

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133094.D
 Acq On : 27 Apr 2023 12:15
 Operator : CG\JU
 Sample : PB152410BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152410BS

Quant Time: Apr 28 02:05:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	197994	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	795223	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	414621	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	743732	20.000	ng	0.00
76) Chrysene-d12	13.898	240	522731	20.000	ng	0.00
86) Perylene-d12	15.310	264	466023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1610777	122.895	ng	0.02
7) Phenol-d6	6.387	99	1935068	118.947	ng	0.00
23) Nitrobenzene-d5	7.304	82	1201270	81.538	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	530094	127.127	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	2027725	81.819	ng	0.00
79) Terphenyl-d14	12.845	244	2430867	80.203	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	203447	33.465	ng	97
3) Pyridine	3.175	79	535564	33.168	ng	98
4) n-Nitrosodimethylamine	3.134	42	305307	36.504	ng	95
6) Aniline	6.398	93	709472	33.860	ng	# 26
8) 2-Chlorophenol	6.522	128	601979	45.235	ng	97
9) Benzaldehyde	6.281	77	321788	44.626	ng	99
10) Phenol	6.398	94	698472	38.919	ng	# 70
11) bis(2-Chloroethyl)ether	6.475	93	564658	41.927	ng	99
12) 1,3-Dichlorobenzene	6.681	146	624949	44.170	ng	98
13) 1,4-Dichlorobenzene	6.757	146	628556	44.327	ng	98
14) 1,2-Dichlorobenzene	6.910	146	610170	46.674	ng	99
15) Benzyl Alcohol	6.887	79	465116	41.389	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	918498	39.266	ng	95
17) 2-Methylphenol	7.004	107	505256	41.463	ng	98
18) Hexachloroethane	7.251	117	216616	43.939	ng	98
19) n-Nitroso-di-n-propyla...	7.163	70	383058	37.822	ng	94
20) 3+4-Methylphenols	7.157	107	582417	40.585	ng	# 89
22) Acetophenone	7.151	105	791973	42.993	ng	# 98
24) Nitrobenzene	7.328	77	607510	40.693	ng	95
25) Isophorone	7.563	82	1100750	39.351	ng	99
26) 2-Nitrophenol	7.640	139	334178	46.409	ng	96
27) 2,4-Dimethylphenol	7.687	122	536127	43.421	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	658007	39.763	ng	100
29) 2,4-Dichlorophenol	7.887	162	476855	42.424	ng	98
30) 1,2,4-Trichlorobenzene	7.969	180	503449	43.234	ng	99
31) Naphthalene	8.045	128	1613131	40.573	ng	99
32) Benzoic acid	7.816	122	383320	50.260	ng	96
33) 4-Chloroaniline	8.092	127	371860	23.149	ng	99
34) Hexachlorobutadiene	8.163	225	272242	42.182	ng	100
35) Caprolactam	8.469	113	109962	29.121	ng	90
36) 4-Chloro-3-methylphenol	8.581	107	516965	42.650	ng	98
37) 2-Methylnaphthalene	8.734	142	1087233	39.998	ng	99
38) 1-Methylnaphthalene	8.834	142	1016155	39.962	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	451187	40.473	ng	100
41) Hexachlorocyclopentadiene	8.892	237	589473	90.667	ng	98
43) 2,4,6-Trichlorophenol	9.016	196	322534	41.835	ng	99

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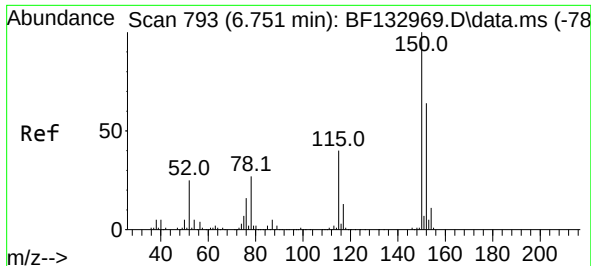
Quant Time: Apr 28 02:05:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	350065	39.261	ng	97
46) 1,1'-Biphenyl	9.198	154	1337776	40.690	ng	99
47) 2-Chloronaphthalene	9.222	162	997494	41.451	ng	98
48) 2-Nitroaniline	9.322	65	322894	40.600	ng	95
49) Acenaphthylene	9.639	152	1549742	40.304	ng	99
50) Dimethylphthalate	9.504	163	1170570	40.489	ng	99
51) 2,6-Dinitrotoluene	9.563	165	277464	42.641	ng	87
52) Acenaphthene	9.810	154	996414	38.692	ng	100
53) 3-Nitroaniline	9.728	138	246716	31.888	ng	99
54) 2,4-Dinitrophenol	9.839	184	337658	103.235	ng	92
55) Dibenzofuran	9.981	168	1400804	39.876	ng	98
56) 4-Nitrophenol	9.904	139	539228	89.984	ng	97
57) 2,4-Dinitrotoluene	9.969	165	375972	45.307	ng	# 82
58) Fluorene	10.328	166	1044631	40.589	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	300324	43.446	ng	97
60) Diethylphthalate	10.204	149	1103604	40.413	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	498846	39.774	ng	97
62) 4-Nitroaniline	10.345	138	330849	46.526	ng	97
63) Azobenzene	10.475	77	1095599	37.873	ng	98
65) 4,6-Dinitro-2-methylph...	10.375	198	217275	48.198	ng	91
66) n-Nitrosodiphenylamine	10.439	169	955070	39.589	ng	98
67) 4-Bromophenyl-phenylether	10.804	248	319755	39.641	ng	97
68) Hexachlorobenzene	10.875	284	361815	43.775	ng	96
69) Atrazine	10.969	200	318165	45.770	ng	96
70) Pentachlorophenol	11.069	266	453063	76.966	ng	97
71) Phenanthrene	11.280	178	1627290	40.709	ng	100
72) Anthracene	11.333	178	1653594	40.422	ng	99
73) Carbazole	11.492	167	1553560	42.650	ng	100
74) Di-n-butylphthalate	11.822	149	1754879	42.572	ng	100
75) Fluoranthene	12.469	202	1687026	42.052	ng	98
77) Benzidine	12.592	184	846513	95.763	ng	# 93
78) Pyrene	12.698	202	1752191	39.103	ng	99
80) Butylbenzylphthalate	13.321	149	743649	46.870	ng	98
81) Benzo(a)anthracene	13.886	228	1459280	40.596	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	413190	41.609	ng	99
83) Chrysene	13.921	228	1436785	39.980	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	851096	42.737	ng	99
85) Di-n-octyl phthalate	14.492	149	1591777	49.020	ng	97
87) Indeno(1,2,3-cd)pyrene	16.698	276	1194653	45.067	ng	99
88) Benzo(b)fluoranthene	14.910	252	1346760	45.425	ng	99
89) Benzo(k)fluoranthene	14.939	252	1269089	43.182	ng	99
90) Benzo(a)pyrene	15.257	252	1080979	40.058	ng	99
91) Dibenzo(a,h)anthracene	16.715	278	994816	44.995	ng	98
92) Benzo(g,h,i)perylene	17.115	276	999480	45.790	ng	98

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

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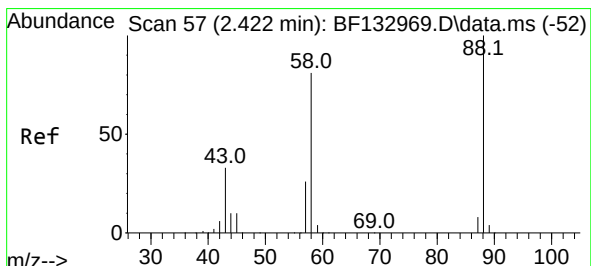
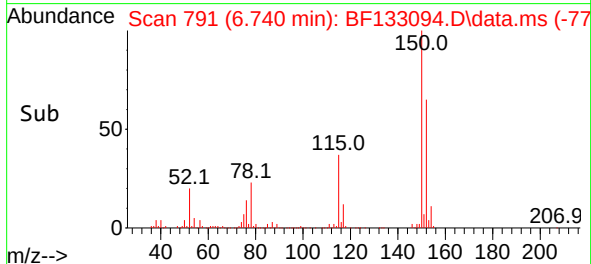
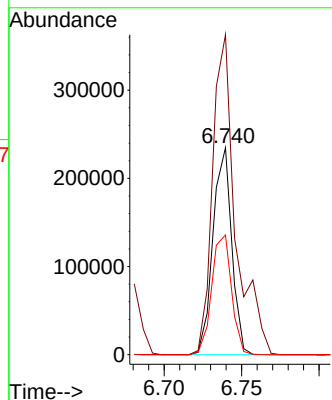
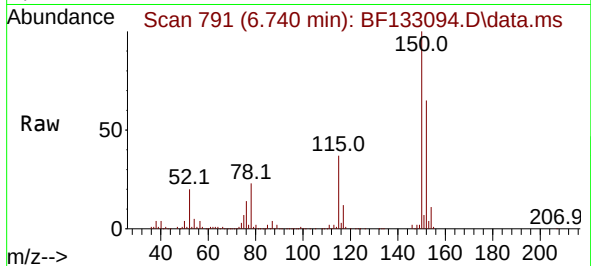




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: BF133094.D
 Acq: 27 Apr 2023 12:15

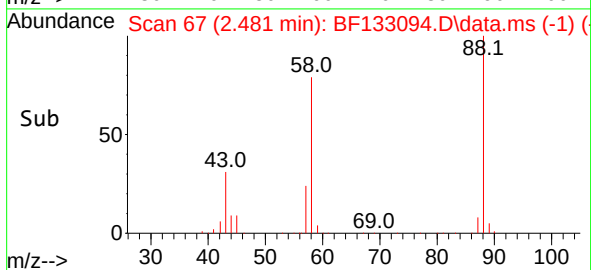
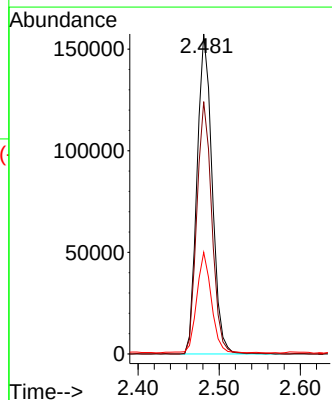
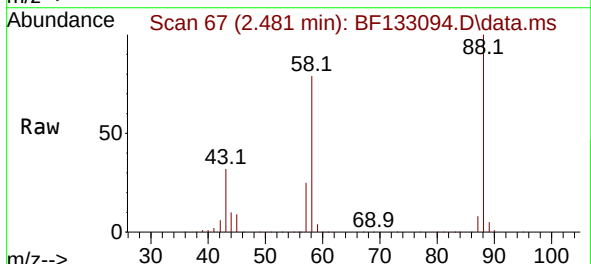
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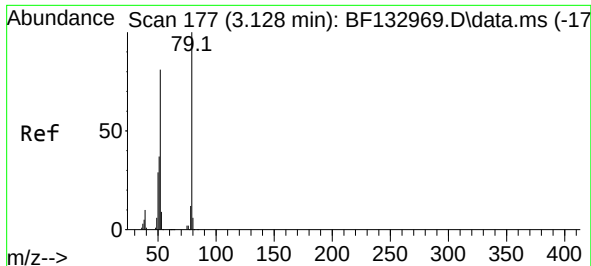
Tgt Ion:152 Resp: 197994
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.8 187.2
 115 57.8 49.9 74.9



#2
 1,4-Dioxane
 Concen: 33.465 ng
 RT: 2.481 min Scan# 67
 Delta R.T. 0.088 min
 Lab File: BF133094.D
 Acq: 27 Apr 2023 12:15

Tgt Ion: 88 Resp: 203447
 Ion Ratio Lower Upper
 88 100
 58 78.9 64.7 97.1
 43 30.5 26.2 39.2

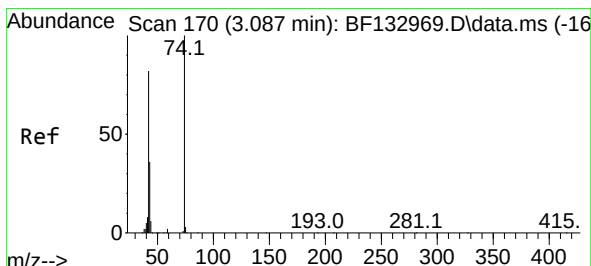
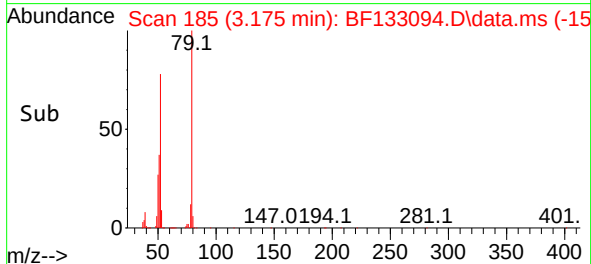
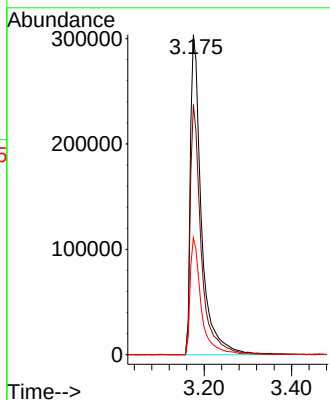
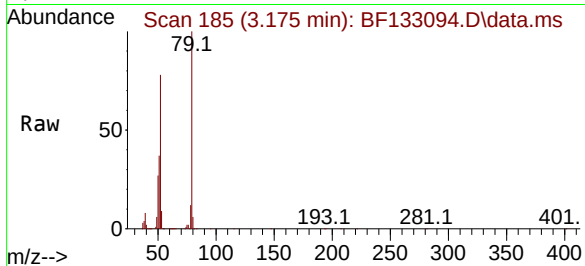




#3
Pyridine
Concen: 33.168 ng
RT: 3.175 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

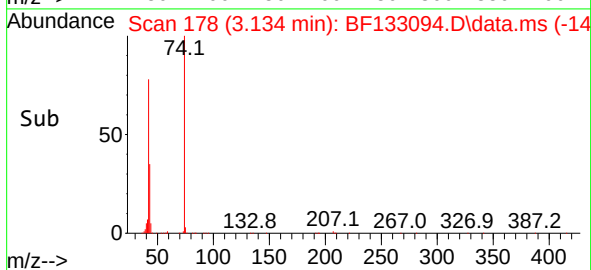
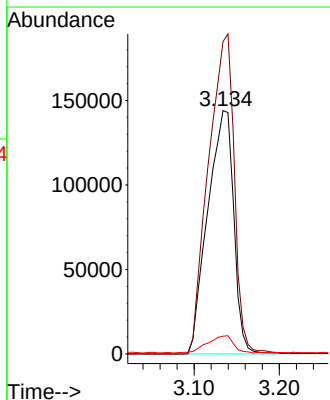
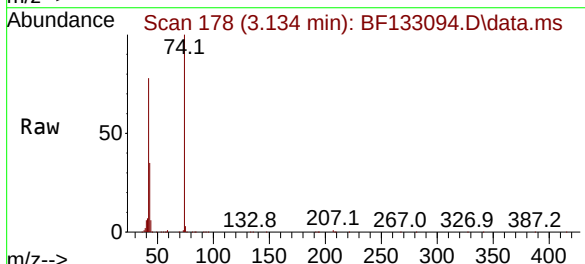
Instrument :
BNA_F
ClientSampleId :
PB152410BS

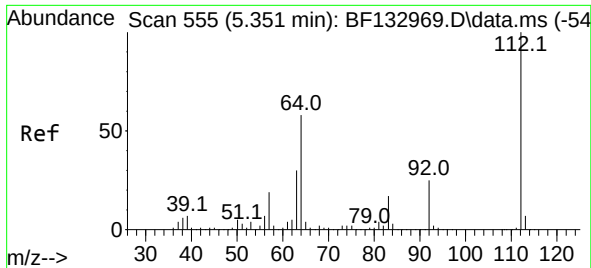
Tgt Ion: 79 Resp: 535564
Ion Ratio Lower Upper
79 100
52 78.2 64.6 96.8
51 36.6 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 36.504 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.082 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion: 42 Resp: 305307
Ion Ratio Lower Upper
42 100
74 128.3 98.0 147.0
44 7.3 5.8 8.8

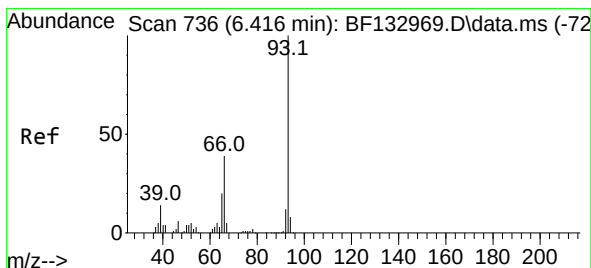
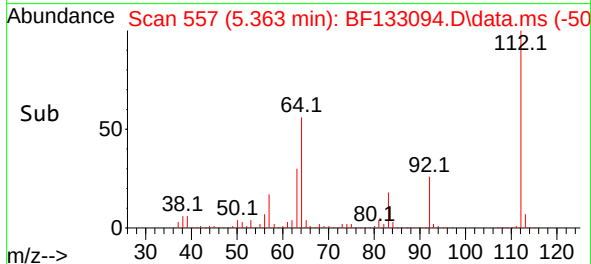
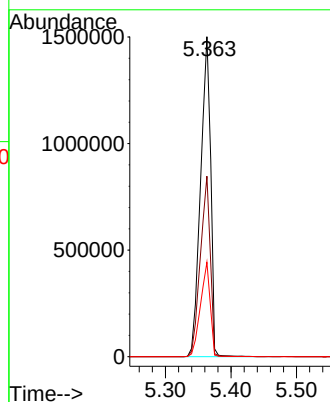
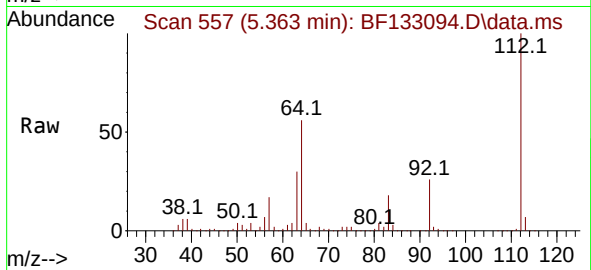




#5
2-Fluorophenol
Concen: 122.895 ng
RT: 5.363 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

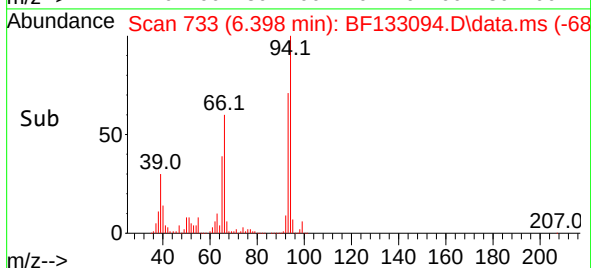
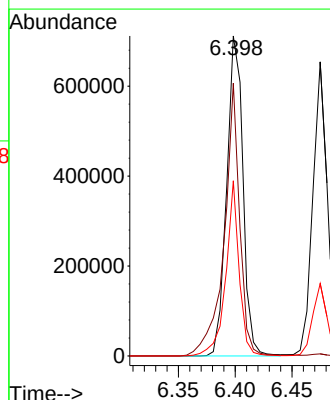
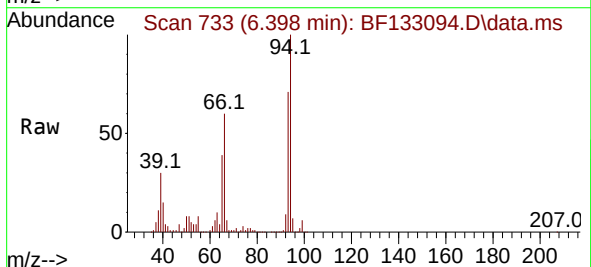
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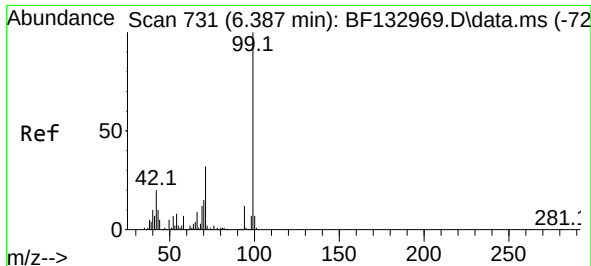
Tgt Ion:112 Resp: 1610777
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 29.5 23.8 35.8



#6
Aniline
Concen: 33.860 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion: 93 Resp: 709472
Ion Ratio Lower Upper
93 100
66 85.3 31.5 47.3#
65 54.8 16.4 24.6#





#7

Phenol-d6

Concen: 118.947 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

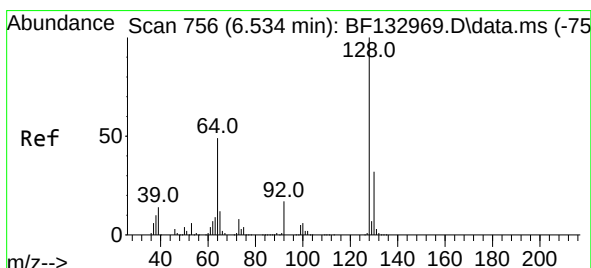
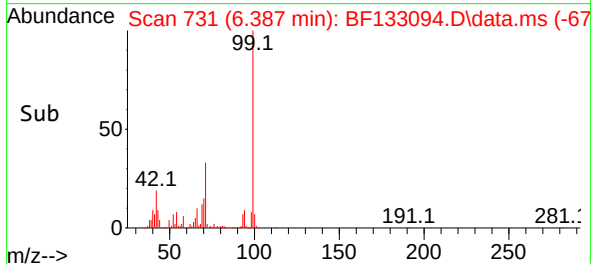
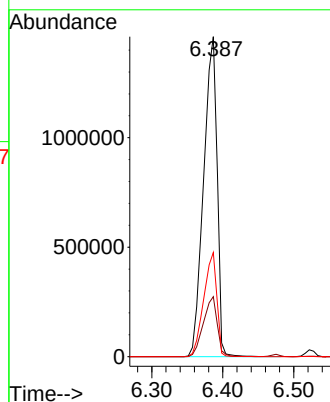
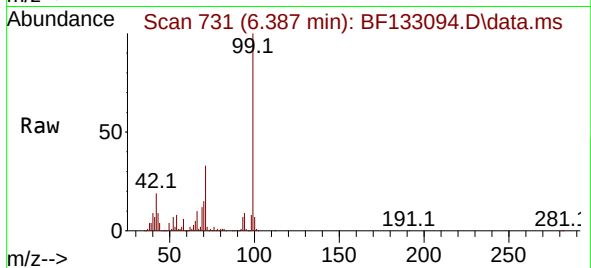
BNA_F

ClientSampleId :

PB152410BS

Tgt Ion: 99 Resp: 1935068

Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.3	24.5
71	32.6	25.6	38.4



#8

2-Chlorophenol

Concen: 45.235 ng

RT: 6.522 min Scan# 754

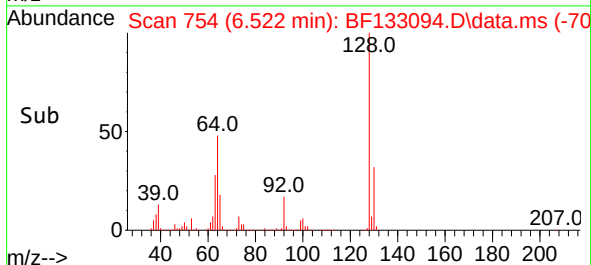
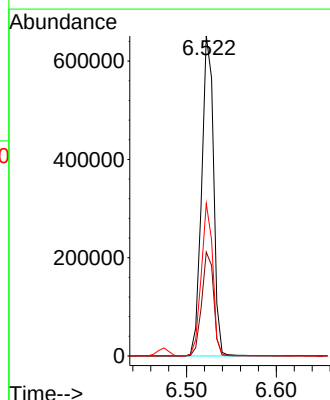
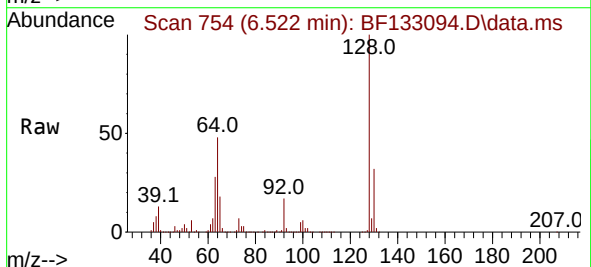
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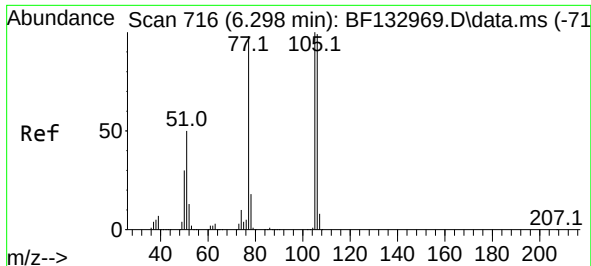
Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Tgt Ion:128 Resp: 601979

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	47.6	30.3	70.3

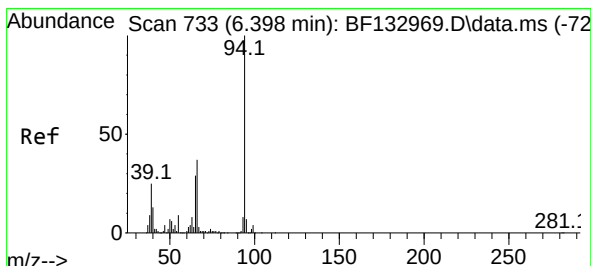
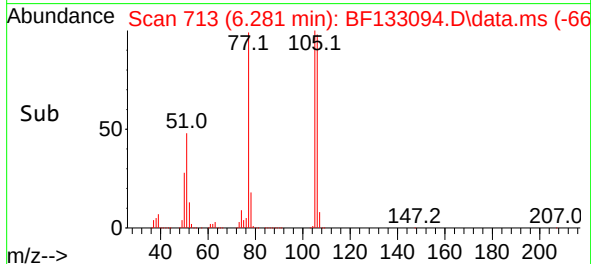
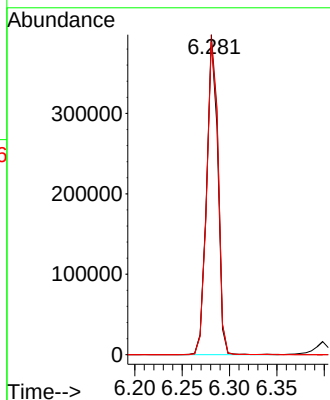
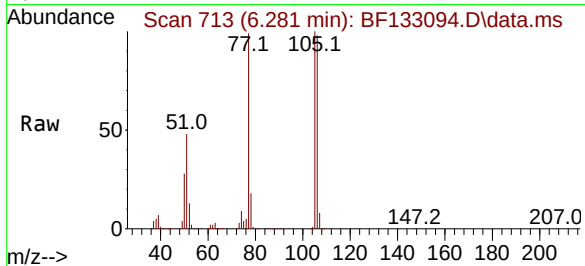




