

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135684.D
 Acq On : 10 Oct 2023 14:52
 Operator : CG\JU
 Sample : PB156207BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156207BS

Quant Time: Oct 11 02:56:22 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	6.739	152	100401	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	378355	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	197882	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	377505	20.000	ng	0.00
76) Chrysene-d12	13.939	240	208546	20.000	ng	# 0.00
86) Perylene-d12	15.404	264	211419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	835408	135.332	ng	0.02
7) Phenol-d6	6.398	99	1006106	128.177	ng	0.00
23) Nitrobenzene-d5	7.310	82	642358	92.239	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	266696	135.622	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1176077	89.668	ng	0.00
79) Terphenyl-d14	12.868	244	1227446	91.240	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	107797	39.834	ng	98
3) Pyridine	3.281	79	253483	34.804	ng	96
4) n-Nitrosodimethylamine	3.240	42	183339	47.437	ng	96
6) Aniline	6.410	93	312811	30.390	ng	# 13
8) 2-Chlorophenol	6.534	128	314824	47.775	ng	95
9) Benzaldehyde	6.298	77	60690	13.572	ng	96
10) Phenol	6.410	94	370506	43.046	ng	81
11) bis(2-Chloroethyl)ether	6.481	93	302700	46.884	ng	97
12) 1,3-Dichlorobenzene	6.681	146	309859	46.268	ng	97
13) 1,4-Dichlorobenzene	6.757	146	315650	46.326	ng	99
14) 1,2-Dichlorobenzene	6.904	146	296534	46.864	ng	99
15) Benzyl Alcohol	6.892	79	243043	43.149	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	538966	44.288	ng	62
17) 2-Methylphenol	7.010	107	249364	42.882	ng	# 91
18) Hexachloroethane	7.239	117	117474	46.662	ng	91
19) n-Nitroso-di-n-propyla...	7.157	70	209908	43.174	ng	94
20) 3+4-Methylphenols	7.163	107	310511	44.406	ng	# 79
22) Acetophenone	7.157	105	416988	48.206	ng	# 94
24) Nitrobenzene	7.328	77	318801	46.315	ng	99
25) Isophorone	7.563	82	589417	46.092	ng	98
26) 2-Nitrophenol	7.645	139	167030	50.560	ng	95
27) 2,4-Dimethylphenol	7.686	122	247677	44.603	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	361023	47.168	ng	100
29) 2,4-Dichlorophenol	7.886	162	256305	49.812	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	260779	48.488	ng	99
31) Naphthalene	8.039	128	871790	47.423	ng	99
32) Benzoic acid	7.845	122	174662	41.771	ng	99
33) 4-Chloroaniline	8.098	127	233466	28.946	ng	98
34) Hexachlorobutadiene	8.151	225	152584	47.051	ng	99
35) Caprolactam	8.481	113	51515	29.831	ng	98
36) 4-Chloro-3-methylphenol	8.598	107	284079	49.675	ng	99
37) 2-Methylnaphthalene	8.733	142	555668	44.968	ng	100
38) 1-Methylnaphthalene	8.833	142	531669	45.956	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	270293	47.148	ng	100
41) Hexachlorocyclopentadiene	8.881	237	121460	51.029	ng	100
43) 2,4,6-Trichlorophenol	9.022	196	170531	45.432	ng	98

