

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135686.D
 Acq On : 10 Oct 2023 15:53
 Operator : CG\JU
 Sample : PB156053BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155781BS

Quant Time: Oct 11 02:57:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	108496	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	430874	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	220435	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	423668	20.000	ng	0.00
76) Chrysene-d12	13.933	240	221145	20.000	ng	0.00
86) Perylene-d12	15.404	264	213050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	793476	118.949	ng	0.02
7) Phenol-d6	6.398	99	959543	113.124	ng	0.00
23) Nitrobenzene-d5	7.310	82	615885	77.658	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	259077	118.268	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1123711	76.910	ng	0.00
79) Terphenyl-d14	12.869	244	1163122	81.533	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	109857	37.567	ng	99
3) Pyridine	3.293	79	247826	31.488	ng	99
4) n-Nitrosodimethylamine	3.246	42	181560	43.472	ng	94
6) Aniline	6.410	93	286304	25.740	ng	# 12
8) 2-Chlorophenol	6.534	128	313660	44.047	ng	93
9) Benzaldehyde	6.298	77	68297	14.134	ng	99
10) Phenol	6.410	94	367666	39.529	ng	80
11) bis(2-Chloroethyl)ether	6.481	93	293551	42.075	ng	96
12) 1,3-Dichlorobenzene	6.681	146	310732	42.936	ng	97
13) 1,4-Dichlorobenzene	6.757	146	315216	42.811	ng	99
14) 1,2-Dichlorobenzene	6.904	146	295001	43.143	ng	99
15) Benzyl Alcohol	6.898	79	240536	39.518	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	537121	40.843	ng	61
17) 2-Methylphenol	7.010	107	247979	39.462	ng	# 92
18) Hexachloroethane	7.240	117	117397	43.152	ng	94
19) n-Nitroso-di-n-propyla...	7.157	70	207449	39.485	ng	92
20) 3+4-Methylphenols	7.163	107	316300	41.859	ng	# 77
22) Acetophenone	7.151	105	413518	41.978	ng	# 91
24) Nitrobenzene	7.328	77	320342	40.866	ng	99
25) Isophorone	7.563	82	595815	40.913	ng	99
26) 2-Nitrophenol	7.645	139	166057	44.138	ng	94
27) 2,4-Dimethylphenol	7.687	122	257855	40.776	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	362771	41.619	ng	100
29) 2,4-Dichlorophenol	7.887	162	258470	44.110	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	261445	42.687	ng	100
31) Naphthalene	8.039	128	879571	42.015	ng	99
32) Benzoic acid	7.845	122	178449	37.475	ng	98
33) 4-Chloroaniline	8.098	127	223211	24.302	ng	98
34) Hexachlorobutadiene	8.151	225	155213	42.028	ng	99
35) Caprolactam	8.481	113	54108	27.513	ng	97
36) 4-Chloro-3-methylphenol	8.598	107	284753	43.723	ng	99
37) 2-Methylnaphthalene	8.734	142	548896	39.005	ng	100
38) 1-Methylnaphthalene	8.834	142	524503	39.810	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	265545	41.581	ng	100
41) Hexachlorocyclopentadiene	8.881	237	112325	43.617	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	170991	40.894	ng	97

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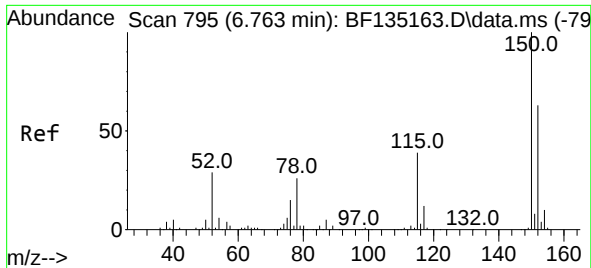
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	182706	37.943	ng	98
46) 1,1'-Biphenyl	9.198	154	697152	41.154	ng	98
47) 2-Chloronaphthalene	9.228	162	526338	42.823	ng	99
48) 2-Nitroaniline	9.334	65	205536	43.044	ng	96
49) Acenaphthylene	9.639	152	844943	41.364	ng	99
50) Dimethylphthalate	9.510	163	626858	42.061	ng	99
51) 2,6-Dinitrotoluene	9.581	165	140982	43.181	ng	92
52) Acenaphthene	9.810	154	508002	42.098	ng	98
53) 3-Nitroaniline	9.751	138	117910	30.766	ng	97
54) 2,4-Dinitrophenol	9.875	184	133586	72.693	ng	99
55) Dibenzofuran	9.986	168	744722	40.443	ng	95
56) 4-Nitrophenol	9.939	139	143217	58.799	ng	97
57) 2,4-Dinitrotoluene	9.992	165	173959	42.560	ng	93
58) Fluorene	10.333	166	603541	42.635	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	153717	41.499	ng	98
60) Diethylphthalate	10.210	149	625020	41.787	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	287312	42.251	ng	96
62) 4-Nitroaniline	10.375	138	146855	39.864	ng	97
63) Azobenzene	10.486	77	619280	42.305	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	94966	42.203	ng	88
66) n-Nitrosodiphenylamine	10.445	169	546225	42.586	ng	98
67) 4-Bromophenyl-phenylether	10.816	248	174829	41.491	ng	99
68) Hexachlorobenzene	10.880	284	190512	44.380	ng	# 90
69) Atrazine	10.980	200	164091	47.546	ng	99
70) Pentachlorophenol	11.086	266	128879	50.179	ng	98
71) Phenanthrene	11.298	178	868819	43.359	ng	99
72) Anthracene	11.351	178	877445	42.602	ng	100
73) Carbazole	11.516	167	831530	44.349	ng	99
74) Di-n-butylphthalate	11.839	149	984376	44.555	ng	99
75) Fluoranthene	12.498	202	910668	43.616	ng	98
77) Benzidine	12.627	184	171787	37.917	ng	99
78) Pyrene	12.727	202	914245	43.422	ng	99
80) Butylbenzylphthalate	13.345	149	346373	46.725	ng	97
81) Benzo(a)anthracene	13.927	228	638217	44.693	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	176333	39.533	ng	# 97
83) Chrysene	13.963	228	590820	41.614	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	407744	53.601	ng	100
85) Di-n-octyl phthalate	14.521	149	572359	47.345	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	646866	46.307	ng	99
88) Benzo(b)fluoranthene	14.974	252	533423	46.251	ng	98
89) Benzo(k)fluoranthene	15.004	252	481676	42.279	ng	98
90) Benzo(a)pyrene	15.345	252	471732	42.891	ng	97
91) Dibenzo(a,h)anthracene	16.909	278	527360	46.140	ng	97
92) Benzo(g,h,i)perylene	17.351	276	554677	46.468	ng	99

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

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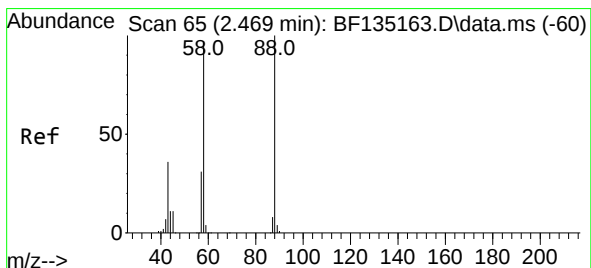
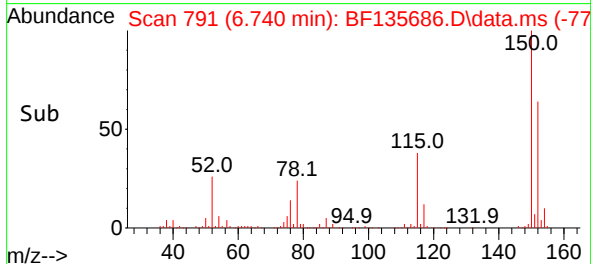
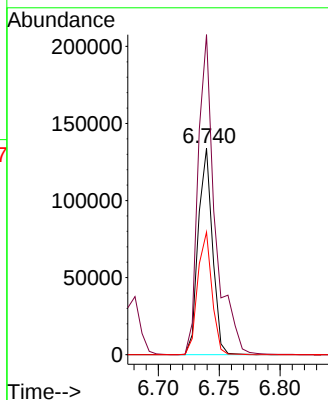
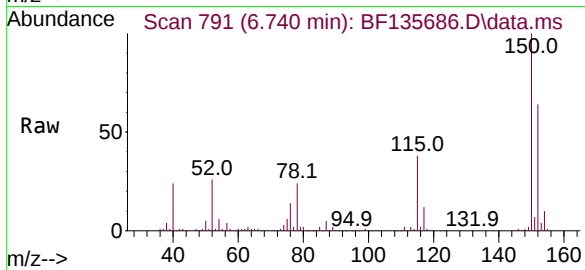




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF135686.D
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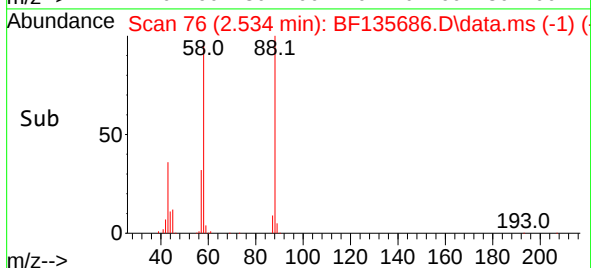
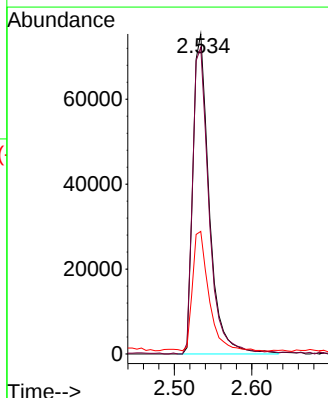
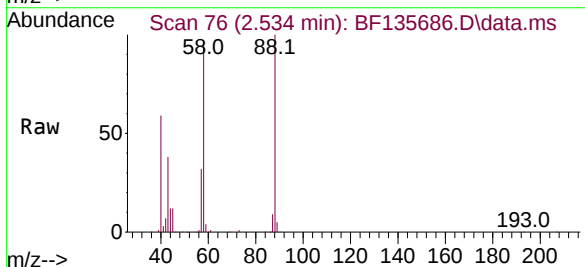
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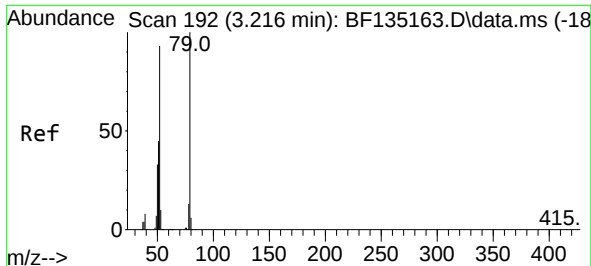
Tgt Ion:152 Resp: 108496
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.8 191.6
 115 59.4 49.8 74.8



#2
 1,4-Dioxane
 Concen: 37.567 ng
 RT: 2.534 min Scan# 76
 Delta R.T. 0.106 min
 Lab File: BF135686.D
 Acq: 10 Oct 2023 15:53

Tgt Ion: 88 Resp: 109857
 Ion Ratio Lower Upper
 88 100
 58 97.4 78.3 117.5
 43 37.6 29.4 44.0

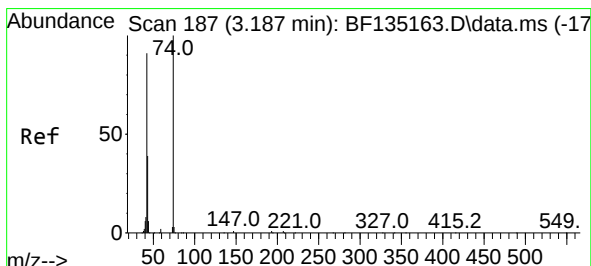
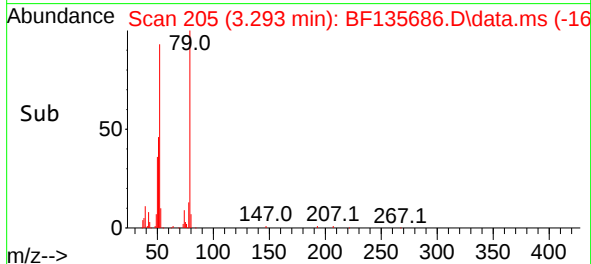
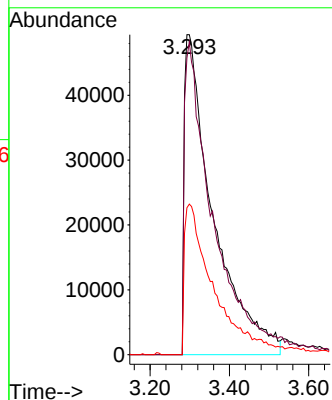
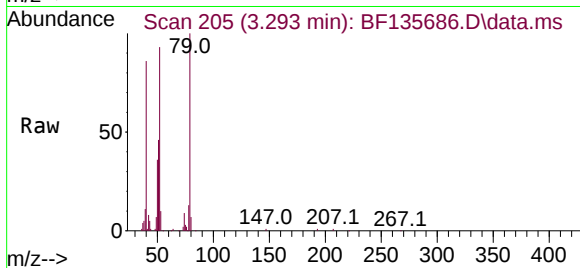




#3
Pyridine
Concen: 31.488 ng
RT: 3.293 min Scan# 20
Delta R.T. 0.118 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

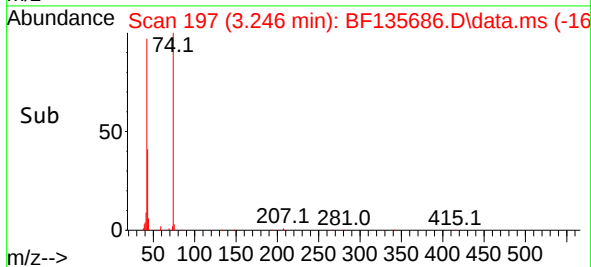
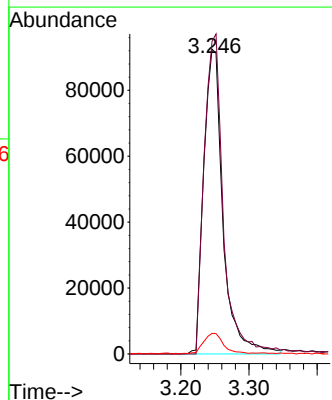
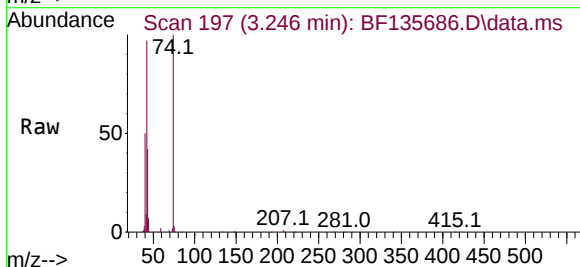
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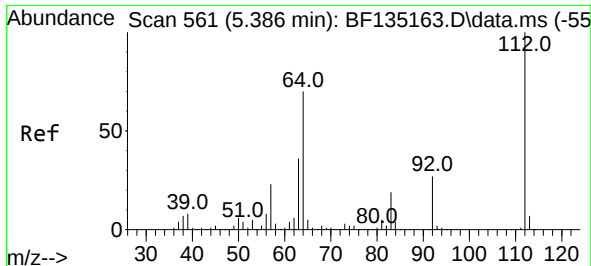
Tgt Ion: 79 Resp: 247826
Ion Ratio Lower Upper
79 100
52 92.7 74.1 111.1
51 45.9 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 43.472 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.094 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion: 42 Resp: 181560
Ion Ratio Lower Upper
42 100
74 102.6 87.7 131.5
44 6.8 5.6 8.4

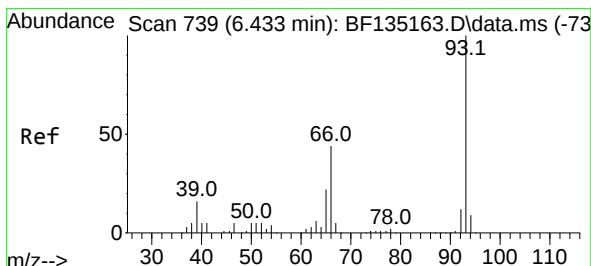
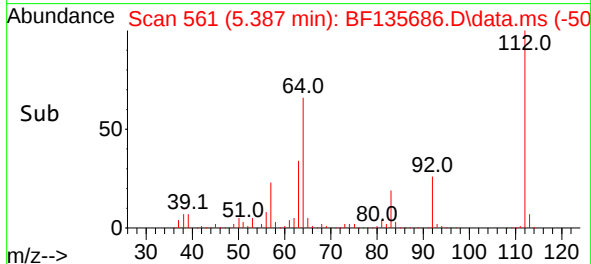
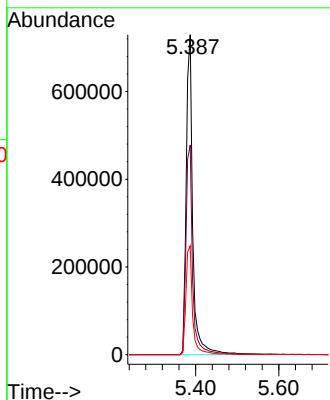
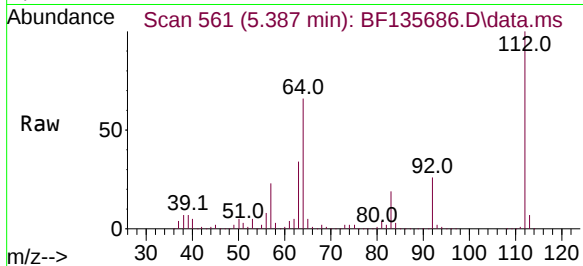




#5
2-Fluorophenol
Concen: 118.949 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

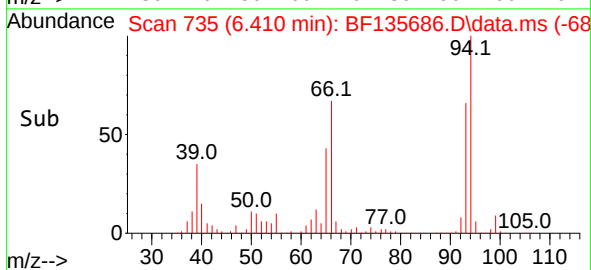
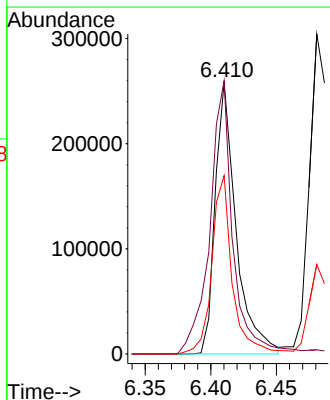
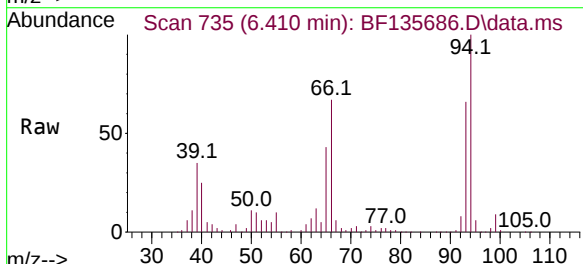
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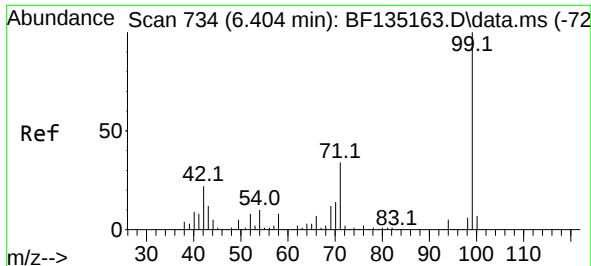
Tgt Ion:112 Resp: 793476
Ion Ratio Lower Upper
112 100
64 65.5 55.9 83.9
63 34.0 29.0 43.6



#6
Aniline
Concen: 25.740 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion: 93 Resp: 286304
Ion Ratio Lower Upper
93 100
66 100.5 35.4 53.0#
65 65.6 17.8 26.8#

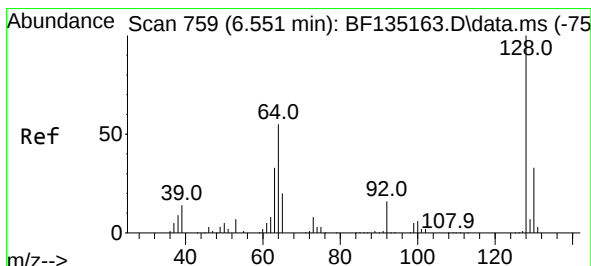
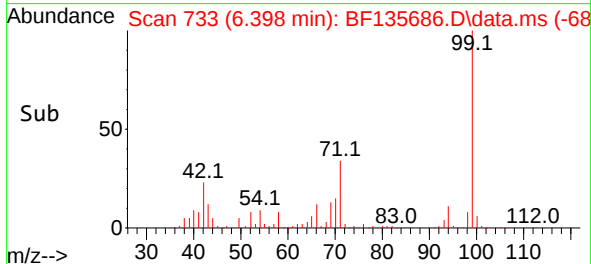
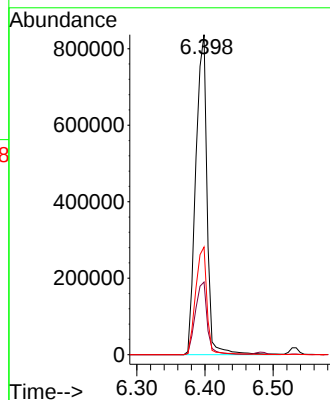
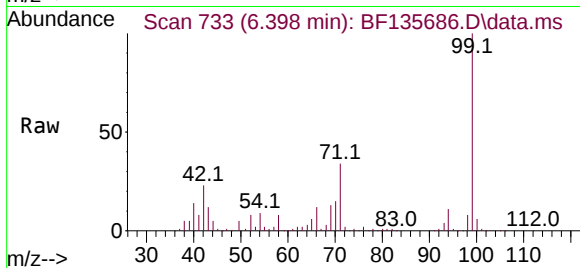




#7
Phenol-d6
Concen: 113.124 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

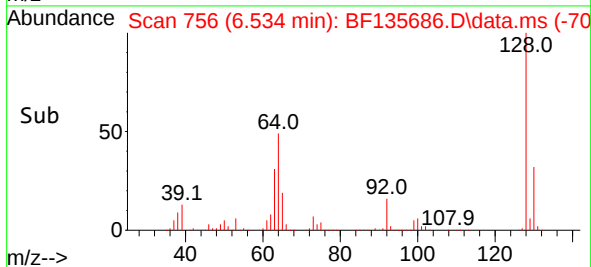
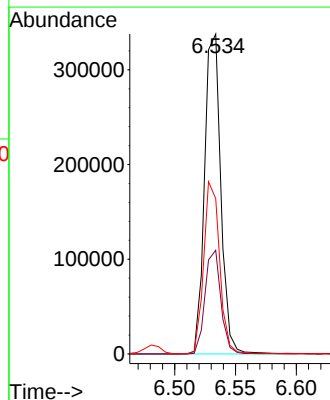
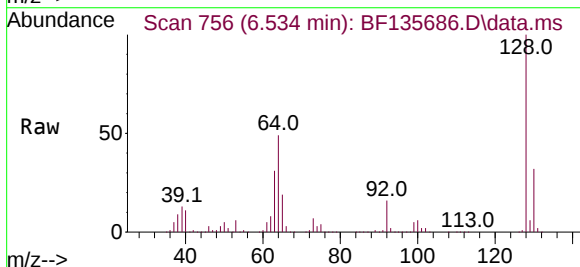
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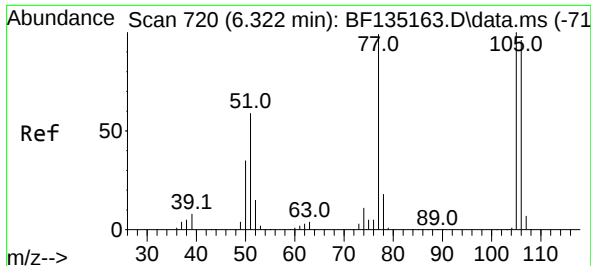
Tgt Ion: 99 Resp: 959543
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 33.7 27.0 40.6



#8
2-Chlorophenol
Concen: 44.047 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:128 Resp: 313660
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 48.6 35.9 75.9

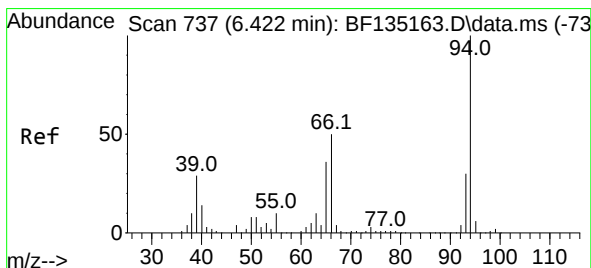
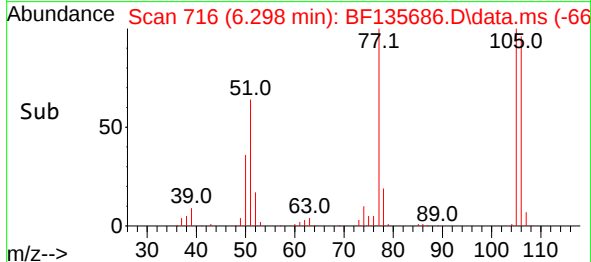
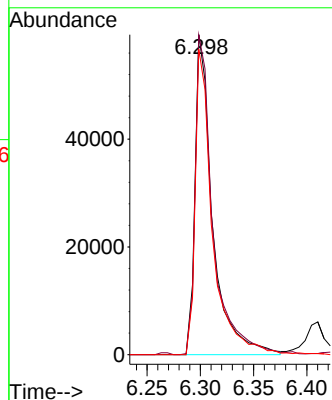
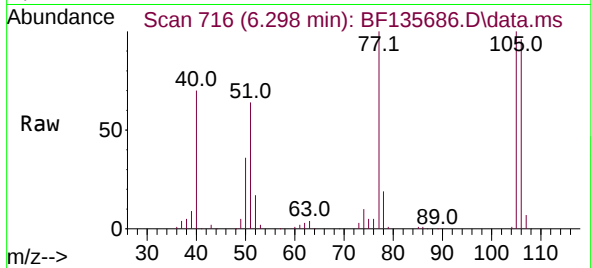