#9
Benzaldehyde
Concen: 44.626 ng
RT: 6.281 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

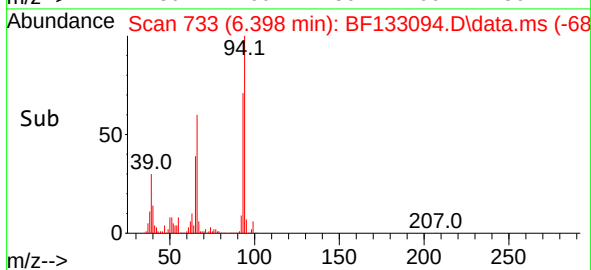
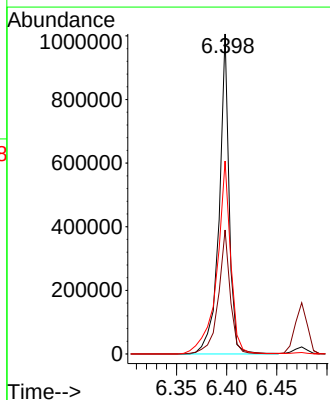
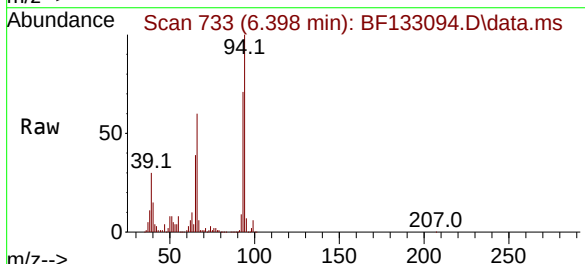
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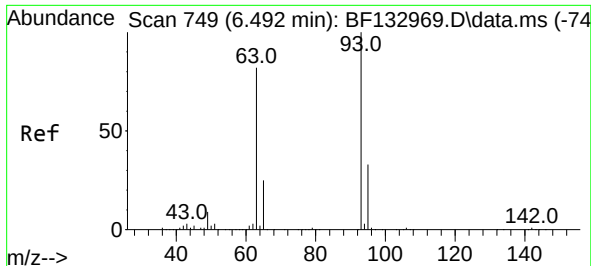
Tgt Ion: 77 Resp: 321788
Ion Ratio Lower Upper
77 100
105 101.4 82.3 122.3
106 99.0 80.8 120.8



#10
Phenol
Concen: 38.919 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion: 94 Resp: 698472
Ion Ratio Lower Upper
94 100
65 38.7 8.6 48.6
66 60.3 17.3 57.3#

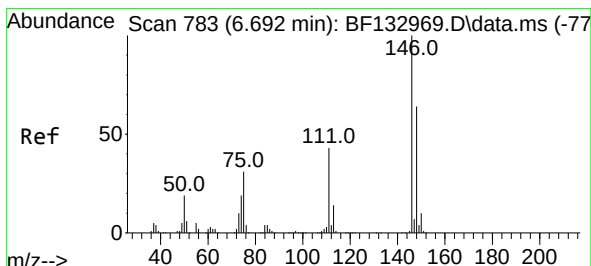
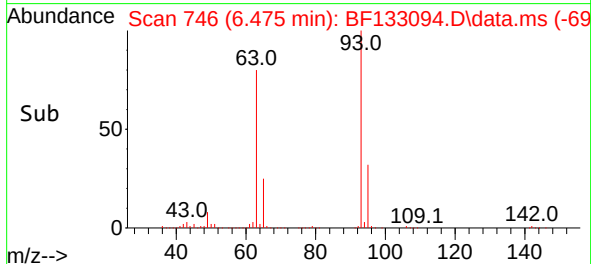
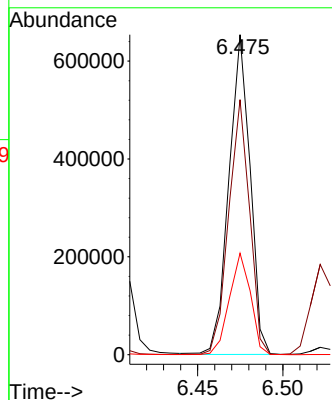
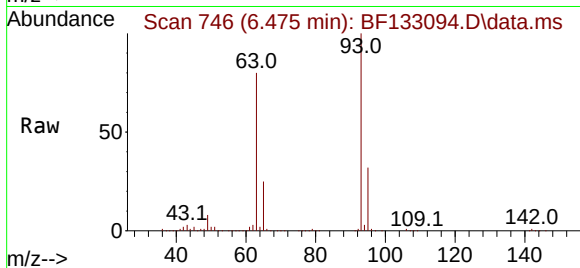




#11
bis(2-Chloroethyl)ether
Concen: 41.927 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

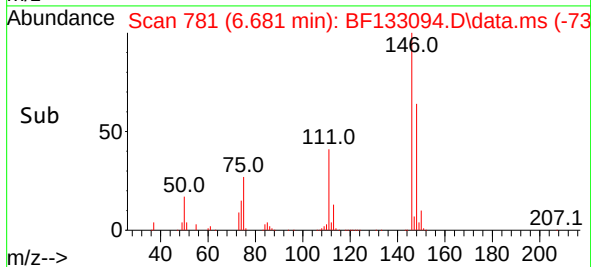
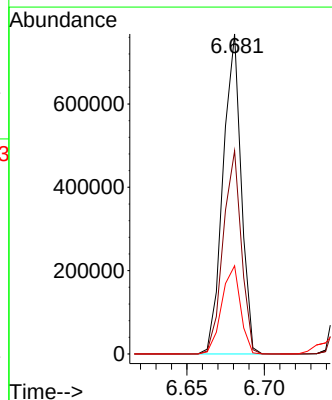
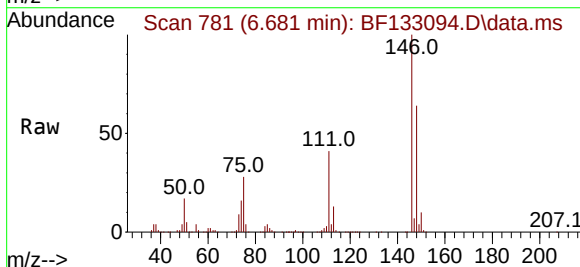
Instrument :
BNA_F
ClientSampleId :
PB152410BS

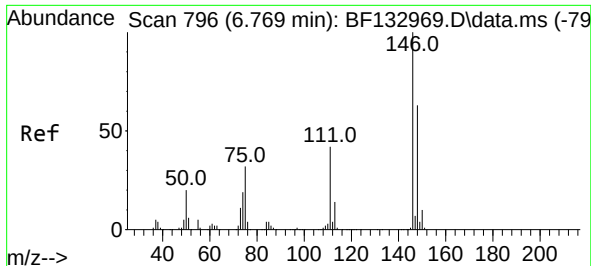
Tgt Ion: 93 Resp: 564658
Ion Ratio Lower Upper
93 100
63 79.7 60.6 100.6
95 31.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.170 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion: 146 Resp: 624949
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 27.6 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 44.327 ng

RT: 6.757 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

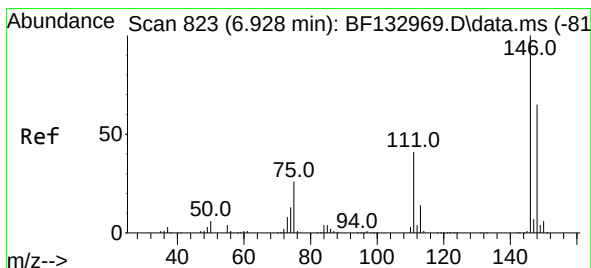
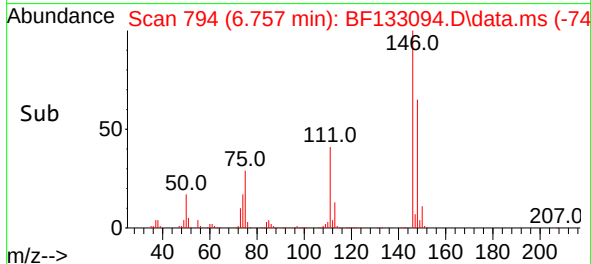
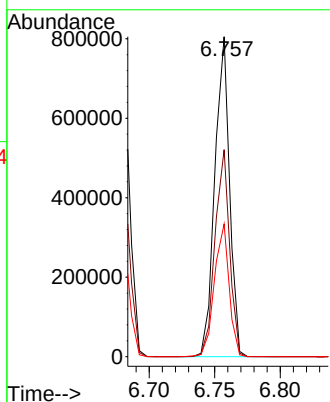
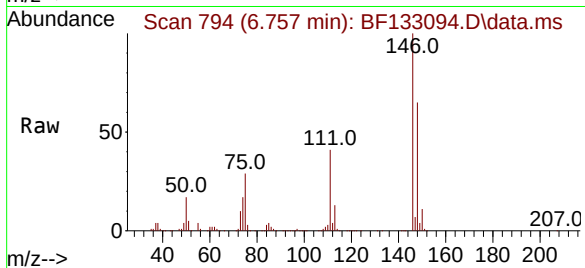
Tgt Ion:146 Resp: 628556

Ion Ratio Lower Upper

146 100

148 64.7 50.3 75.5

111 41.5 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 46.674 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

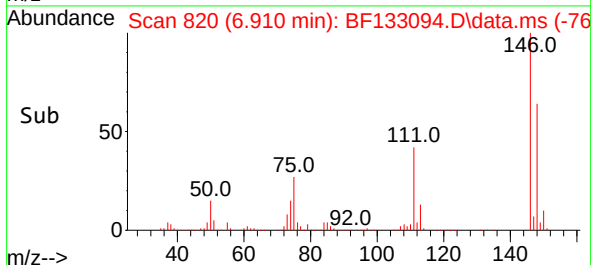
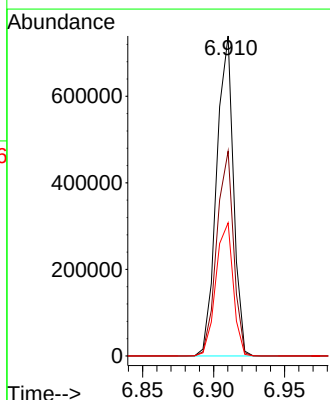
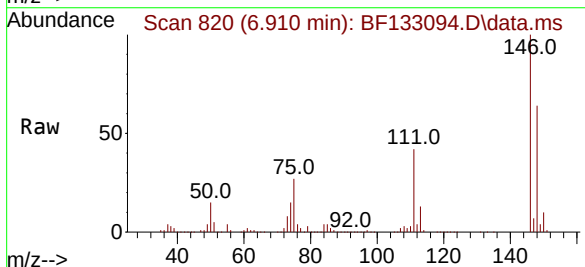
Tgt Ion:146 Resp: 610170

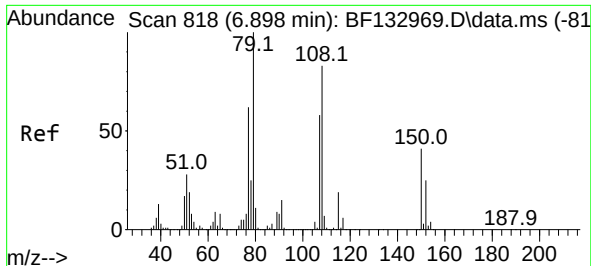
Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

111 41.6 32.8 49.2

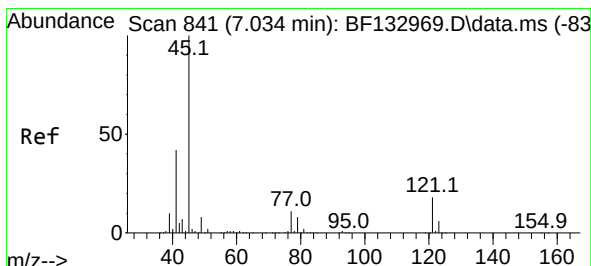
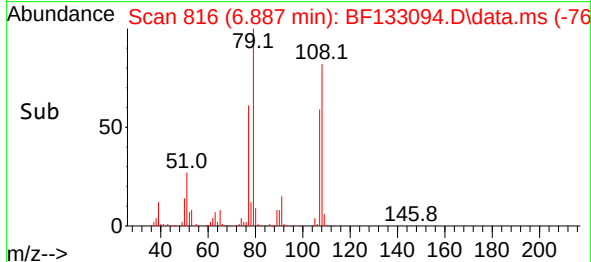
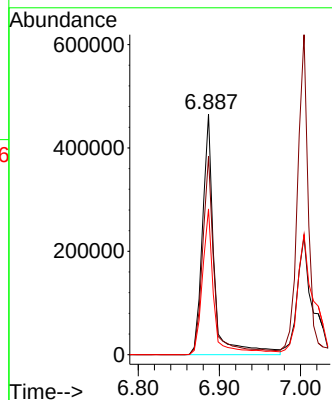
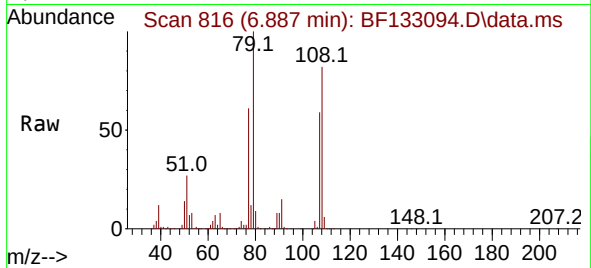




#15
Benzyl Alcohol
Concen: 41.389 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

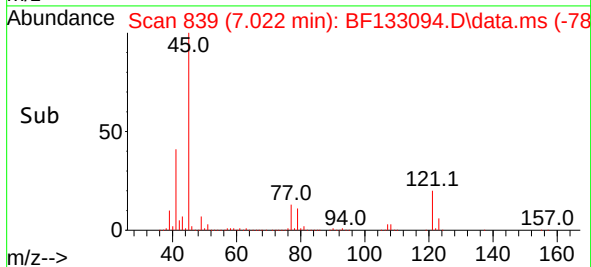
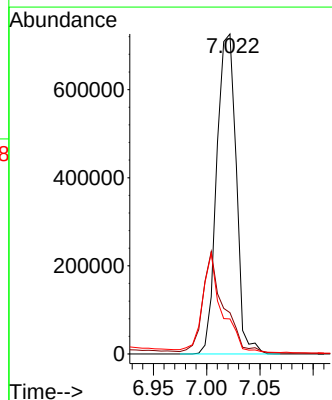
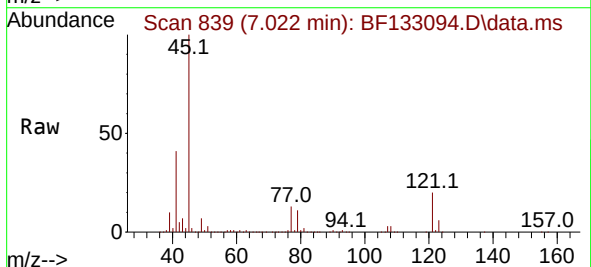
Instrument :
BNA_F
ClientSampleId :
PB152410BS

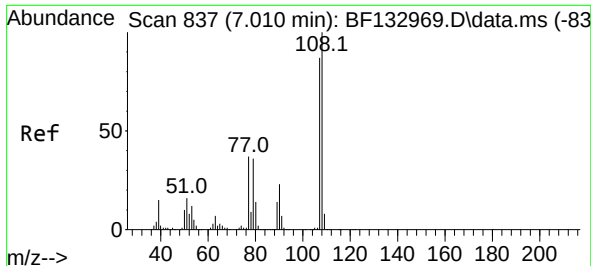
Tgt Ion: 79 Resp: 465116
Ion Ratio Lower Upper
79 100
108 82.4 66.6 99.8
77 60.6 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.266 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion: 45 Resp: 918498
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.5
79 10.9 0.0 28.7

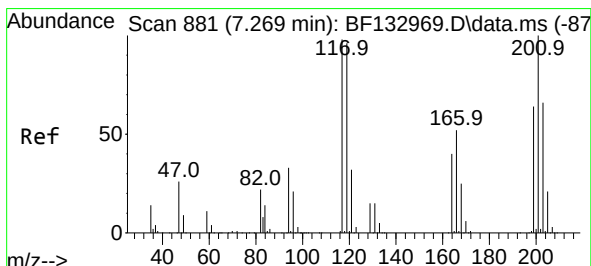
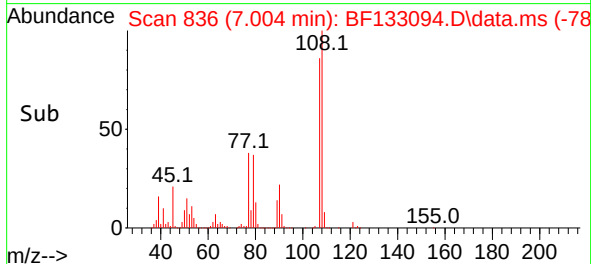
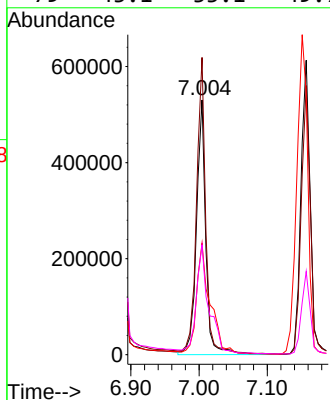
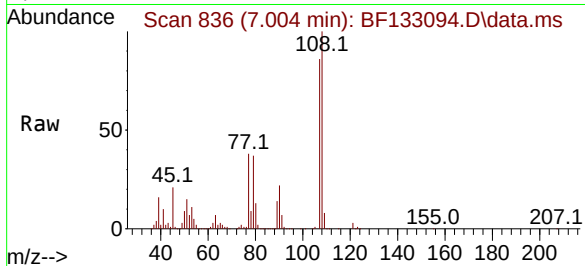




#17
2-Methylphenol
Concen: 41.463 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

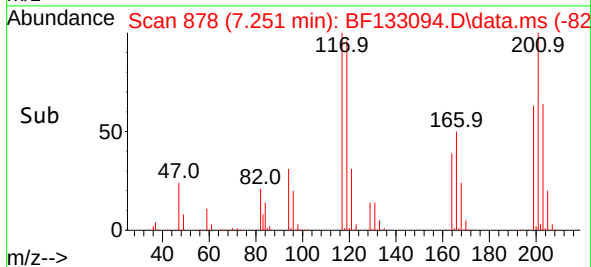
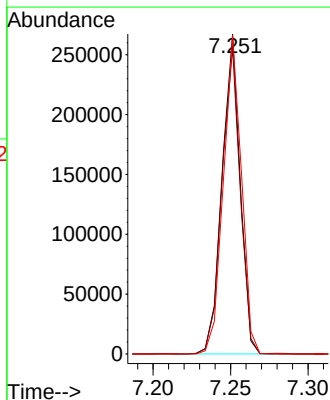
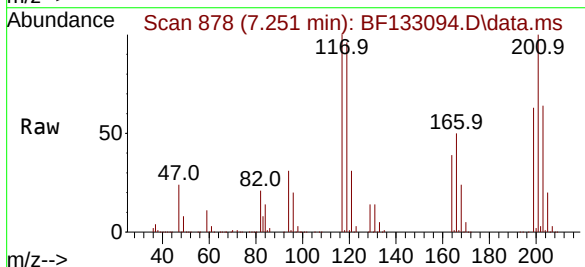
Instrument :
BNA_F
ClientSampleId :
PB152410BS

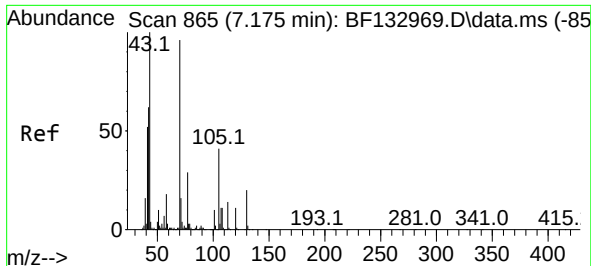
Tgt Ion:	107	Resp:	505256
Ion	Ratio	Lower	Upper
107	100		
108	116.8	92.4	138.6
77	43.8	33.8	50.8
79	43.1	33.1	49.7



#18
Hexachloroethane
Concen: 43.939 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:	117	Resp:	216616
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.2	117.4
201	99.6	81.7	122.5

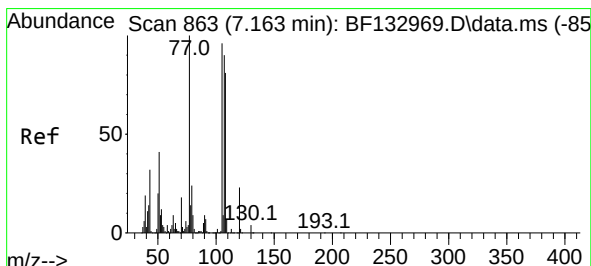
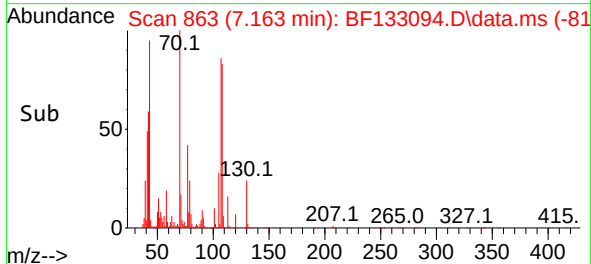
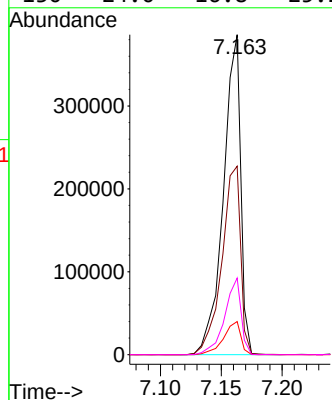
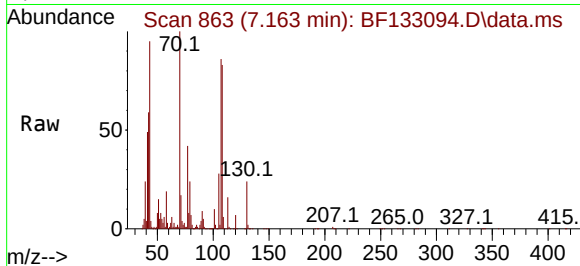




#19
n-Nitroso-di-n-propylamine
Concen: 37.822 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

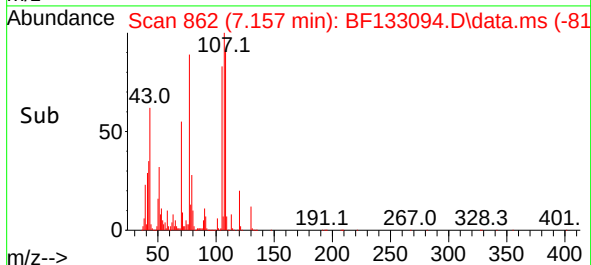
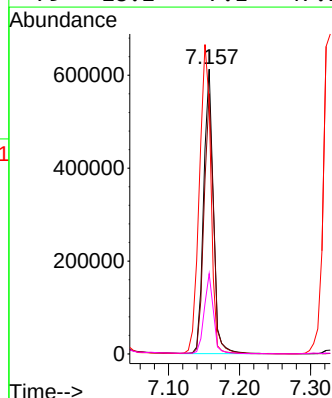
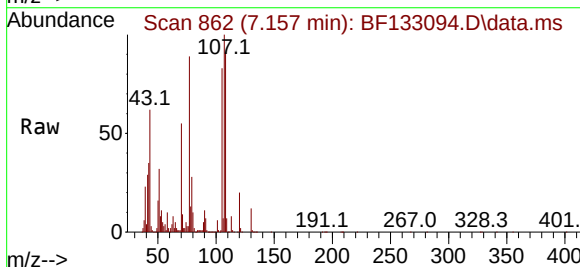
Instrument :
BNA_F
ClientSampleId :
PB152410BS

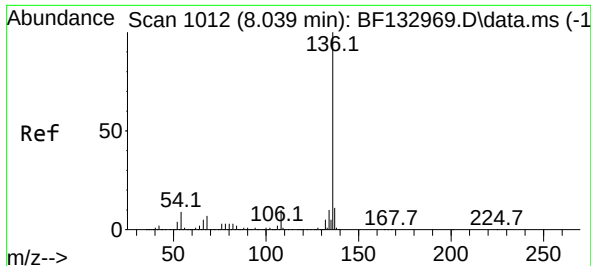
Tgt Ion: 70 Resp: 383058
Ion Ratio Lower Upper
70 100
42 58.9 51.8 77.6
101 10.4 8.0 12.0
130 24.0 16.8 25.2



#20
3+4-Methylphenols
Concen: 40.585 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:107 Resp: 582417
Ion Ratio Lower Upper
107 100
108 91.4 70.5 110.5
77 88.6 91.7 131.7#
79 28.2 7.1 47.1

