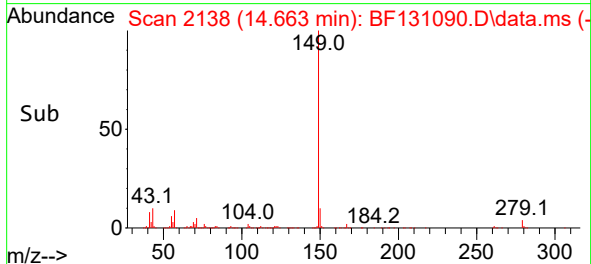
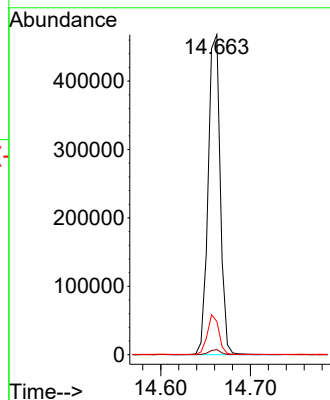
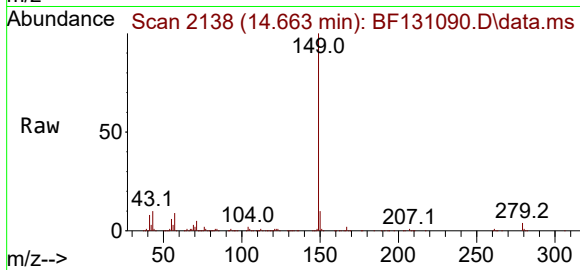
Tgt Ion:149 Resp: 438453

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.9 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2291

Delta R.T. -0.006 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

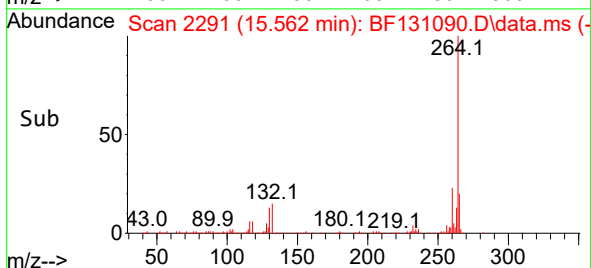
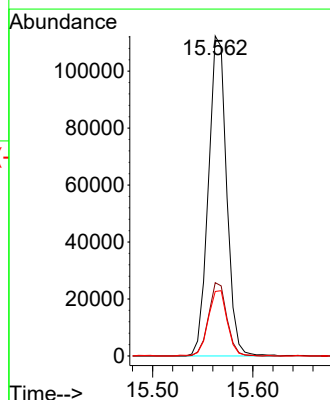
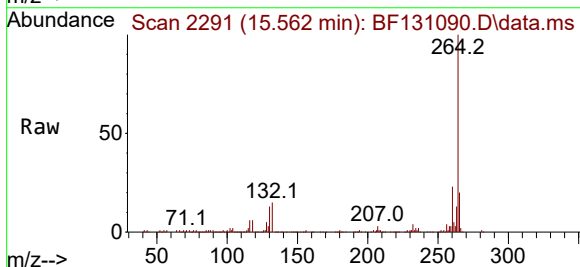
Tgt Ion:264 Resp: 141329

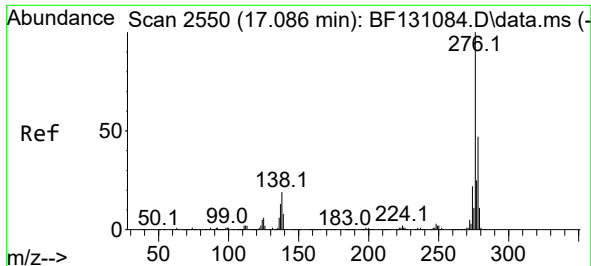
Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 20.1 16.7 25.1