#9
Benzaldehyde
Concen: 14.134 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

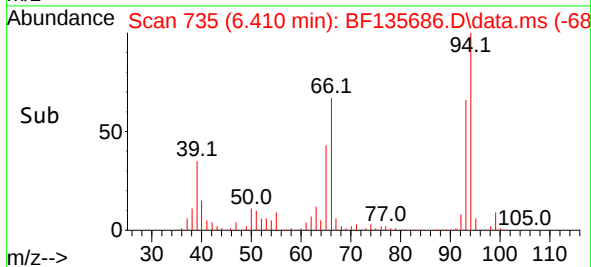
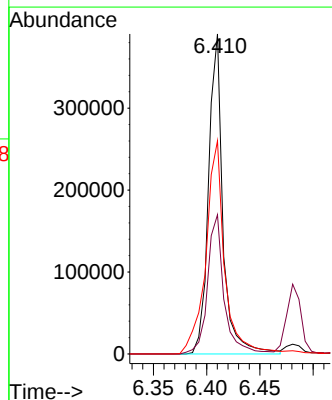
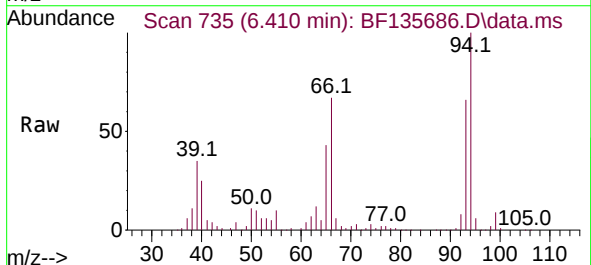
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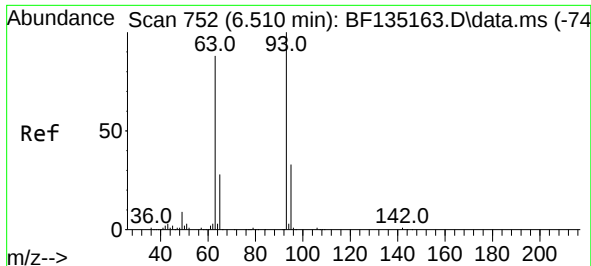
Tgt Ion: 77 Resp: 68297
Ion Ratio Lower Upper
77 100
105 99.9 81.4 121.4
106 95.5 76.9 116.9



#10
Phenol
Concen: 39.529 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion: 94 Resp: 367666
Ion Ratio Lower Upper
94 100
65 43.5 15.9 55.9
66 66.6 29.8 69.8

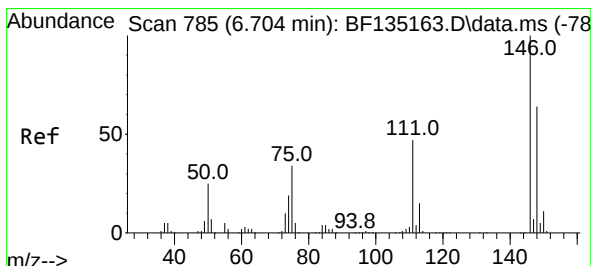
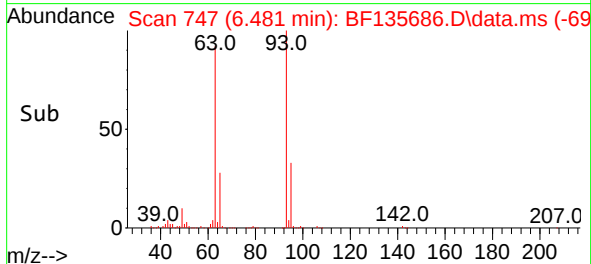
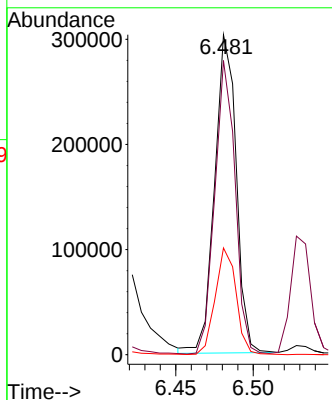
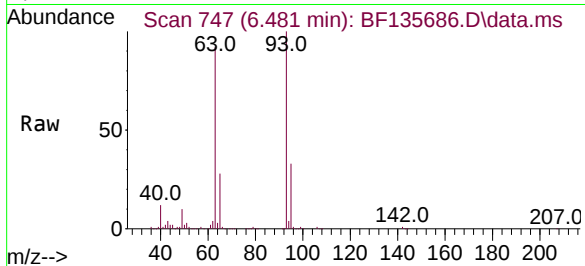




#11
bis(2-Chloroethyl)ether
Concen: 42.075 ng
RT: 6.481 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

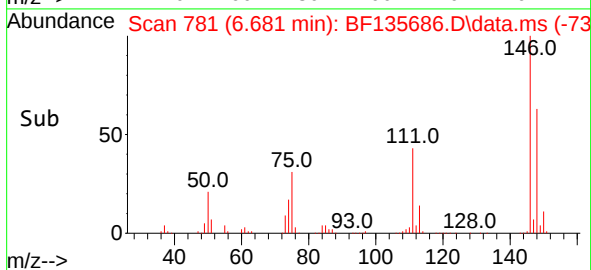
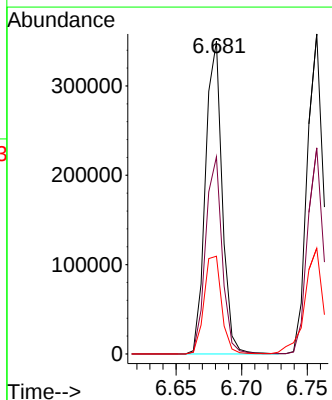
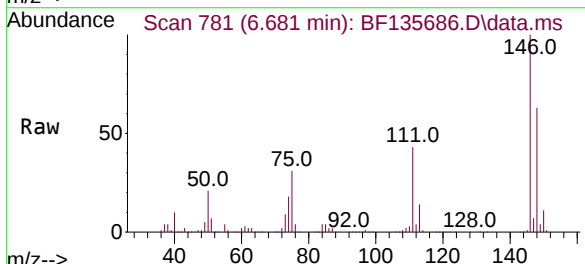
Instrument :
BNA_F
ClientSampleId :
PB155781BS

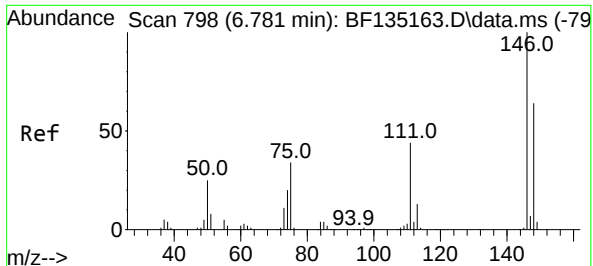
Tgt Ion: 93 Resp: 293551
Ion Ratio Lower Upper
93 100
63 91.9 67.3 107.3
95 33.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.936 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:146 Resp: 310732
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 31.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.811 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

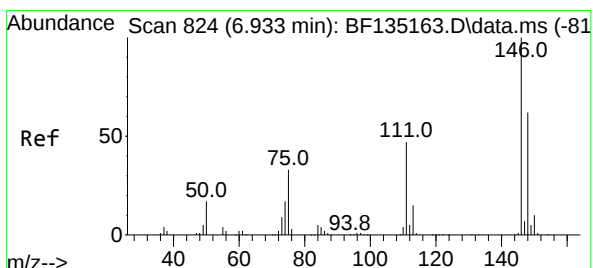
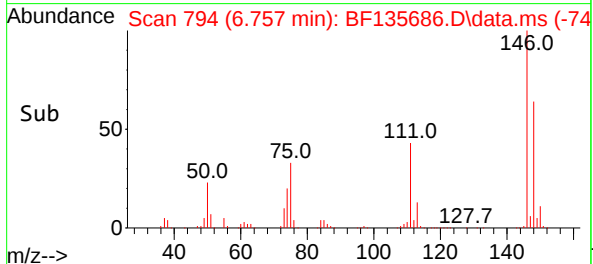
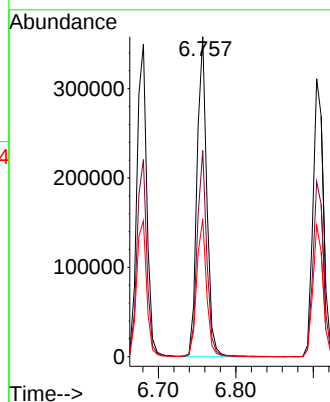
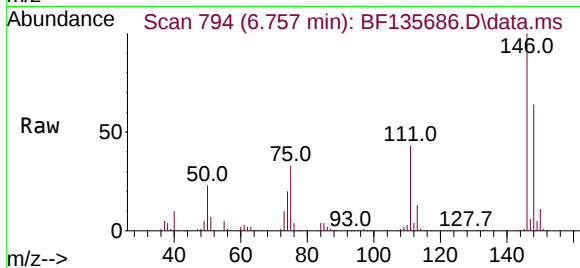
Tgt Ion:146 Resp: 315216

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

111 43.1 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 43.143 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

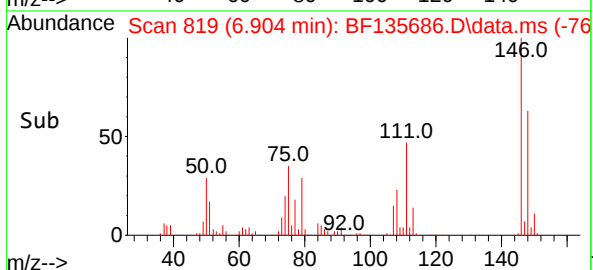
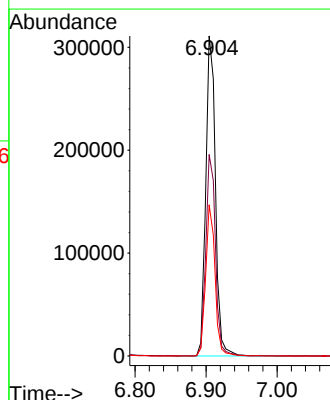
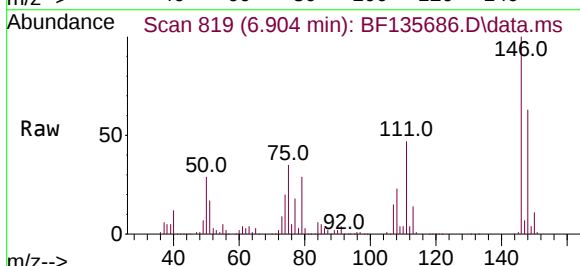
Tgt Ion:146 Resp: 295001

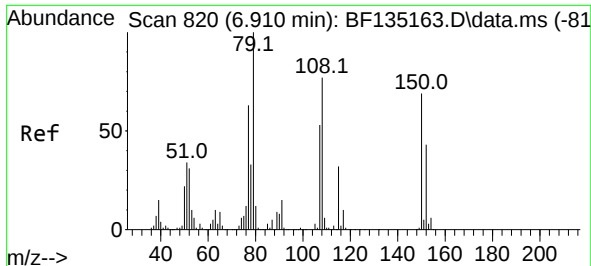
Ion Ratio Lower Upper

146 100

148 63.0 49.7 74.5

111 47.3 37.4 56.2

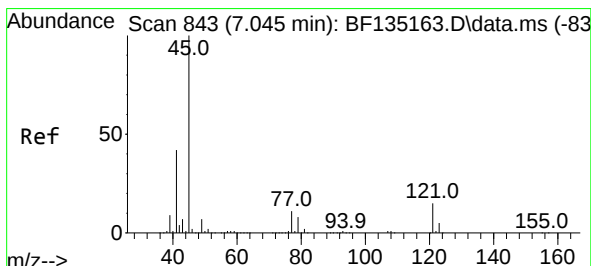
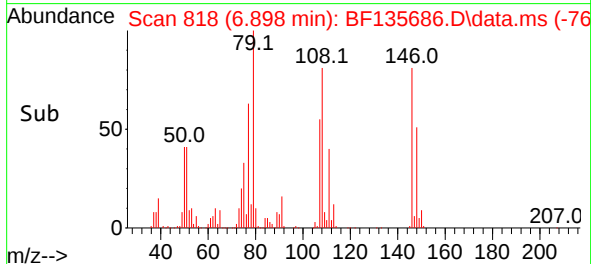
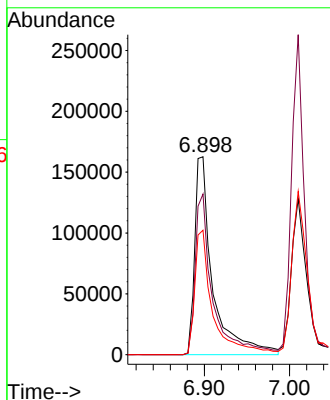
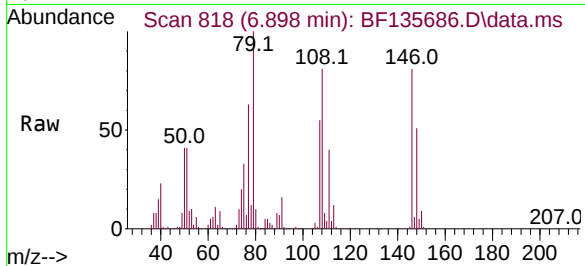




#15
Benzyl Alcohol
Concen: 39.518 ng
RT: 6.898 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

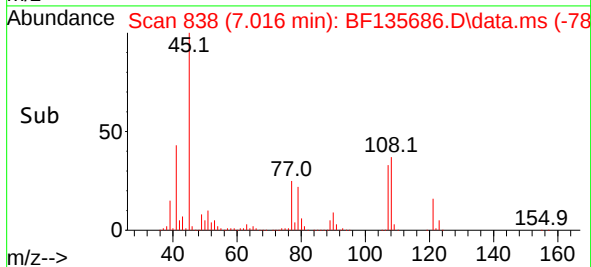
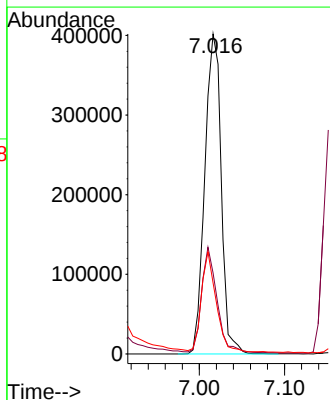
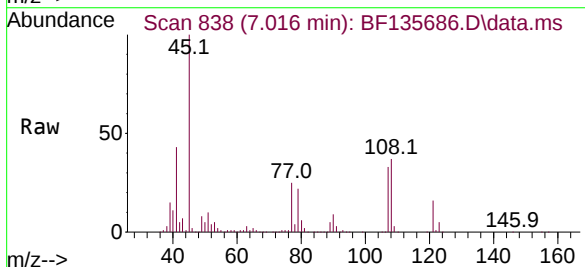
Instrument :
BNA_F
ClientSampleId :
PB155781BS

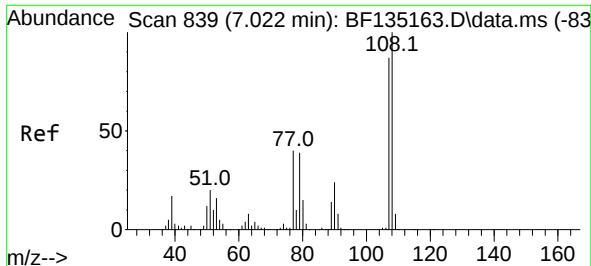
Tgt Ion: 79 Resp: 240536
Ion Ratio Lower Upper
79 100
108 81.1 61.2 91.8
77 62.9 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.843 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion: 45 Resp: 537121
Ion Ratio Lower Upper
45 100
77 25.3 0.0 30.6
79 22.2 0.0 28.3

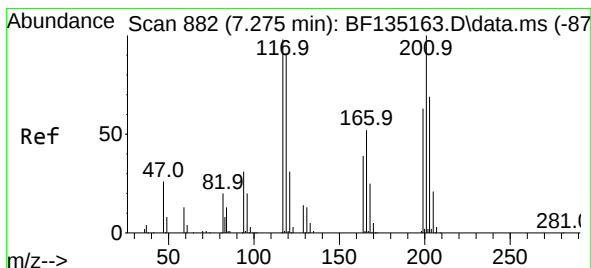
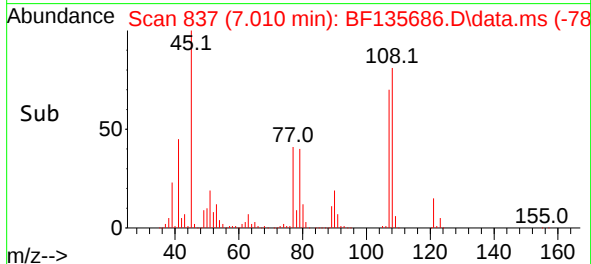
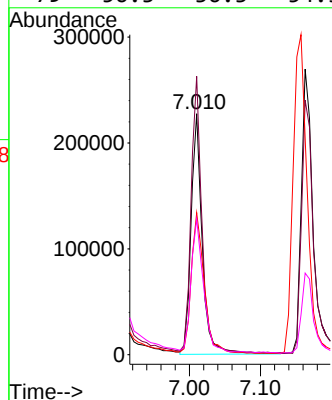
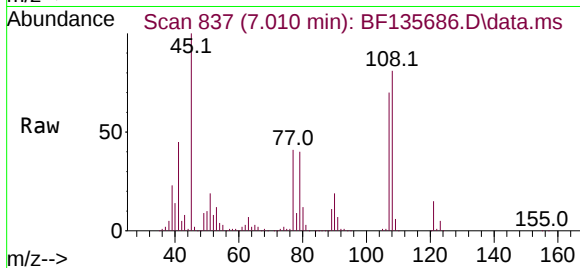




#17
2-Methylphenol
Concen: 39.462 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

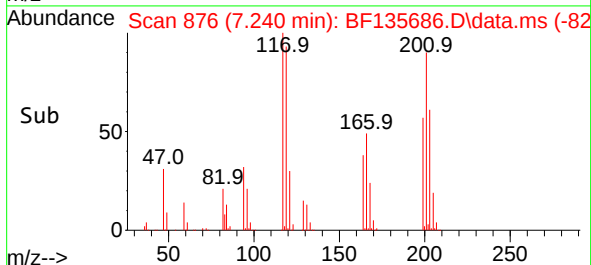
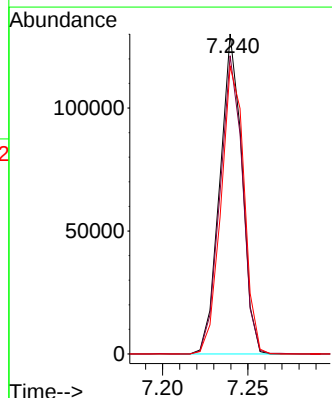
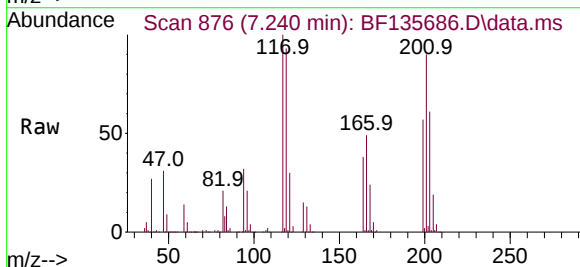
Instrument :
BNA_F
ClientSampleId :
PB155781BS

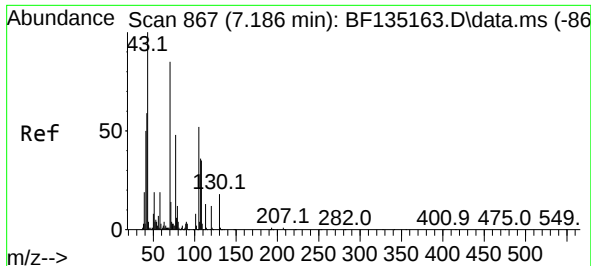
Tgt Ion:107 Resp: 247979
Ion Ratio Lower Upper
107 100
108 115.5 92.0 138.0
77 58.9 36.7 55.1#
79 56.3 36.3 54.5#



#18
Hexachloroethane
Concen: 43.152 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:117 Resp: 117397
Ion Ratio Lower Upper
117 100
119 93.2 74.7 112.1
201 89.9 81.8 122.8

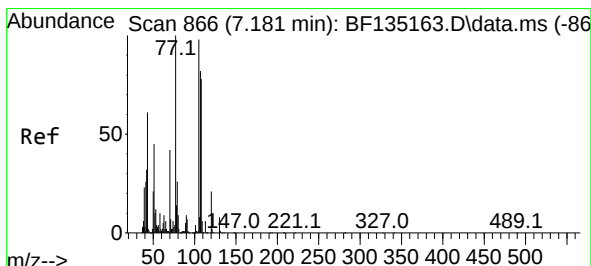
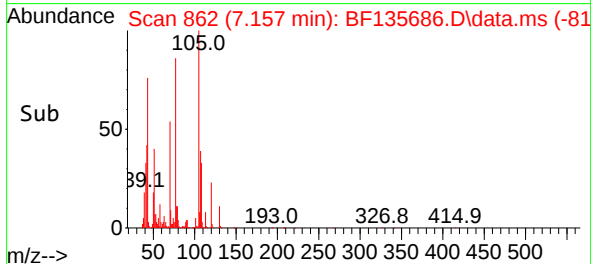
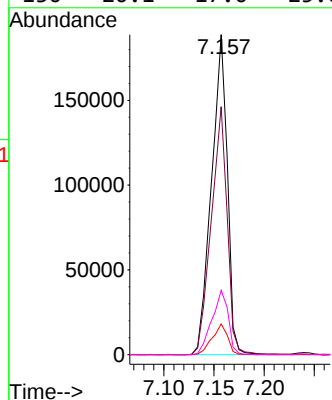
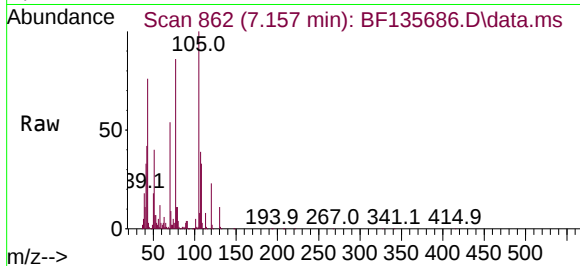




#19
n-Nitroso-di-n-propylamine
Concen: 39.485 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

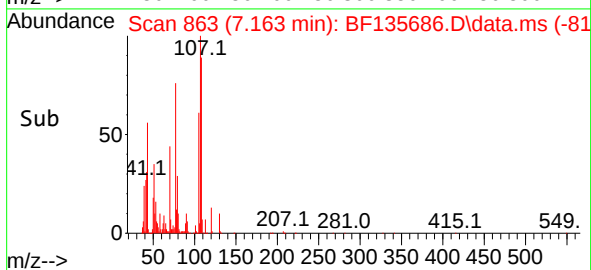
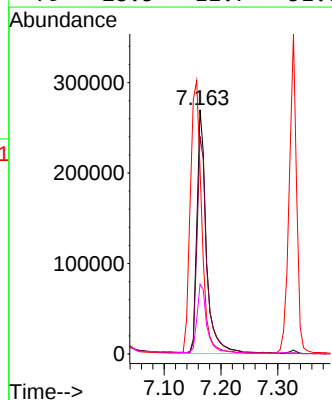
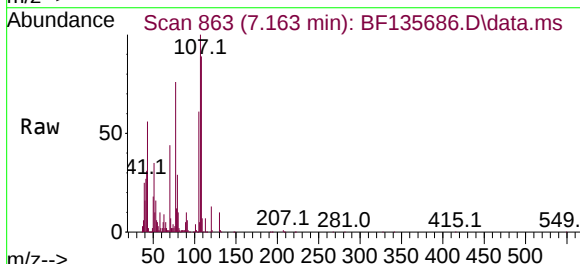
Instrument :
BNA_F
ClientSampleId :
PB155781BS

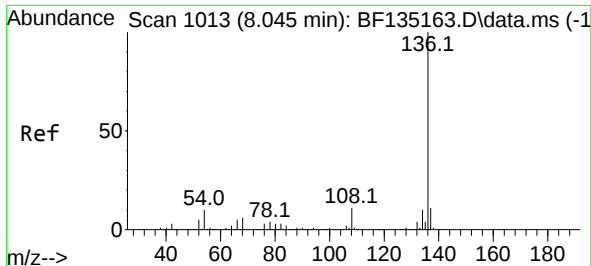
Tgt Ion: 70 Resp: 207449
Ion Ratio Lower Upper
70 100
42 77.5 55.4 83.0
101 9.6 7.7 11.5
130 20.1 17.0 25.6



#20
3+4-Methylphenols
Concen: 41.859 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion: 107 Resp: 316300
Ion Ratio Lower Upper
107 100
108 89.1 74.7 114.7
77 75.8 102.0 142.0#
79 28.5 11.7 51.7