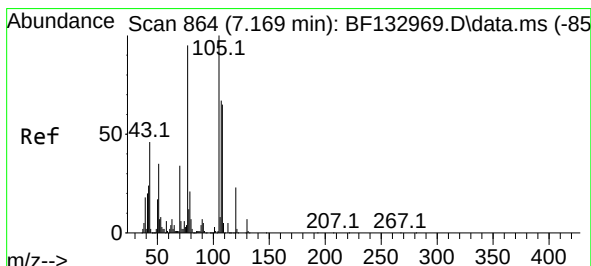
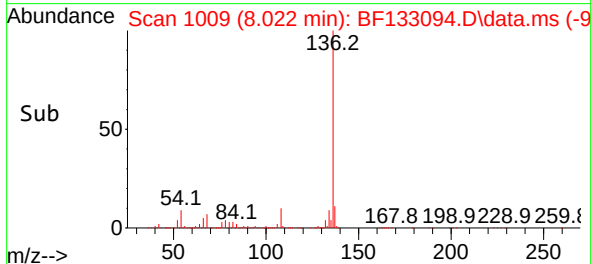
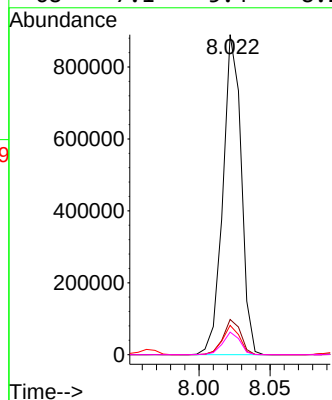
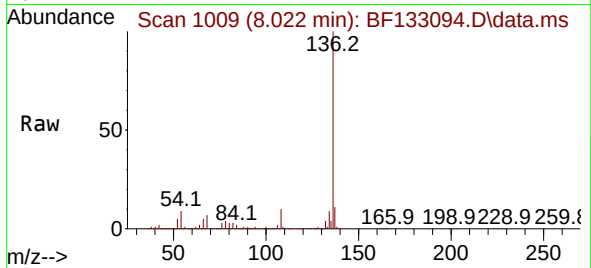




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

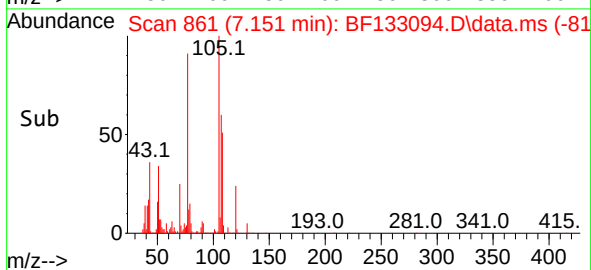
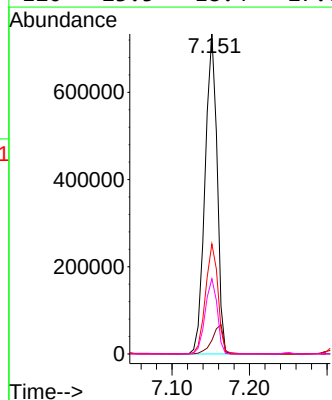
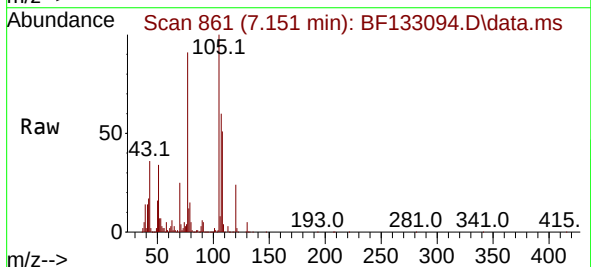
Instrument :
BNA_F
ClientSampleId :
PB152410BS

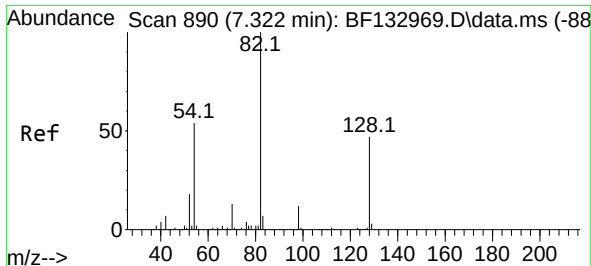
Tgt	Ion:136	Resp:	795223
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.1	7.0	10.4
68	7.1	5.4	8.2



#22
Acetophenone
Concen: 42.993 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt	Ion:105	Resp:	791973
Ion	Ratio	Lower	Upper
105	100		
71	4.3	4.6	7.0#
51	34.4	28.2	42.2
120	23.5	18.4	27.6





#23

Nitrobenzene-d5

Concen: 81.538 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

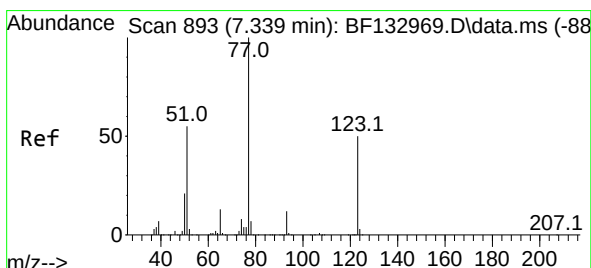
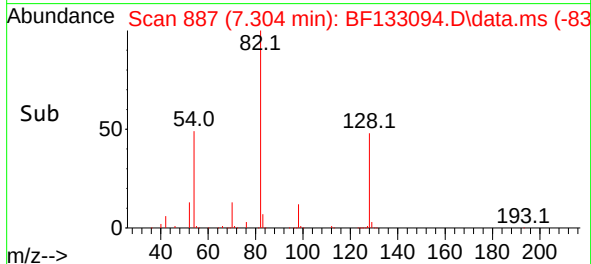
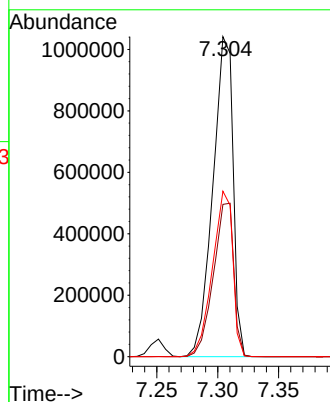
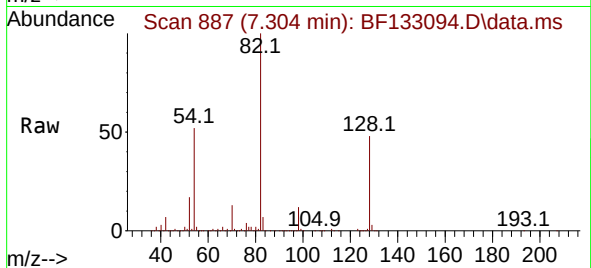
Tgt Ion: 82 Resp: 1201270

Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

54 51.7 43.0 64.4



#24

Nitrobenzene

Concen: 40.693 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

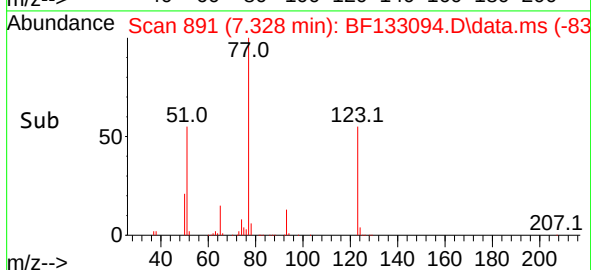
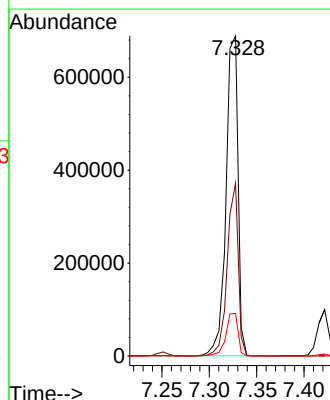
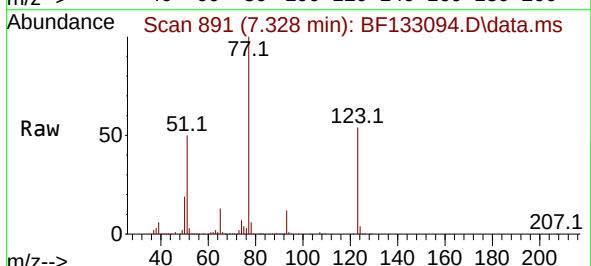
Tgt Ion: 77 Resp: 607510

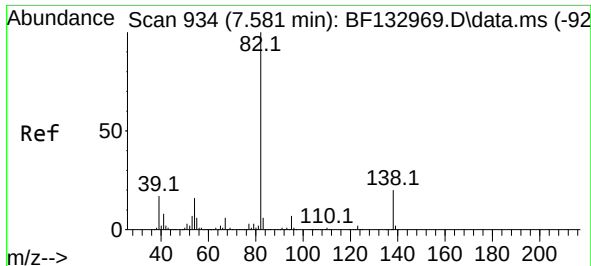
Ion Ratio Lower Upper

77 100

123 53.9 39.9 59.9

65 13.3 10.7 16.1

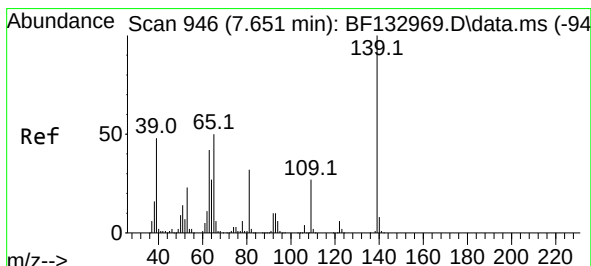
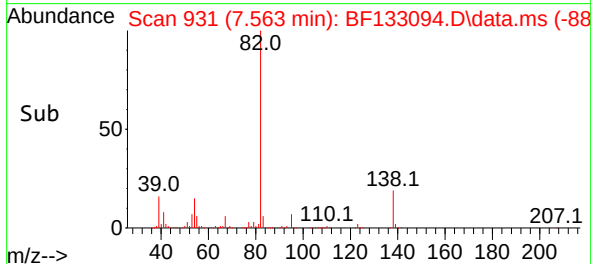
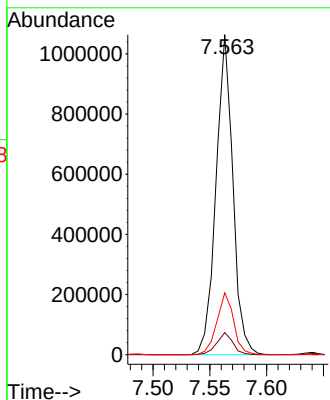
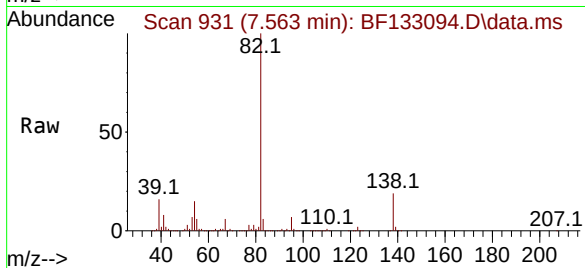




#25
Isophorone
Concen: 39.351 ng
RT: 7.563 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

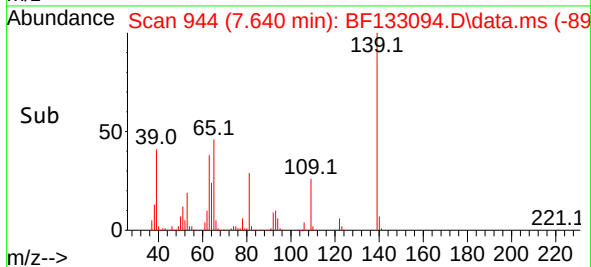
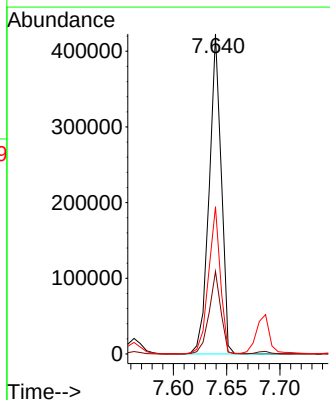
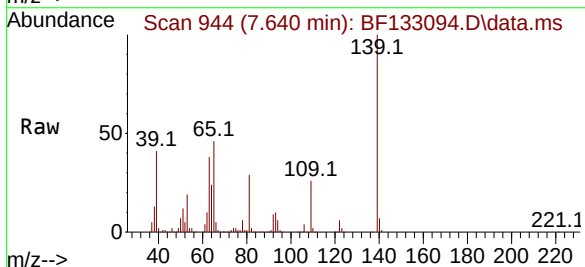
Instrument :
BNA_F
ClientSampleId :
PB152410BS

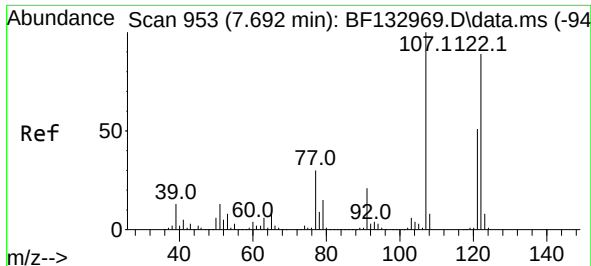
Tgt Ion: 82 Resp: 1100750
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.4 16.0 24.0



#26
2-Nitrophenol
Concen: 46.409 ng
RT: 7.640 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:139 Resp: 334178
Ion Ratio Lower Upper
139 100
109 25.8 21.6 32.4
65 46.0 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 43.421 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

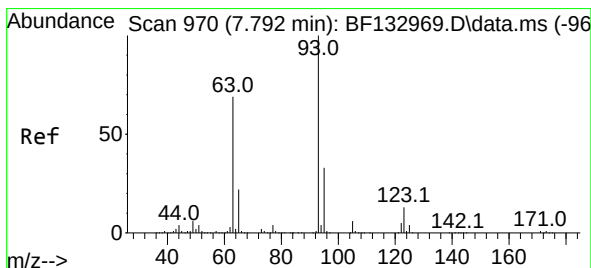
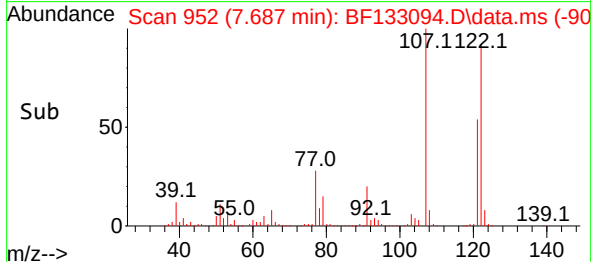
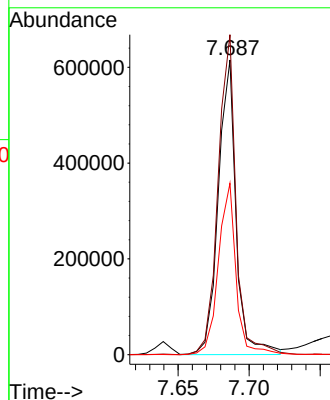
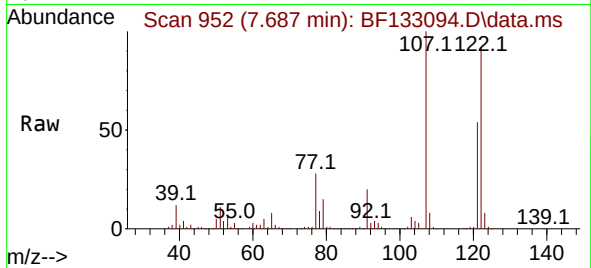
Tgt Ion:122 Resp: 536127

Ion Ratio Lower Upper

122 100

107 108.6 89.7 134.5

121 58.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.763 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

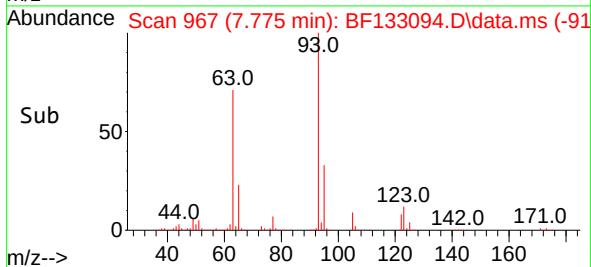
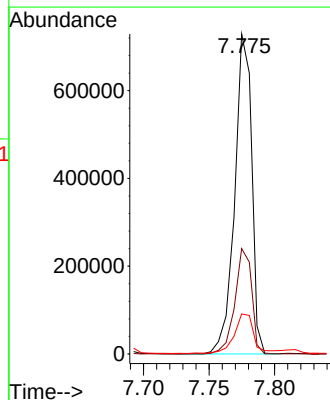
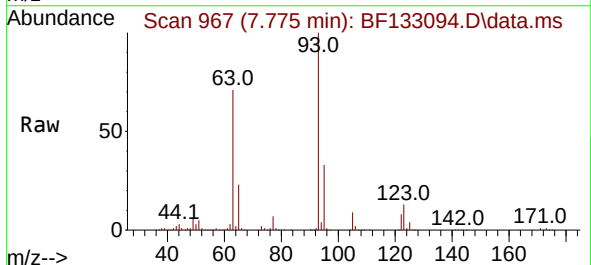
Tgt Ion: 93 Resp: 658007

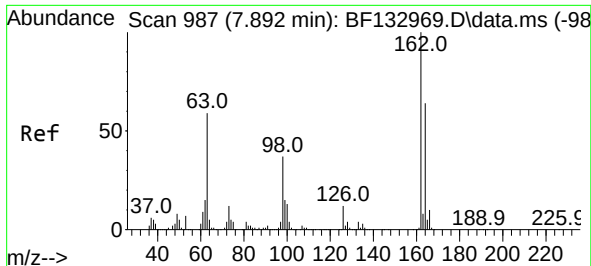
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 42.424 ng

RT: 7.887 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

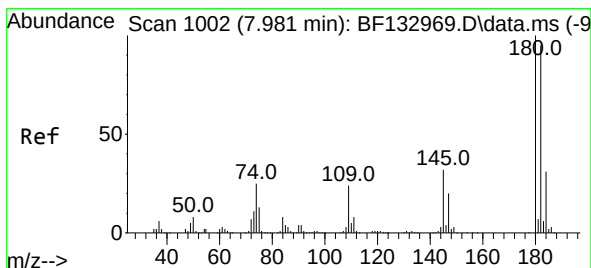
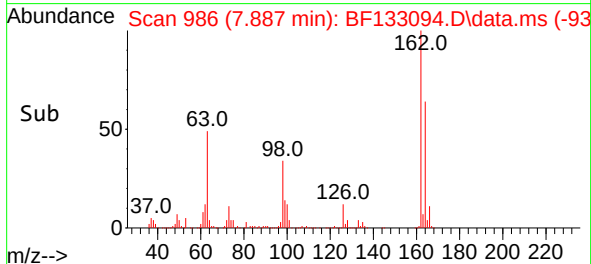
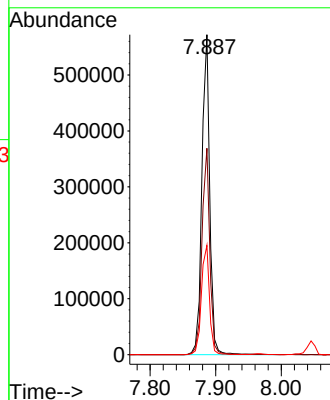
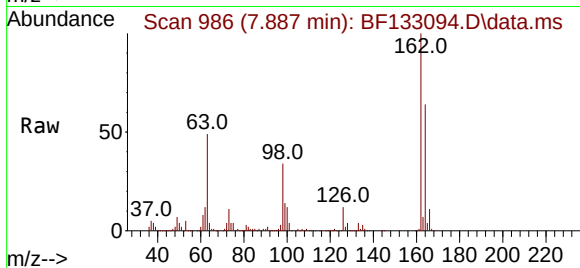
Tgt Ion:162 Resp: 476855

Ion Ratio Lower Upper

162 100

164 64.5 43.9 83.9

98 34.2 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 43.234 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

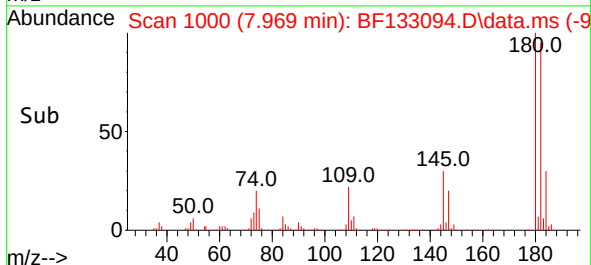
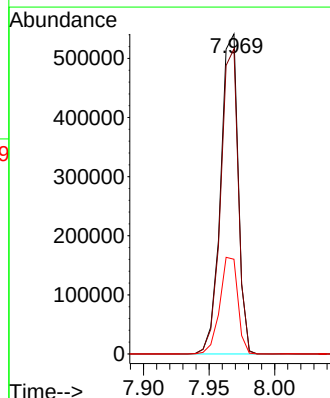
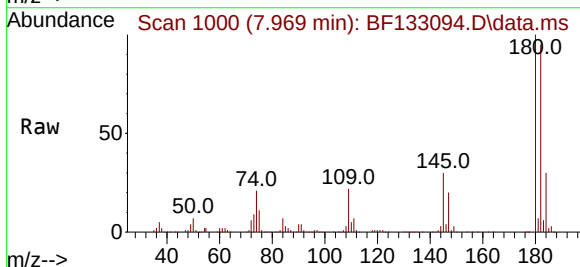
Tgt Ion:180 Resp: 503449

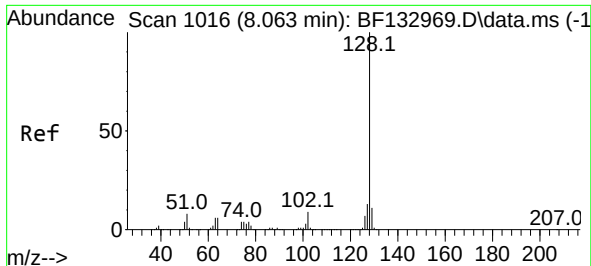
Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

145 29.6 25.3 37.9

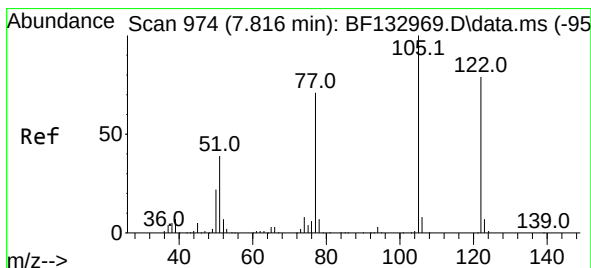
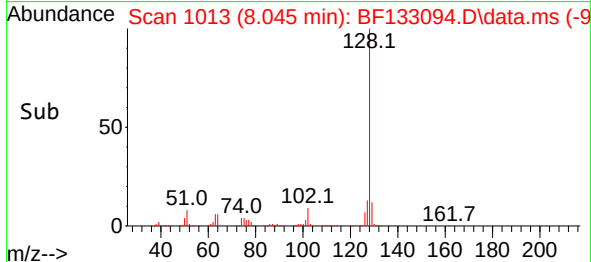
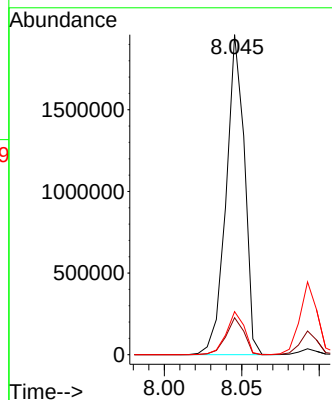
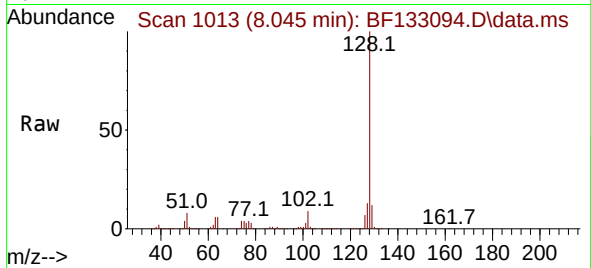




#31
Naphthalene
Concen: 40.573 ng
RT: 8.045 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

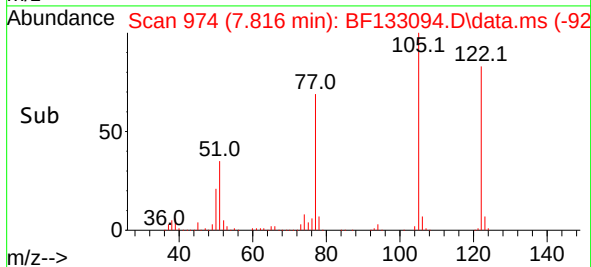
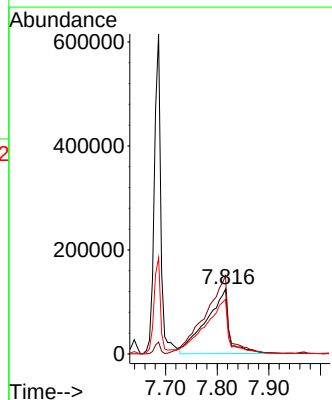
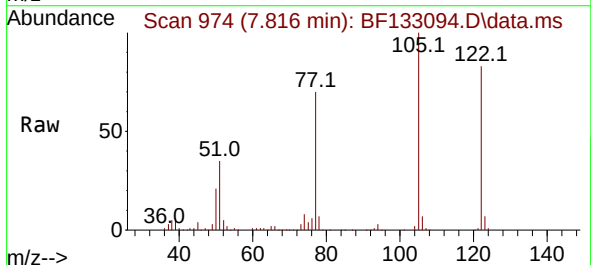
Instrument :
BNA_F
ClientSampleId :
PB152410BS

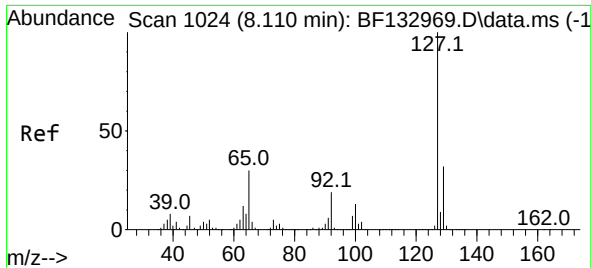
Tgt Ion:128 Resp: 1613131
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 50.260 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.018 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:122 Resp: 383320
Ion Ratio Lower Upper
122 100
105 120.7 104.2 144.2
77 84.2 69.7 109.7