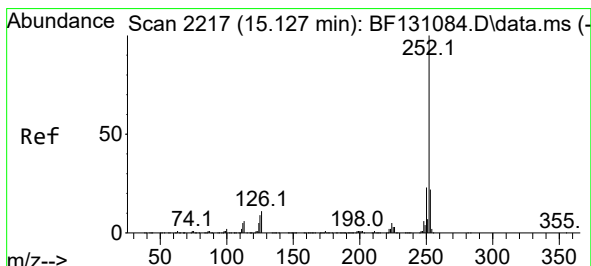
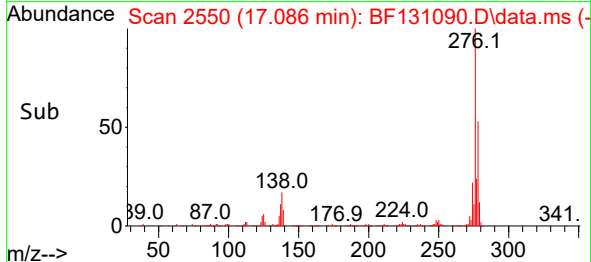
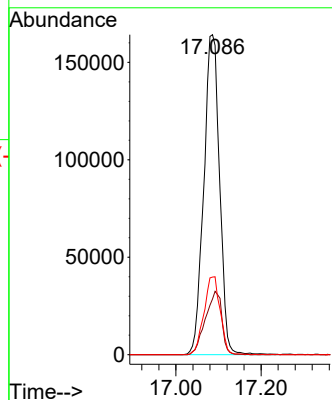
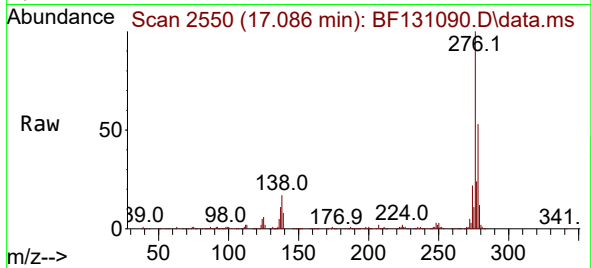




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.548 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

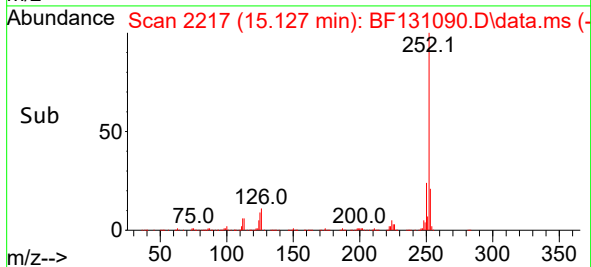
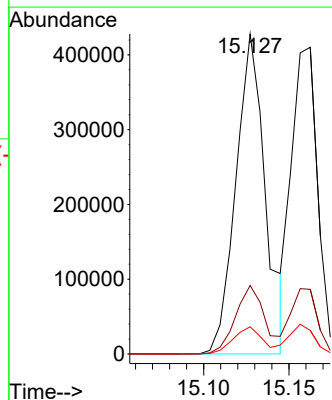
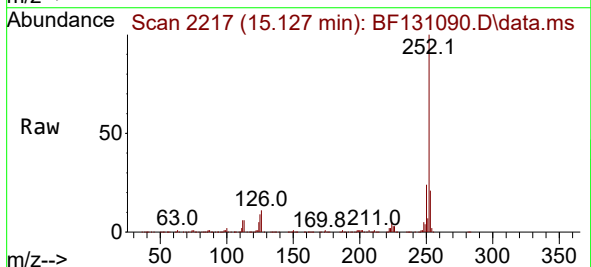
Instrument :
BNA_F
ClientSampleId :
PB148687BS