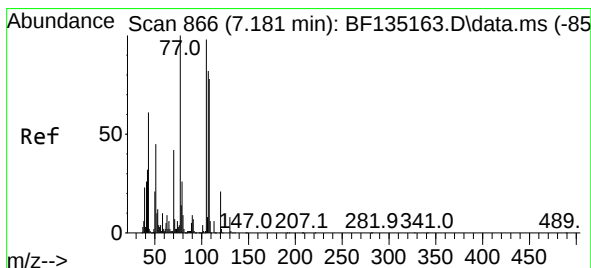
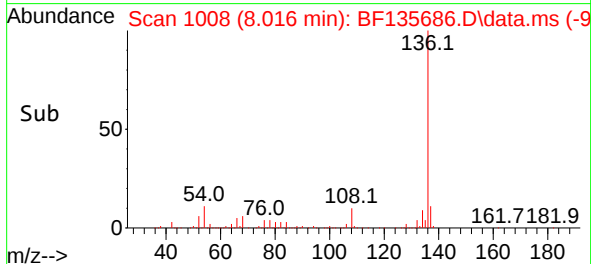
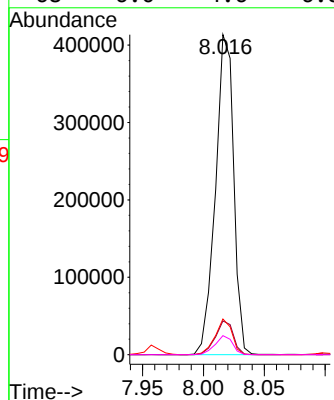
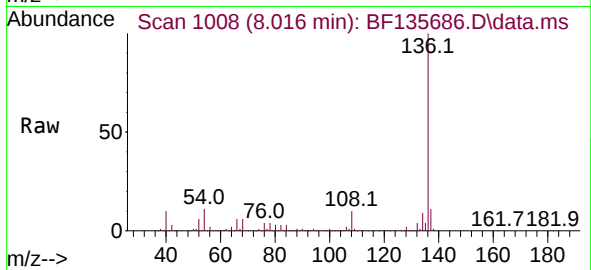




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

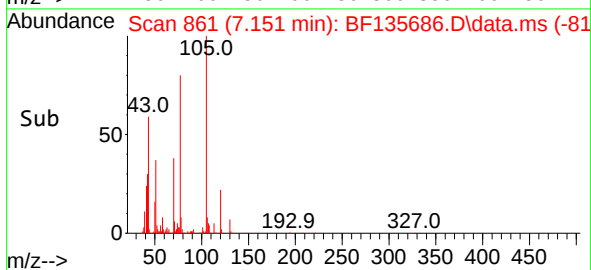
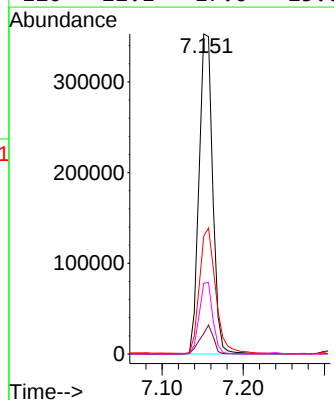
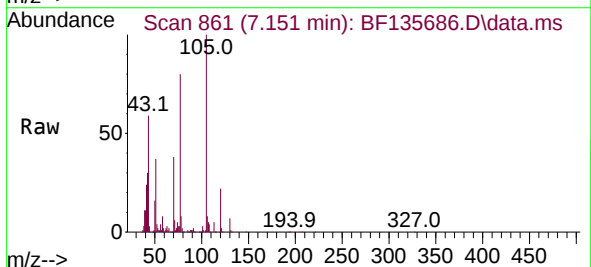
Instrument :
BNA_F
ClientSampleId :
PB155781BS

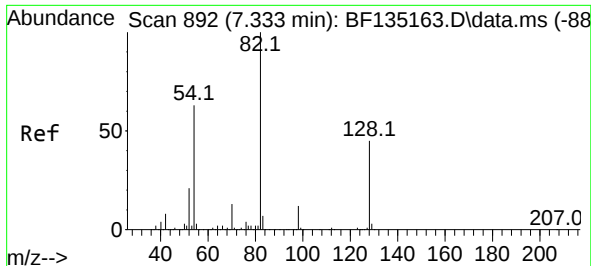
Tgt	Ion:136	Resp:	430874
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	11.1	7.7	11.5
68	6.0	4.6	6.8



#22
Acetophenone
Concen: 41.978 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt	Ion:105	Resp:	413518
Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.8	8.6
51	36.8	37.0	55.4#
120	22.1	17.0	25.6





#23

Nitrobenzene-d5

Concen: 77.658 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

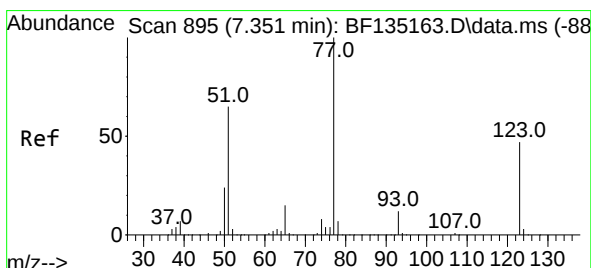
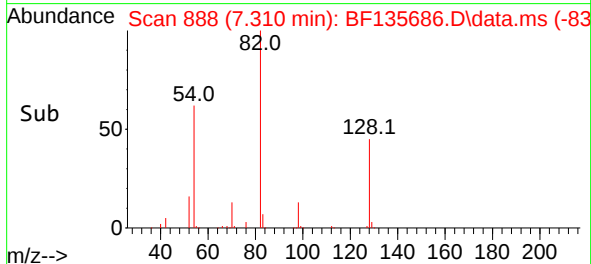
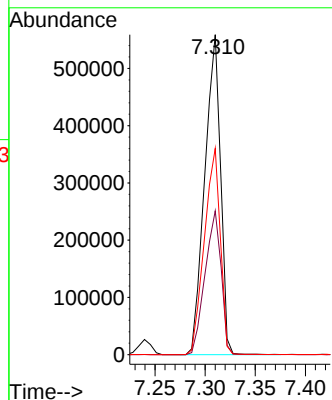
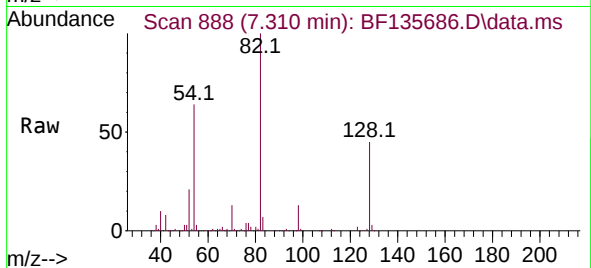
Tgt Ion: 82 Resp: 615885

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.6

54 64.5 50.6 76.0



#24

Nitrobenzene

Concen: 40.866 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

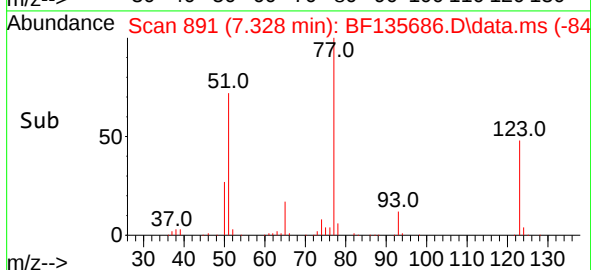
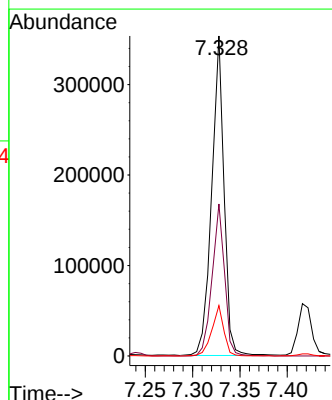
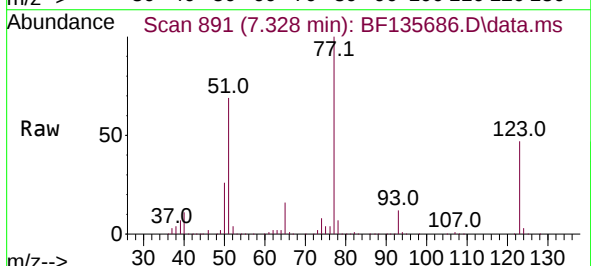
Tgt Ion: 77 Resp: 320342

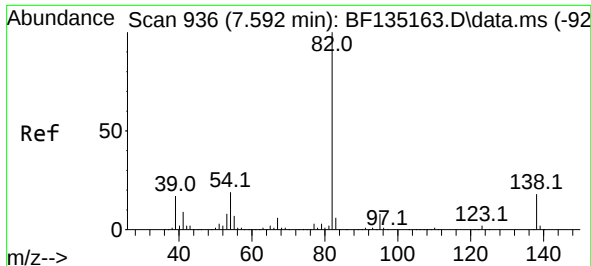
Ion Ratio Lower Upper

77 100

123 47.5 37.6 56.4

65 15.7 12.2 18.4

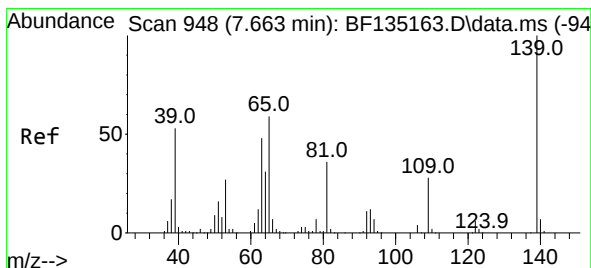
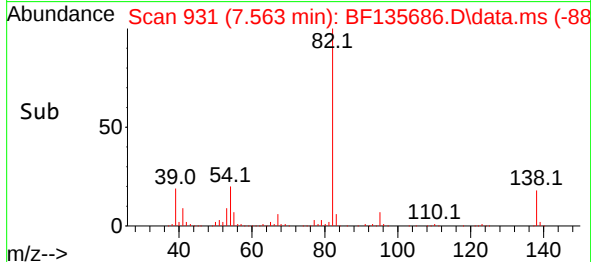
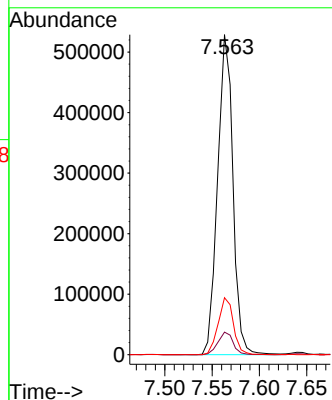
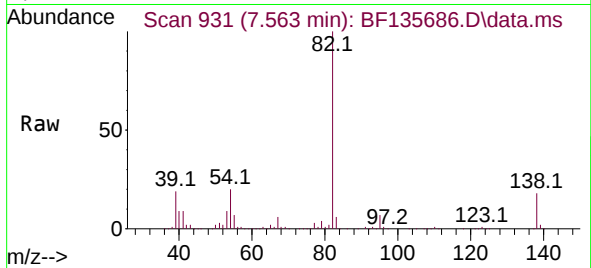




#25
Isophorone
Concen: 40.913 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

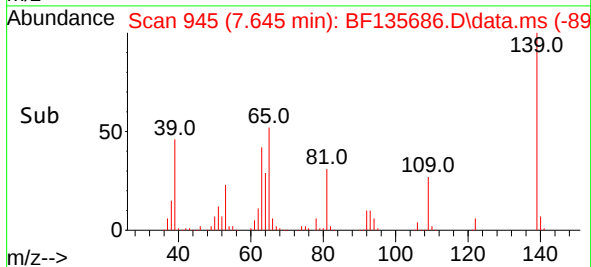
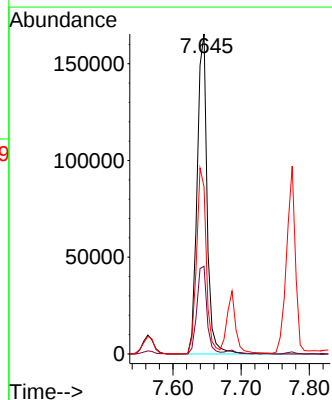
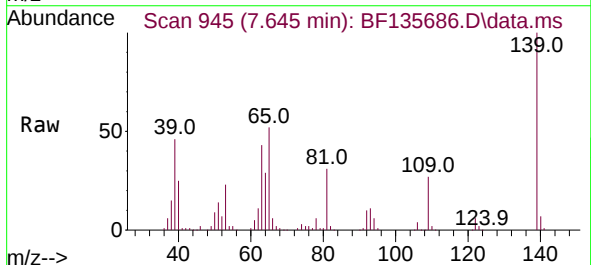
Instrument :
BNA_F
ClientSampleId :
PB155781BS

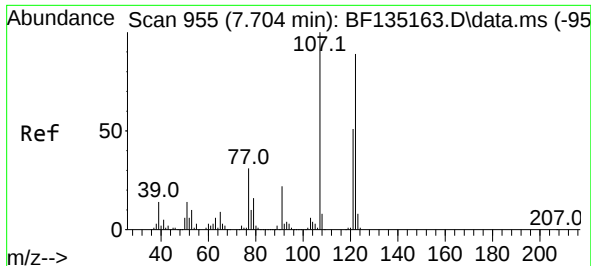
Tgt Ion: 82 Resp: 595815
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 17.8 14.5 21.7



#26
2-Nitrophenol
Concen: 44.138 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:139 Resp: 166057
Ion Ratio Lower Upper
139 100
109 27.4 22.6 33.8
65 52.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.776 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135686.D

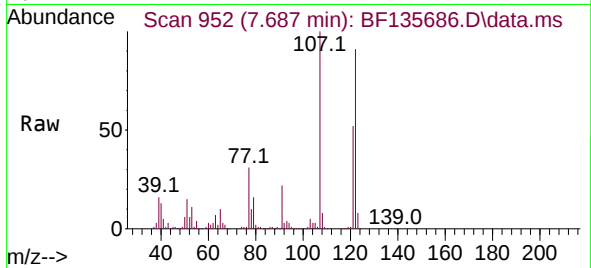
Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS



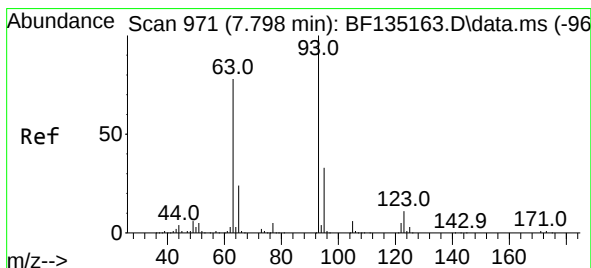
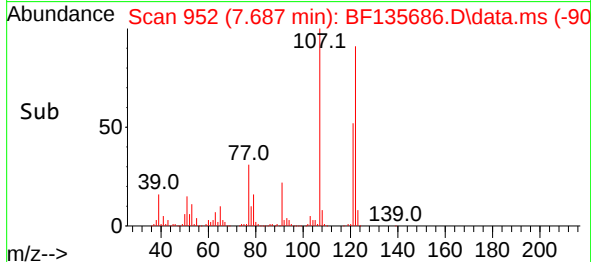
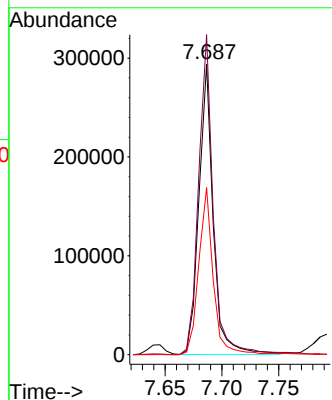
Tgt Ion:122 Resp: 257855

Ion Ratio Lower Upper

122 100

107 110.1 90.2 135.4

121 57.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.619 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

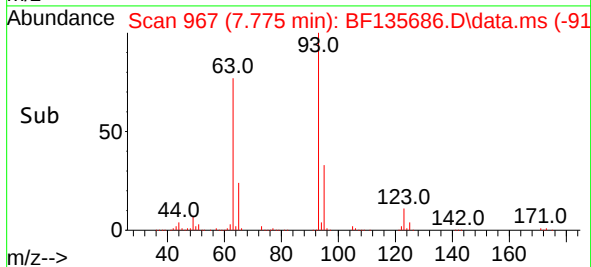
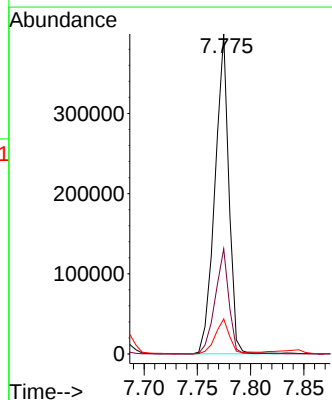
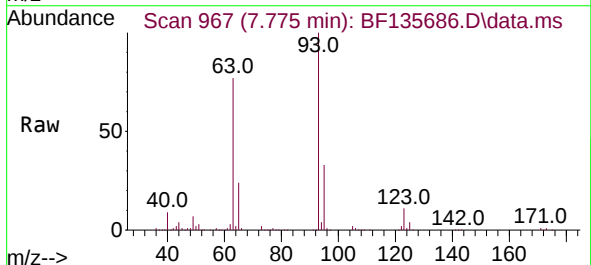
Tgt Ion: 93 Resp: 362771

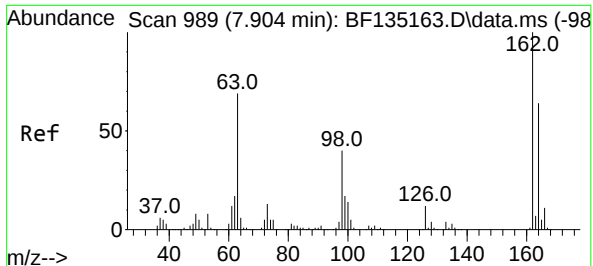
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 44.110 ng

RT: 7.887 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

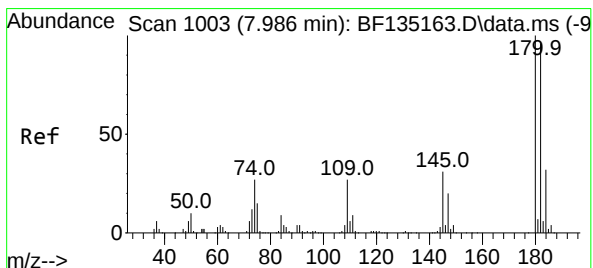
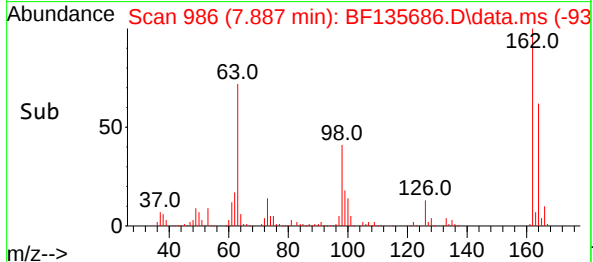
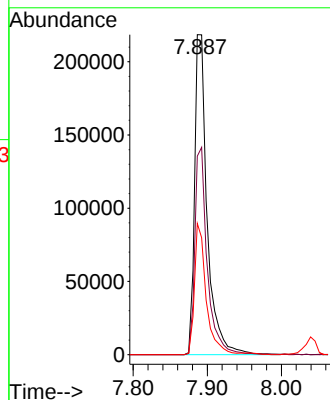
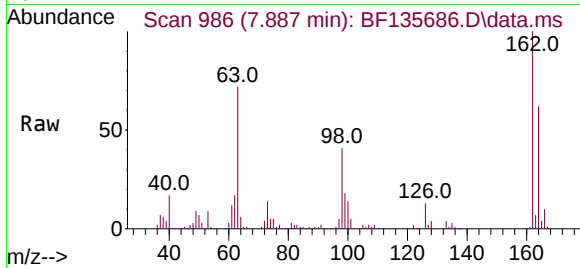
Tgt Ion:162 Resp: 258470

Ion Ratio Lower Upper

162 100

164 62.1 44.1 84.1

98 41.0 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 42.687 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

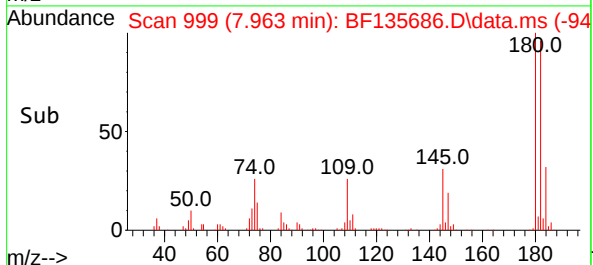
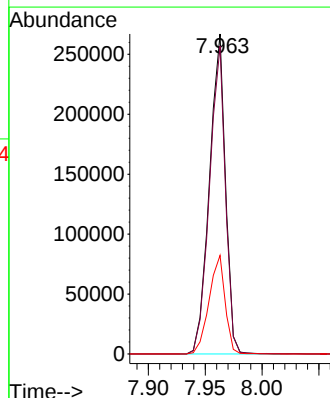
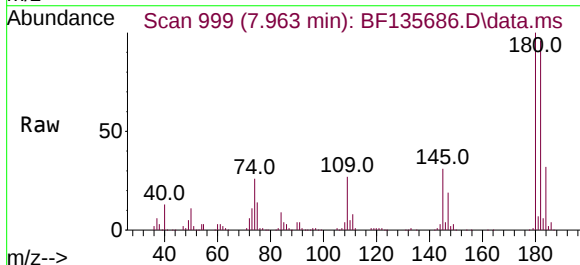
Tgt Ion:180 Resp: 261445

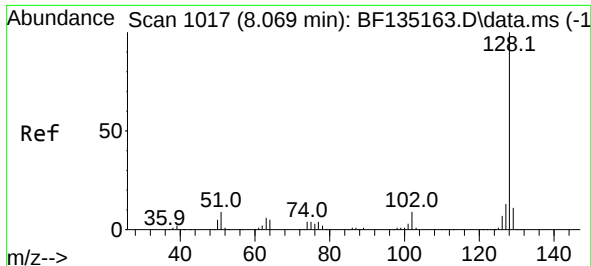
Ion Ratio Lower Upper

180 100

182 96.2 76.9 115.3

145 30.8 24.5 36.7

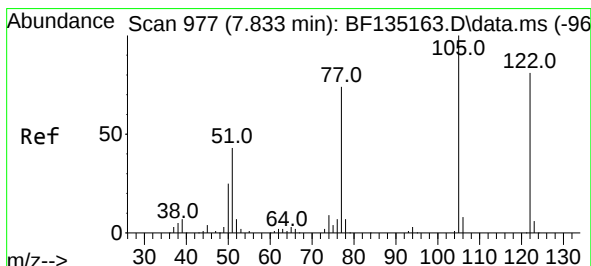
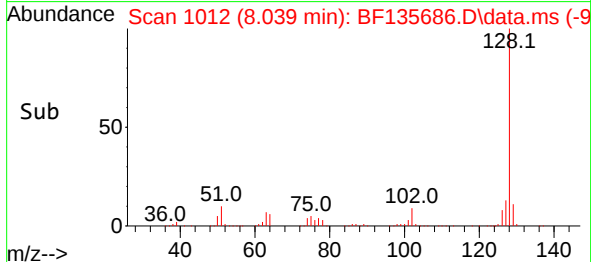
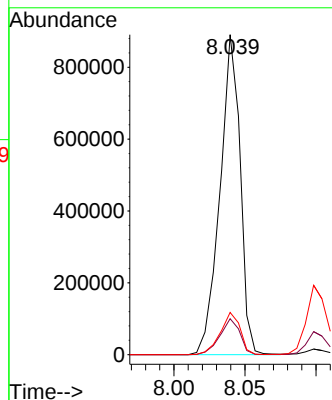
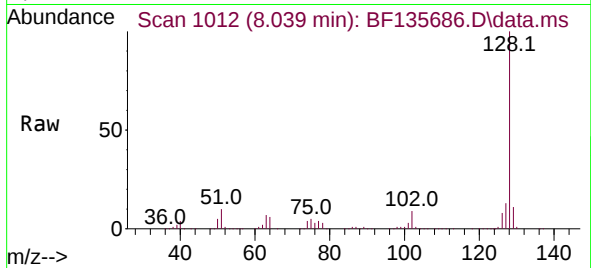




#31
Naphthalene
Concen: 42.015 ng
RT: 8.039 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

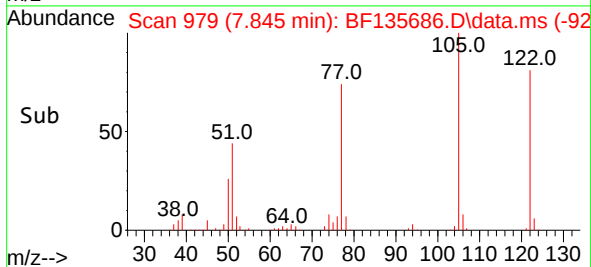
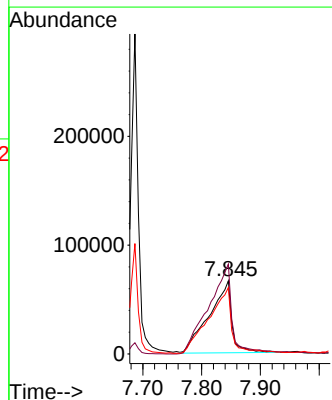
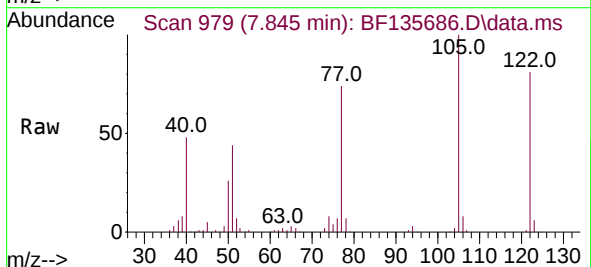
Instrument :
BNA_F
ClientSampleId :
PB155781BS

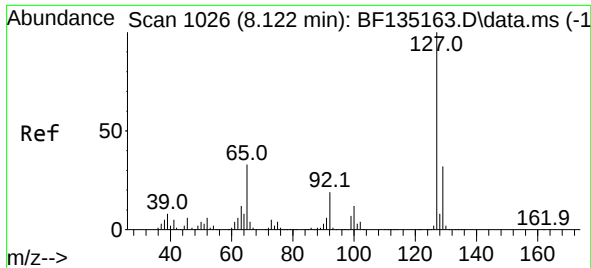
Tgt Ion:128 Resp: 879571
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 37.475 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:122 Resp: 178449
Ion Ratio Lower Upper
122 100
105 122.8 99.9 139.9
77 90.9 70.0 110.0