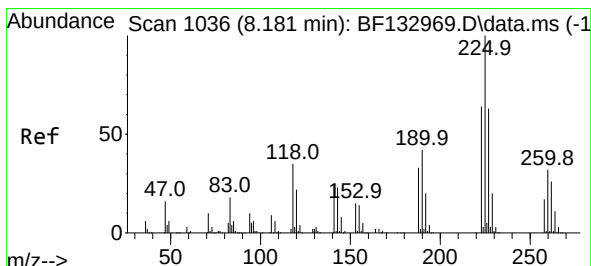
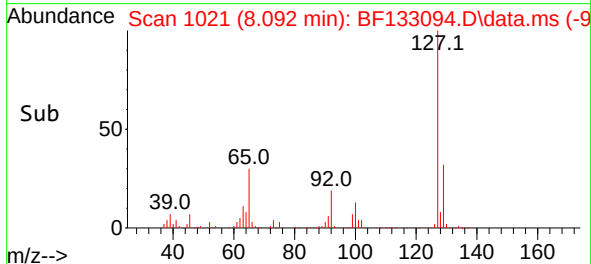
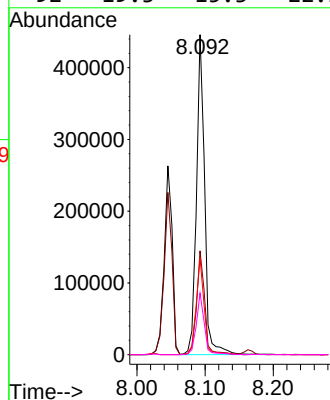
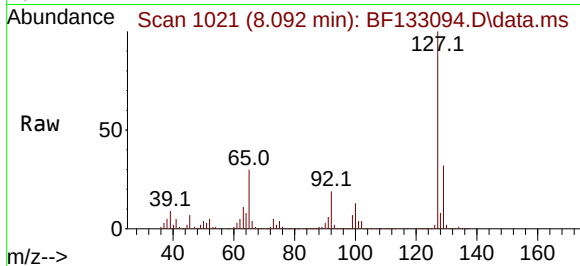




#33
4-Chloroaniline
Concen: 23.149 ng
RT: 8.092 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

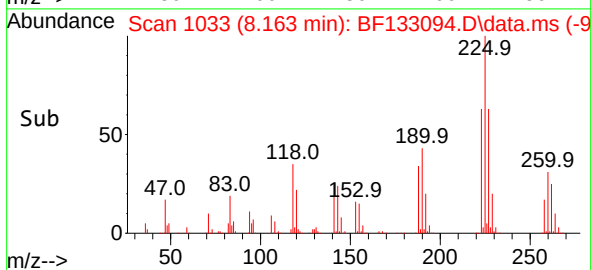
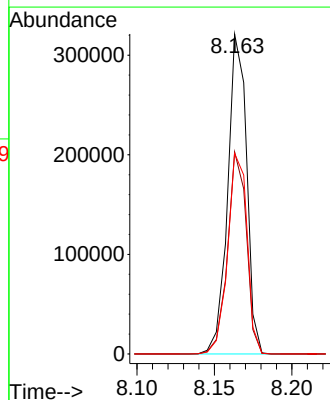
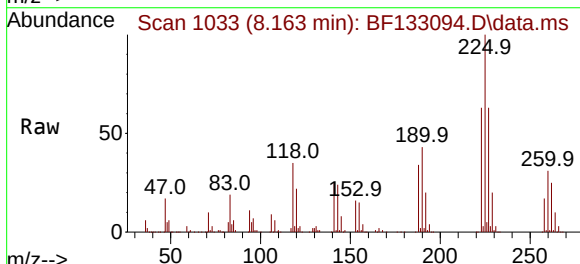
Instrument :
BNA_F
ClientSampleId :
PB152410BS

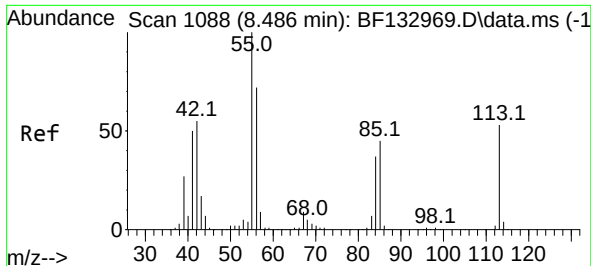
Tgt Ion:127	Resp: 371860
Ion Ratio	Lower Upper
127 100	
129 32.4	25.8 38.8
65 30.2	23.6 35.4
92 19.3	15.3 22.9



#34
Hexachlorobutadiene
Concen: 42.182 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:225	Resp: 272242
Ion Ratio	Lower Upper
225 100	
223 63.2	50.9 76.3
227 62.7	50.3 75.5

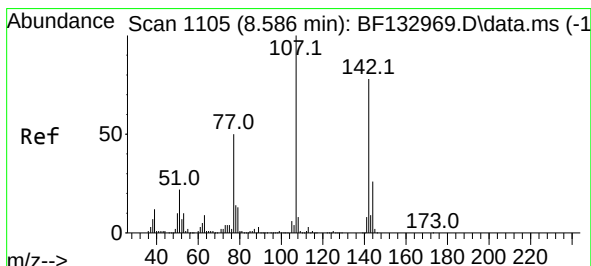
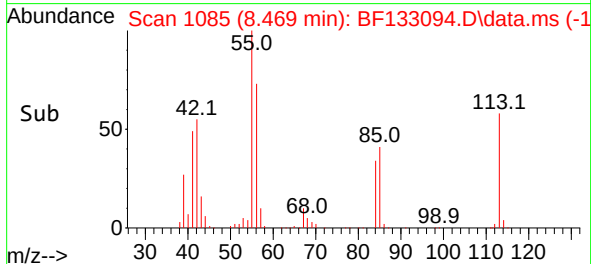
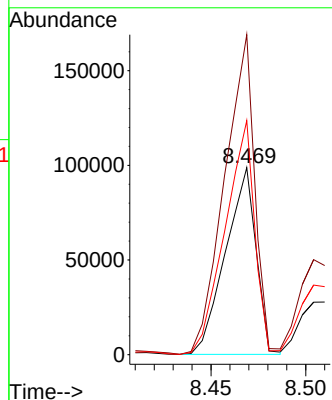
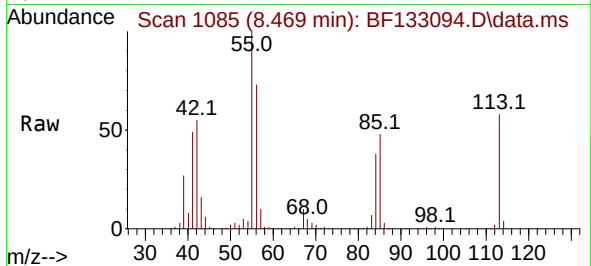




#35
 Caprolactam
 Concen: 29.121 ng
 RT: 8.469 min Scan# 1085
 Delta R.T. -0.000 min
 Lab File: BF133094.D
 Acq: 27 Apr 2023 12:15

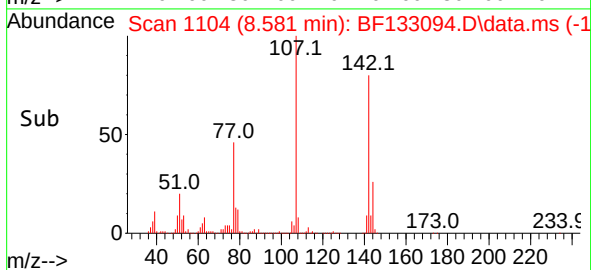
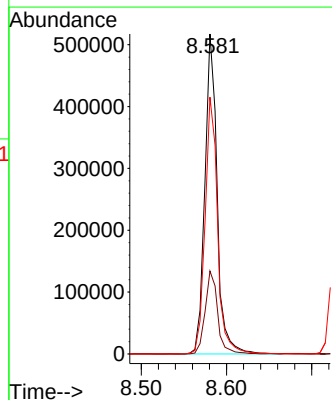
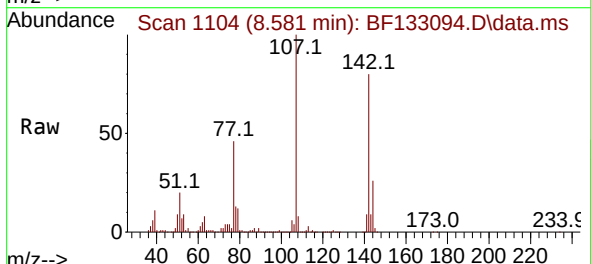
Instrument :
 BNA_F
 ClientSampleId :
 PB152410BS

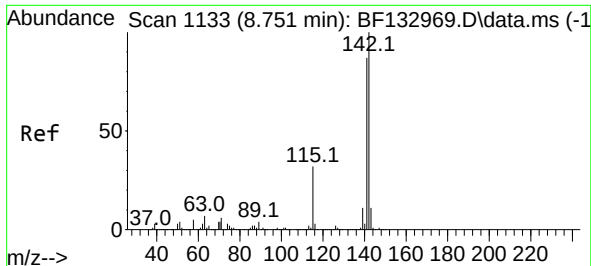
Tgt Ion:113 Resp: 109962
 Ion Ratio Lower Upper
 113 100
 55 171.0 167.1 207.1
 56 125.1 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.650 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: BF133094.D
 Acq: 27 Apr 2023 12:15

Tgt Ion:107 Resp: 516965
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.6 30.8
 142 80.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 39.998 ng

RT: 8.734 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

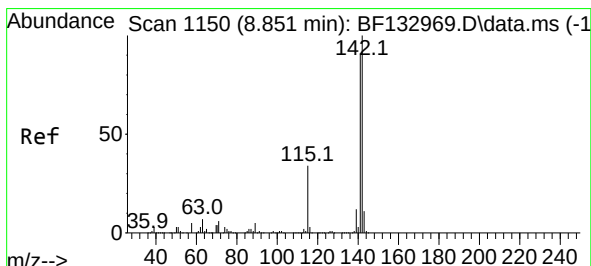
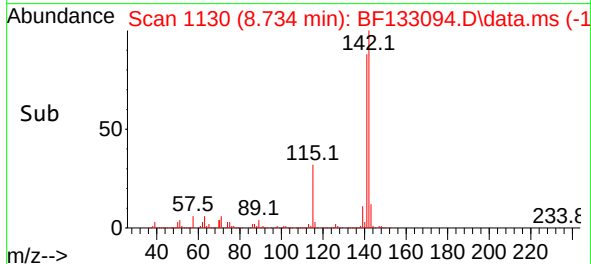
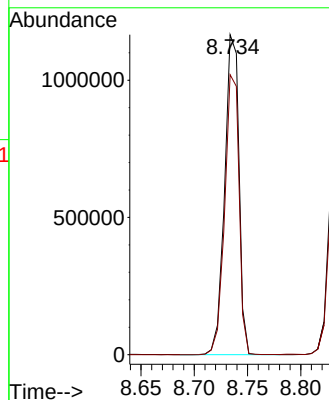
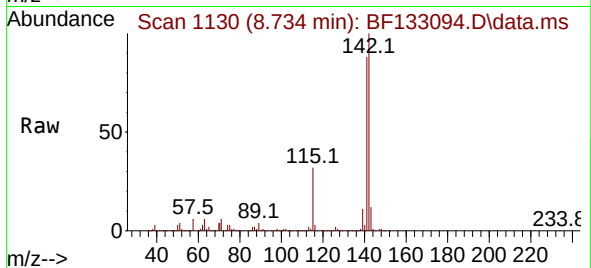
PB152410BS

Tgt Ion:142 Resp: 1087233

Ion Ratio Lower Upper

142 100

141 87.5 69.4 104.0



#38

1-Methylnaphthalene

Concen: 39.962 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF133094.D

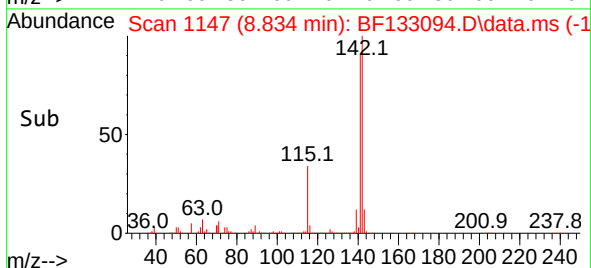
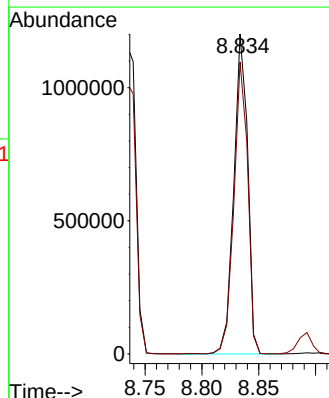
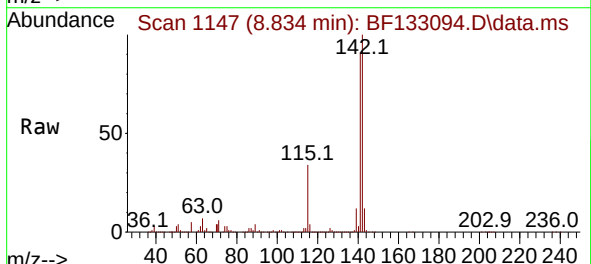
Acq: 27 Apr 2023 12:15

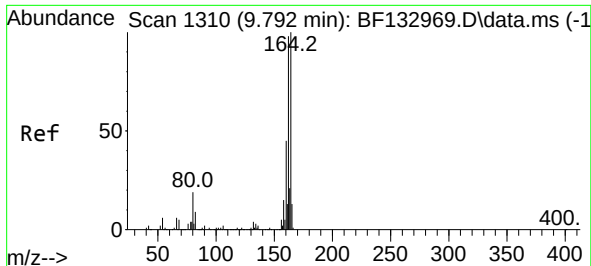
Tgt Ion:142 Resp: 1016155

Ion Ratio Lower Upper

142 100

141 91.2 73.1 109.7

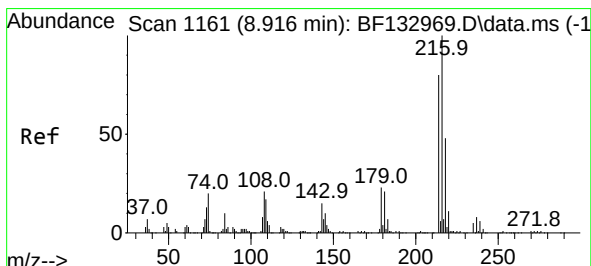
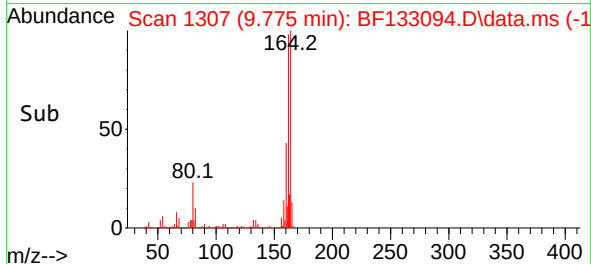
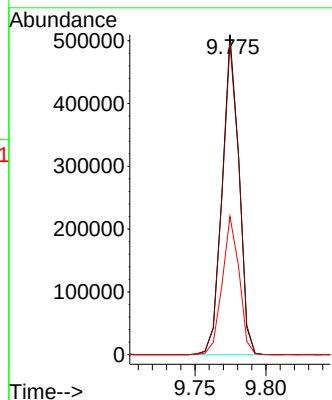
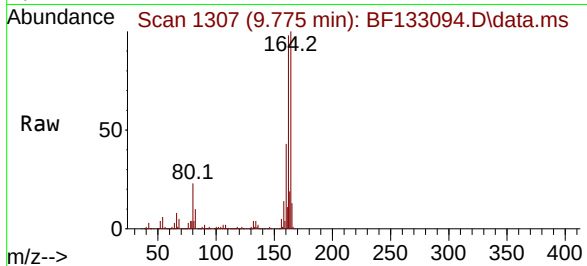




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

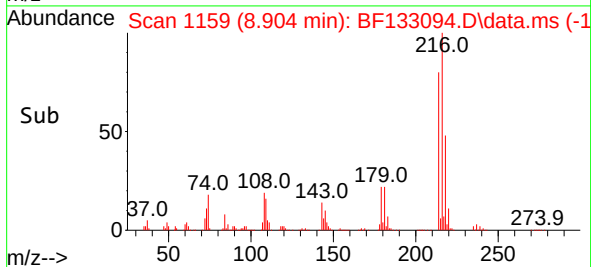
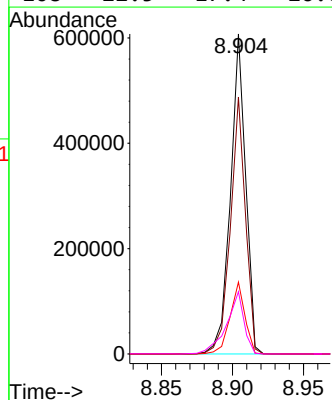
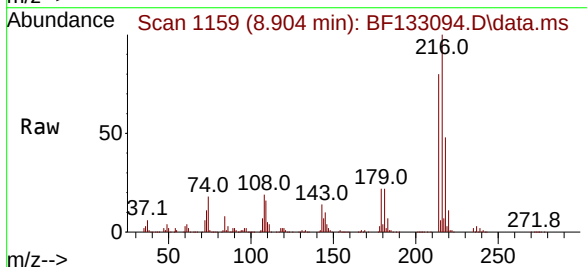
Instrument :
BNA_F
ClientSampleId :
PB152410BS

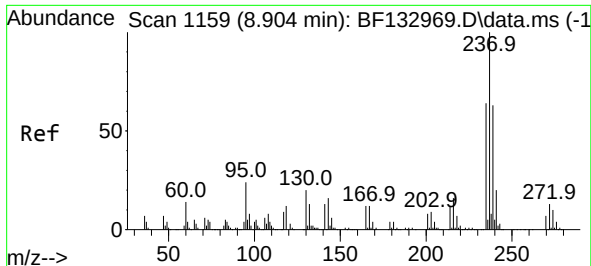
Tgt Ion:164 Resp: 414621
Ion Ratio Lower Upper
164 100
162 97.5 78.7 118.1
160 43.2 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.473 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:216 Resp: 451187
Ion Ratio Lower Upper
216 100
214 79.4 63.5 95.3
179 22.1 17.4 26.2
108 22.5 17.4 26.0

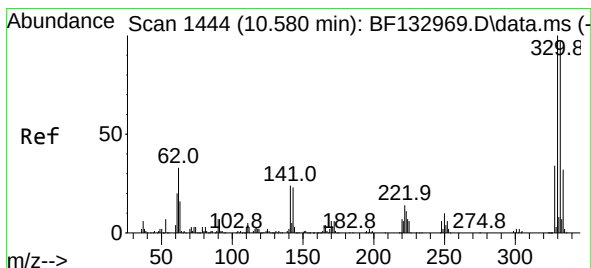
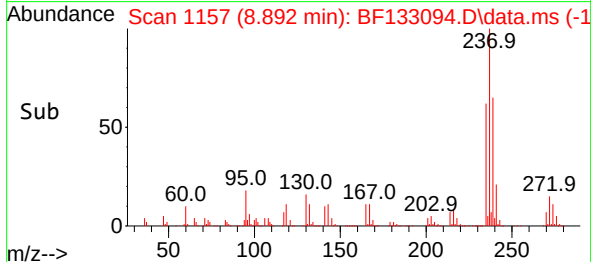
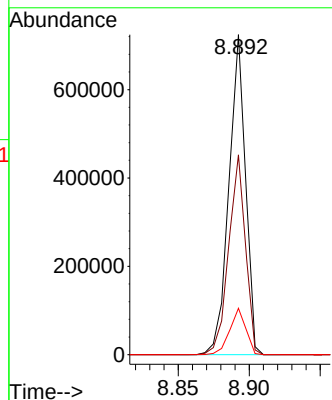
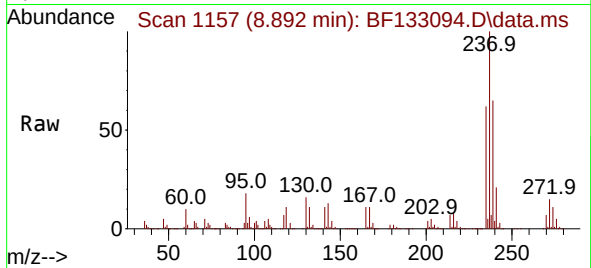




#41
Hexachlorocyclopentadiene
Concen: 90.667 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

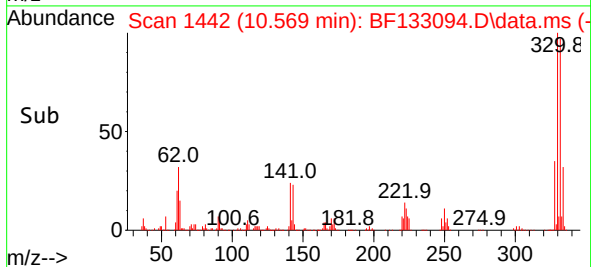
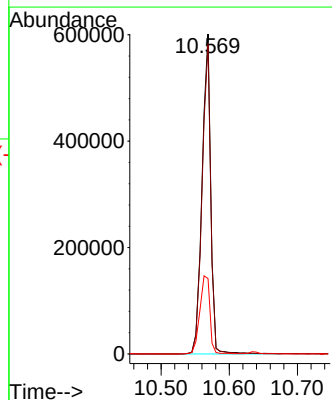
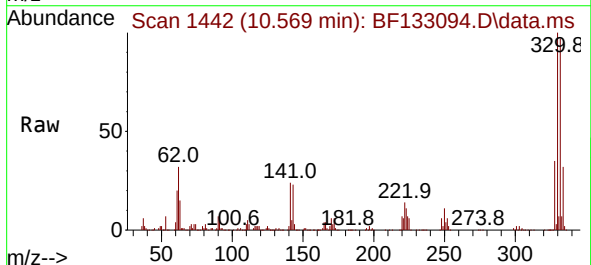
Instrument :
BNA_F
ClientSampleId :
PB152410BS

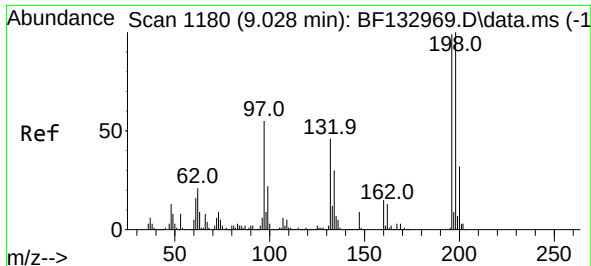
Tgt Ion:237 Resp: 589473
Ion Ratio Lower Upper
237 100
235 62.5 43.5 83.5
272 14.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 127.127 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:330 Resp: 530094
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 28.5 25.8 38.8

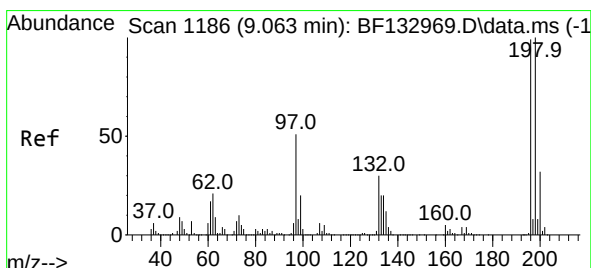
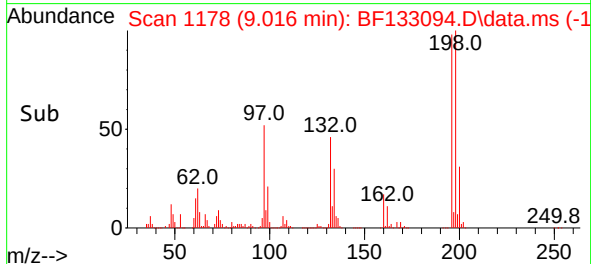
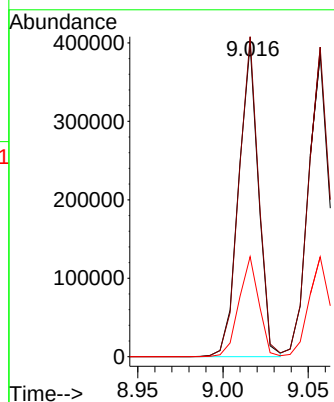
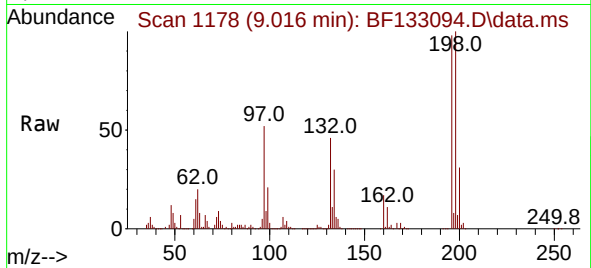




#43
2,4,6-Trichlorophenol
Concen: 41.835 ng
RT: 9.016 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

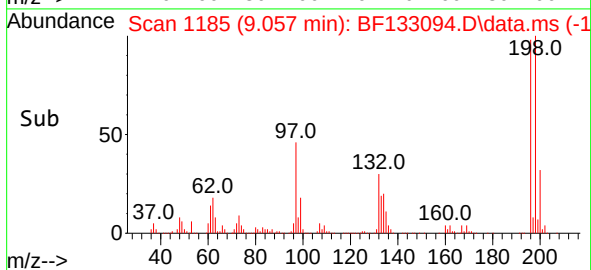
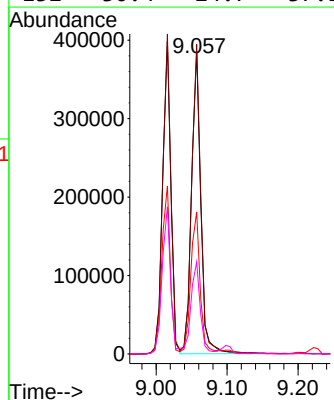
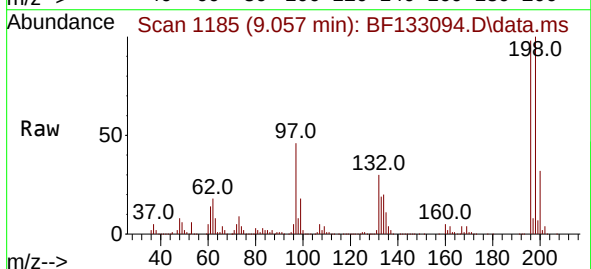
Instrument :
BNA_F
ClientSampleId :
PB152410BS

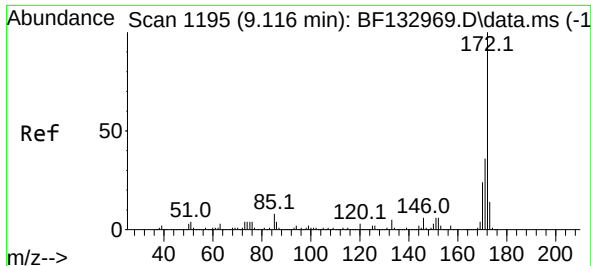
Tgt Ion:196 Resp: 322534
Ion Ratio Lower Upper
196 100
198 102.3 81.0 121.6
200 32.0 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 39.261 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:196 Resp: 350065
Ion Ratio Lower Upper
196 100
198 102.3 80.9 121.3
97 47.0 41.3 61.9
132 30.4 24.7 37.1