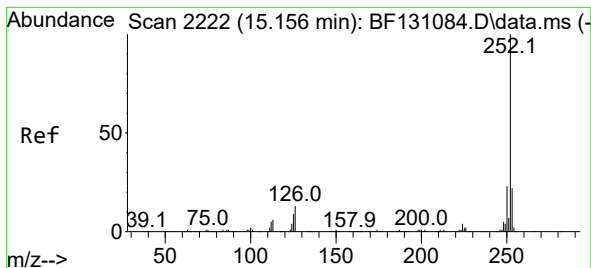
Tgt Ion:276 Resp: 423613
Ion Ratio Lower Upper
276 100
138 20.5 16.9 25.3
277 25.1 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 51.395 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:252 Resp: 513544
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 8.5 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 45.784 ng

RT: 15.163 min Scan# 21

Delta R.T. 0.007 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

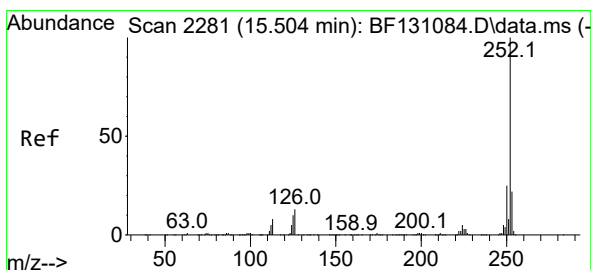
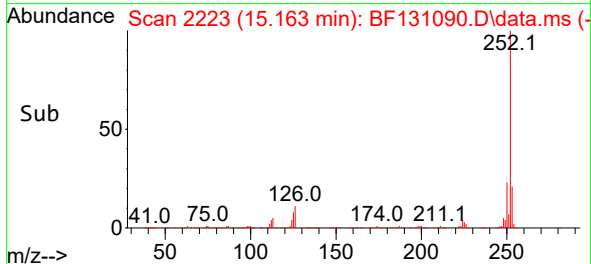
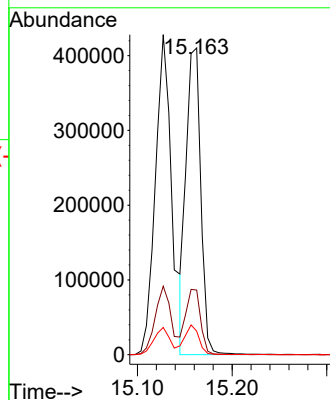
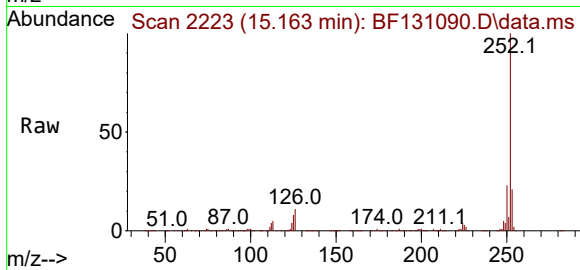
Tgt Ion:252 Resp: 439709

Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

125 7.7 7.5 11.3



#90

Benzo(a)pyrene

Concen: 49.951 ng

RT: 15.504 min Scan# 2281

Delta R.T. -0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

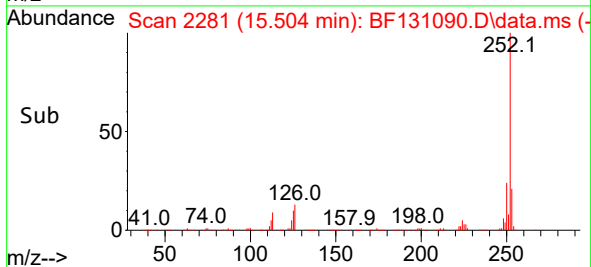
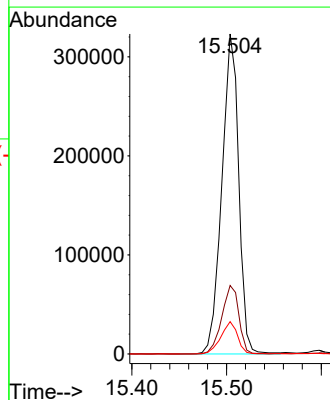
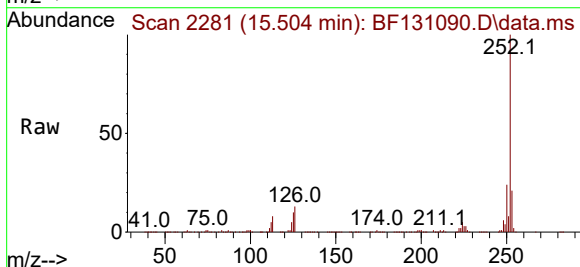
Tgt Ion:252 Resp: 400151