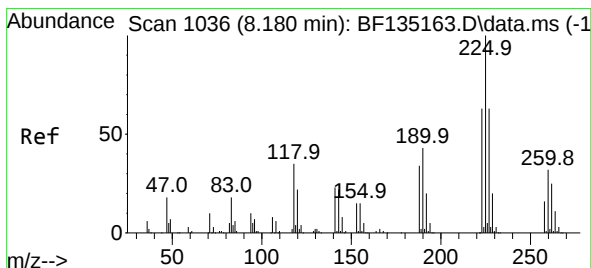
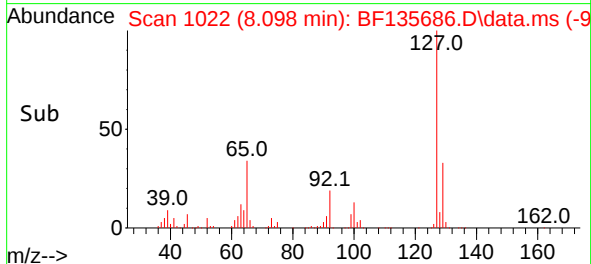
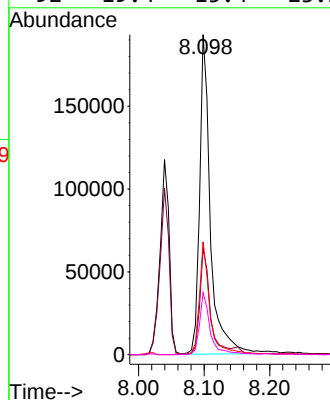
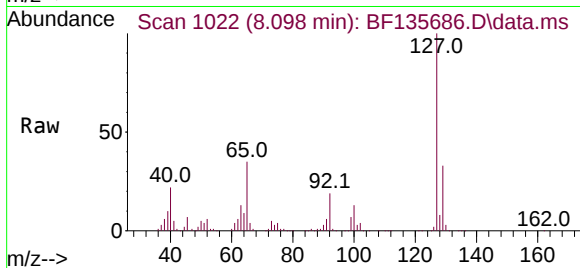




#33
4-Chloroaniline
Concen: 24.302 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

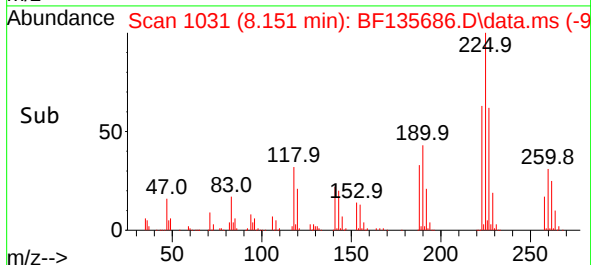
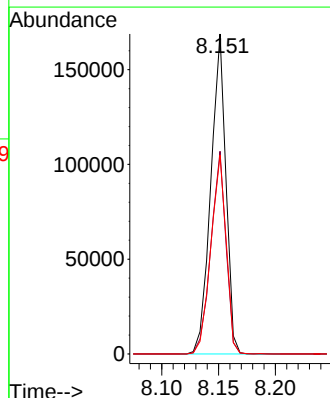
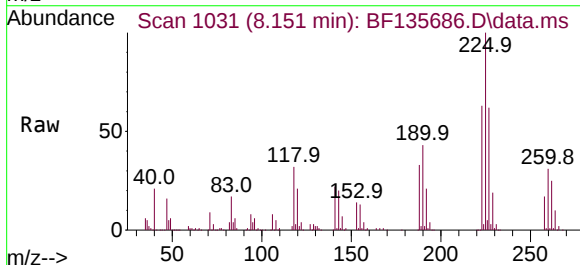
Instrument :
BNA_F
ClientSampleId :
PB155781BS

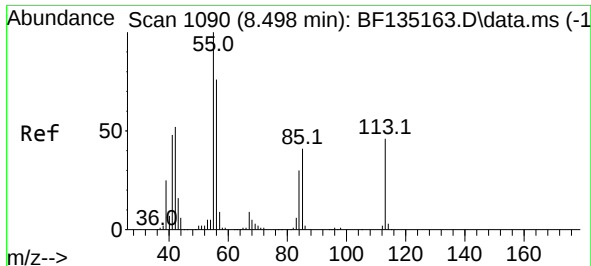
Tgt Ion:	127	Resp:	223211
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.8
65	35.3	26.6	39.8
92	19.4	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.028 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:	225	Resp:	155213
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	75.8
227	62.1	50.8	76.2

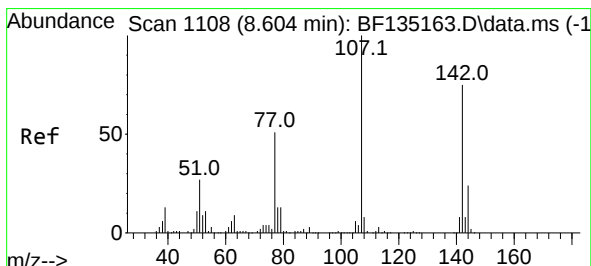
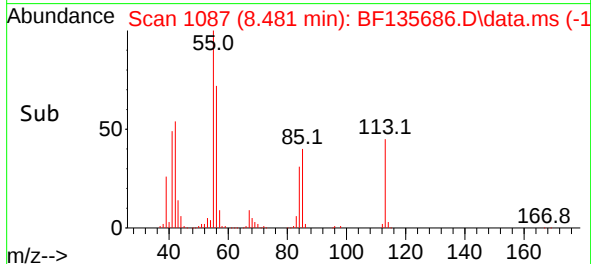
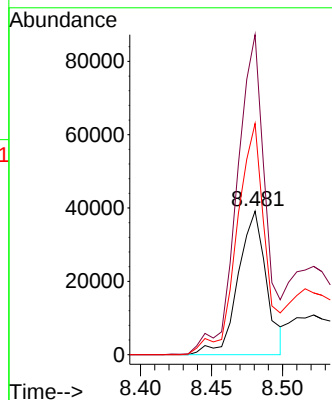
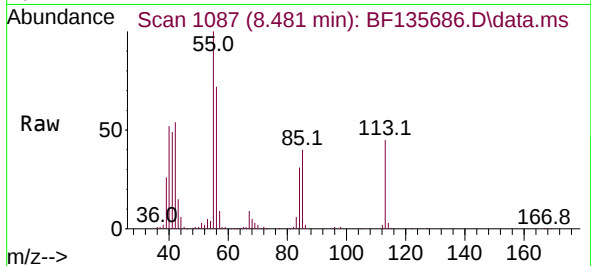




#35
 Caprolactam
 Concen: 27.513 ng
 RT: 8.481 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF135686.D
 Acq: 10 Oct 2023 15:53

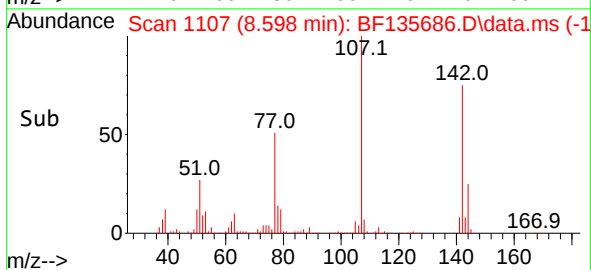
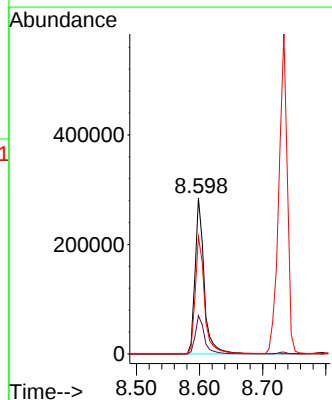
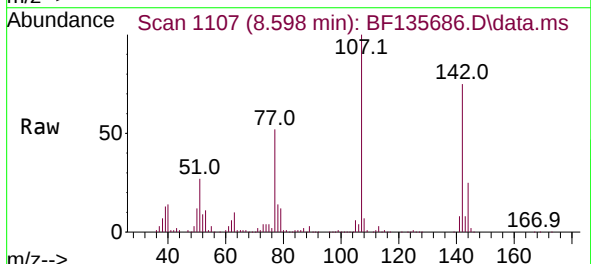
Instrument :
 BNA_F
 ClientSampleId :
 PB155781BS

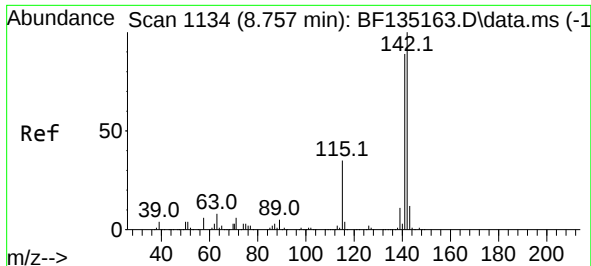
Tgt Ion:113 Resp: 54108
 Ion Ratio Lower Upper
 113 100
 55 223.0 199.3 239.3
 56 161.1 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.723 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF135686.D
 Acq: 10 Oct 2023 15:53

Tgt Ion:107 Resp: 284753
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.0 28.4
 142 75.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 39.005 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

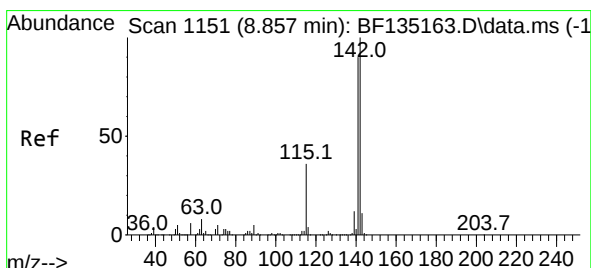
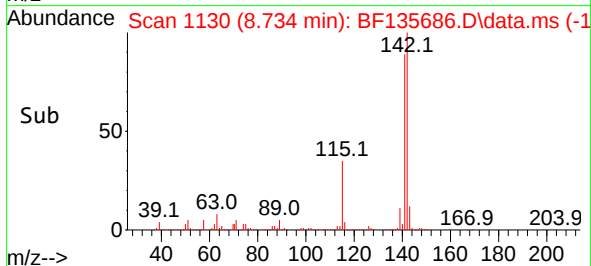
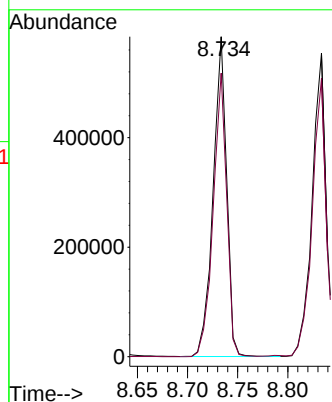
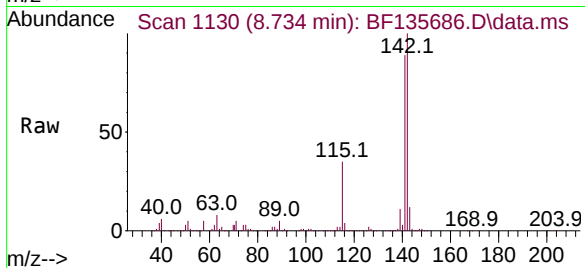
PB155781BS

Tgt Ion:142 Resp: 548896

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.810 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135686.D

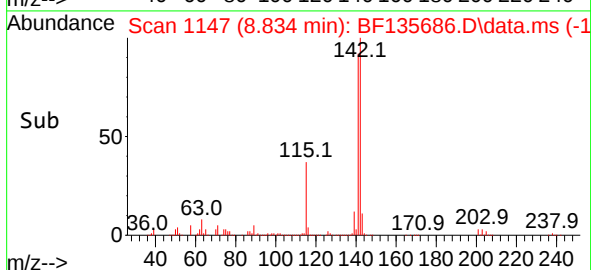
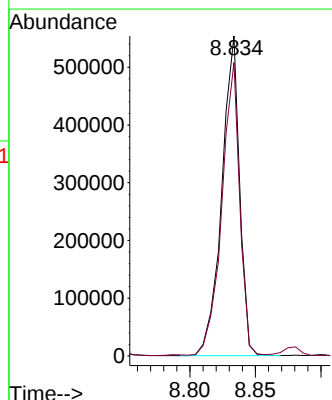
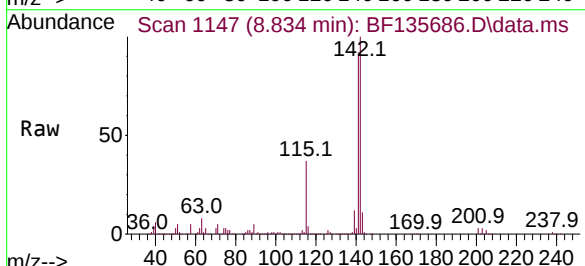
Acq: 10 Oct 2023 15:53

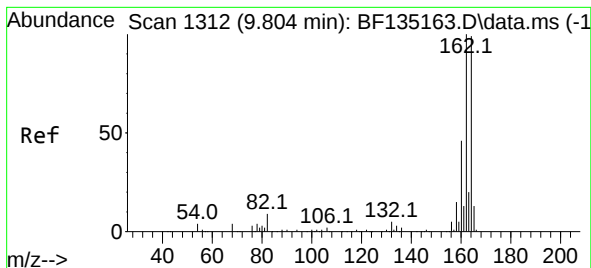
Tgt Ion:142 Resp: 524503

Ion Ratio Lower Upper

142 100

141 91.7 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

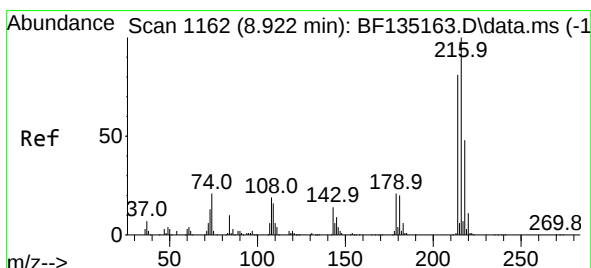
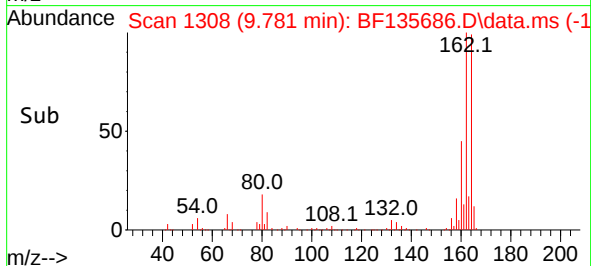
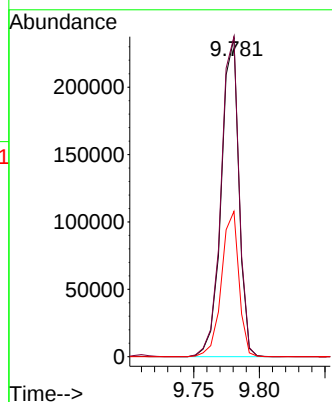
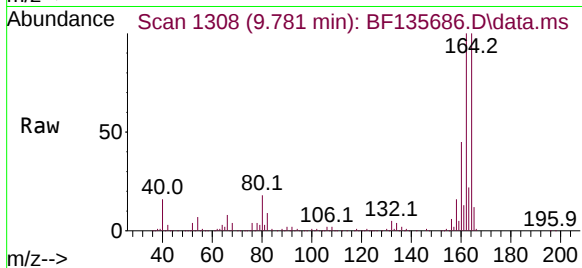
Tgt Ion:164 Resp: 220435

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

160 45.5 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.581 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Tgt Ion:216 Resp: 265545

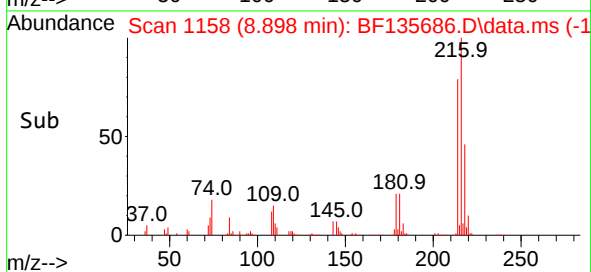
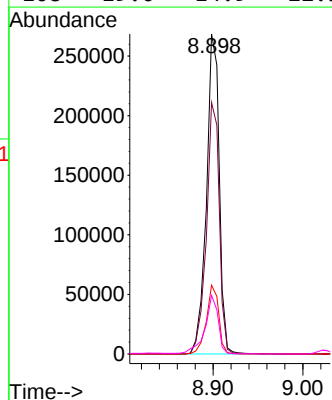
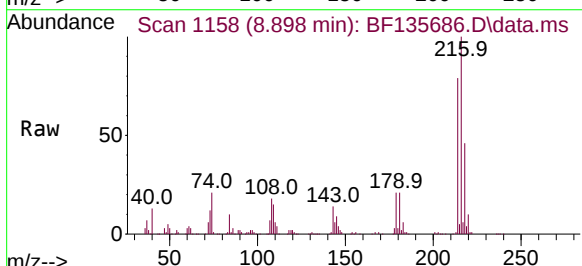
Ion Ratio Lower Upper

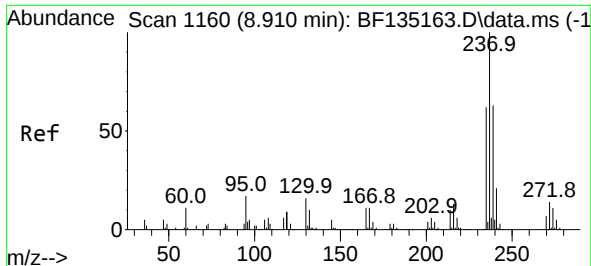
216 100

214 79.3 63.7 95.5

179 20.7 16.7 25.1

108 19.0 14.9 22.3

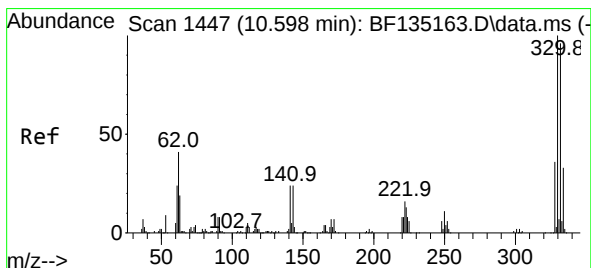
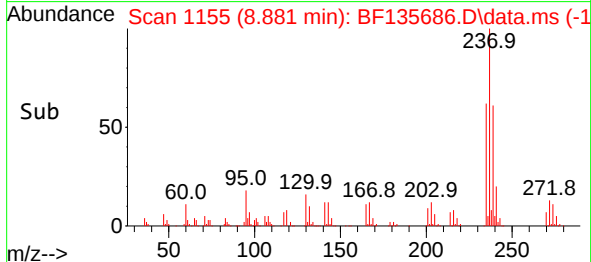
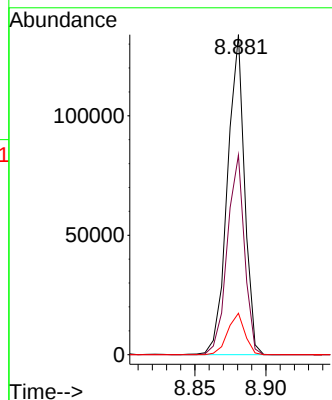
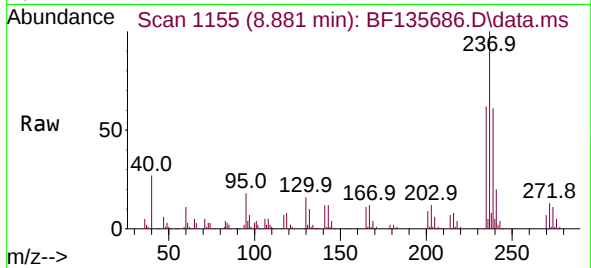




#41
Hexachlorocyclopentadiene
Concen: 43.617 ng
RT: 8.881 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

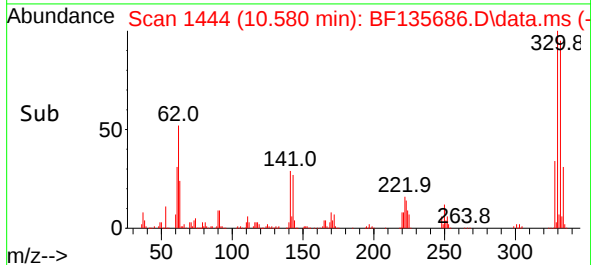
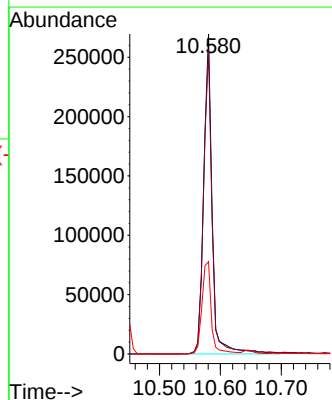
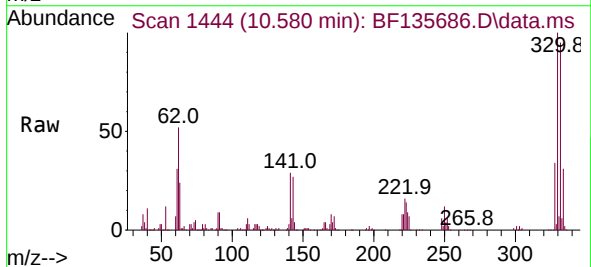
Instrument :
BNA_F
ClientSampleId :
PB155781BS

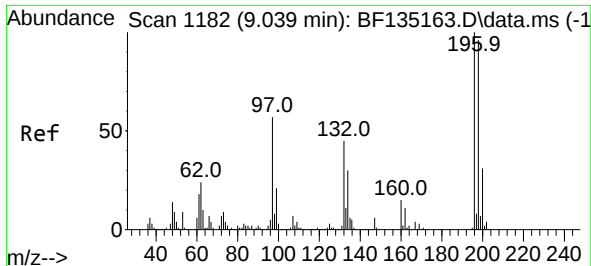
Tgt Ion:237 Resp: 112325
Ion Ratio Lower Upper
237 100
235 62.4 41.8 81.8
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 118.268 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:330 Resp: 259077
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 32.0 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 40.894 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

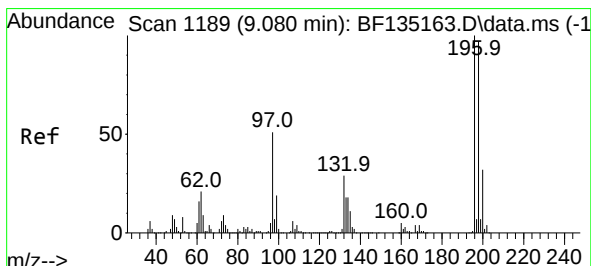
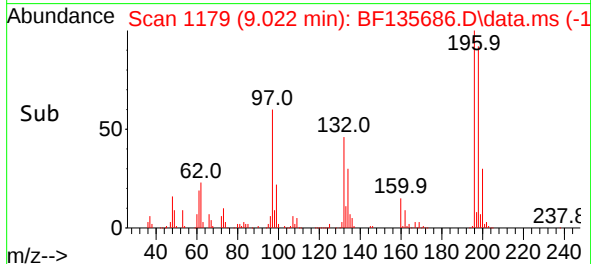
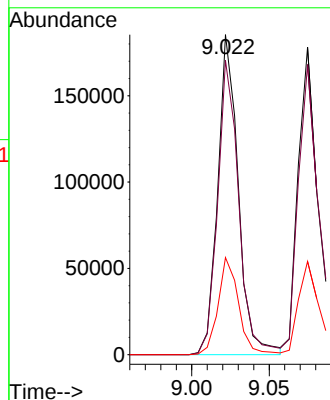
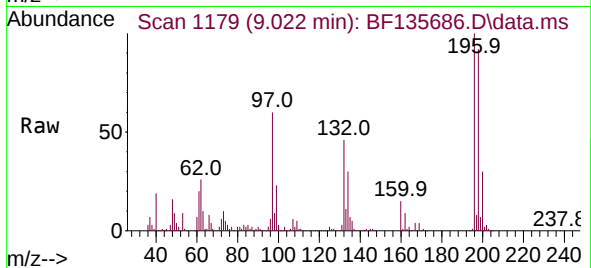
Tgt Ion:196 Resp: 170991

Ion Ratio Lower Upper

196 100

198 92.0 77.0 115.6

200 30.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 37.943 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Tgt Ion:196 Resp: 182706

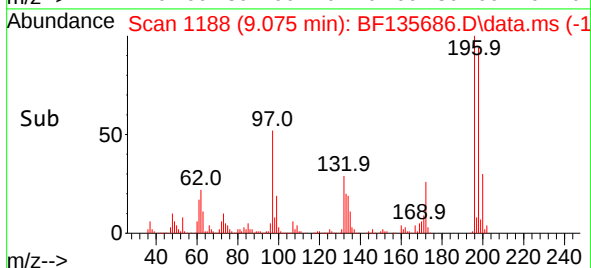
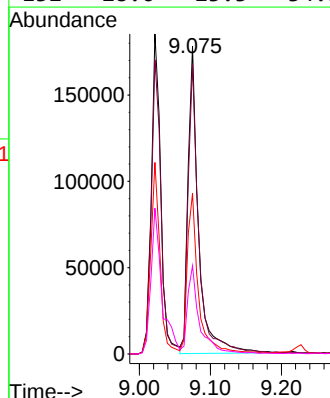
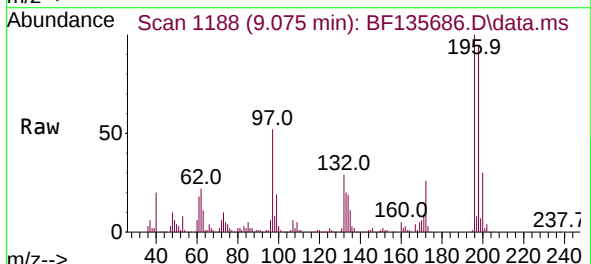
Ion Ratio Lower Upper

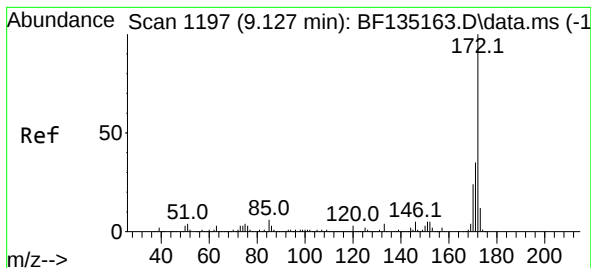
196 100

198 94.3 77.5 116.3

97 52.2 40.5 60.7

132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 76.910 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