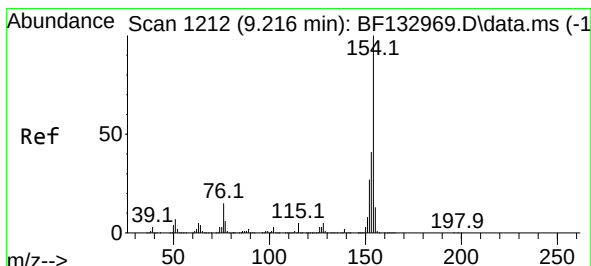
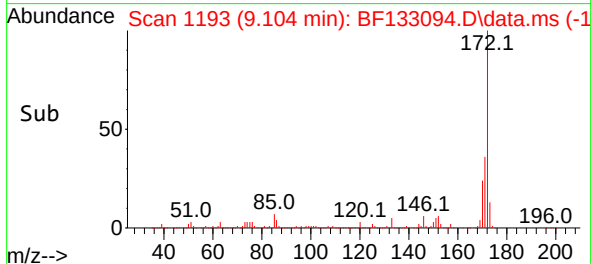
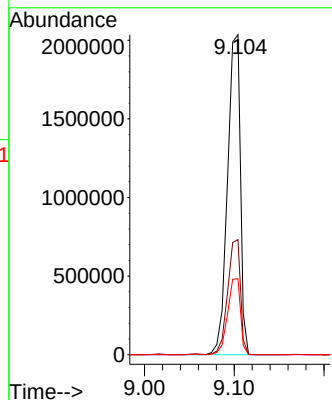
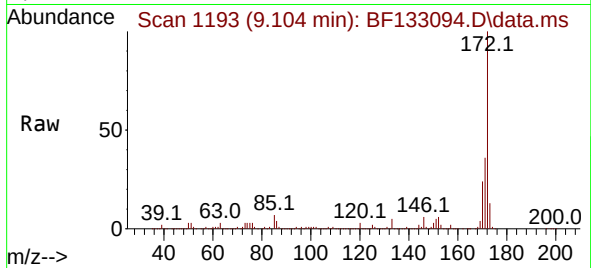




#45
2-Fluorobiphenyl
Concen: 81.819 ng
RT: 9.104 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

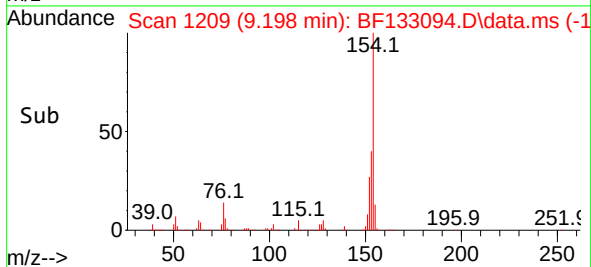
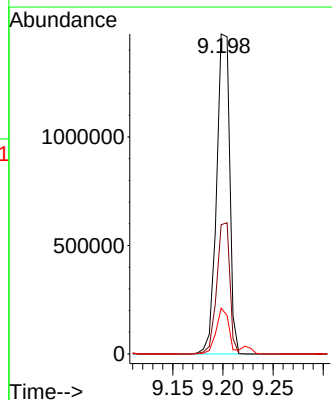
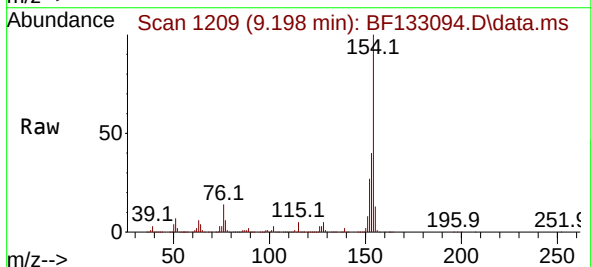
Instrument :
BNA_F
ClientSampleId :
PB152410BS

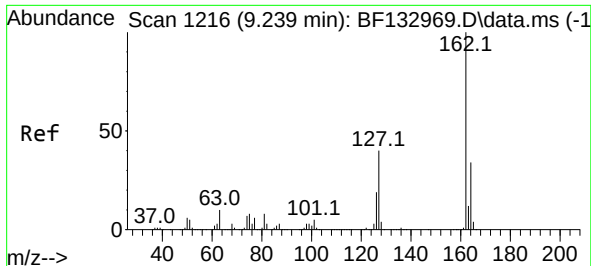
Tgt Ion:172 Resp: 2027725
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.8 19.4 29.2



#46
1,1'-Biphenyl
Concen: 40.690 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:154 Resp: 1337776
Ion Ratio Lower Upper
154 100
153 40.4 21.0 61.0
76 14.3 0.0 34.5

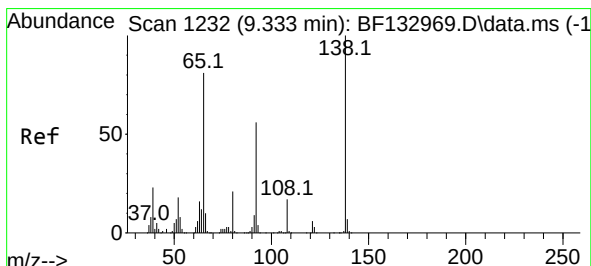
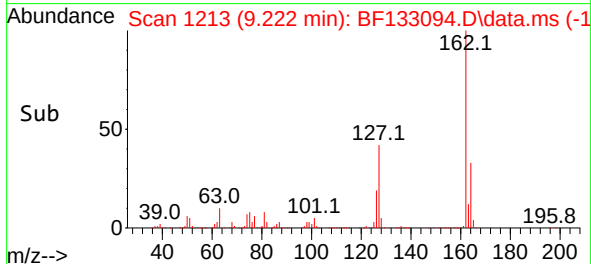
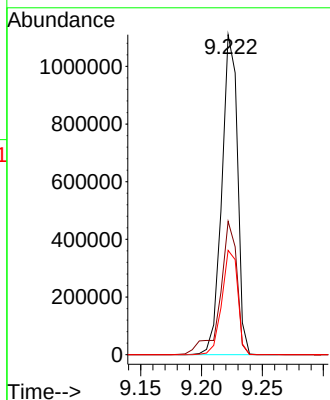
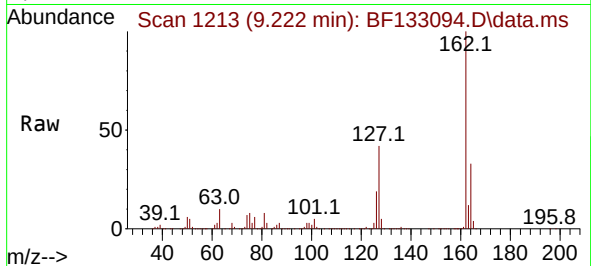




#47
2-Chloronaphthalene
Concen: 41.451 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

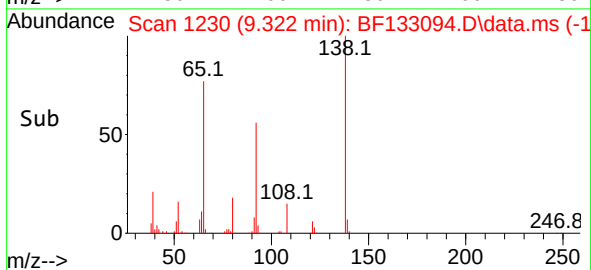
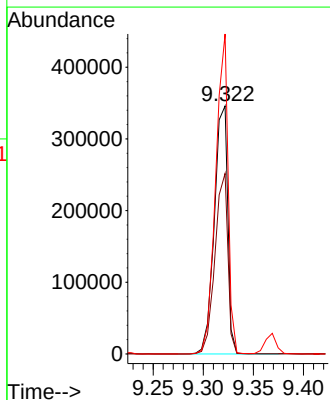
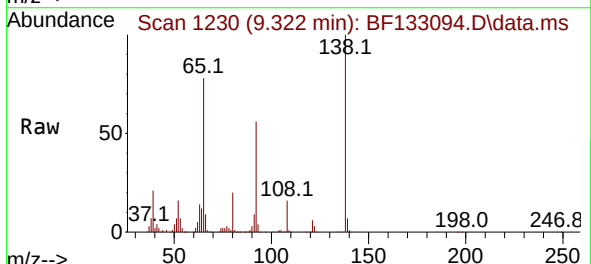
Instrument :
BNA_F
ClientSampleId :
PB152410BS

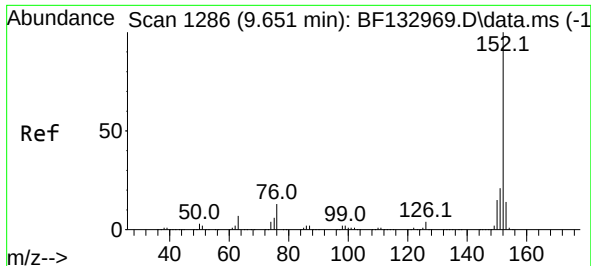
Tgt Ion:162 Resp: 997494
Ion Ratio Lower Upper
162 100
127 41.7 32.3 48.5
164 32.6 26.8 40.2



#48
2-Nitroaniline
Concen: 40.600 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion: 65 Resp: 322894
Ion Ratio Lower Upper
65 100
92 72.8 55.4 83.0
138 129.0 98.2 147.2

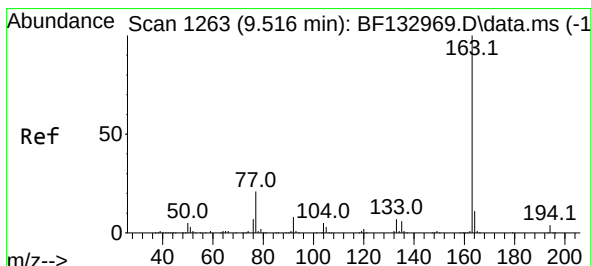
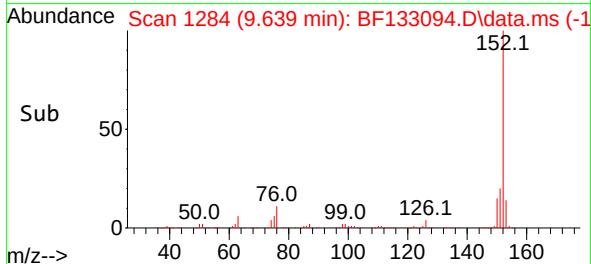
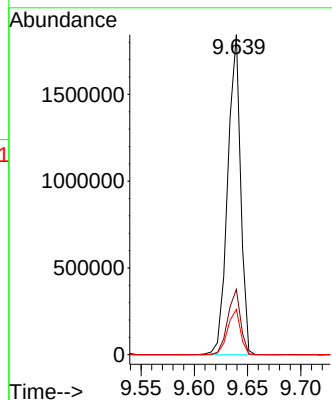
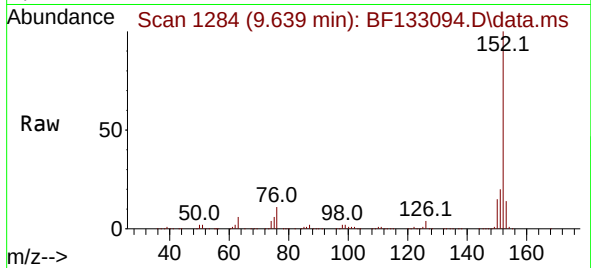




#49
Acenaphthylene
Concen: 40.304 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

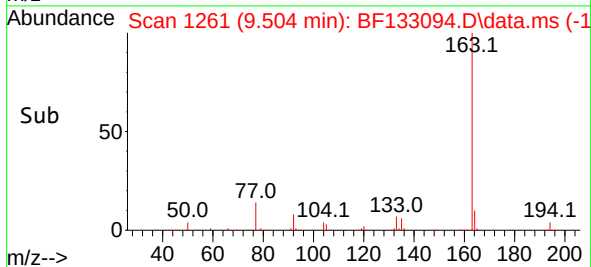
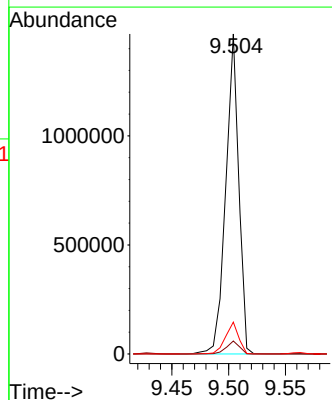
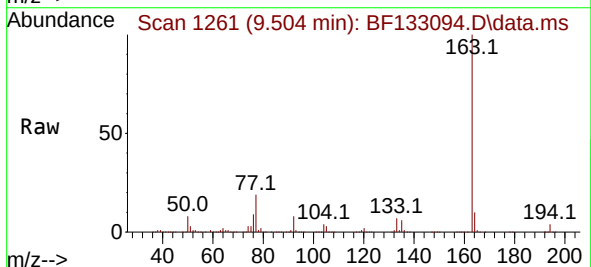
Instrument :
BNA_F
ClientSampleId :
PB152410BS

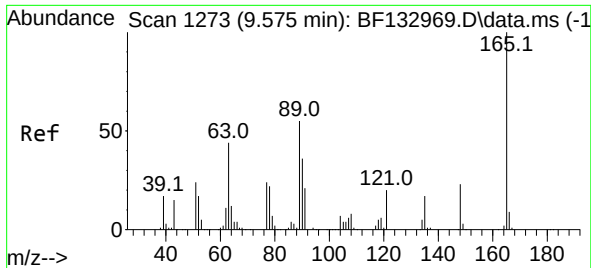
Tgt Ion:152 Resp: 1549742
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 14.2 11.5 17.3



#50
Dimethylphthalate
Concen: 40.489 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:163 Resp: 1170570
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.5 12.7

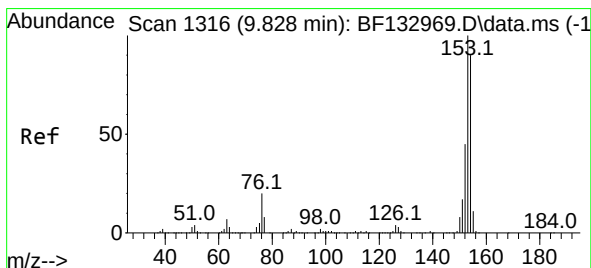
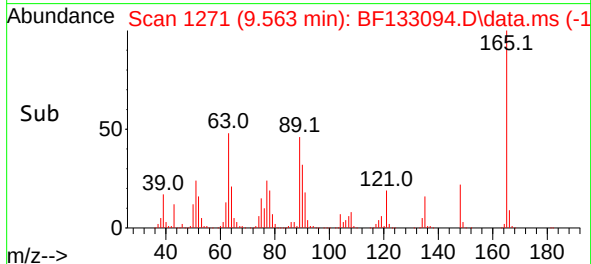
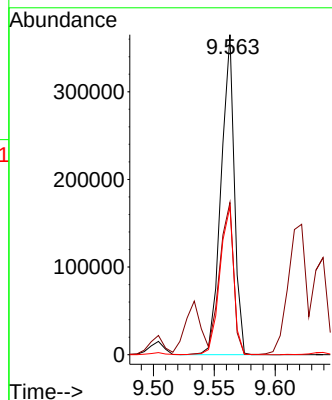
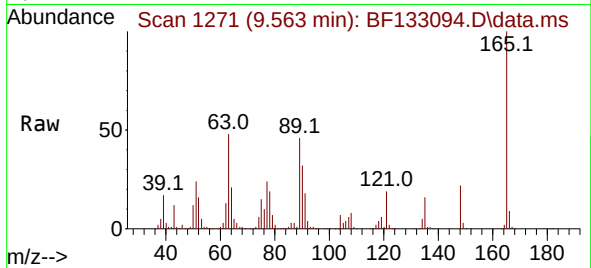




#51
2,6-Dinitrotoluene
Concen: 42.641 ng
RT: 9.563 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

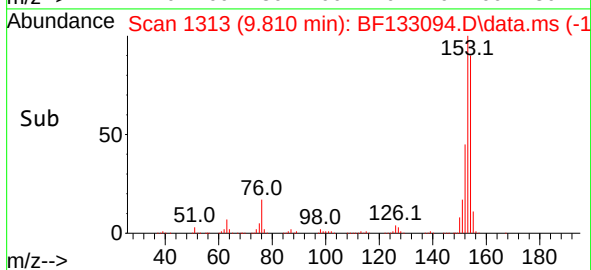
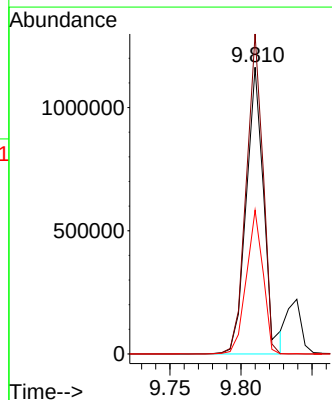
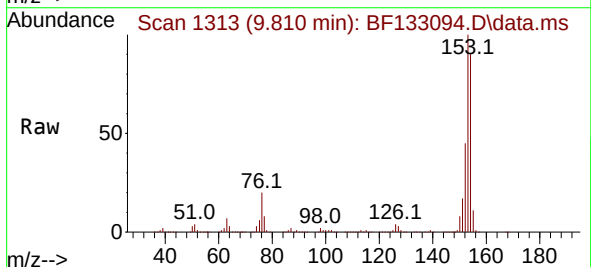
Instrument :
BNA_F
ClientSampleId :
PB152410BS

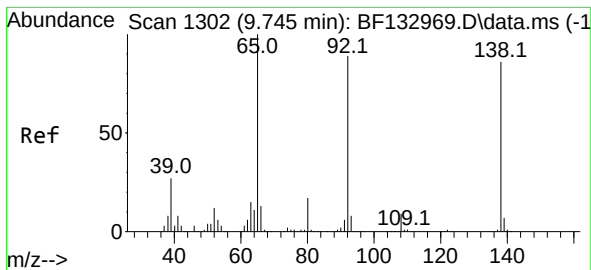
Tgt Ion:165 Resp: 277464
Ion Ratio Lower Upper
165 100
63 47.6 45.9 68.9
89 46.2 44.0 66.0



#52
Acenaphthene
Concen: 38.692 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:154 Resp: 996414
Ion Ratio Lower Upper
154 100
153 111.6 89.0 133.6
152 50.2 40.4 60.6





#53

3-Nitroaniline

Concen: 31.888 ng

RT: 9.728 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

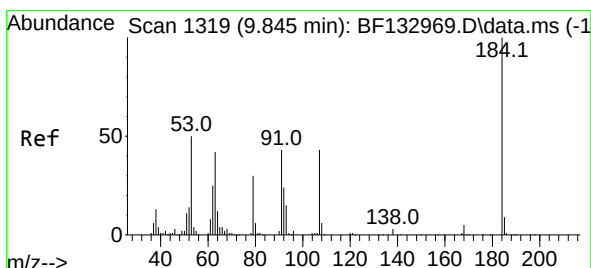
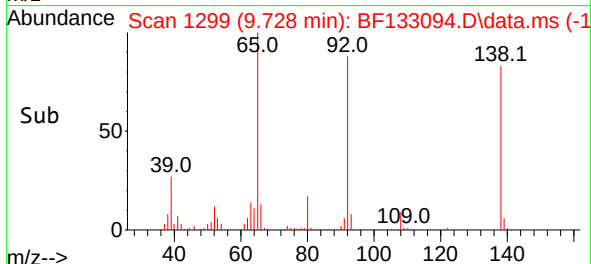
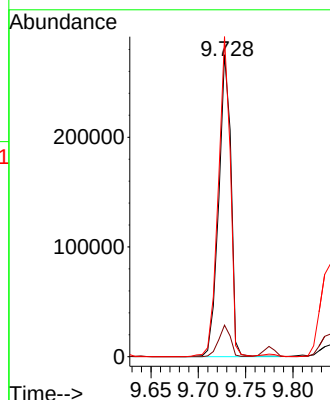
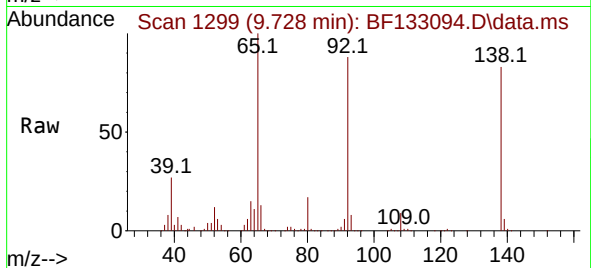
Tgt Ion:138 Resp: 246716

Ion Ratio Lower Upper

138 100

108 10.4 8.0 12.0

92 106.0 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 103.235 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.006 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

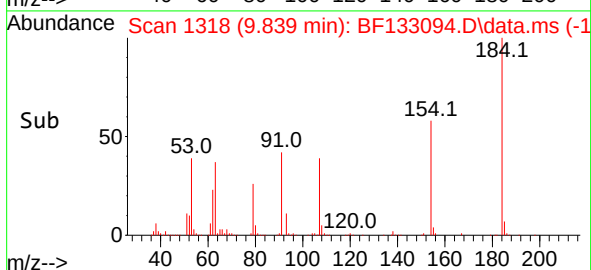
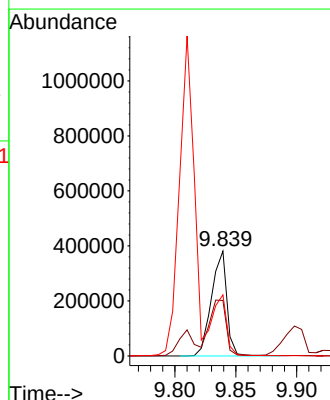
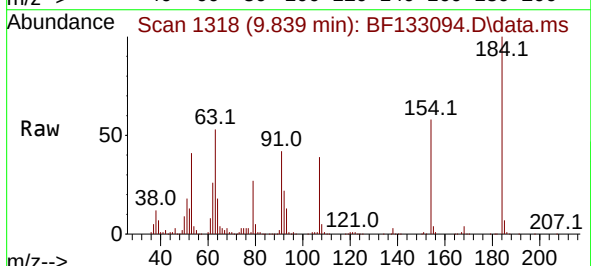
Tgt Ion:184 Resp: 337658

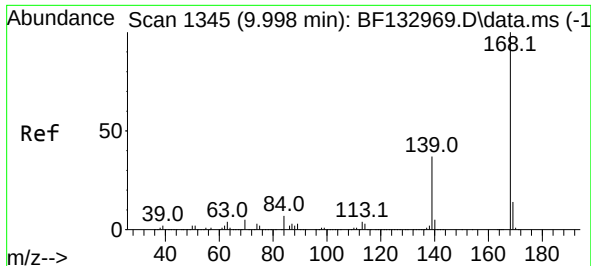
Ion Ratio Lower Upper

184 100

63 53.0 49.8 74.8

154 58.3 49.5 74.3





#55

Dibenzofuran

Concen: 39.876 ng

RT: 9.981 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

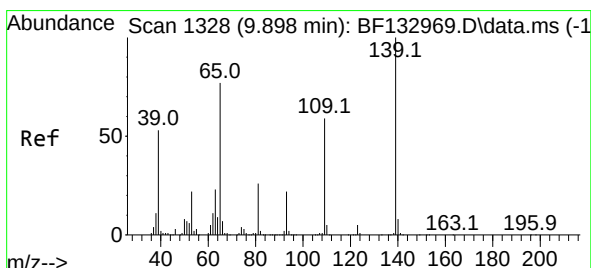
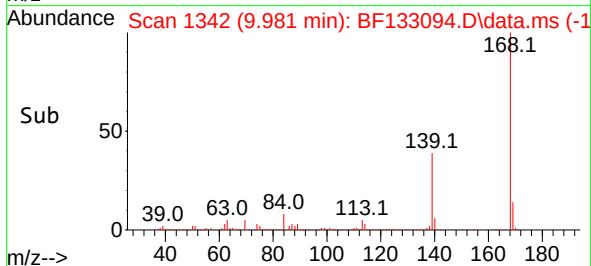
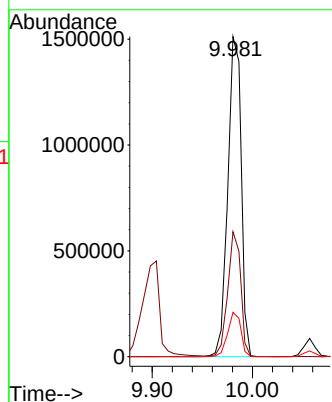
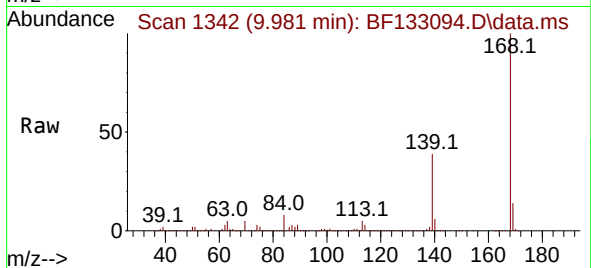
Tgt Ion:168 Resp: 1400804

Ion Ratio Lower Upper

168 100

139 39.0 29.8 44.8

169 13.9 10.8 16.2



#56

4-Nitrophenol

Concen: 89.984 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.012 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

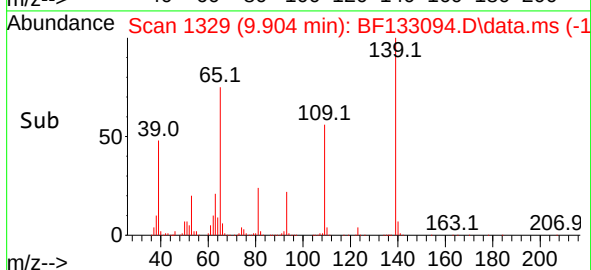
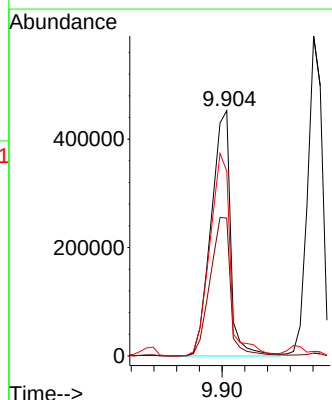
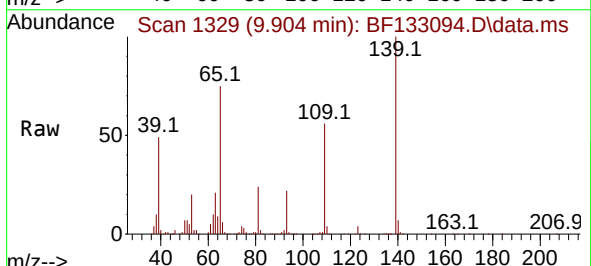
Tgt Ion:139 Resp: 539228