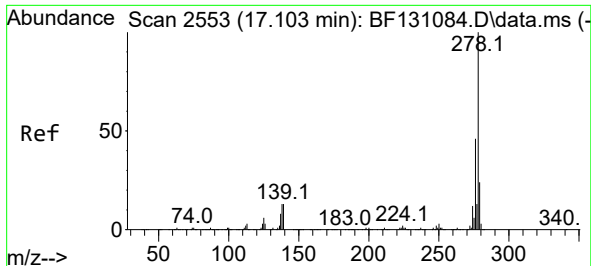
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 10.1 8.1 12.1

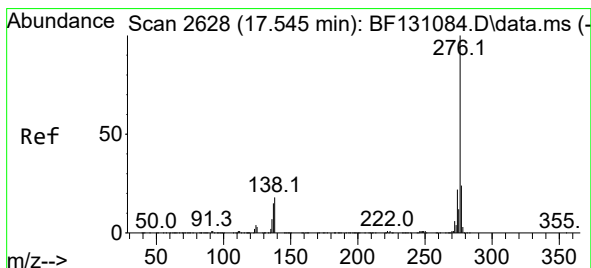
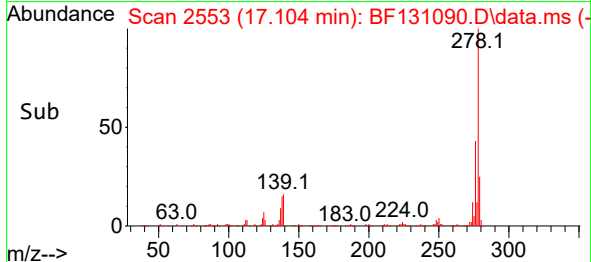
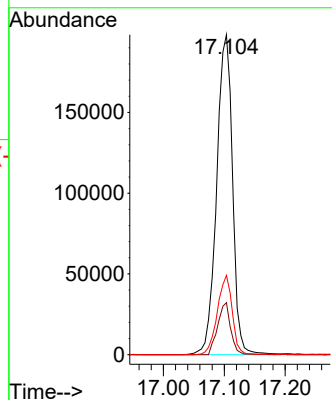
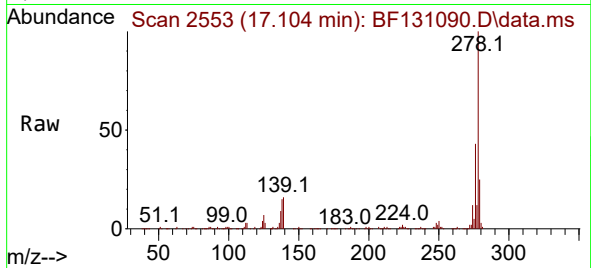




#91
Dibenzo(a,h)anthracene
Concen: 39.050 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.001 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Instrument :
BNA_F
ClientSampleId :
PB148687BS

Tgt Ion:278 Resp: 358628
Ion Ratio Lower Upper
278 100
139 16.3 10.8 16.2#
279 24.8 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 41.147 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:276 Resp: 402147
Ion Ratio Lower Upper
276 100
277 25.1 19.0 28.4
138 18.0 14.6 21.8