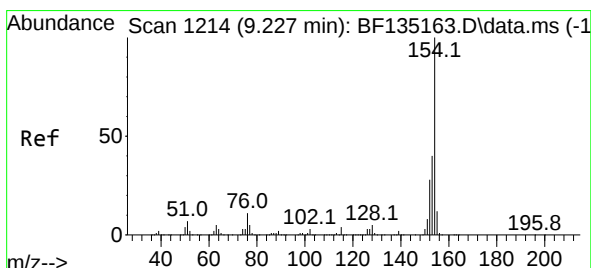
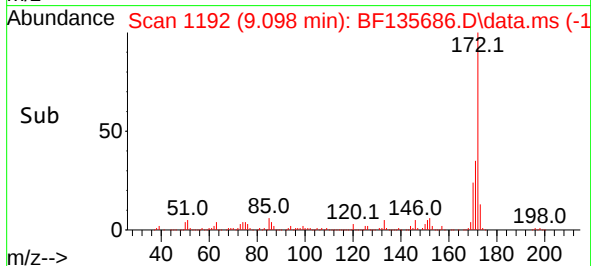
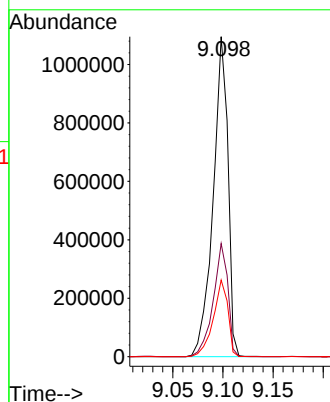
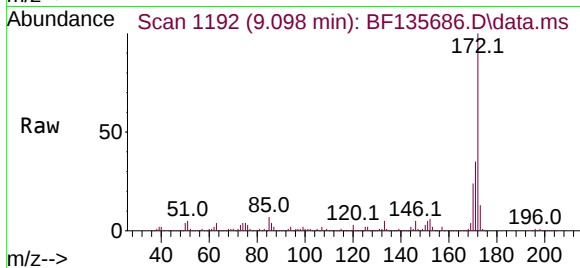
Tgt Ion:172 Resp: 1123711

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.154 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

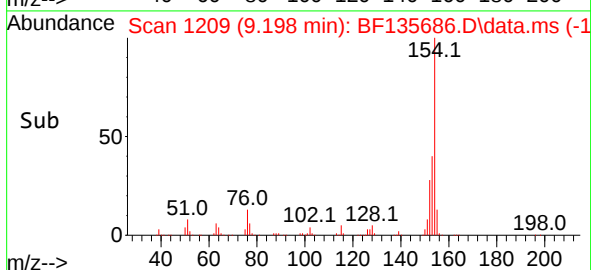
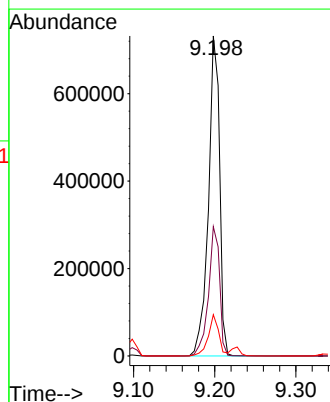
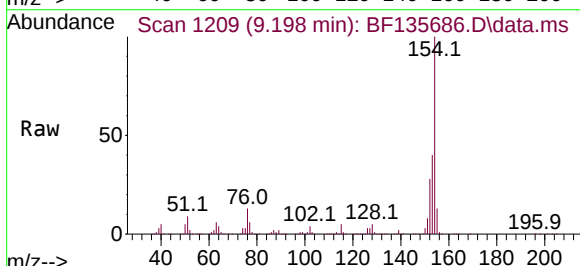
Tgt Ion:154 Resp: 697152

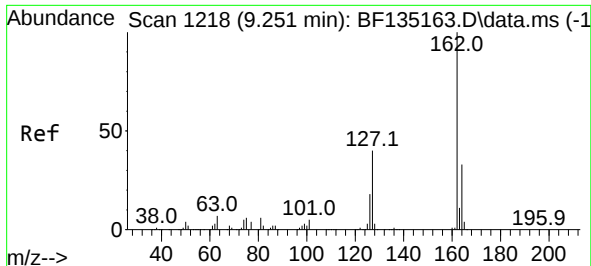
Ion Ratio Lower Upper

154 100

153 40.4 19.6 59.6

76 12.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 42.823 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

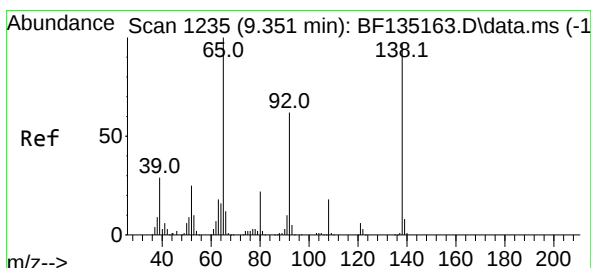
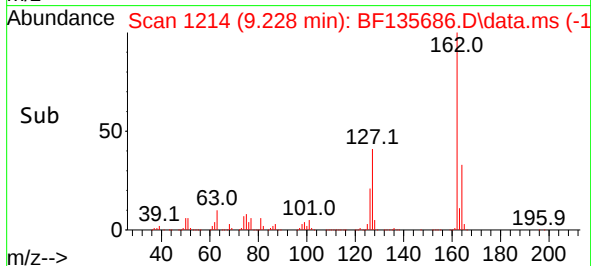
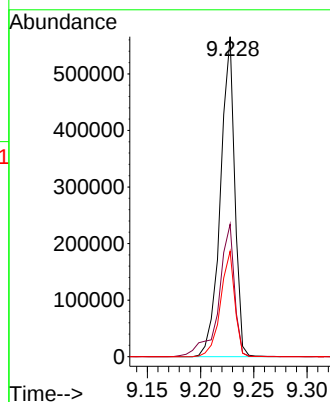
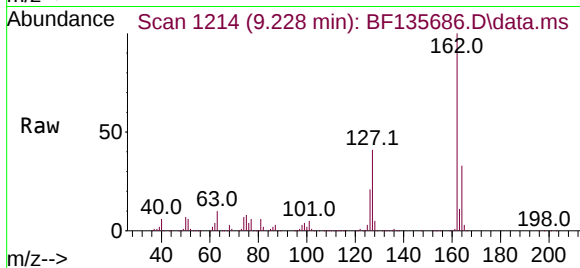
Tgt Ion:162 Resp: 526338

Ion Ratio Lower Upper

162 100

127 41.4 32.6 48.8

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 43.044 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

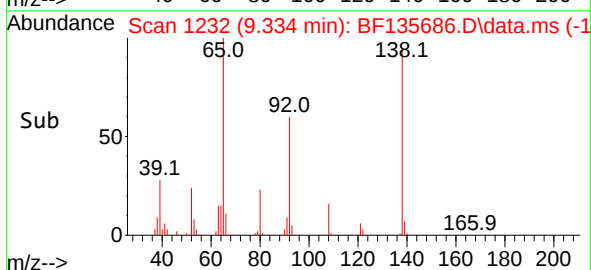
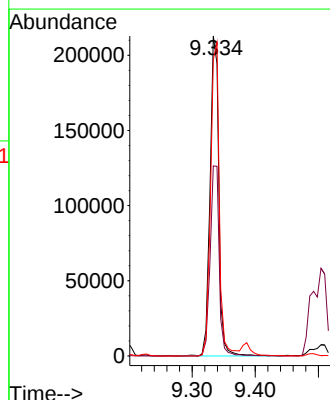
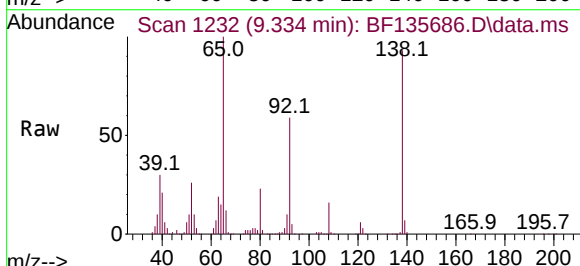
Tgt Ion: 65 Resp: 205536

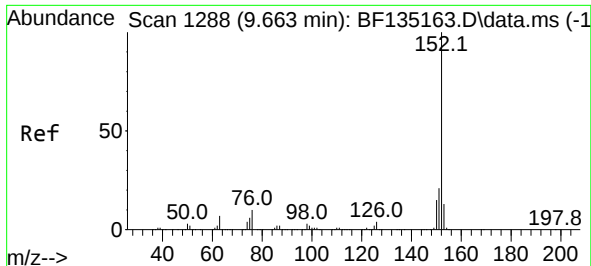
Ion Ratio Lower Upper

65 100

92 59.4 49.4 74.0

138 92.7 77.4 116.0

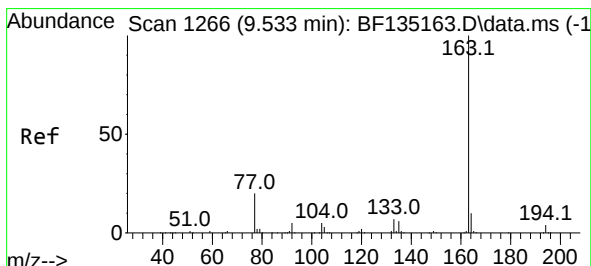
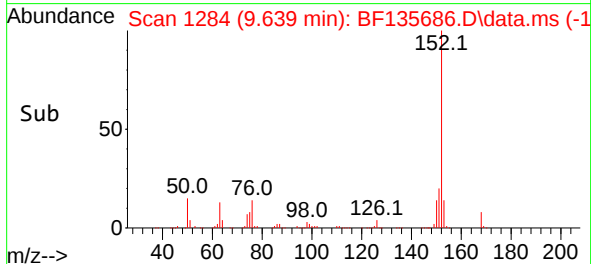
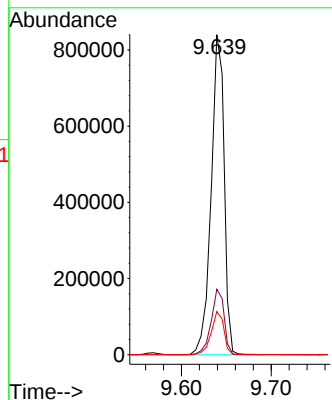
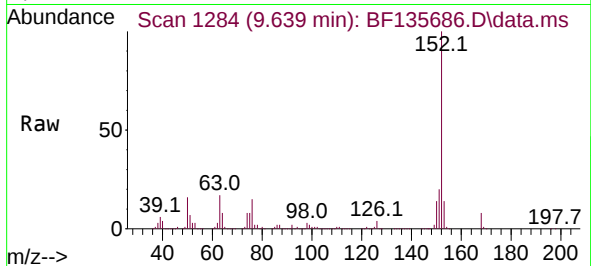




#49
Acenaphthylene
Concen: 41.364 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

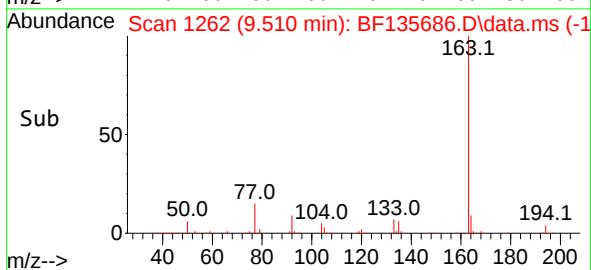
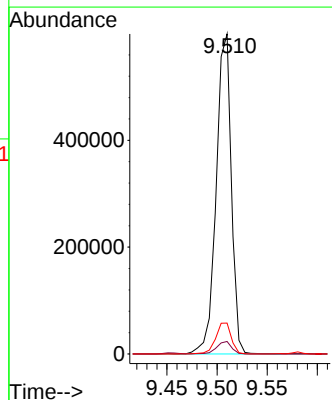
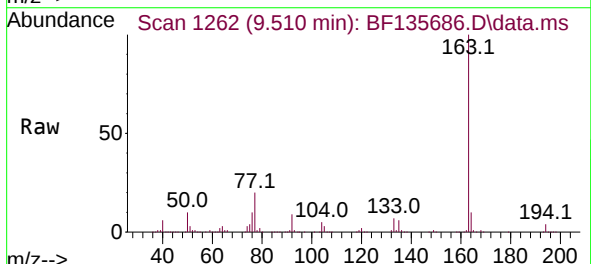
Instrument :
BNA_F
ClientSampleId :
PB155781BS

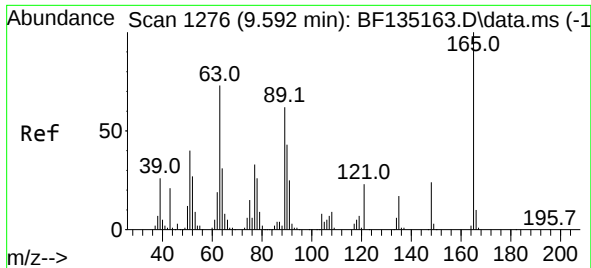
Tgt Ion:152 Resp: 844943
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.5 10.4 15.6



#50
Dimethylphthalate
Concen: 42.061 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:163 Resp: 626858
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.7 8.1 12.1

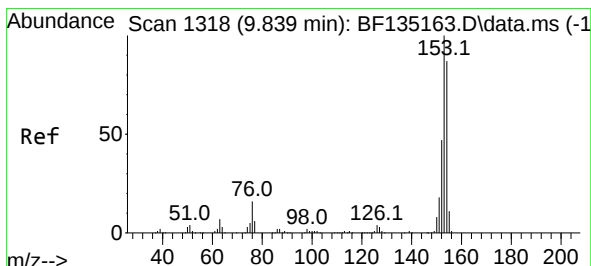
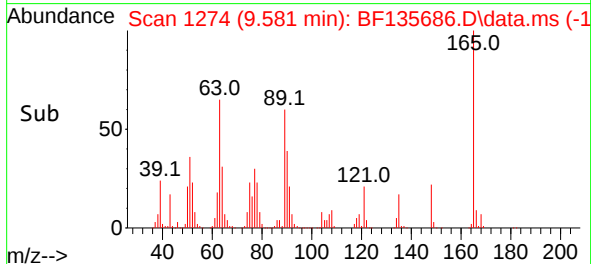
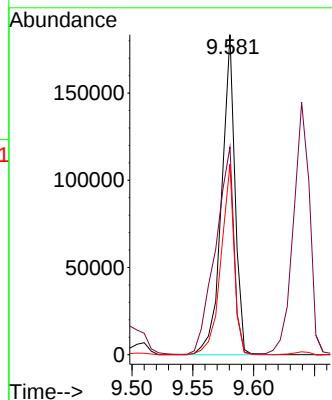
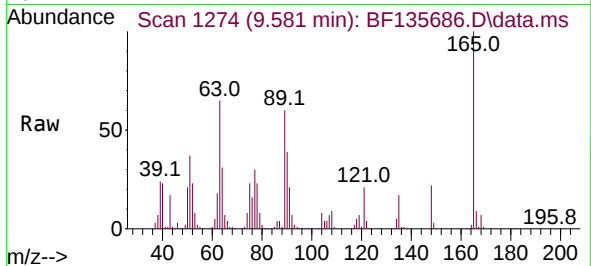




#51
2,6-Dinitrotoluene
Concen: 43.181 ng
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

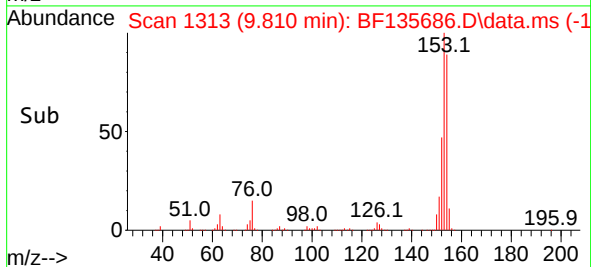
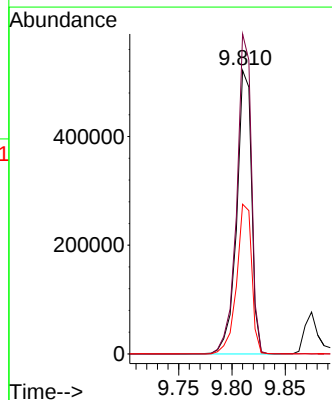
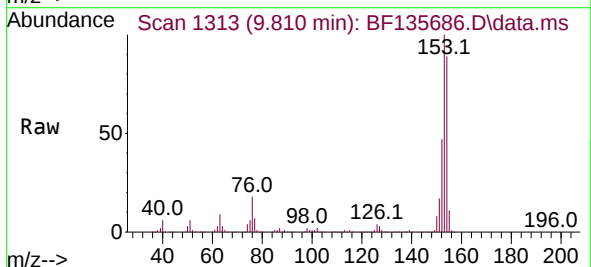
Instrument :
BNA_F
ClientSampleId :
PB155781BS

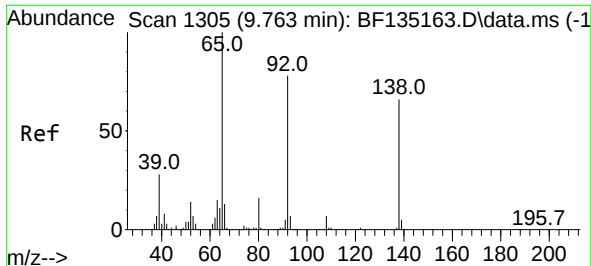
Tgt Ion:165 Resp: 140982
Ion Ratio Lower Upper
165 100
63 64.9 59.4 89.2
89 59.5 49.8 74.8



#52
Acenaphthene
Concen: 42.098 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:154 Resp: 508002
Ion Ratio Lower Upper
154 100
153 112.8 92.1 138.1
152 52.8 43.1 64.7

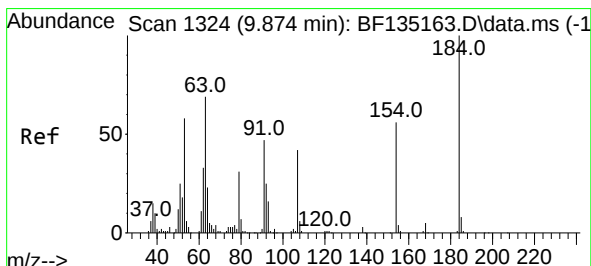
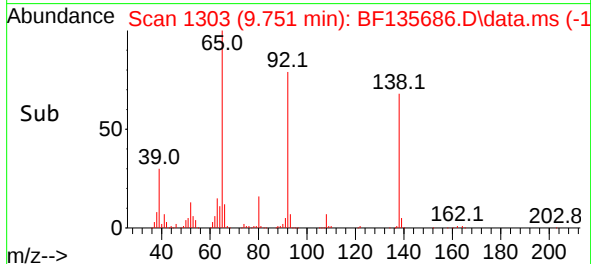
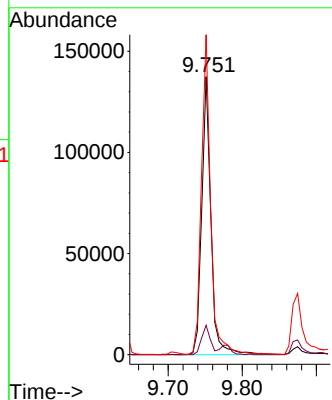
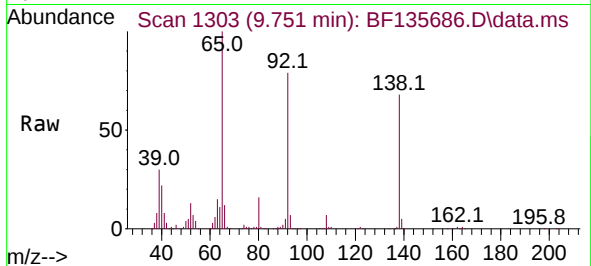




#53
3-Nitroaniline
Concen: 30.766 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

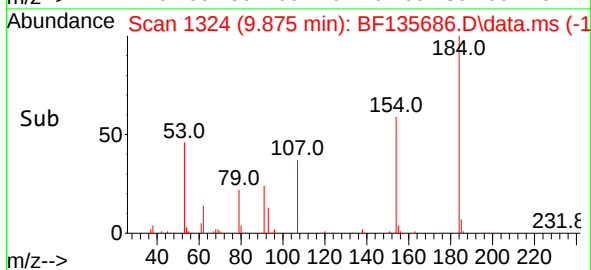
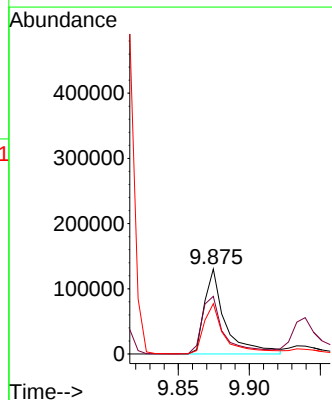
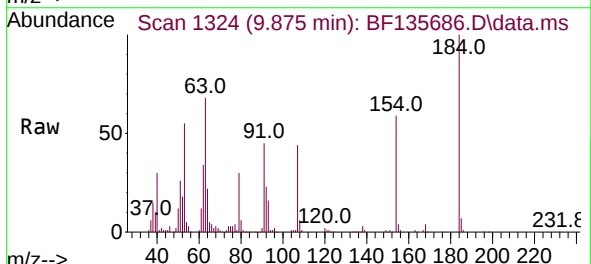
Instrument :
BNA_F
ClientSampleId :
PB155781BS

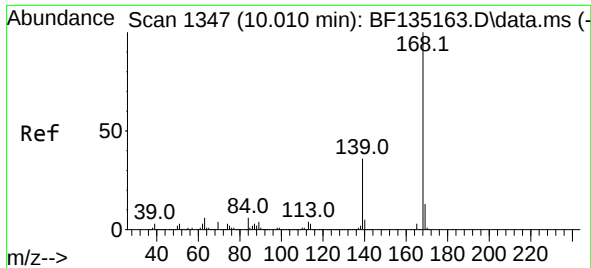
Tgt Ion:138 Resp: 117910
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 115.1 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 72.693 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:184 Resp: 133586
Ion Ratio Lower Upper
184 100
63 67.9 55.1 82.7
154 59.2 48.4 72.6

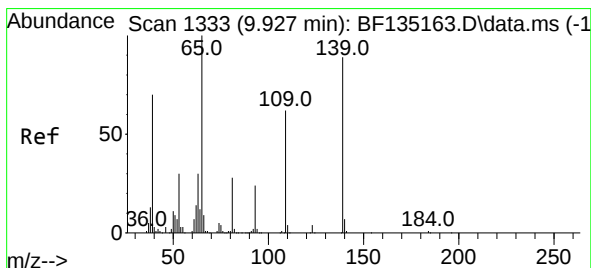
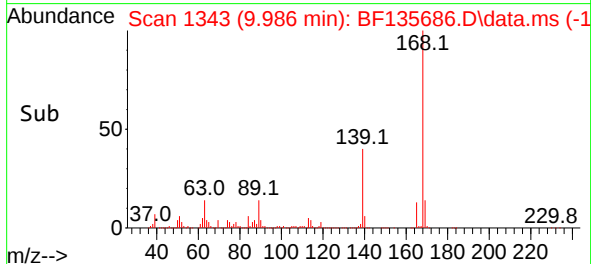
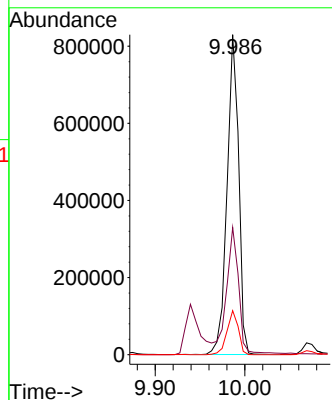
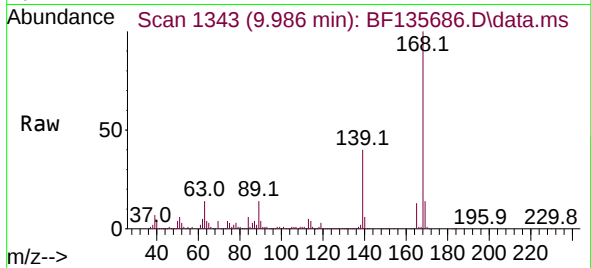




#55
Dibenzenofuran
Concen: 40.443 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

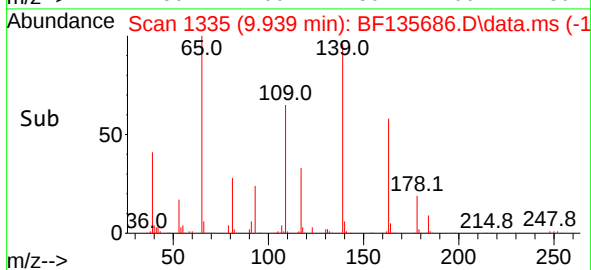
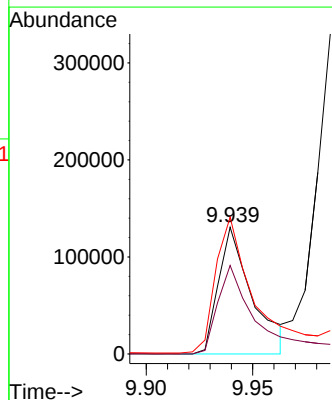
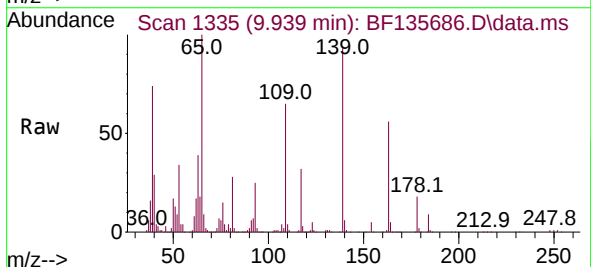
Instrument :
BNA_F
ClientSampleId :
PB155781BS

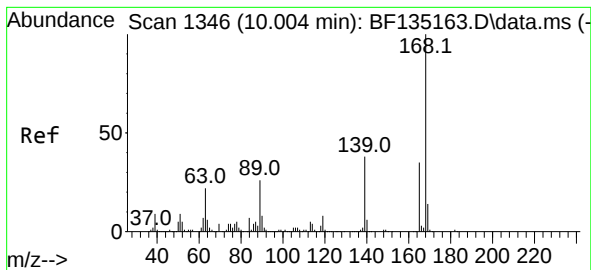
Tgt Ion:168 Resp: 744722
Ion Ratio Lower Upper
168 100
139 39.7 29.0 43.6
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 58.799 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:139 Resp: 143217
Ion Ratio Lower Upper
139 100
109 69.8 49.8 89.8
65 107.9 92.7 132.7