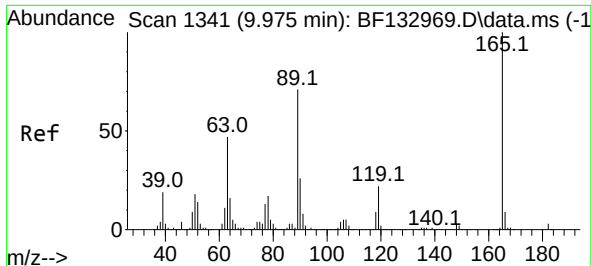
Ion Ratio Lower Upper

139 100

109 56.2 39.4 79.4

65 75.4 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 45.307 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

Tgt Ion:165 Resp: 375972

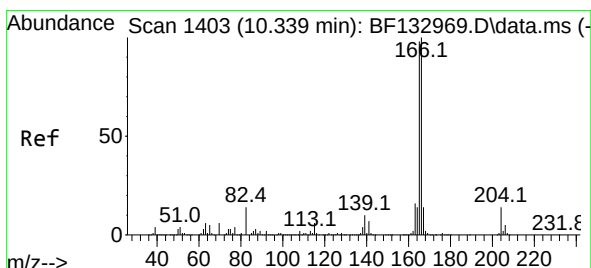
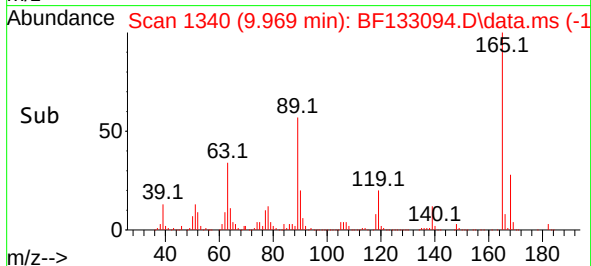
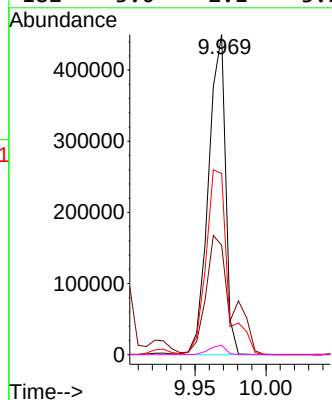
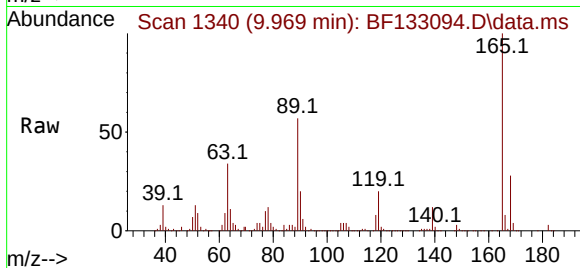
Ion Ratio Lower Upper

165 100

63 34.2 37.7 56.5#

89 56.6 57.0 85.4#

182 3.0 2.1 3.1



#58

Fluorene

Concen: 40.589 ng

RT: 10.328 min Scan# 1401

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

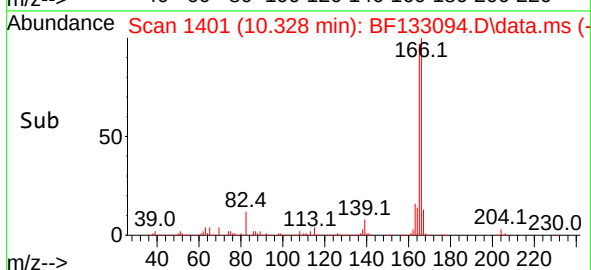
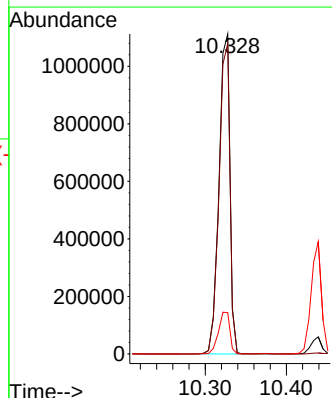
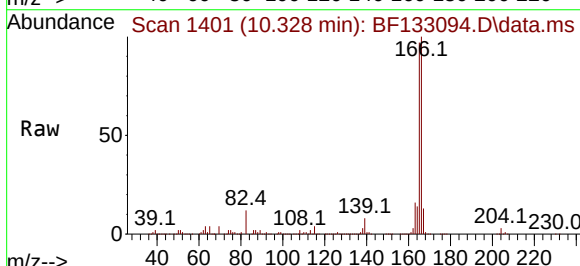
Tgt Ion:166 Resp: 1044631

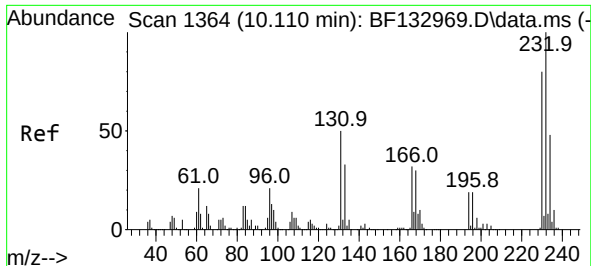
Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

167 12.9 11.0 16.4

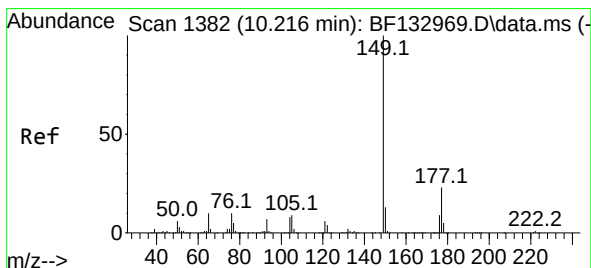
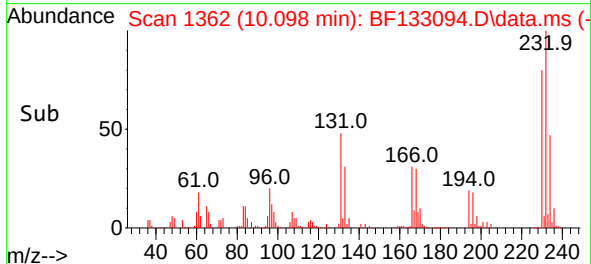
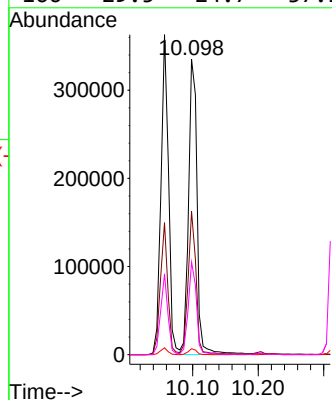
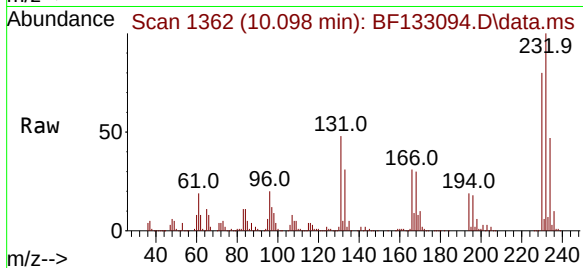




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.446 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

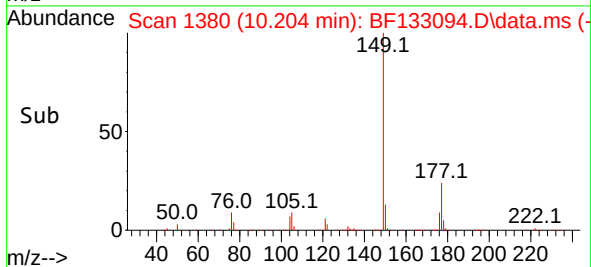
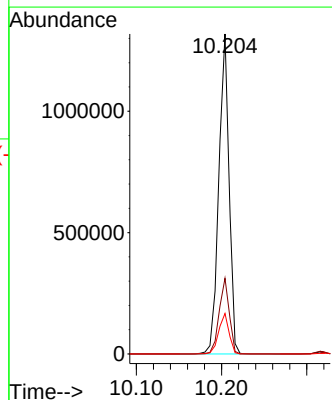
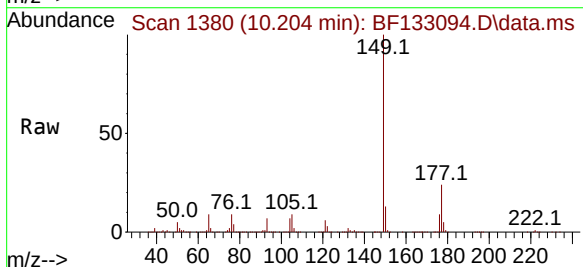
Instrument :
BNA_F
ClientSampleId :
PB152410BS

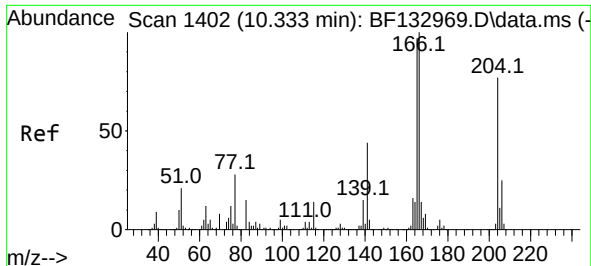
Tgt Ion:232 Resp: 300324
Ion Ratio Lower Upper
232 100
131 44.8 38.0 57.0
130 2.0 1.8 2.8
166 29.5 24.7 37.1



#60
Diethylphthalate
Concen: 40.413 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:149 Resp: 1103604
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.4
150 12.7 10.2 15.4

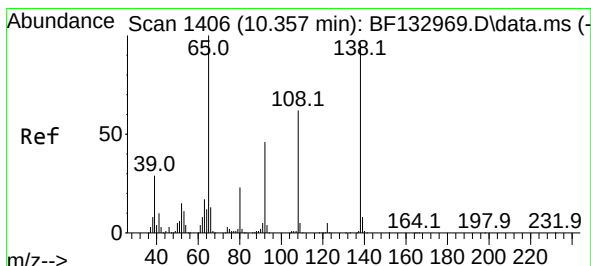
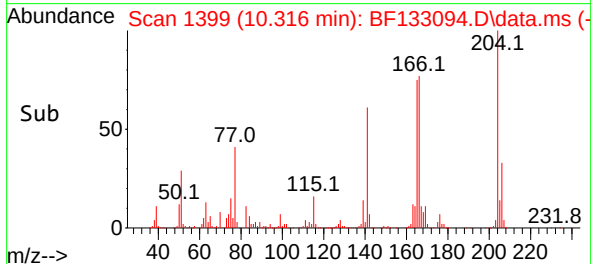
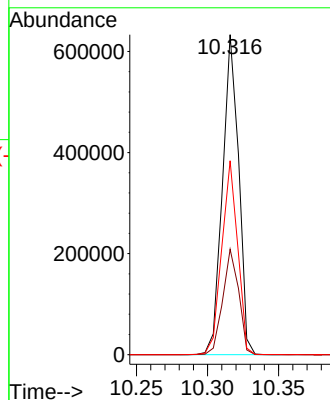
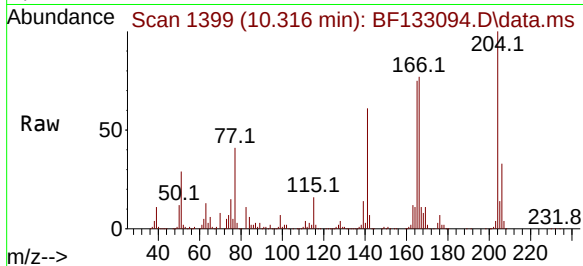




#61
4-Chlorophenyl-phenylether
Concen: 39.774 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

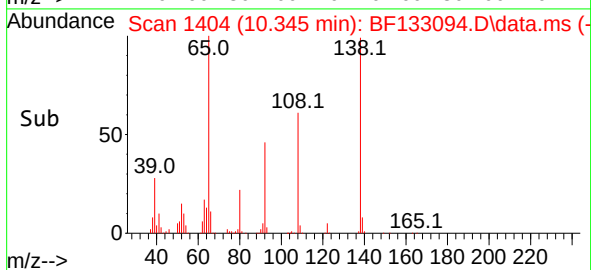
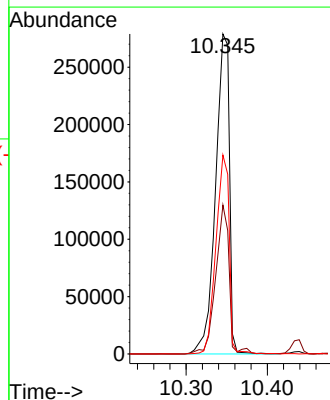
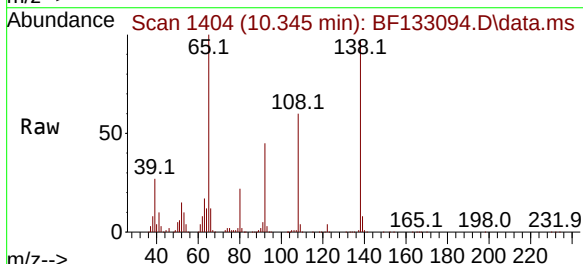
Instrument :
BNA_F
ClientSampleId :
PB152410BS

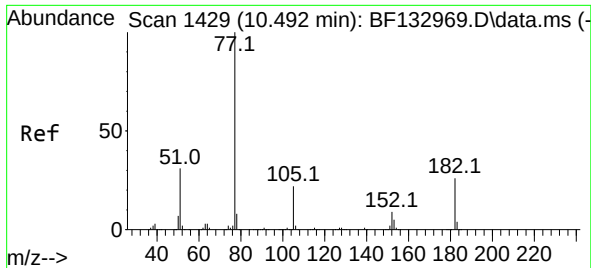
Tgt Ion:204 Resp: 498846
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 60.6 46.1 69.1



#62
4-Nitroaniline
Concen: 46.526 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:138 Resp: 330849
Ion Ratio Lower Upper
138 100
92 46.5 27.7 67.7
108 62.1 45.2 85.2

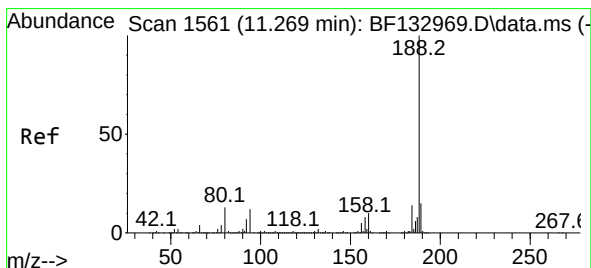
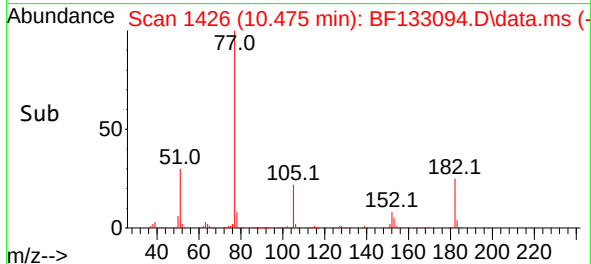
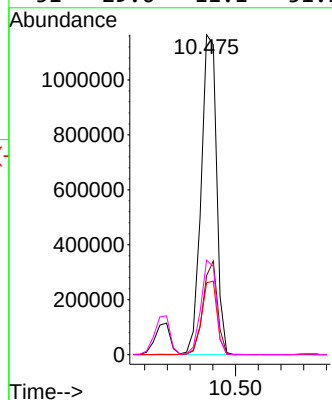
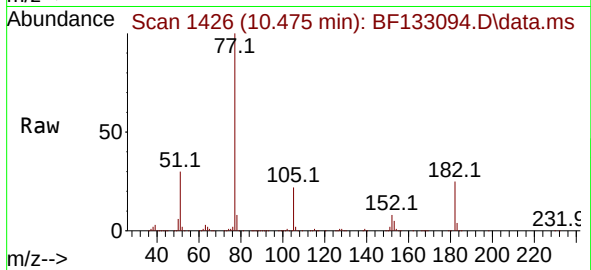




#63
Azobenzene
Concen: 37.873 ng
RT: 10.475 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

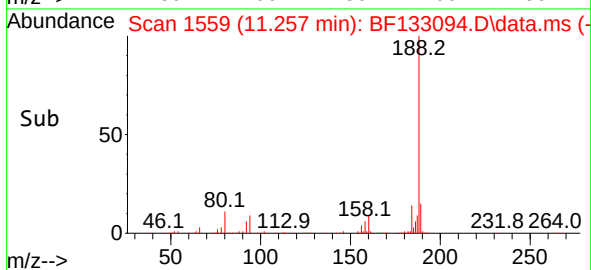
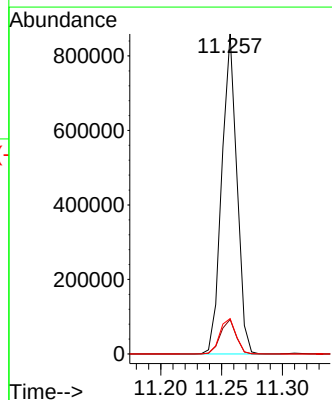
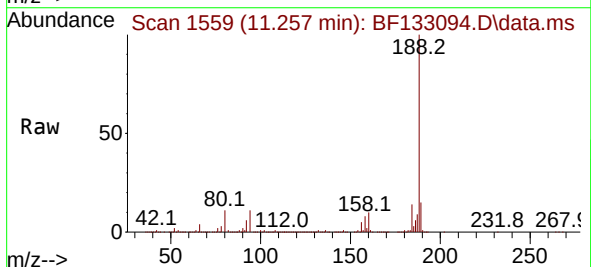
Instrument :
BNA_F
ClientSampleId :
PB152410BS

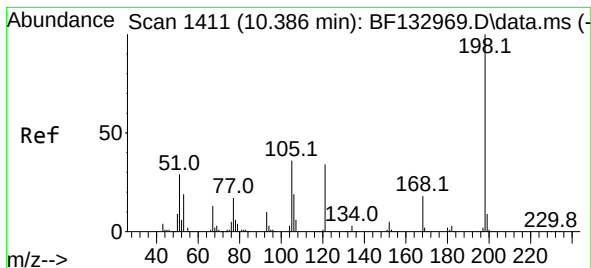
Tgt Ion: 77 Resp: 1095599
Ion Ratio Lower Upper
77 100
182 24.7 5.9 45.9
105 22.5 2.3 42.3
51 29.6 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion: 188 Resp: 743732
Ion Ratio Lower Upper
188 100
94 10.8 9.7 14.5
80 11.1 10.4 15.6

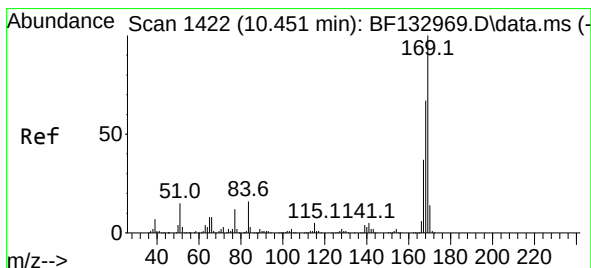
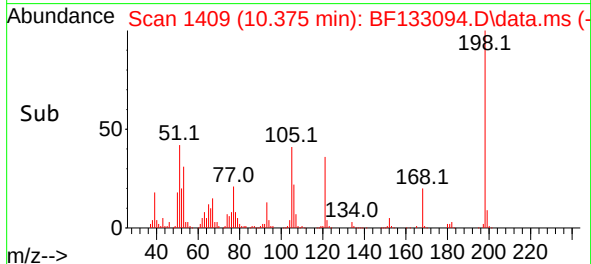
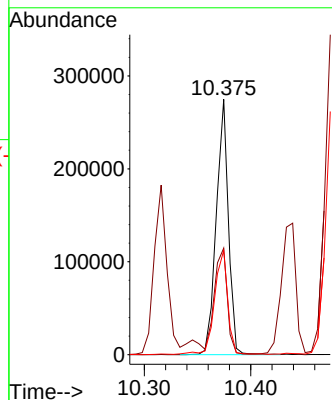
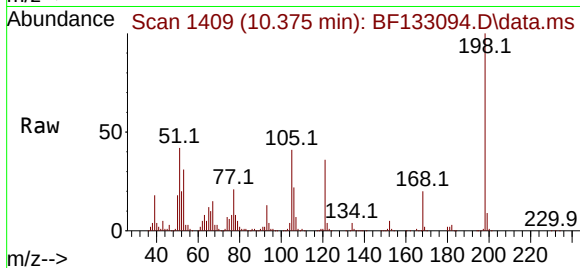




#65
4,6-Dinitro-2-methylphenol
Concen: 48.198 ng
RT: 10.375 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

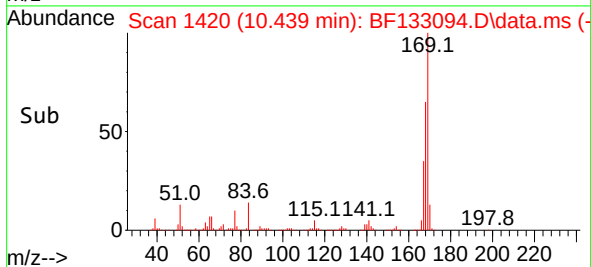
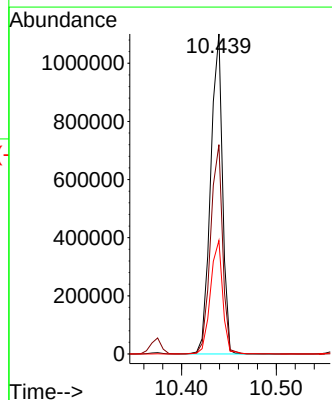
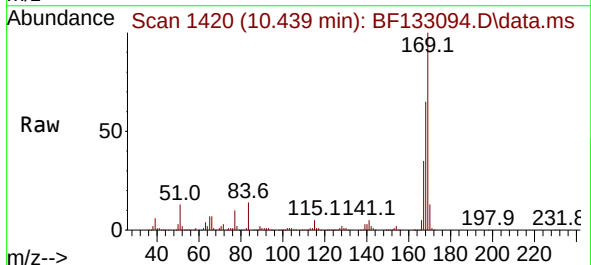
Instrument :
BNA_F
ClientSampleId :
PB152410BS

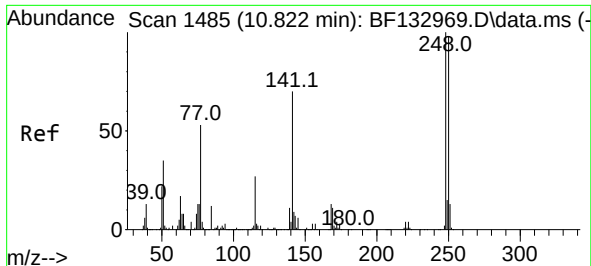
Tgt Ion:198 Resp: 217275
Ion Ratio Lower Upper
198 100
51 41.7 15.5 55.5
105 40.8 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 39.589 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:169 Resp: 955070
Ion Ratio Lower Upper
169 100
168 65.4 53.8 80.8
167 35.5 29.7 44.5





#67

4-Bromophenyl-phenylether

Concen: 39.641 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

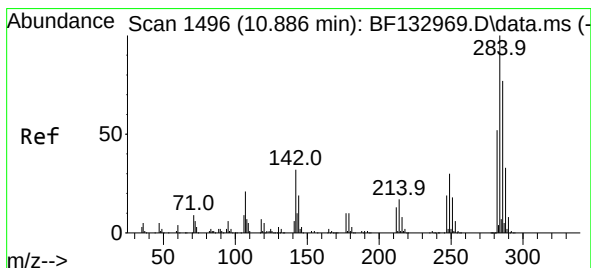
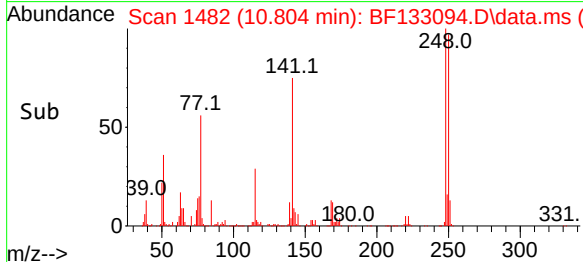
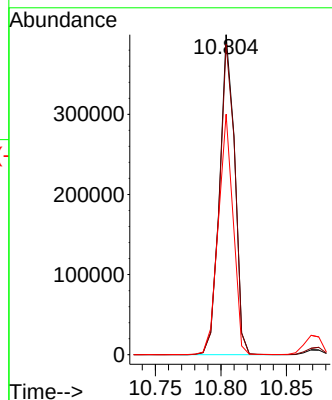
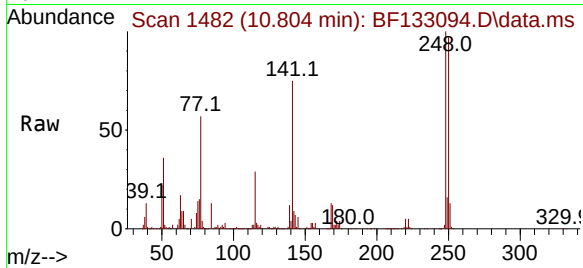
Tgt Ion:248 Resp: 319755