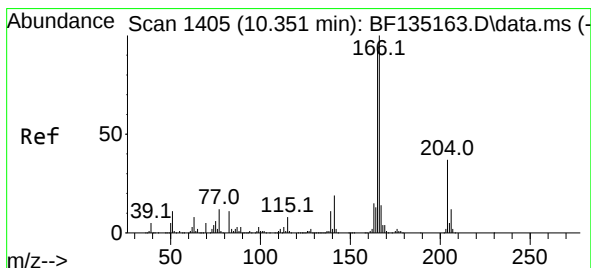
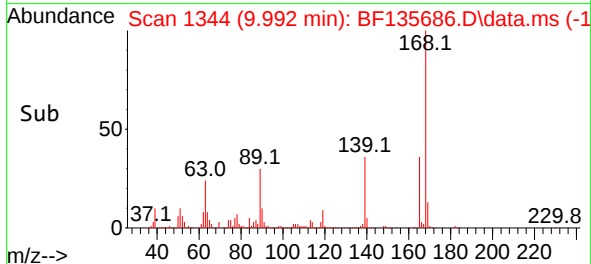
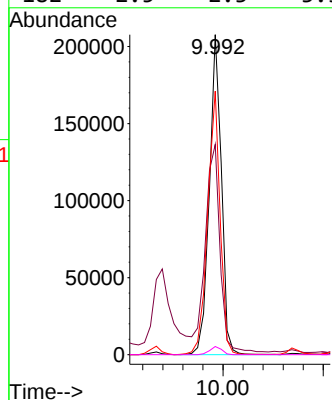
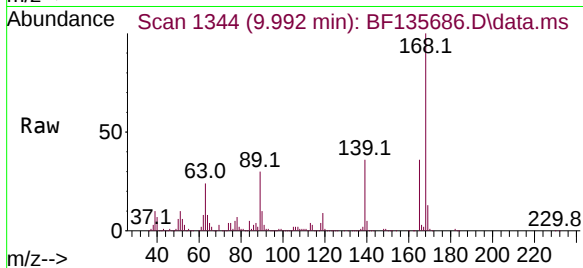




#57
2,4-Dinitrotoluene
Concen: 42.560 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

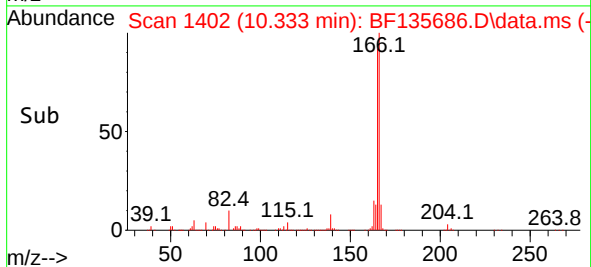
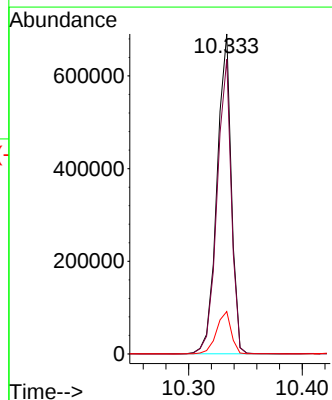
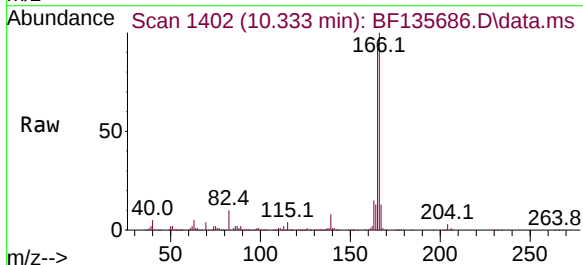
Instrument :
BNA_F
ClientSampleId :
PB155781BS

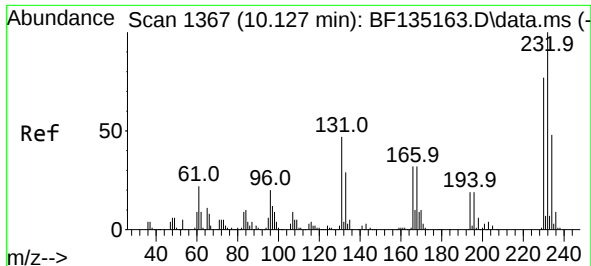
Tgt Ion:165 Resp: 173959
Ion Ratio Lower Upper
165 100
63 65.7 50.1 75.1
89 82.4 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 42.635 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:166 Resp: 603541
Ion Ratio Lower Upper
166 100
165 92.0 74.3 111.5
167 13.3 10.9 16.3

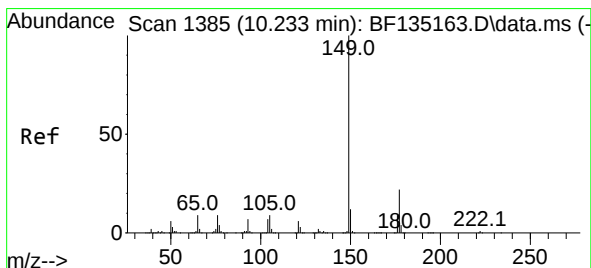
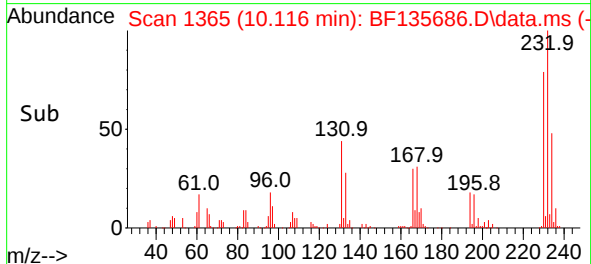
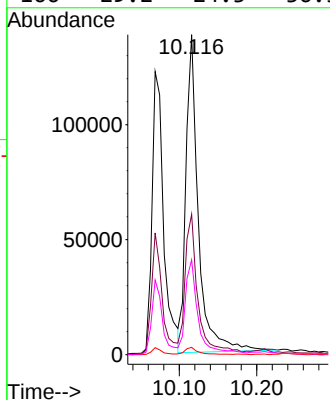
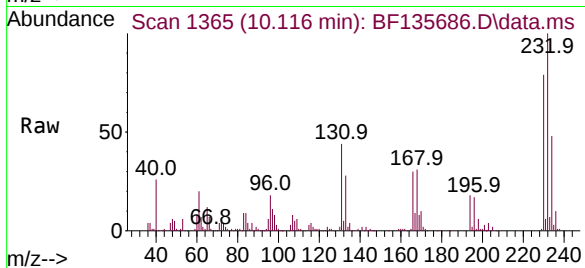




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.499 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

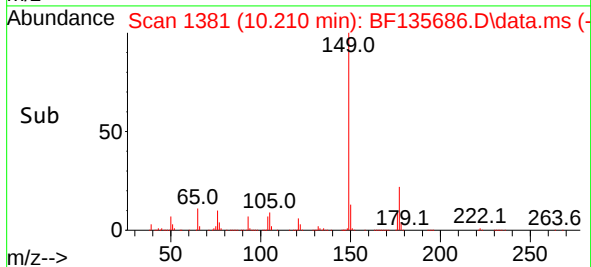
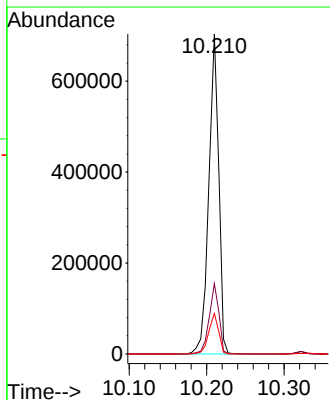
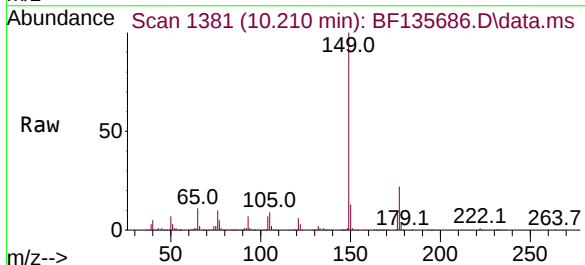
Instrument :
BNA_F
ClientSampleId :
PB155781BS

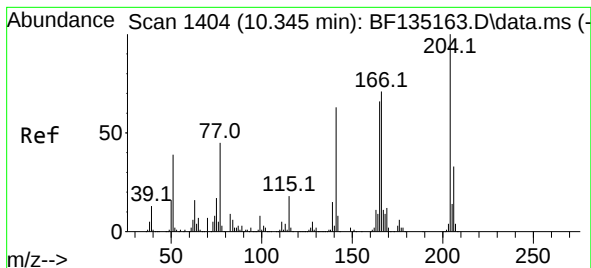
Tgt Ion:232 Resp: 153717
Ion Ratio Lower Upper
232 100
131 43.0 35.4 53.2
130 2.2 1.8 2.8
166 29.2 24.3 36.5



#60
Diethylphthalate
Concen: 41.787 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:149 Resp: 625020
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.6
150 12.6 10.0 15.0

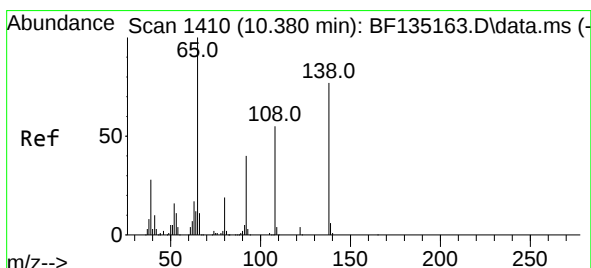
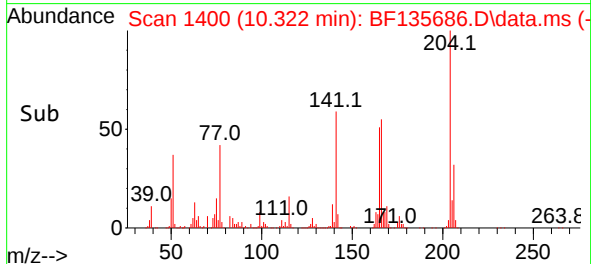
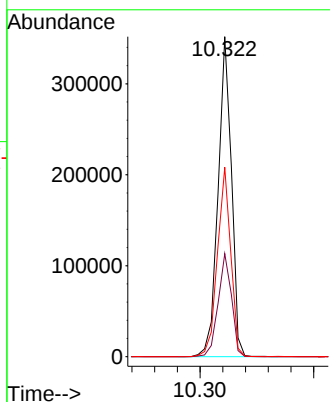
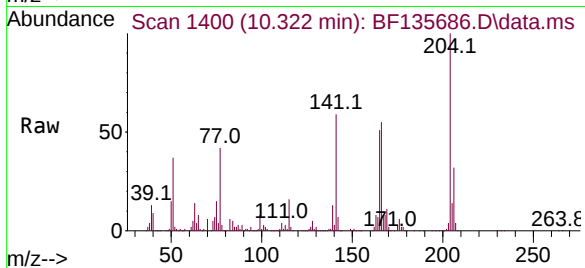




#61
4-Chlorophenyl-phenylether
Concen: 42.251 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

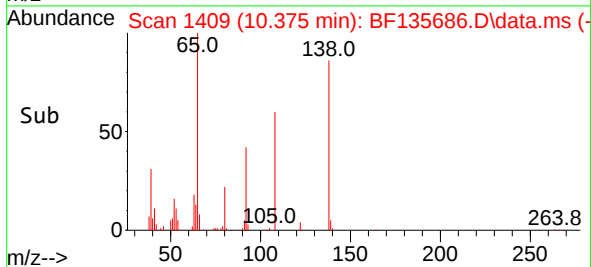
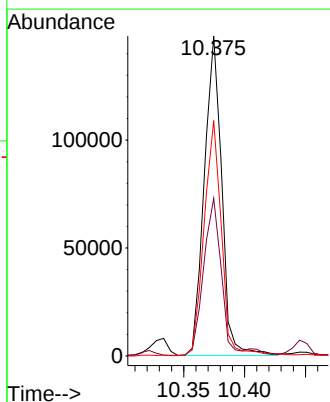
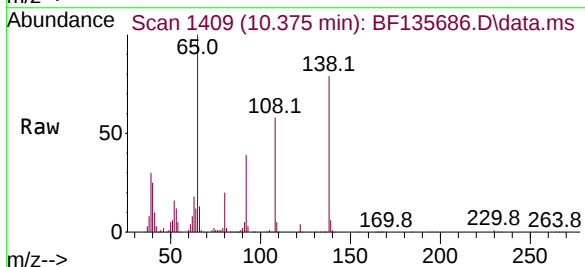
Instrument :
BNA_F
ClientSampleId :
PB155781BS

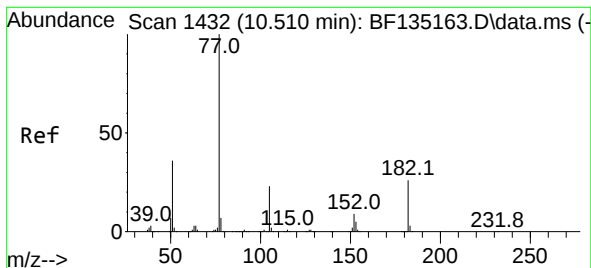
Tgt Ion:204 Resp: 287312
Ion Ratio Lower Upper
204 100
206 32.2 26.7 40.1
141 59.2 50.6 75.8



#62
4-Nitroaniline
Concen: 39.864 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:138 Resp: 146855
Ion Ratio Lower Upper
138 100
92 49.3 31.8 71.8
108 73.5 52.0 92.0





#63

Azobenzene

Concen: 42.305 ng

RT: 10.486 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

Tgt Ion: 77 Resp: 619280

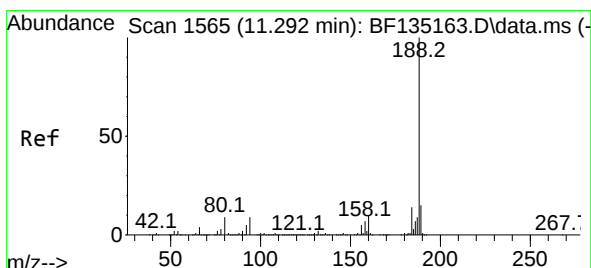
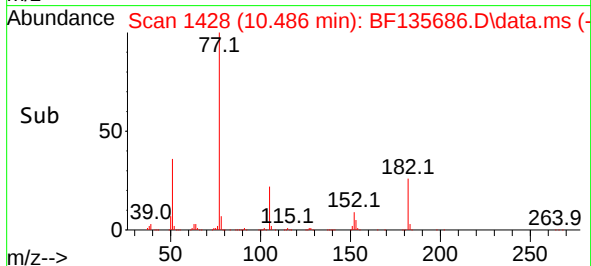
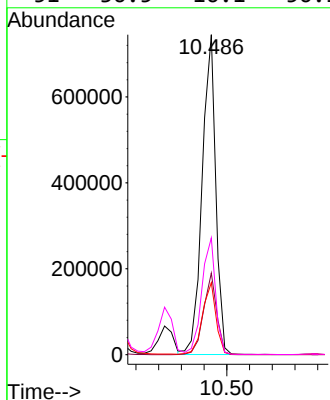
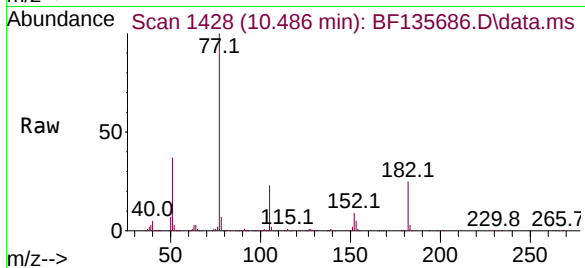
Ion Ratio Lower Upper

77 100

182 25.5 6.4 46.4

105 22.5 3.1 43.1

51 36.5 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

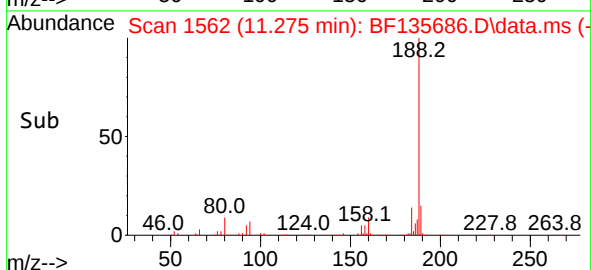
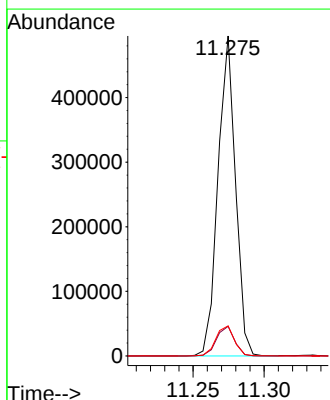
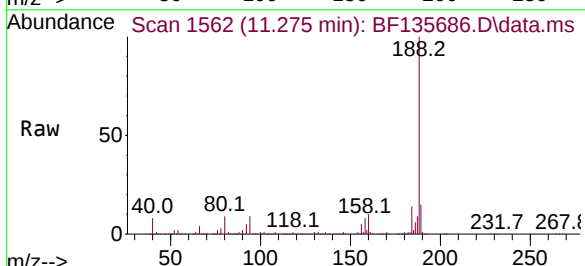
Tgt Ion: 188 Resp: 423668

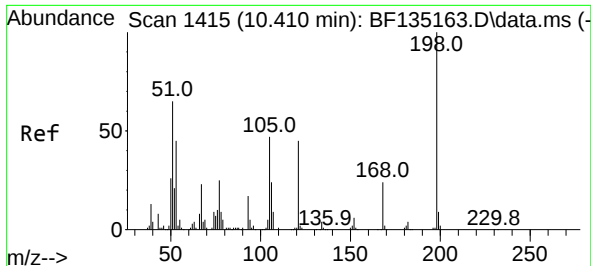
Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 9.4 7.5 11.3

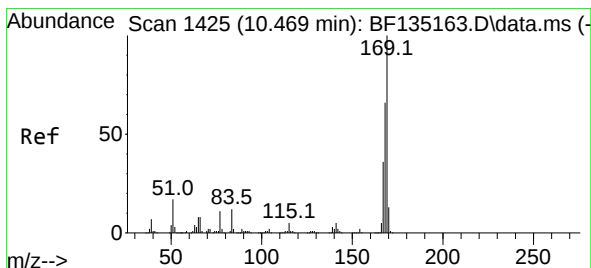
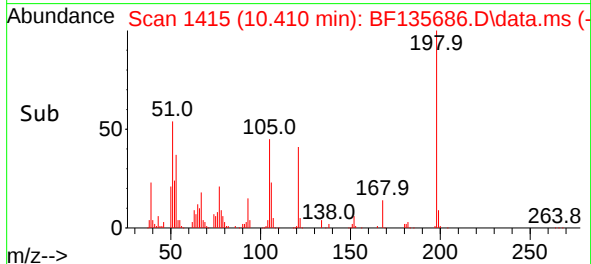
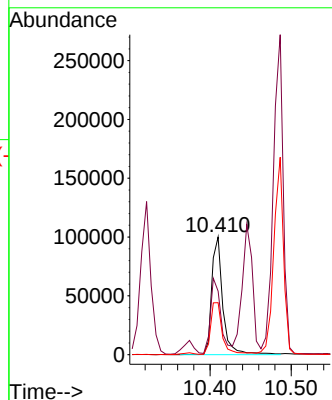
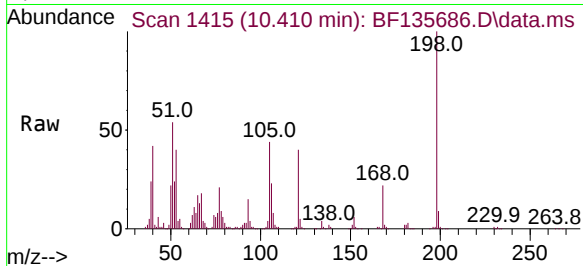




#65
4,6-Dinitro-2-methylphenol
Concen: 42.203 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

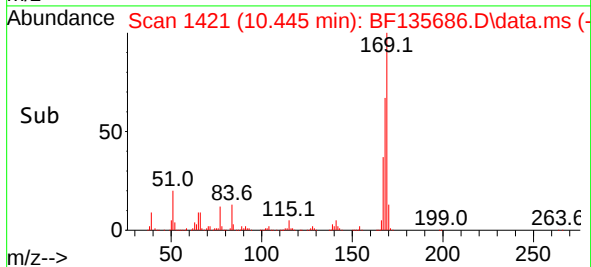
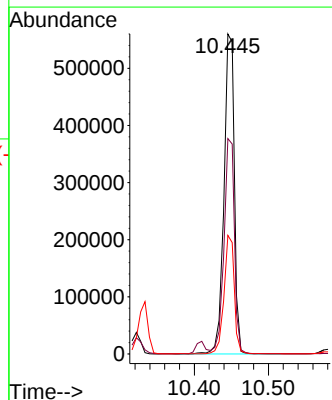
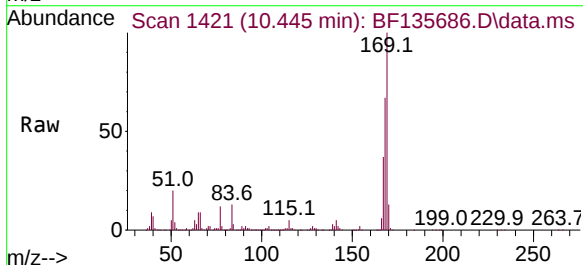
Instrument :
BNA_F
ClientSampleId :
PB155781BS

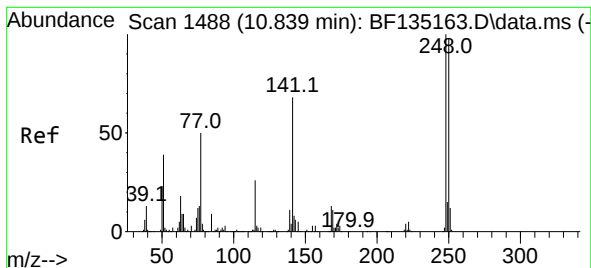
Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.9	47.7	87.7
105	44.2	27.4	67.4



#66
n-Nitrosodiphenylamine
Concen: 42.586 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	52.8	79.2
167	37.1	29.0	43.6

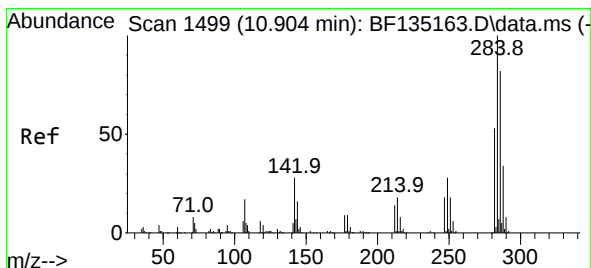
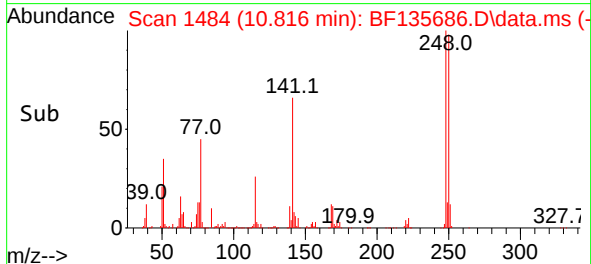
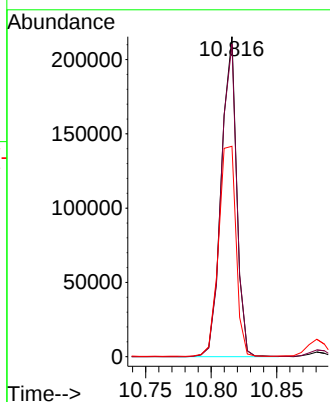
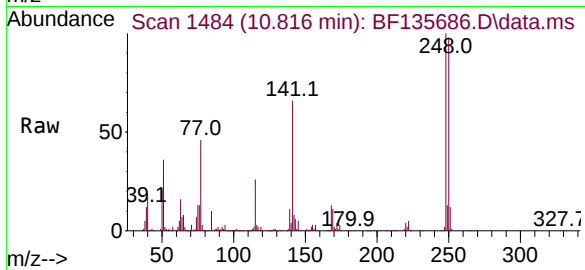




#67
4-Bromophenyl-phenylether
Concen: 41.491 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

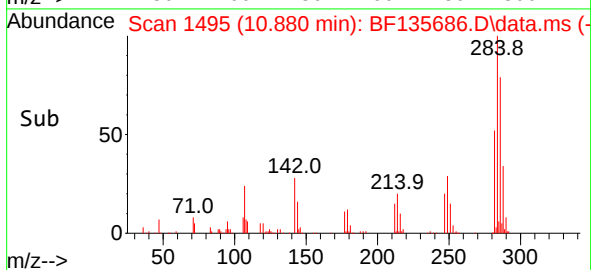
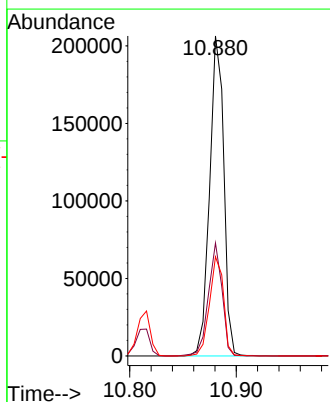
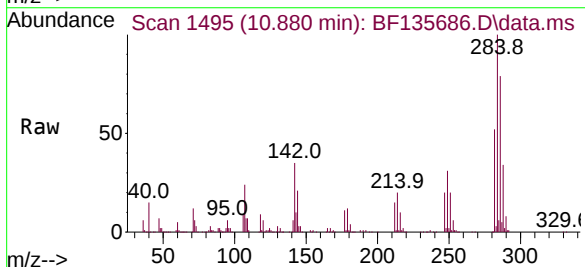
Instrument :
BNA_F
ClientSampleId :
PB155781BS

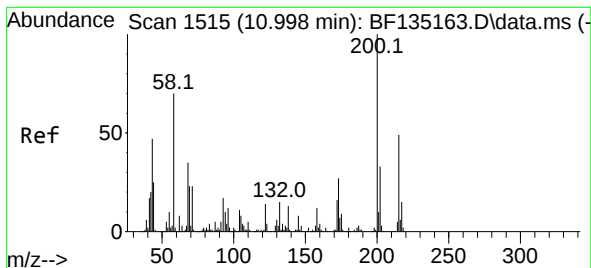
Tgt Ion:248 Resp: 174829
Ion Ratio Lower Upper
248 100
250 97.7 78.6 117.8
141 65.7 54.2 81.2



#68
Hexachlorobenzene
Concen: 44.380 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:284 Resp: 190512
Ion Ratio Lower Upper
284 100
142 35.3 22.2 33.4#
249 31.0 22.5 33.7





#69

Atrazine

Concen: 47.546 ng

RT: 10.980 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

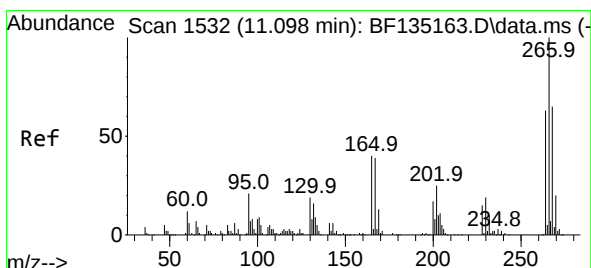
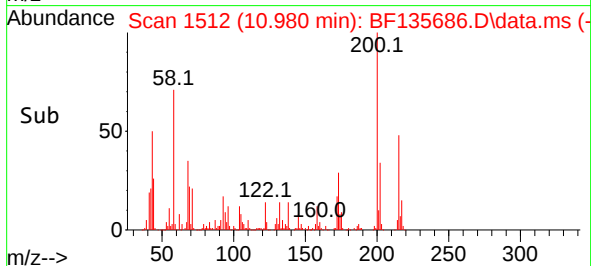
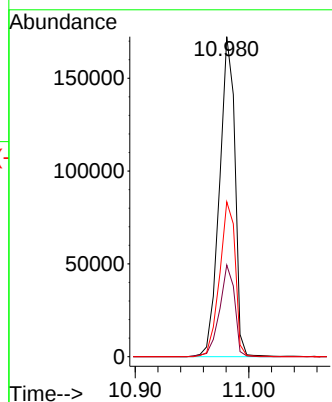
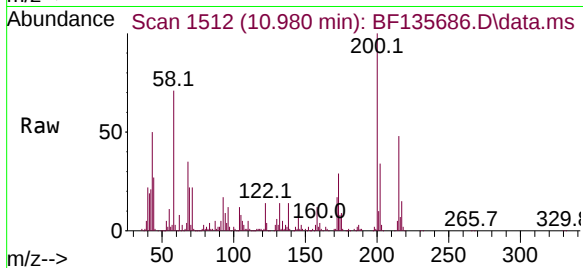
Tgt Ion:200 Resp: 164091

Ion Ratio Lower Upper

200 100

173 28.7 7.4 47.4

215 48.4 28.6 68.6



#70

Pentachlorophenol

Concen: 50.179 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

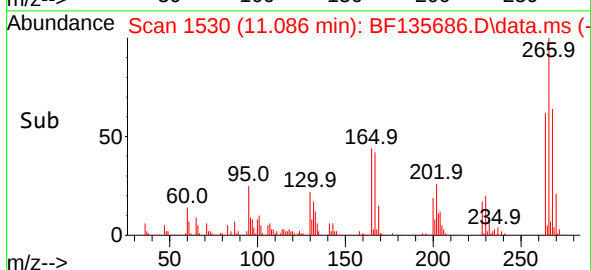
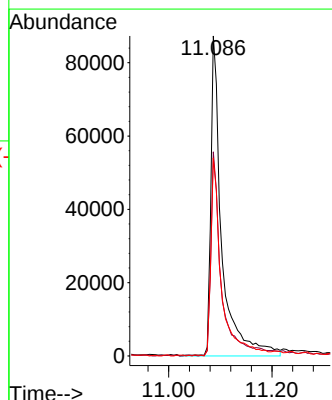
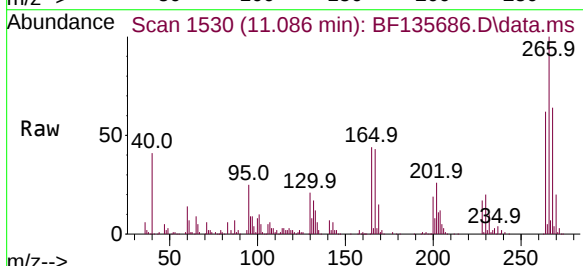
Tgt Ion:266 Resp: 128879

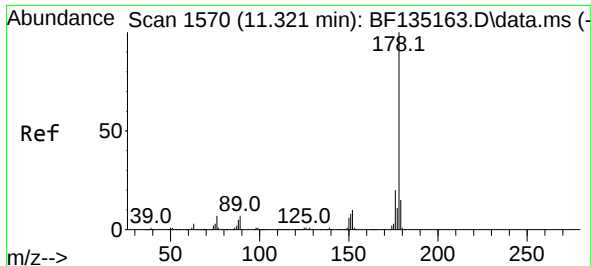
Ion Ratio Lower Upper

266 100

268 63.8 52.1 78.1

264 61.9 50.8 76.2

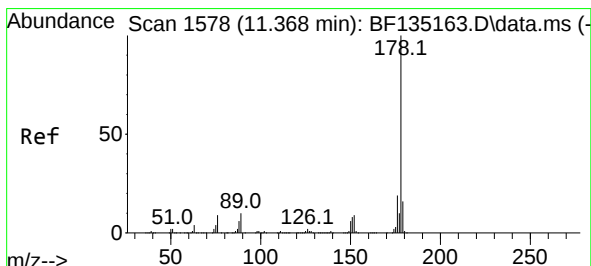
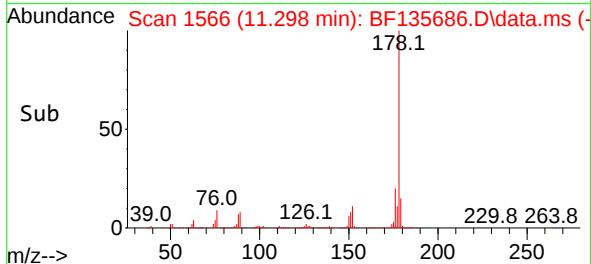
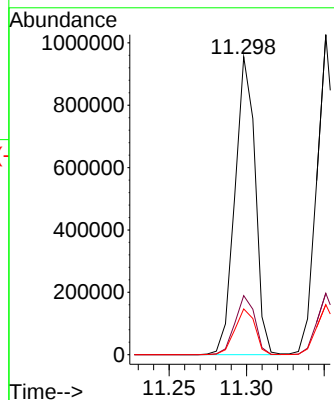
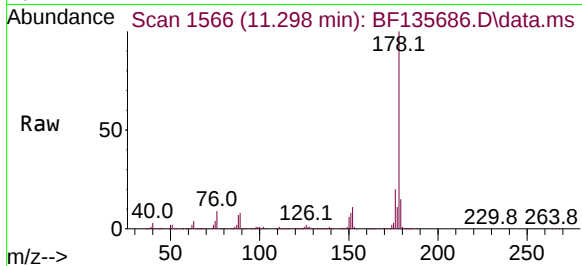




#71
Phenanthrene
Concen: 43.359 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

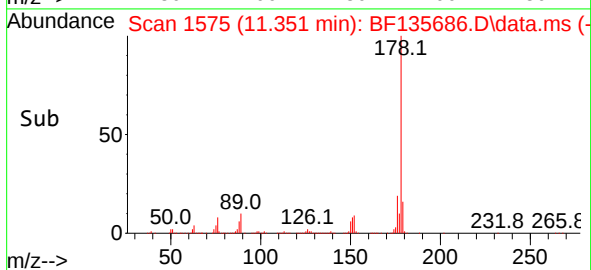
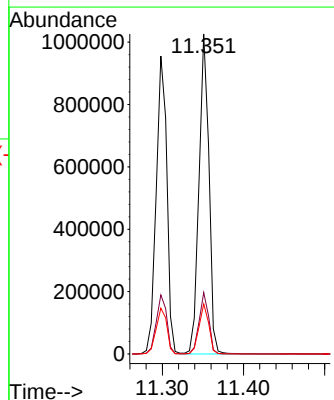
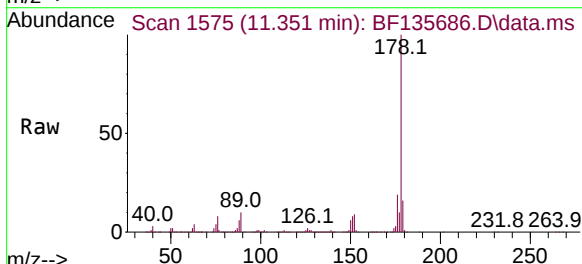
Instrument :
BNA_F
ClientSampleId :
PB155781BS

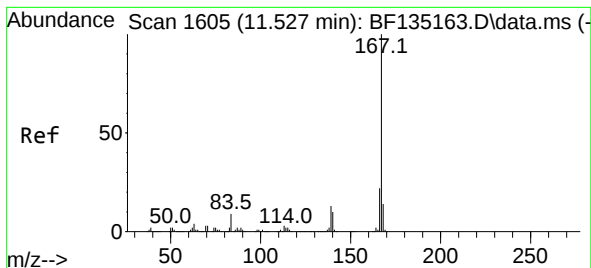
Tgt Ion:178 Resp: 868819
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.3 12.0 18.0



#72
Anthracene
Concen: 42.602 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:178 Resp: 877445
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.6 19.0





#73

Carbazole

Concen: 44.349 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

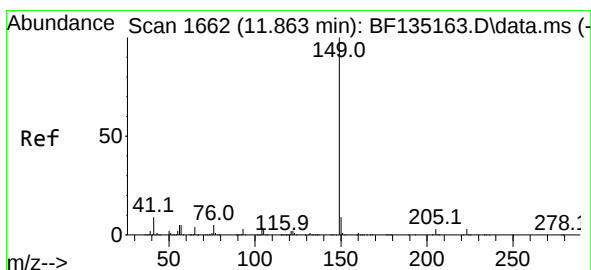
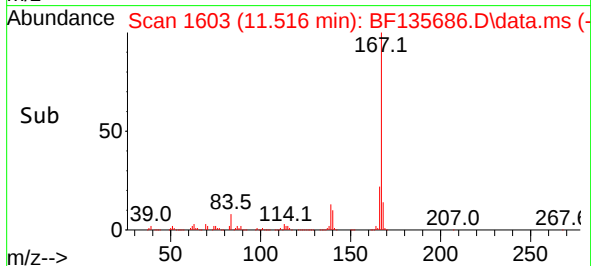
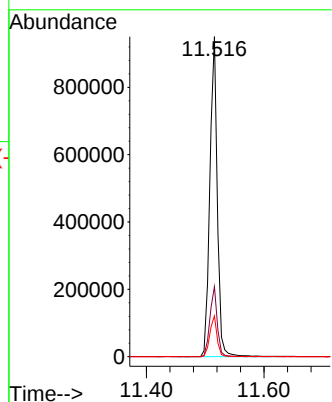
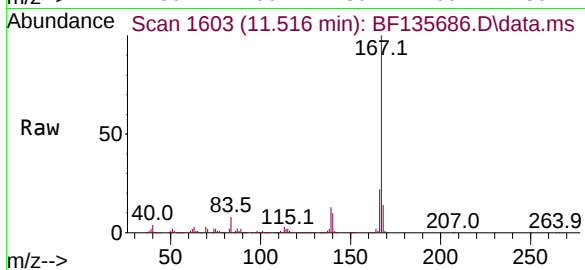
Tgt Ion:167 Resp: 831530

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 12.7 10.6 15.8



#74

Di-n-butylphthalate

Concen: 44.555 ng

RT: 11.839 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

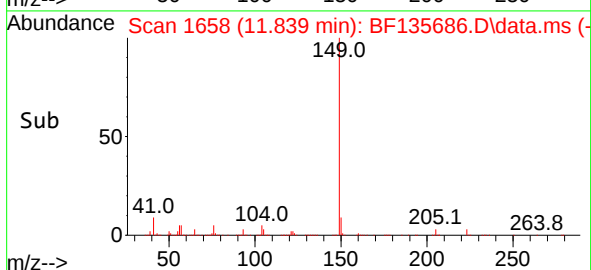
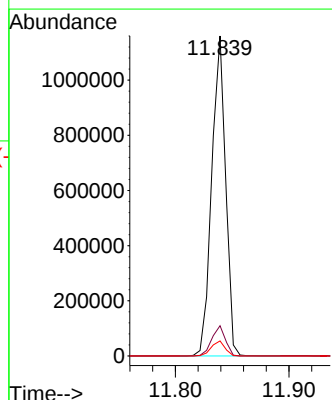
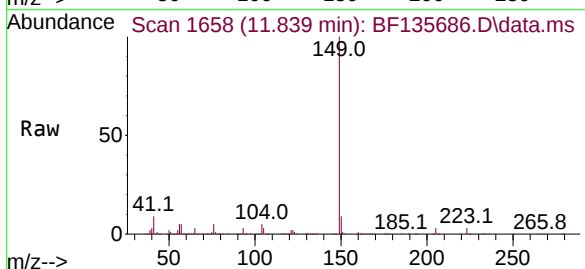
Tgt Ion:149 Resp: 984376

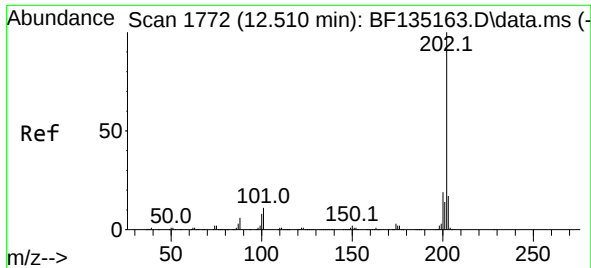
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 4.7 3.6 5.4

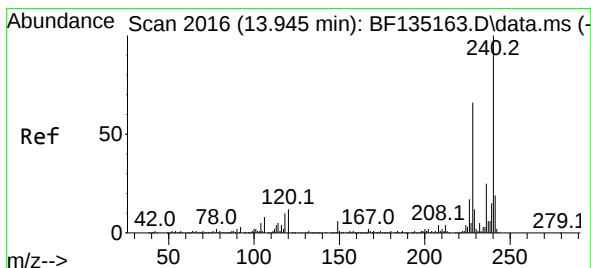
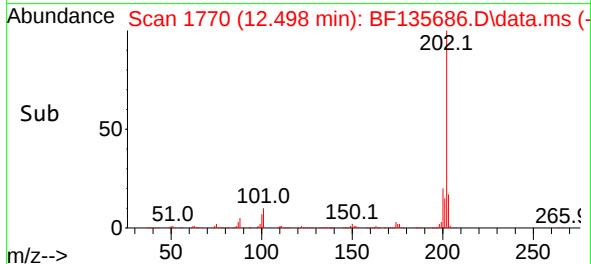
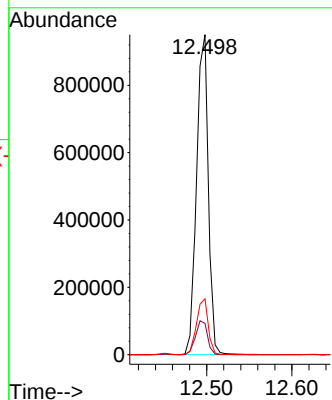
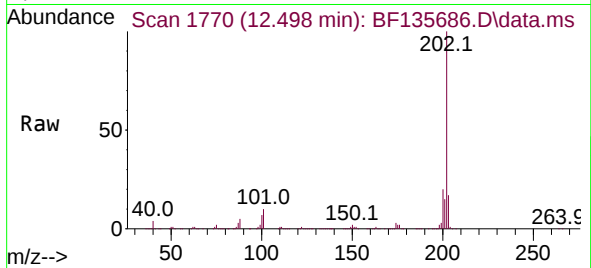




#75
Fluoranthene
Concen: 43.616 ng
RT: 12.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

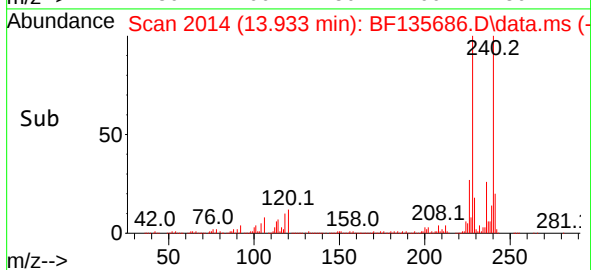
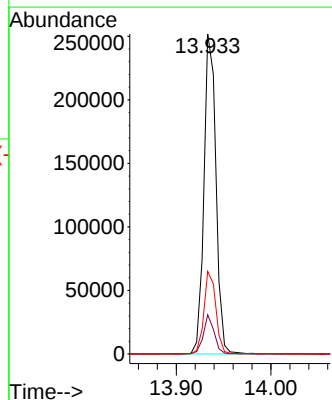
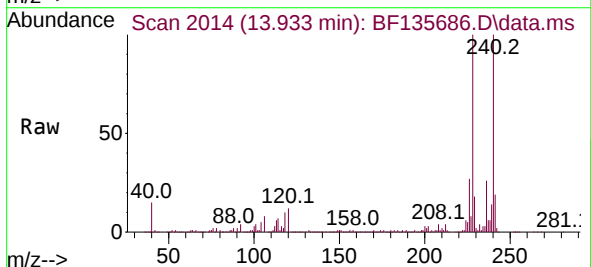
Instrument :
BNA_F
ClientSampleId :
PB155781BS

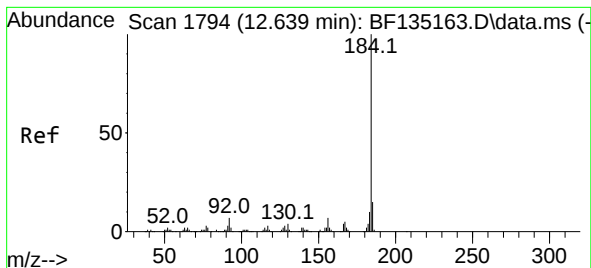
Tgt Ion:202 Resp: 910668
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.3
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:240 Resp: 221145
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.8 19.8 29.8





#77

Benzidine

Concen: 37.917 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

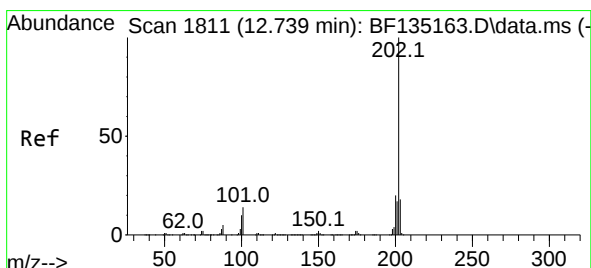
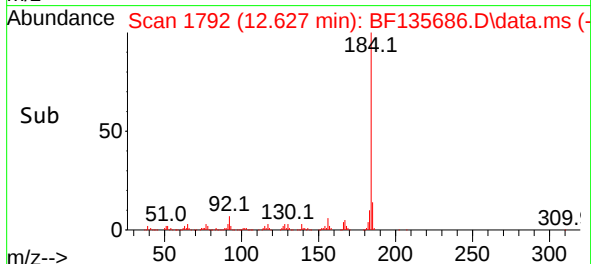
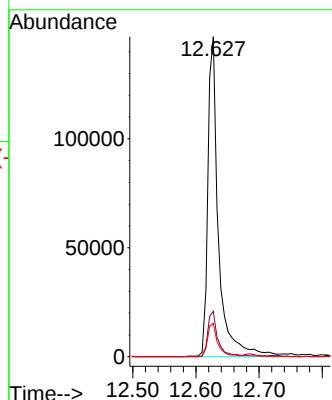
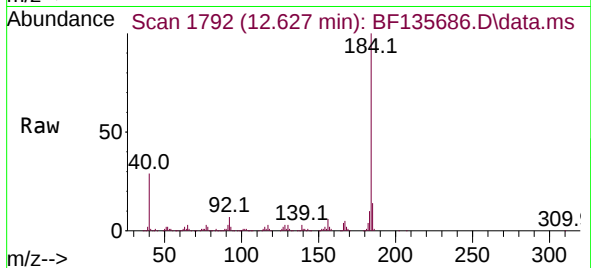
Tgt Ion:184 Resp: 171787

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 10.4 8.2 12.4



#78

Pyrene

Concen: 43.422 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

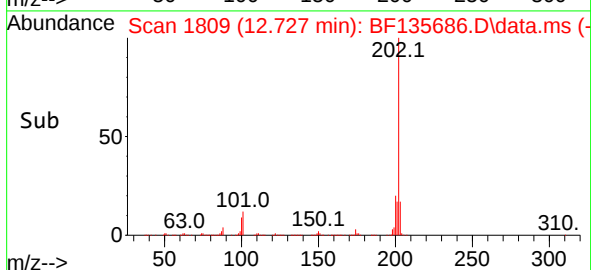
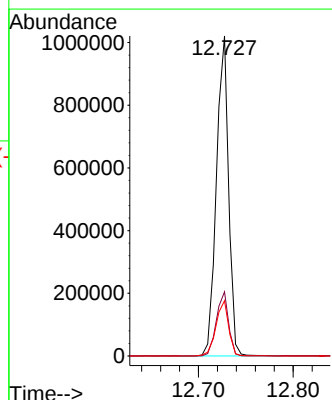
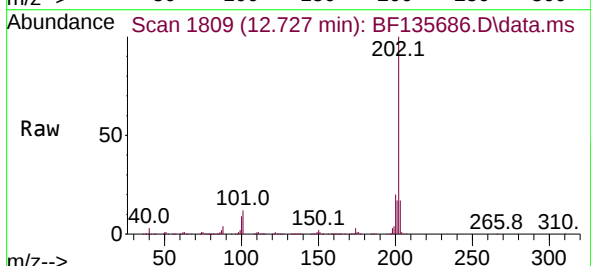
Tgt Ion:202 Resp: 914245

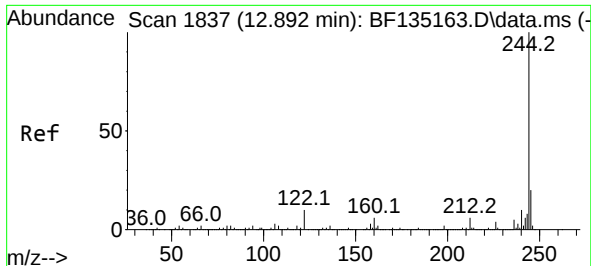
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

203 17.3 14.2 21.4

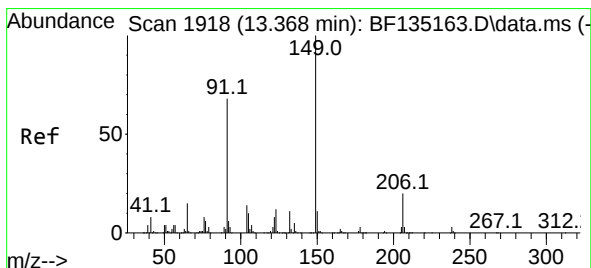
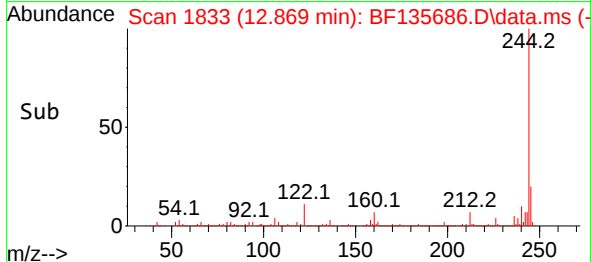
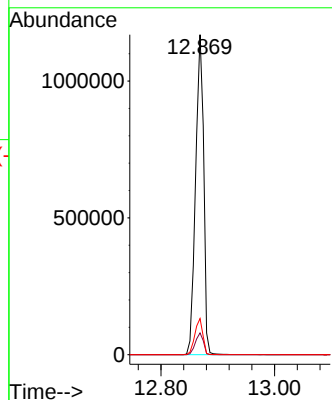
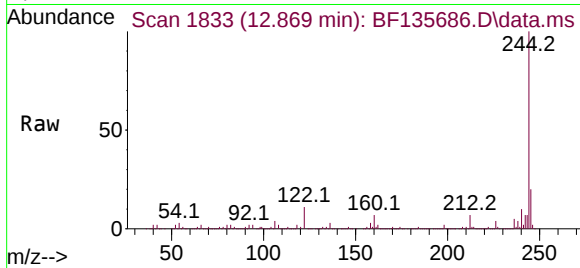




#79
 Terphenyl-d14
 Concen: 81.533 ng
 RT: 12.869 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135686.D
 Acq: 10 Oct 2023 15:53

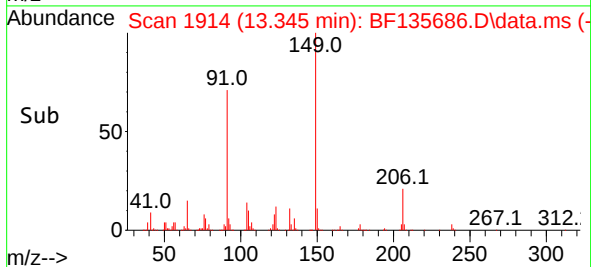
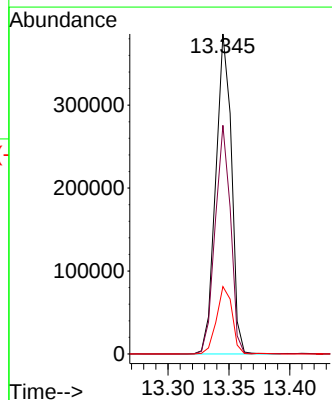
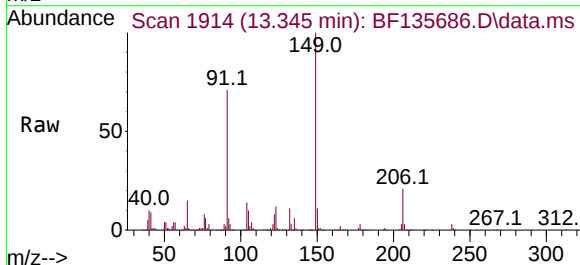
Instrument :
 BNA_F
 ClientSampleId :
 PB155781BS