Ion Ratio Lower Upper

248 100

250 97.0 78.7 118.1

141 75.1 56.3 84.5



#68

Hexachlorobenzene

Concen: 43.775 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

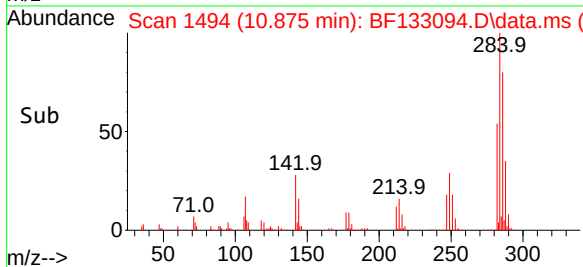
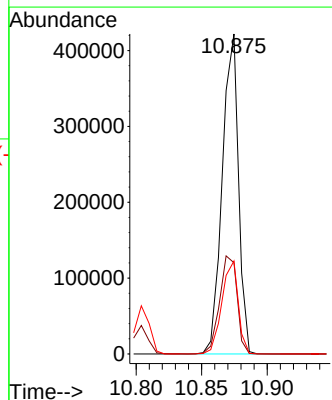
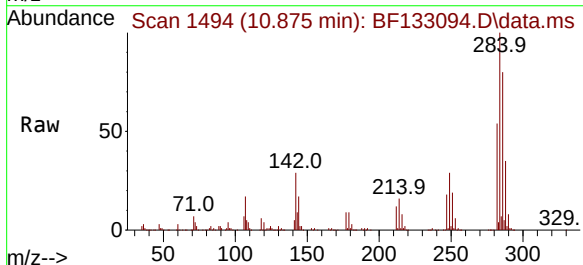
Tgt Ion:284 Resp: 361815

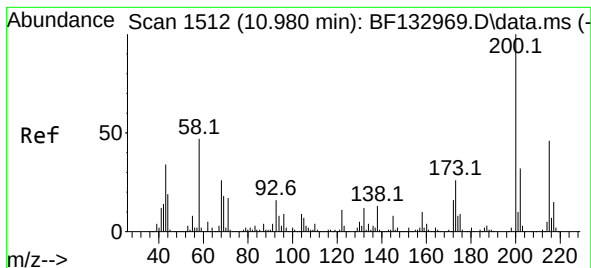
Ion Ratio Lower Upper

284 100

142 28.5 26.0 39.0

249 29.1 23.7 35.5





#69

Atrazine

Concen: 45.770 ng

RT: 10.969 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

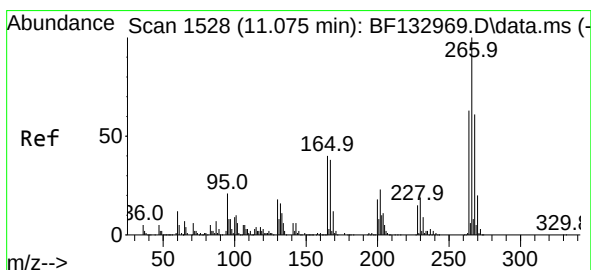
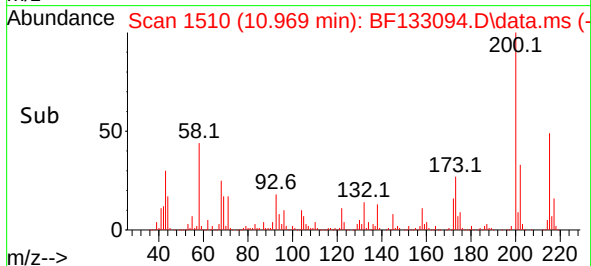
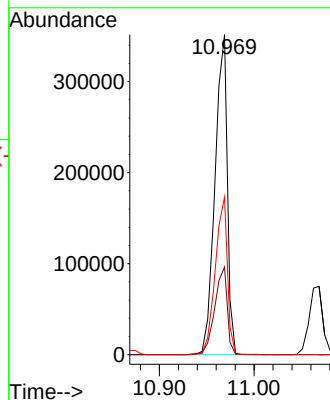
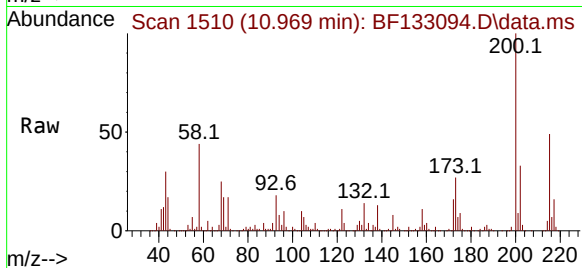
Tgt Ion:200 Resp: 318165

Ion Ratio Lower Upper

200 100

173 27.4 6.2 46.2

215 49.2 26.3 66.3



#70

Pentachlorophenol

Concen: 76.966 ng

RT: 11.069 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

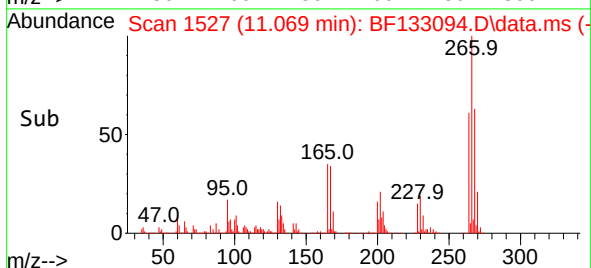
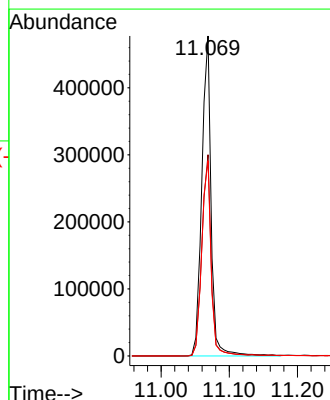
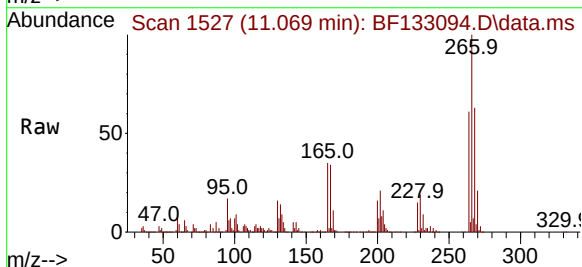
Tgt Ion:266 Resp: 453063

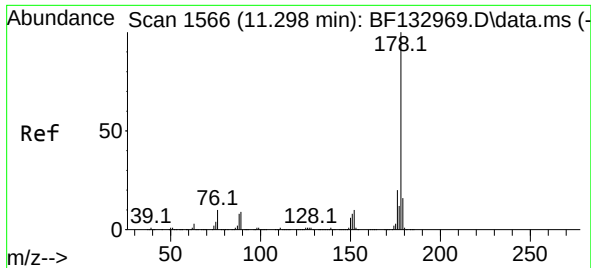
Ion Ratio Lower Upper

266 100

268 62.9 48.8 73.2

264 61.1 50.6 76.0

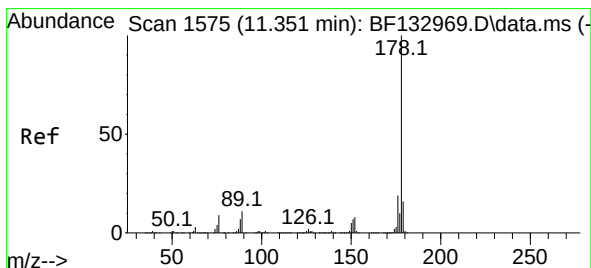
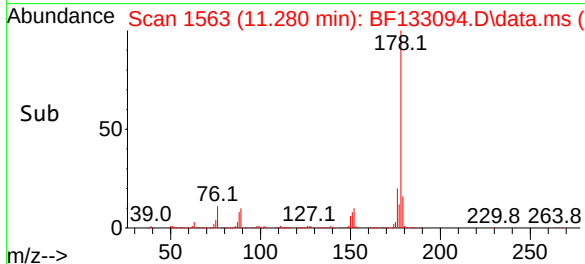
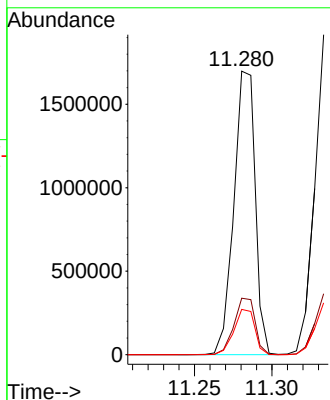
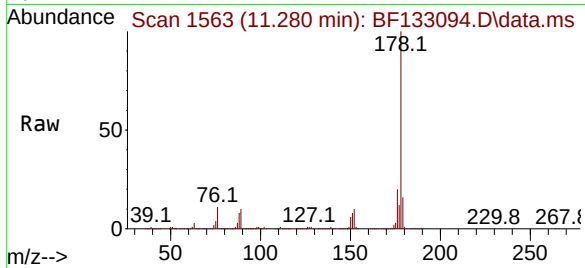




#71
Phenanthrene
Concen: 40.709 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

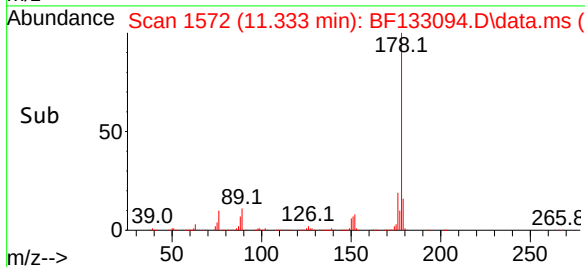
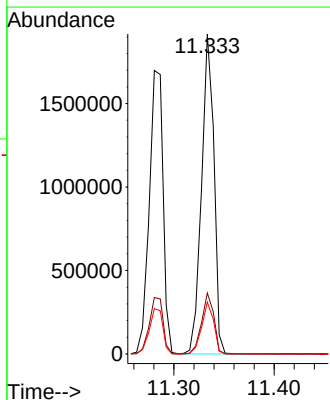
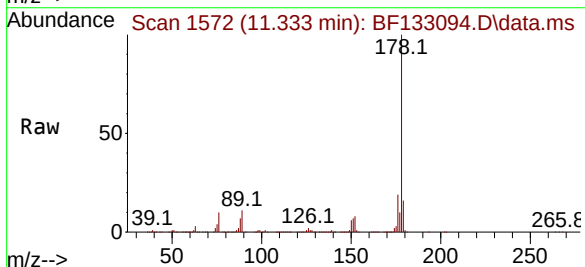
Instrument :
BNA_F
ClientSampleId :
PB152410BS

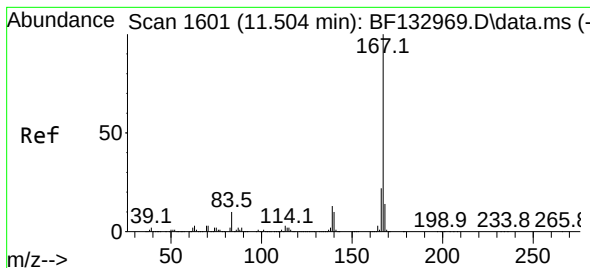
Tgt Ion:178 Resp: 1627290
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.0 12.5 18.7



#72
Anthracene
Concen: 40.422 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:178 Resp: 1653594
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 16.2 12.4 18.6





#73

Carbazole

Concen: 42.650 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

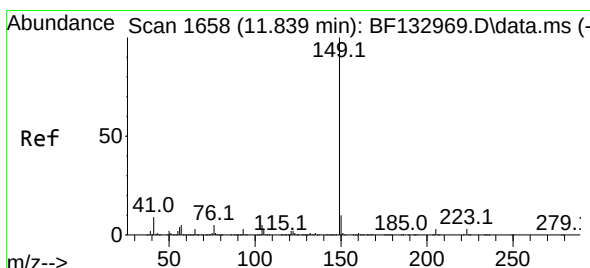
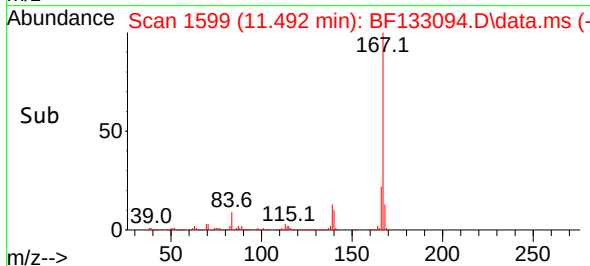
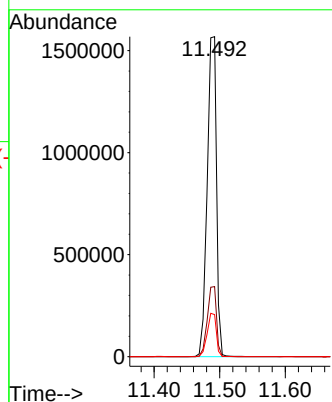
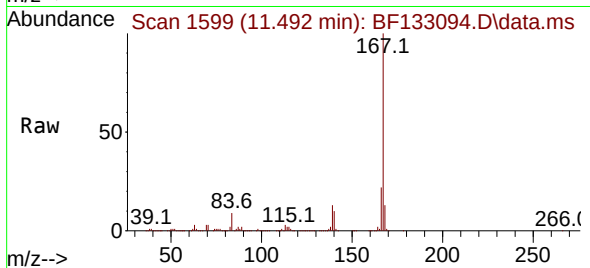
Tgt Ion:167 Resp: 1553560

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 13.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.572 ng

RT: 11.822 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

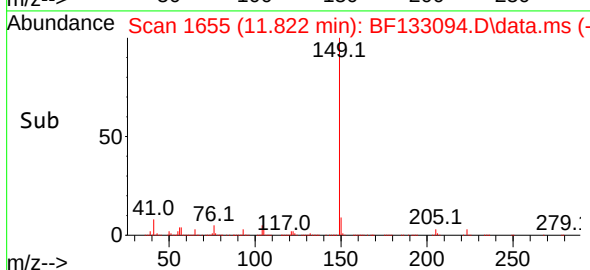
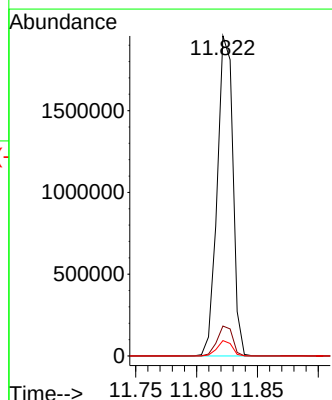
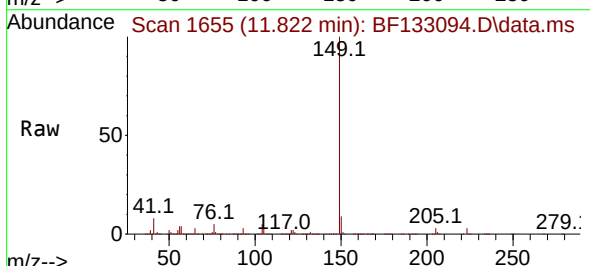
Tgt Ion:149 Resp: 1754879

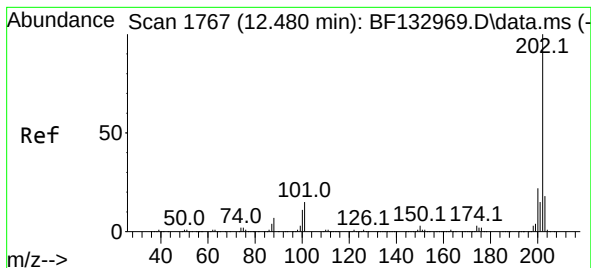
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 42.052 ng

RT: 12.469 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

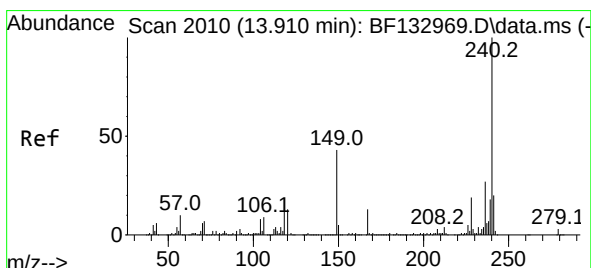
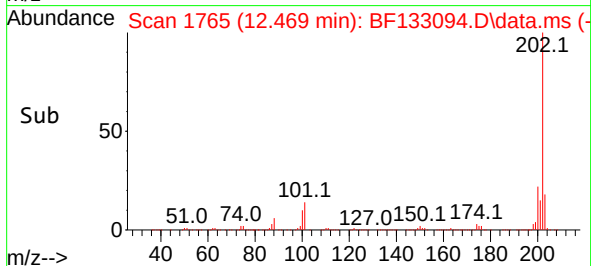
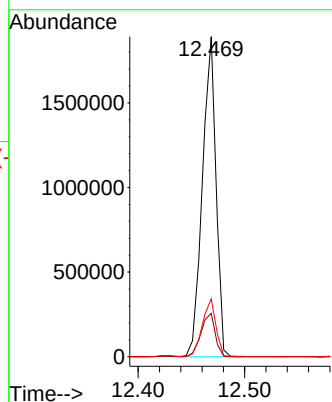
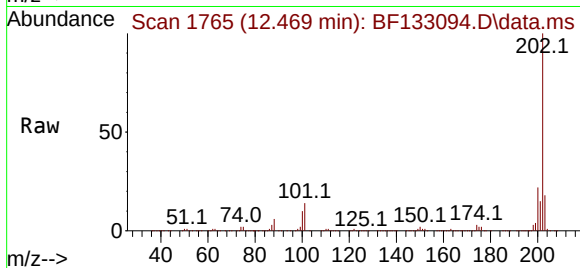
Tgt Ion:202 Resp: 1687026

Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.3

203 18.1 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

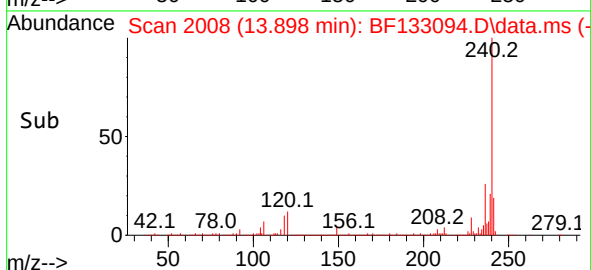
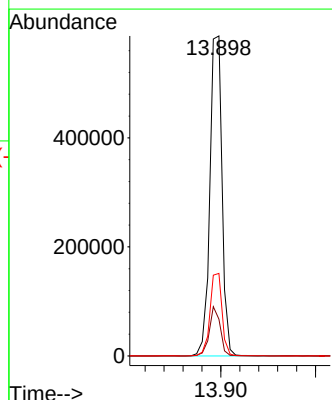
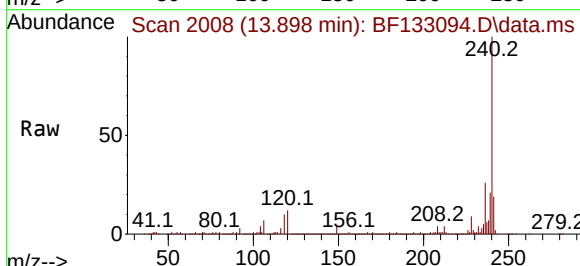
Tgt Ion:240 Resp: 522731

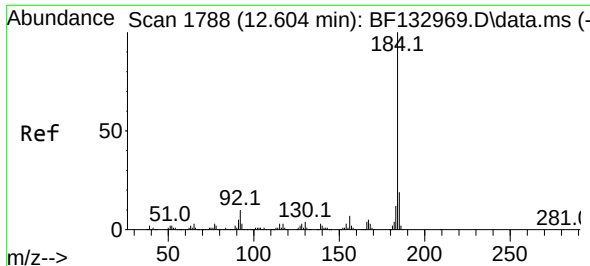
Ion Ratio Lower Upper

240 100

120 11.5 10.5 15.7

236 25.8 21.5 32.3

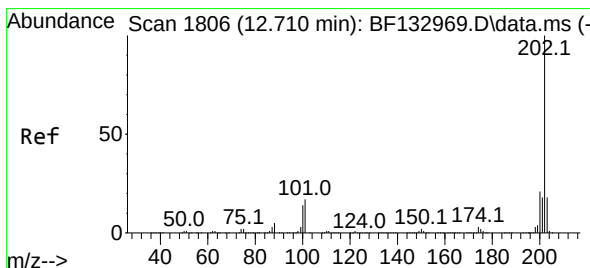
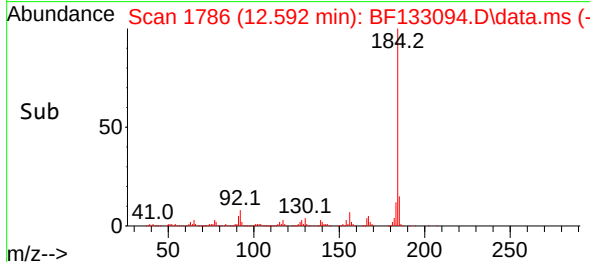
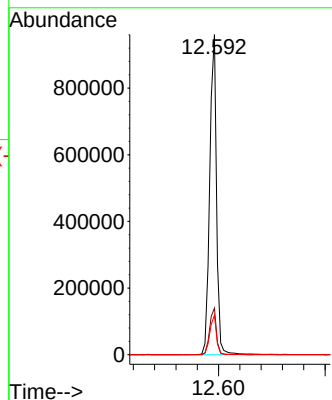
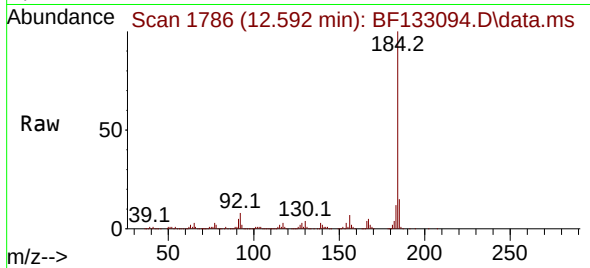




#77
Benzidine
Concen: 95.763 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

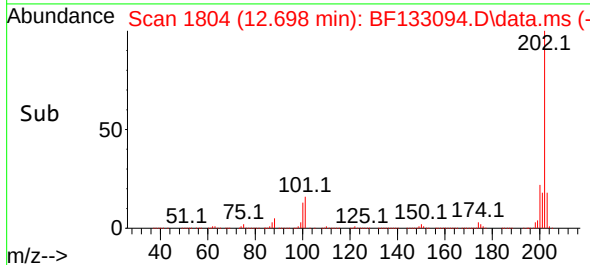
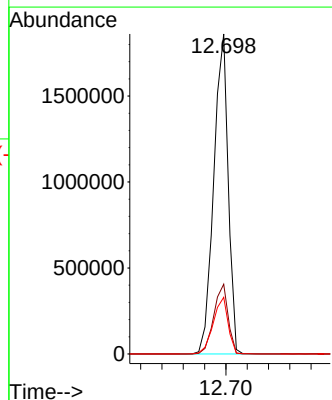
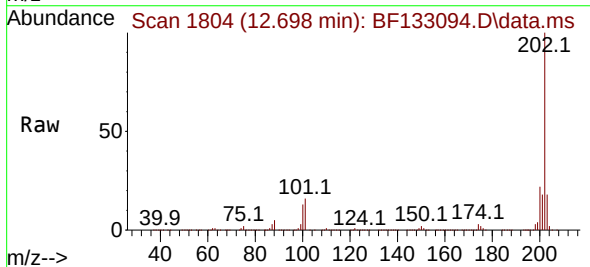
Instrument :
BNA_F
ClientSampleId :
PB152410BS

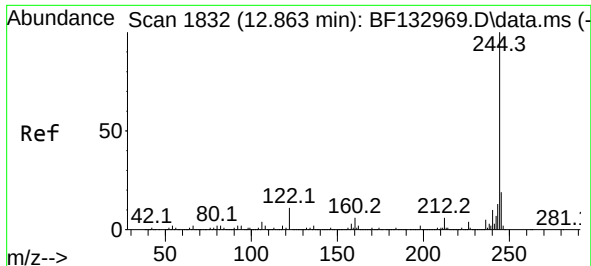
Tgt Ion:184 Resp: 846513
Ion Ratio Lower Upper
184 100
185 14.5 15.4 23.2#
183 12.3 9.4 14.0



#78
Pyrene
Concen: 39.103 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:202 Resp: 1752191
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 17.7 14.1 21.1

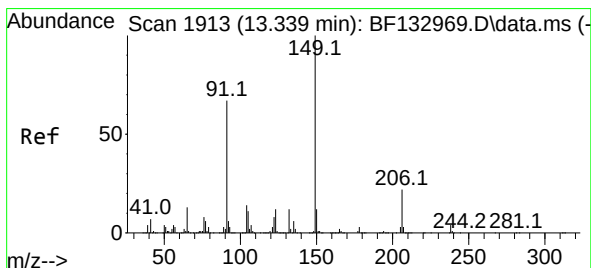
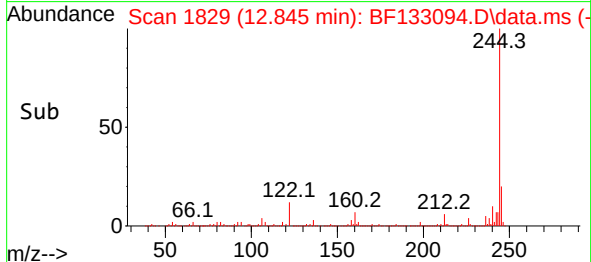
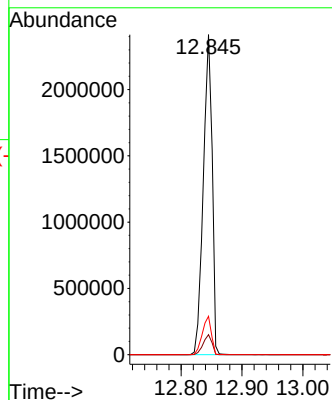
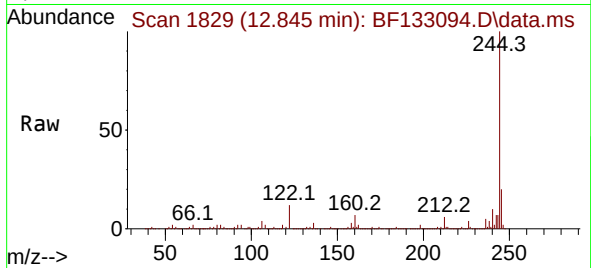




#79
 Terphenyl-d14
 Concen: 80.203 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.000 min
 Lab File: BF133094.D
 Acq: 27 Apr 2023 12:15