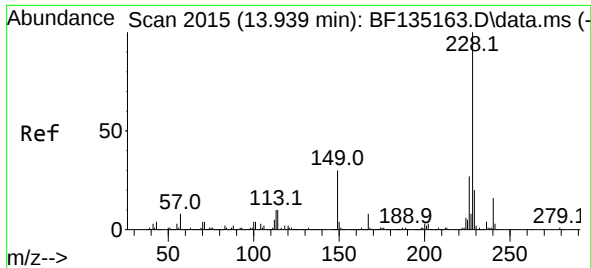
Tgt Ion:244 Resp: 1163122
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.3 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 46.725 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: BF135686.D
 Acq: 10 Oct 2023 15:53

Tgt Ion:149 Resp: 346373
 Ion Ratio Lower Upper
 149 100
 91 71.5 54.7 82.1
 206 21.0 16.3 24.5

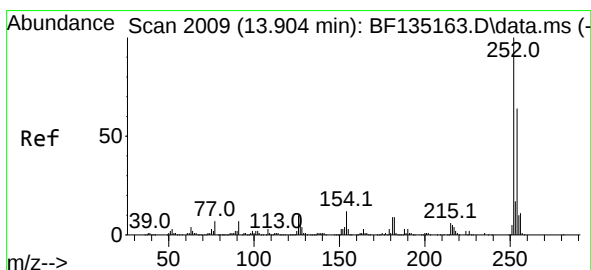
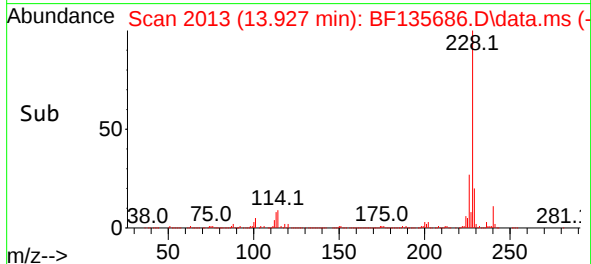
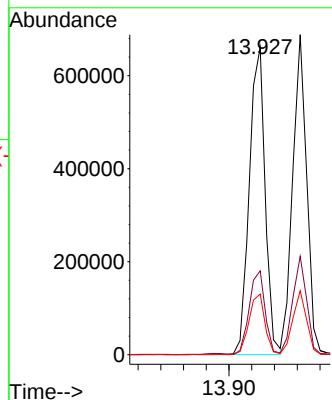
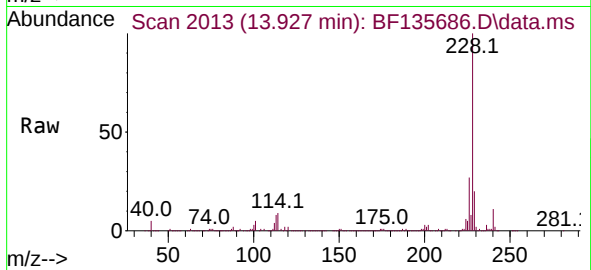




#81
Benzo(a)anthracene
Concen: 44.693 ng
RT: 13.927 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

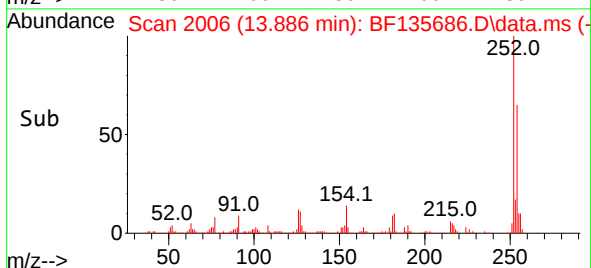
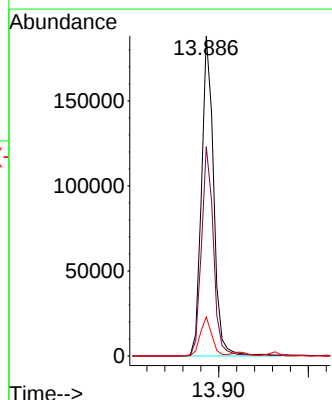
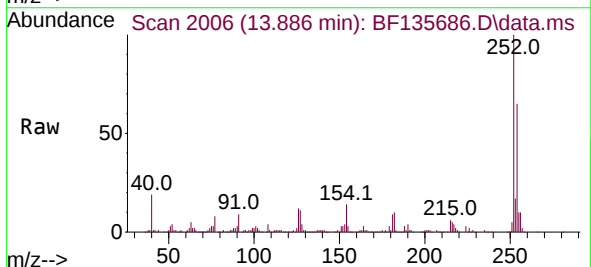
Instrument :
BNA_F
ClientSampleId :
PB155781BS

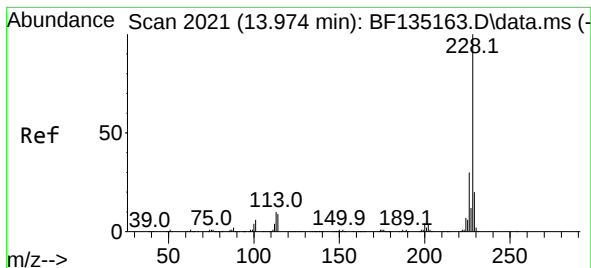
Tgt Ion:228 Resp: 638217
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 39.533 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:252 Resp: 176333
Ion Ratio Lower Upper
252 100
254 65.4 51.0 76.4
126 12.2 7.8 11.8





#83

Chrysene

Concen: 41.614 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

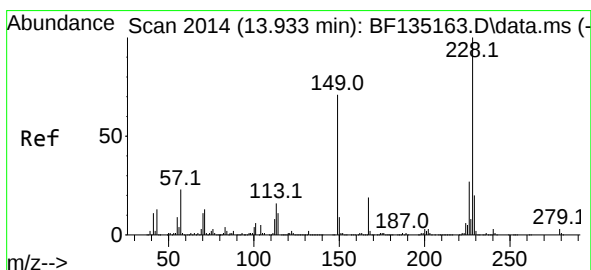
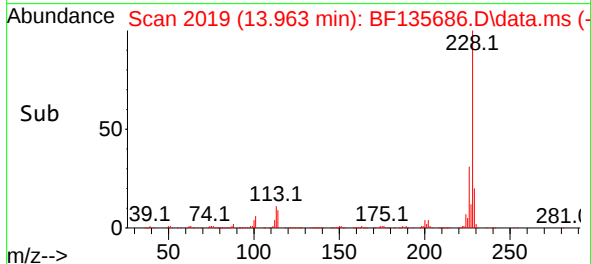
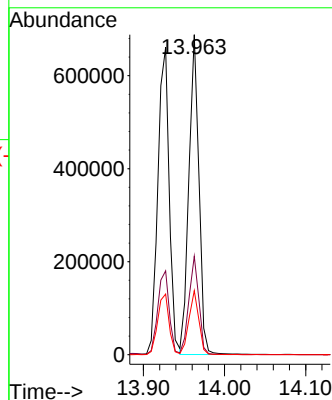
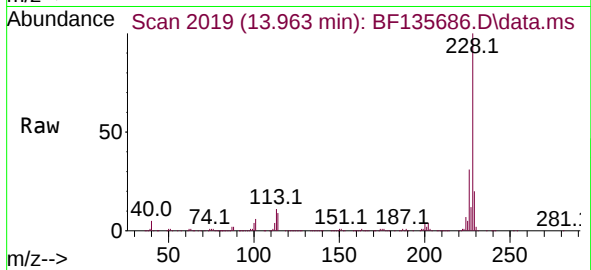
Tgt Ion:228 Resp: 590820

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.601 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

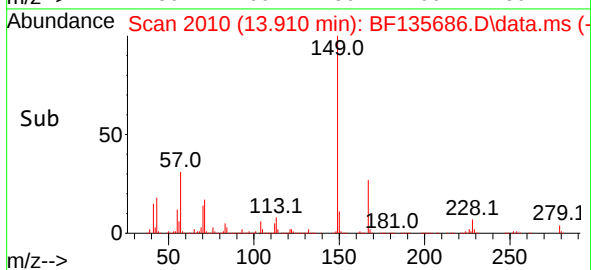
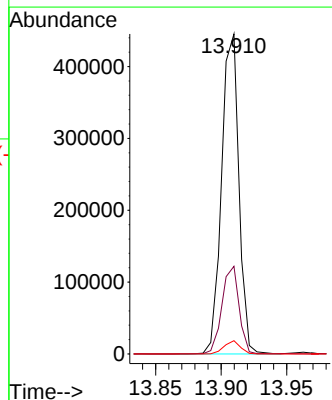
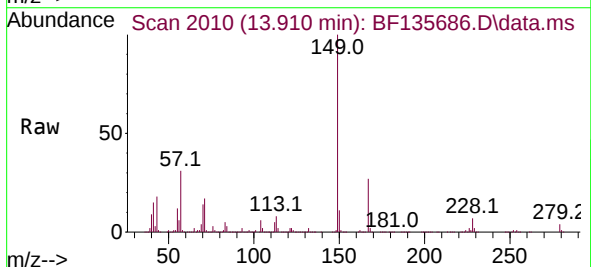
Tgt Ion:149 Resp: 407744

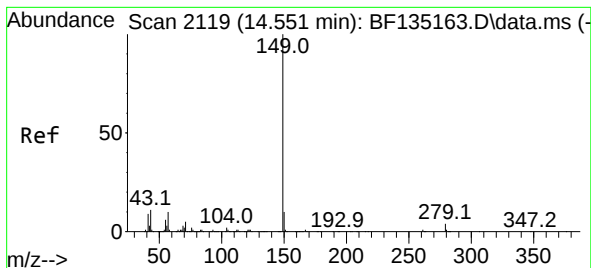
Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 47.345 ng

RT: 14.521 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

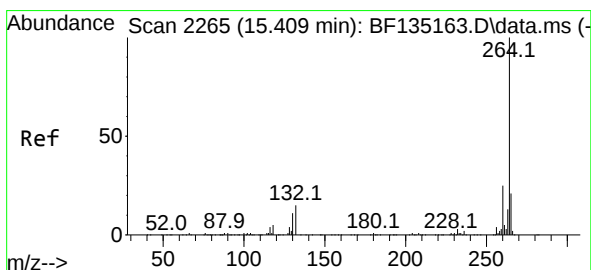
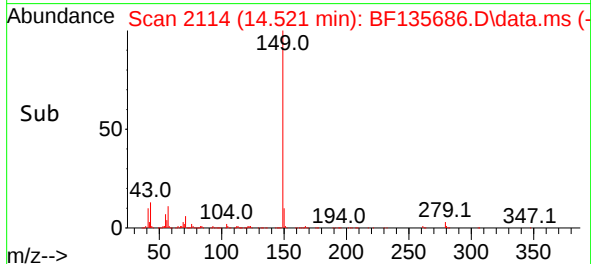
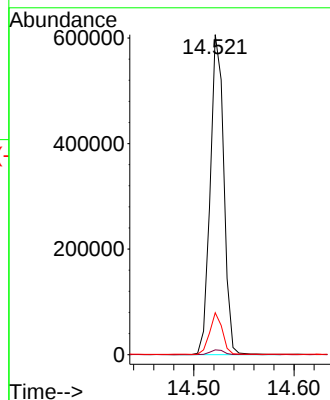
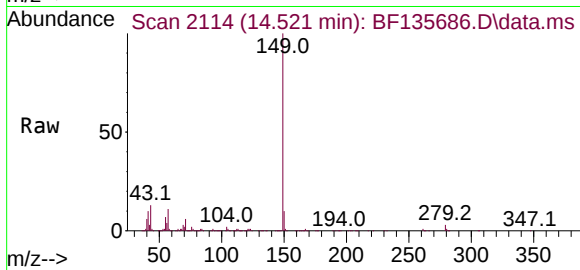
Tgt Ion:149 Resp: 572359

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.2 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

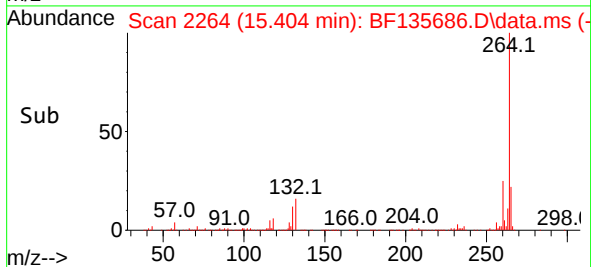
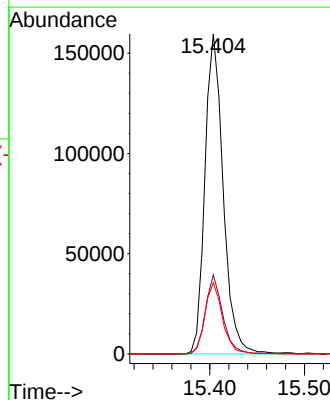
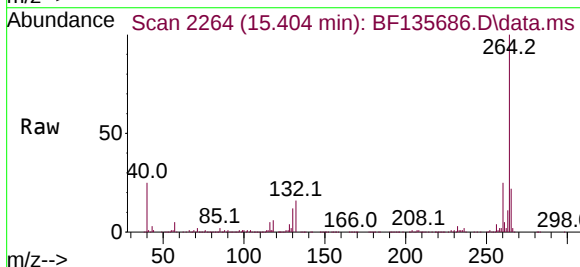
Tgt Ion:264 Resp: 213050

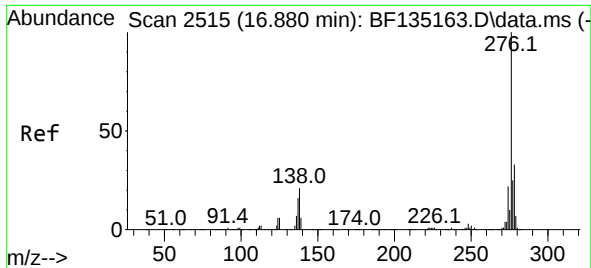
Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 22.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.307 ng

RT: 16.904 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB155781BS

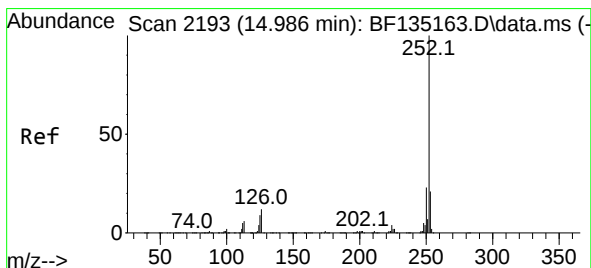
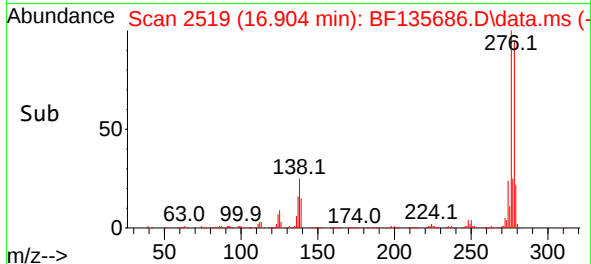
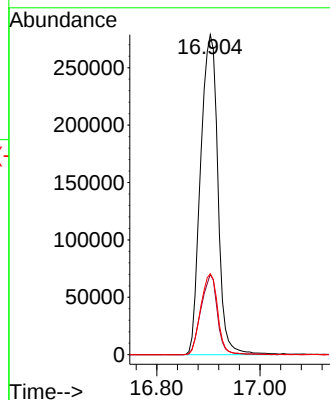
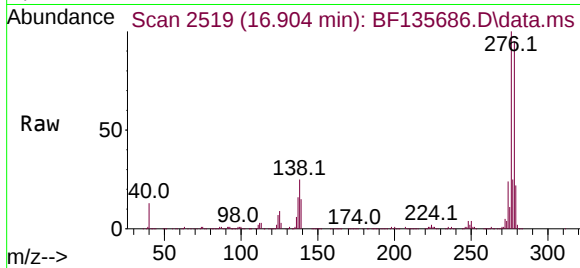
Tgt Ion:276 Resp: 646866

Ion Ratio Lower Upper

276 100

138 23.7 19.2 28.8

277 24.9 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 46.251 ng

RT: 14.974 min Scan# 2191

Delta R.T. -0.006 min

Lab File: BF135686.D

Acq: 10 Oct 2023 15:53

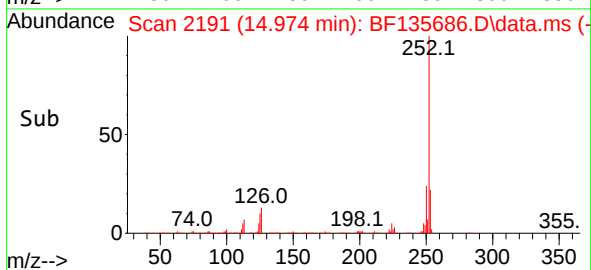
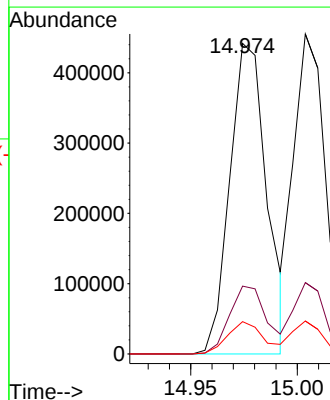
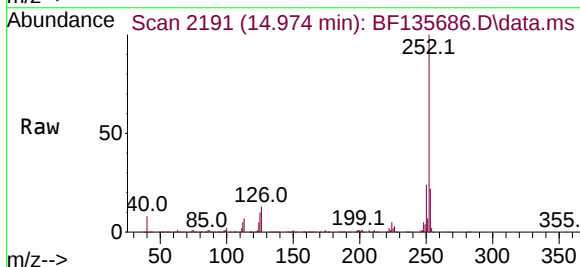
Tgt Ion:252 Resp: 533423

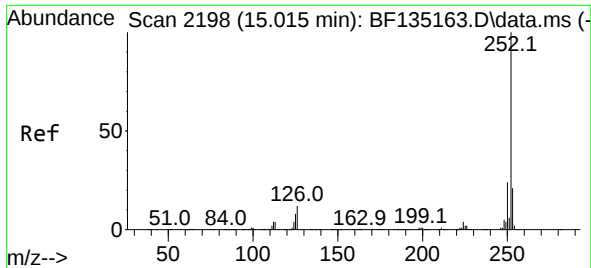
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.4 7.1 10.7

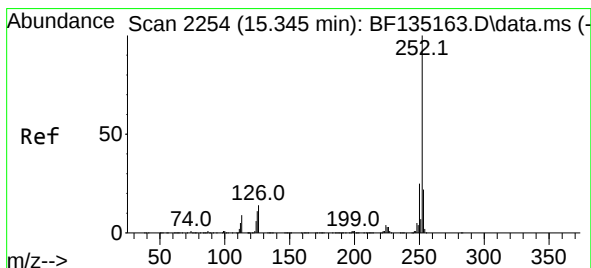
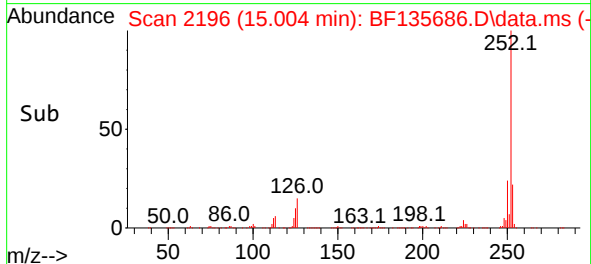
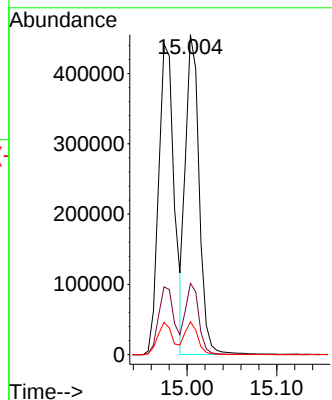
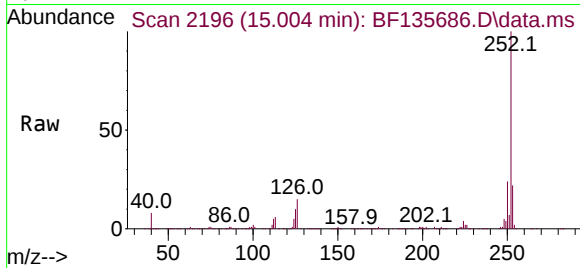




#89
Benzo(k)fluoranthene
Concen: 42.279 ng
RT: 15.004 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

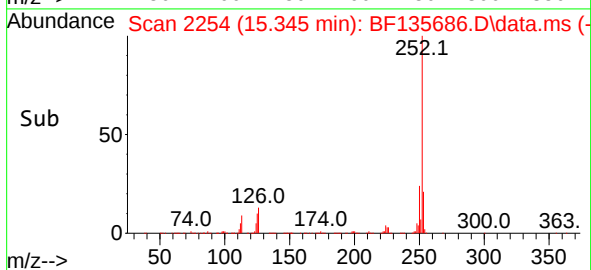
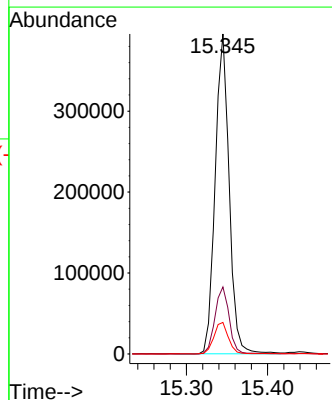
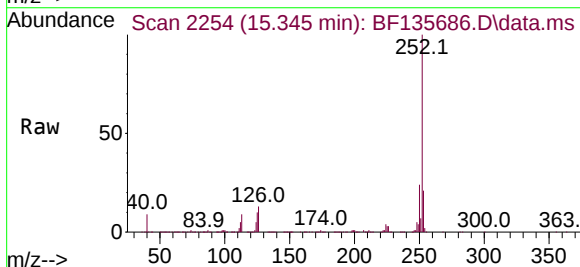
Instrument :
BNA_F
ClientSampleId :
PB155781BS

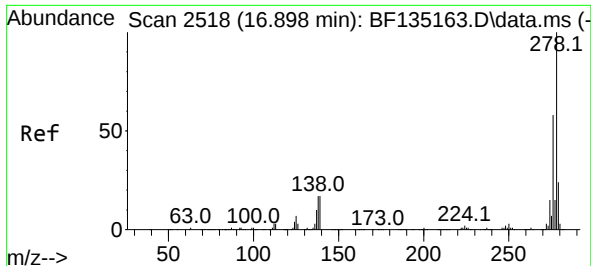
Tgt Ion:252 Resp: 481676
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 10.3 7.2 10.8



#90
Benzo(a)pyrene
Concen: 42.891 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BF135686.D
Acq: 10 Oct 2023 15:53

Tgt Ion:252 Resp: 471732
Ion Ratio Lower Upper
252 100
253 20.9 17.5 26.3
125 9.9 9.2 13.8

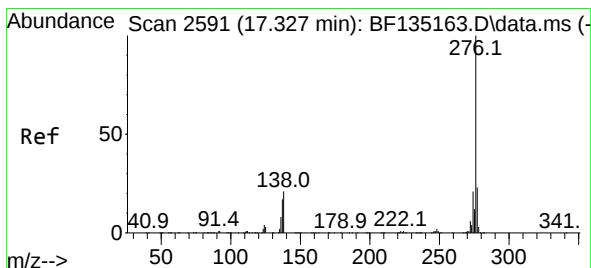
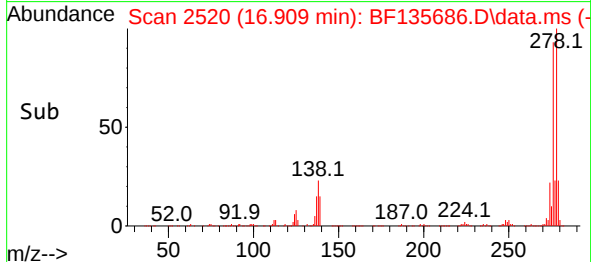
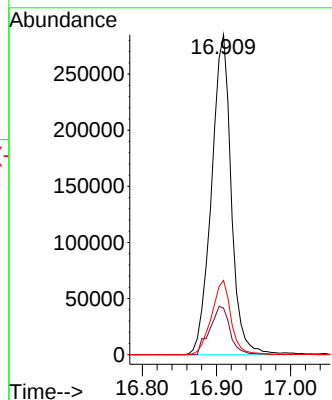
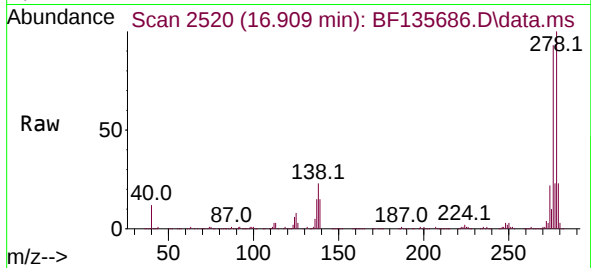




#91
 Dibenzo(a,h)anthracene
 Concen: 46.140 ng
 RT: 16.909 min Scan# 2518
 Delta R.T. 0.000 min
 Lab File: BF135686.D
 Acq: 10 Oct 2023 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB155781BS

Tgt Ion:278 Resp: 527360
 Ion Ratio Lower Upper
 278 100
 139 14.6 13.4 20.0
 279 23.2 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 46.468 ng
 RT: 17.351 min Scan# 2595
 Delta R.T. 0.000 min
 Lab File: BF135686.D
 Acq: 10 Oct 2023 15:53

Tgt Ion:276 Resp: 554677
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.8 28.2
 138 20.2 16.9 25.3