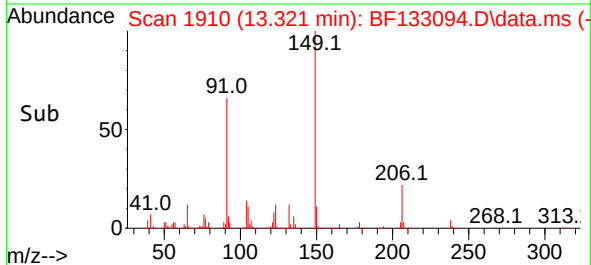
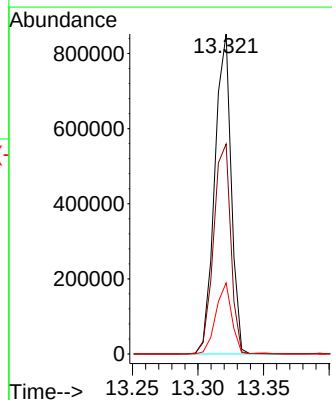
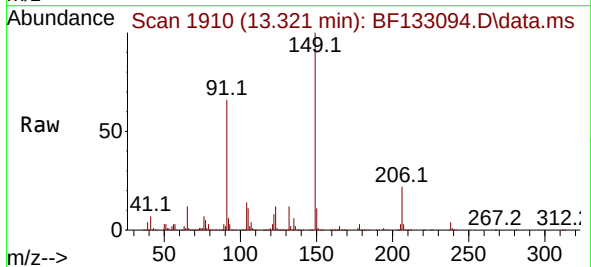
Instrument :
 BNA_F
 ClientSampleId :
 PB152410BS

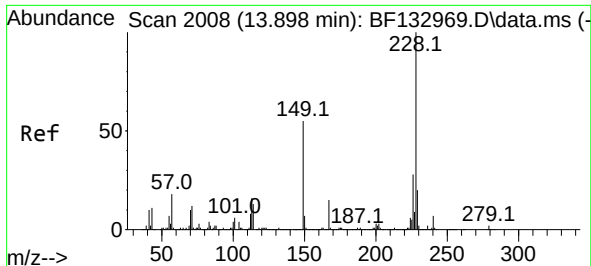
Tgt Ion:244 Resp: 2430867
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 12.0 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 46.870 ng
 RT: 13.321 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: BF133094.D
 Acq: 27 Apr 2023 12:15

Tgt Ion:149 Resp: 743649
 Ion Ratio Lower Upper
 149 100
 91 65.6 53.8 80.6
 206 22.2 17.5 26.3





#81

Benzo(a)anthracene

Concen: 40.596 ng

RT: 13.886 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

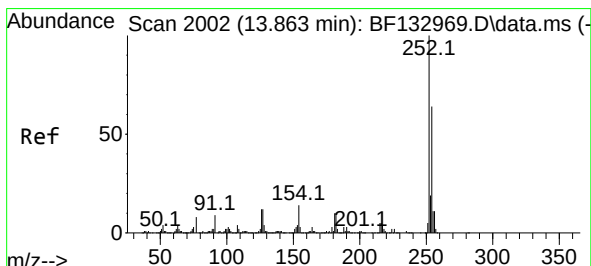
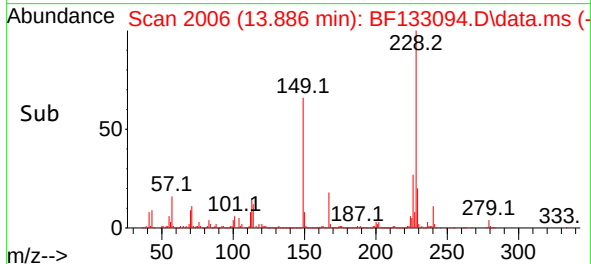
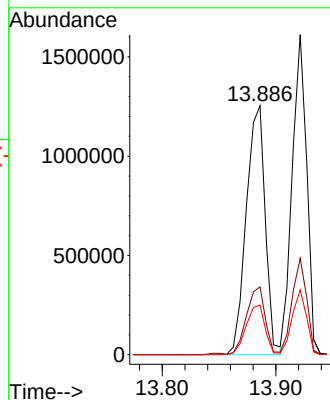
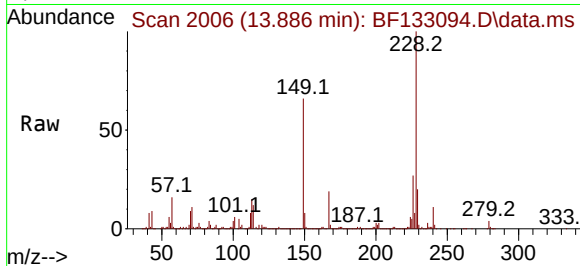
Tgt Ion:228 Resp: 1459280

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.4

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 41.609 ng

RT: 13.845 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

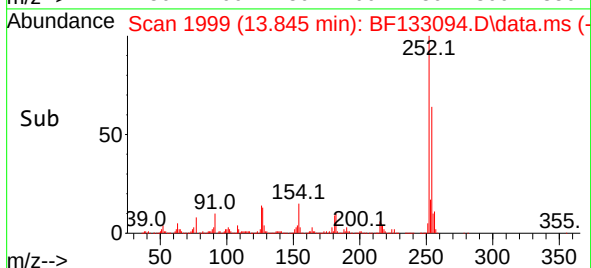
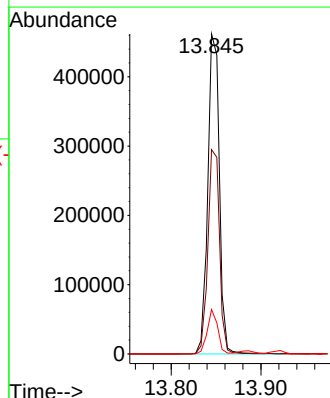
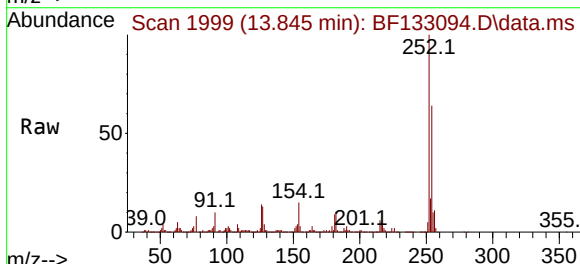
Tgt Ion:252 Resp: 413190

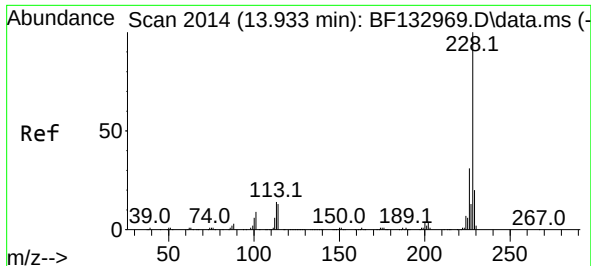
Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

126 13.9 9.5 14.3

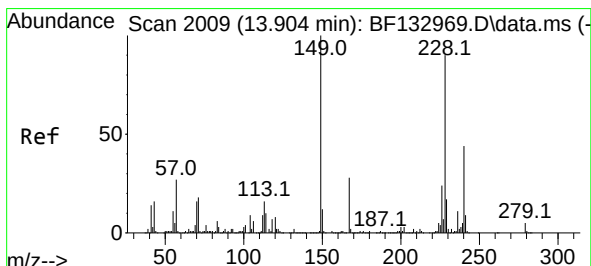
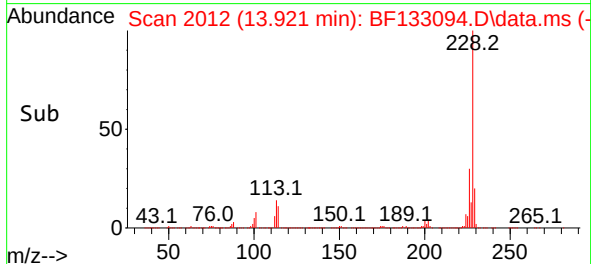
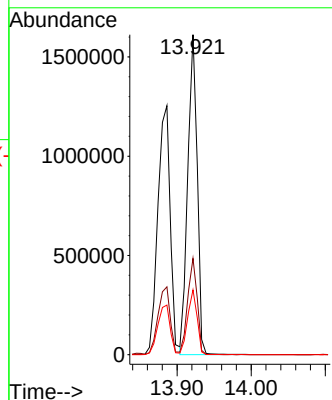
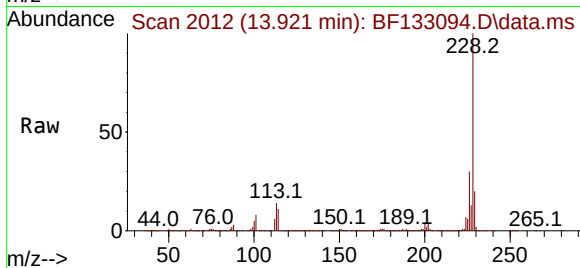




#83
Chrysene
Concen: 39.980 ng
RT: 13.921 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

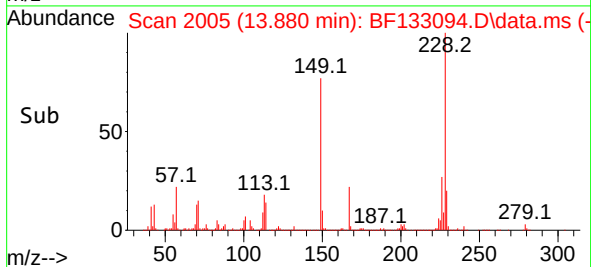
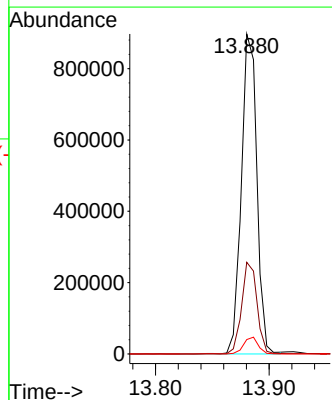
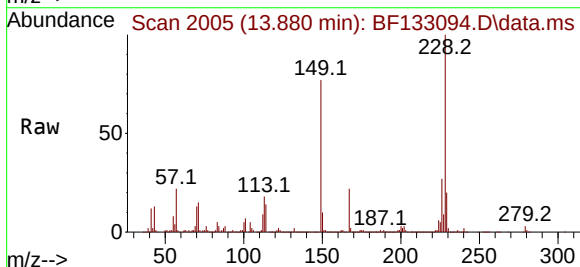
Instrument :
BNA_F
ClientSampleId :
PB152410BS

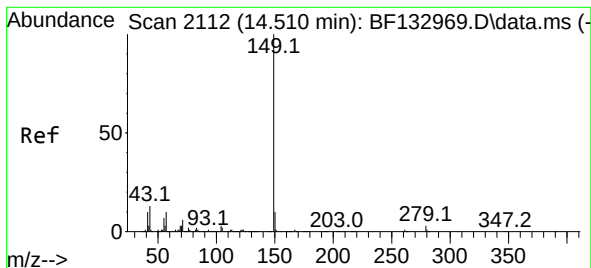
Tgt Ion:228 Resp: 1436785
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 20.3 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.737 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:149 Resp: 851096
Ion Ratio Lower Upper
149 100
167 28.6 22.5 33.7
279 4.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 49.020 ng

RT: 14.492 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

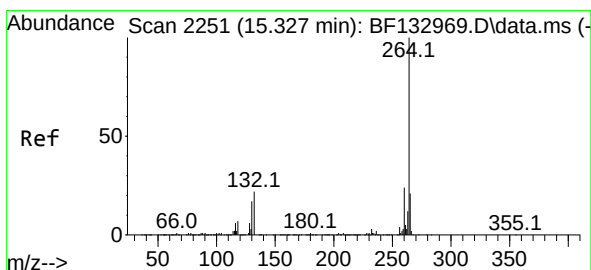
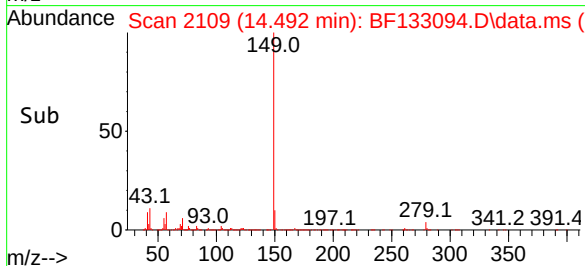
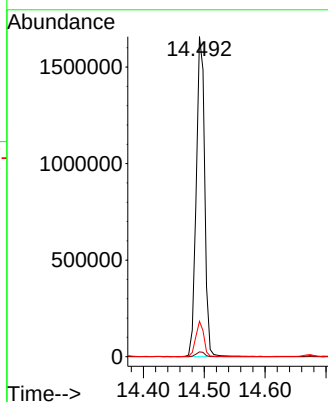
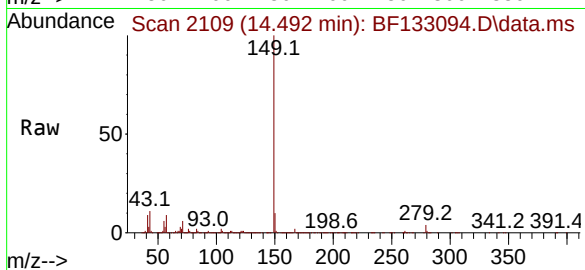
Tgt Ion:149 Resp: 1591777

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.310 min Scan# 2248

Delta R.T. -0.006 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

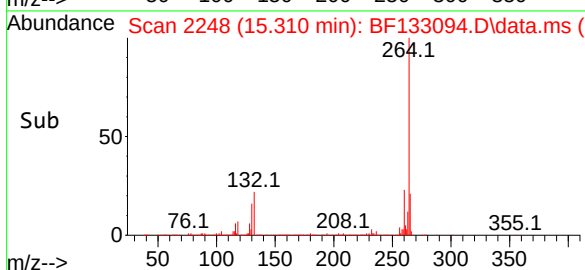
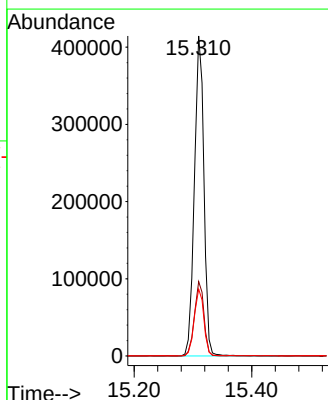
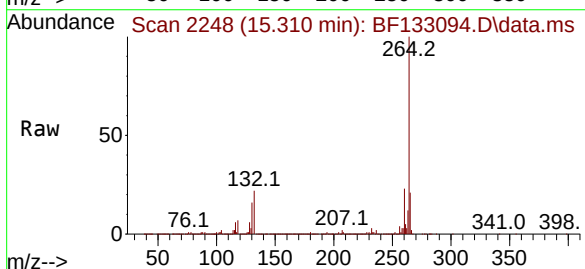
Tgt Ion:264 Resp: 466023

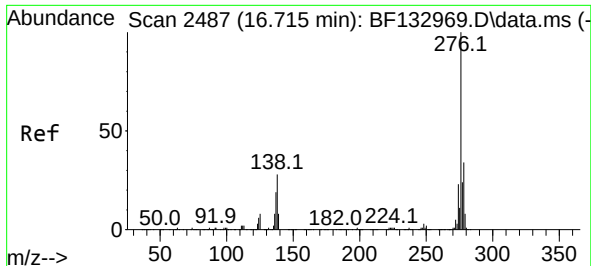
Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 20.9 17.0 25.4

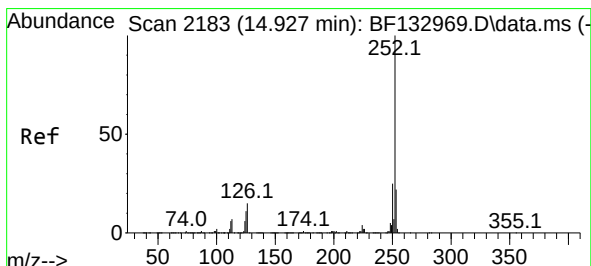
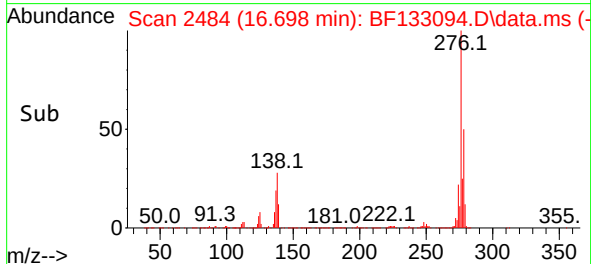
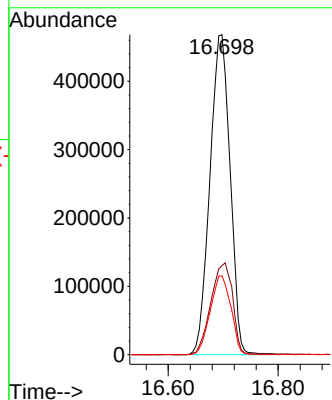
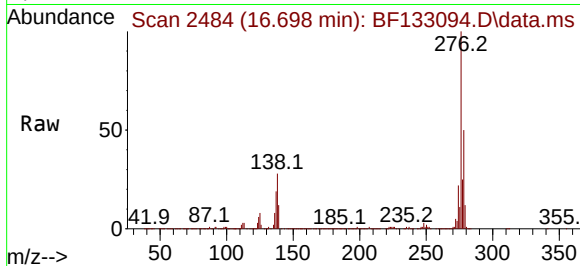




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.067 ng
 RT: 16.698 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BF133094.D
 Acq: 27 Apr 2023 12:15

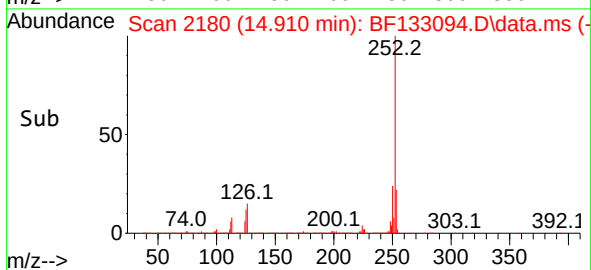
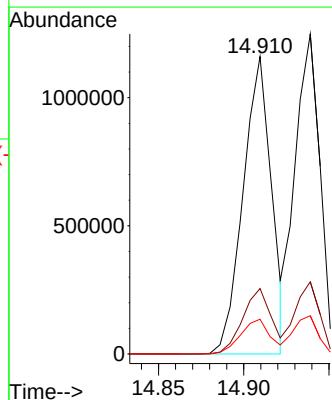
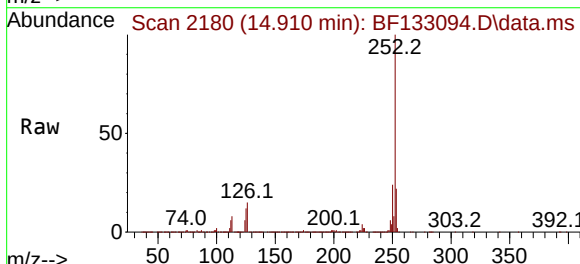
Instrument :
 BNA_F
 ClientSampleId :
 PB152410BS

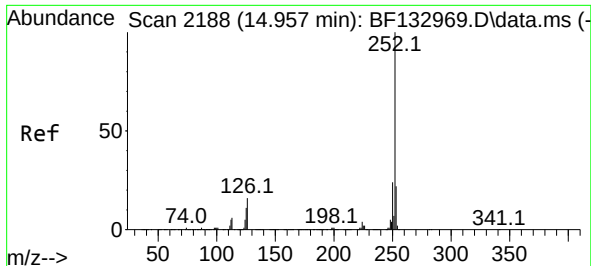
Tgt Ion:276 Resp: 1194653
 Ion Ratio Lower Upper
 276 100
 138 30.9 25.5 38.3
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 45.425 ng
 RT: 14.910 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: BF133094.D
 Acq: 27 Apr 2023 12:15

Tgt Ion:252 Resp: 1346760
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 11.7 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 43.182 ng

RT: 14.939 min Scan# 2185

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

Instrument :

BNA_F

ClientSampleId :

PB152410BS

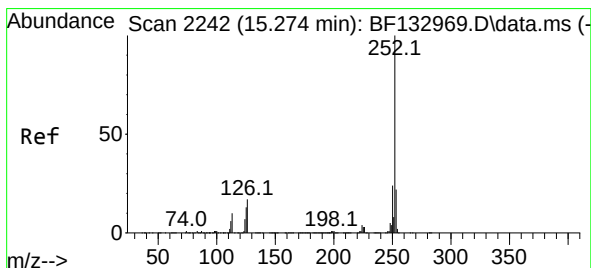
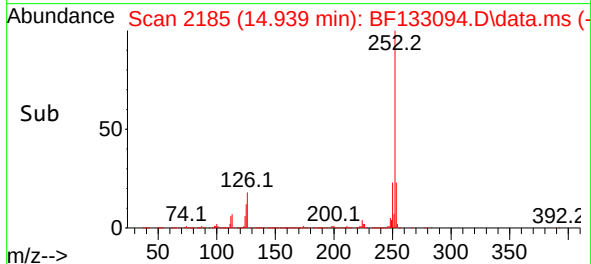
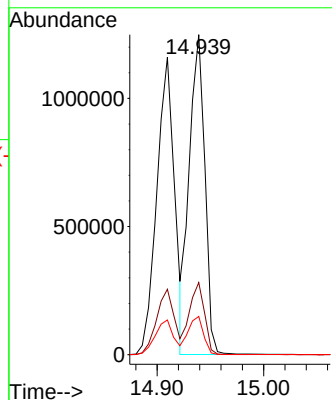
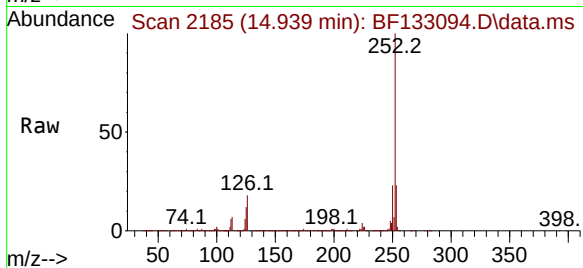
Tgt Ion:252 Resp: 1269089

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 11.9 9.0 13.4



#90

Benzo(a)pyrene

Concen: 40.058 ng

RT: 15.257 min Scan# 2239

Delta R.T. -0.000 min

Lab File: BF133094.D

Acq: 27 Apr 2023 12:15

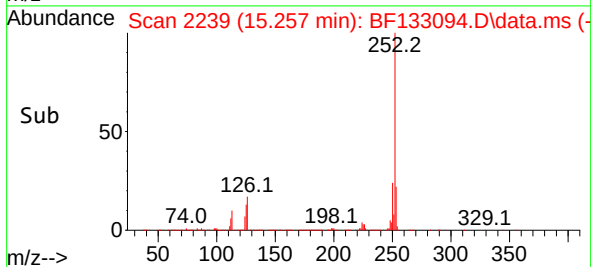
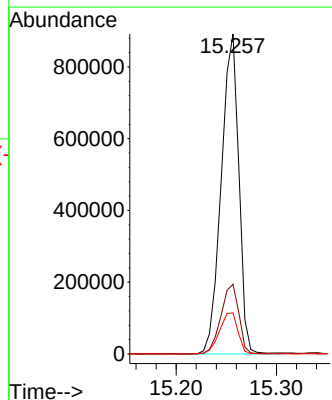
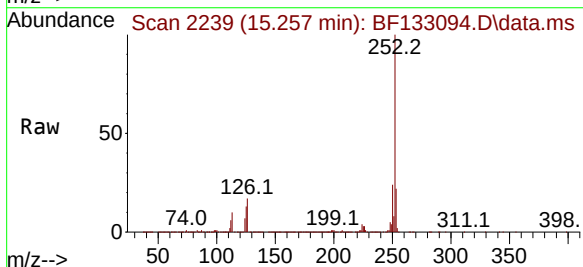
Tgt Ion:252 Resp: 1080979

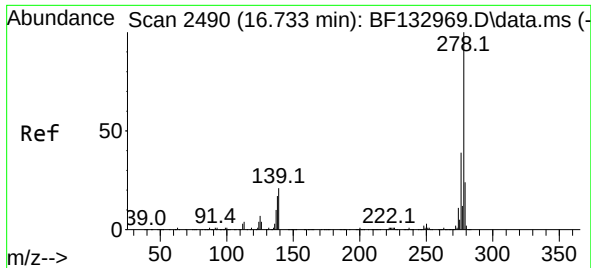
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 12.9 10.5 15.7

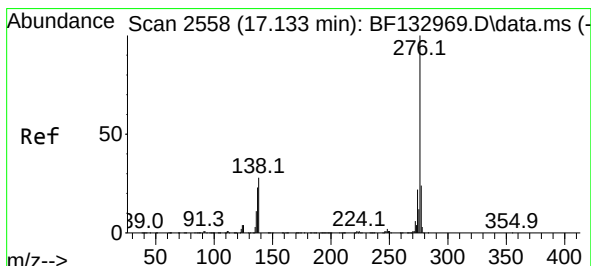
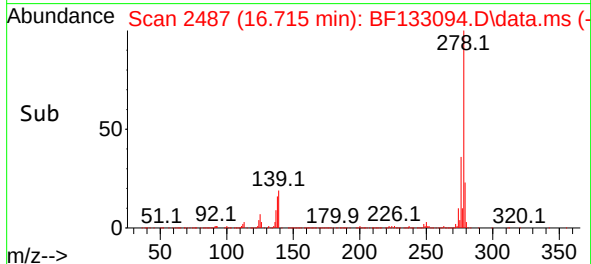
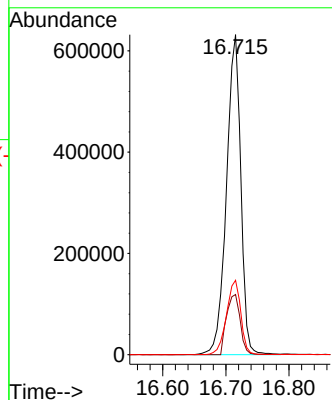
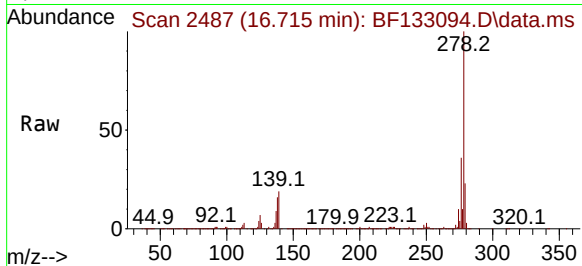




#91
Dibenzo(a,h)anthracene
Concen: 44.995 ng
RT: 16.715 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Instrument :
BNA_F
ClientSampleId :
PB152410BS

Tgt Ion:278 Resp: 994816
Ion Ratio Lower Upper
278 100
139 18.8 16.6 24.8
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 45.790 ng
RT: 17.115 min Scan# 2555
Delta R.T. -0.000 min
Lab File: BF133094.D
Acq: 27 Apr 2023 12:15

Tgt Ion:276 Resp: 999480
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 27.3 22.7 34.1