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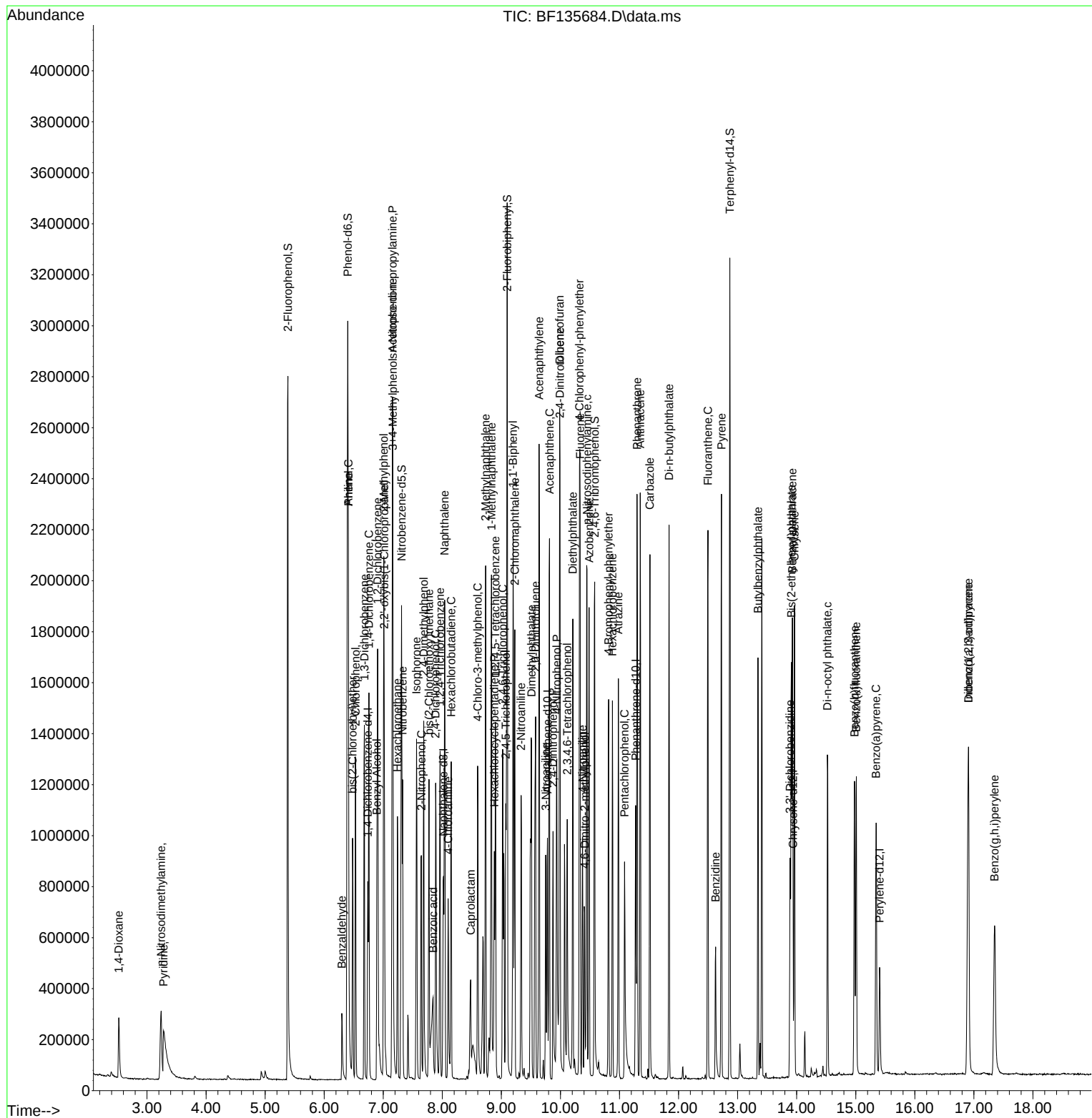
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	185105	42.823	ng	97
46) 1,1'-Biphenyl	9.198	154	708724	46.605	ng	98
47) 2-Chloronaphthalene	9.228	162	527130	47.775	ng	99
48) 2-Nitroaniline	9.333	65	208230	48.578	ng	96
49) Acenaphthylene	9.639	152	860355	46.919	ng	99
50) Dimethylphthalate	9.510	163	622641	46.539	ng	99
51) 2,6-Dinitrotoluene	9.580	165	139637	47.644	ng	92
52) Acenaphthene	9.816	154	505847	46.697	ng	99
53) 3-Nitroaniline	9.751	138	122242	35.532	ng	96
54) 2,4-Dinitrophenol	9.875	184	136637	81.956	ng	99
55) Dibenzofuran	9.986	168	745882	45.123	ng	96
56) 4-Nitrophenol	9.939	139	148138	67.751	ng	99
57) 2,4-Dinitrotoluene	9.992	165	170943	46.589	ng	90
58) Fluorene	10.333	166	603240	47.470	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	150132	45.151	ng	98
60) Diethylphthalate	10.210	149	635284	47.314	ng	98
61) 4-Chlorophenyl-phenyle...	10.322	204	284572	46.618	ng	98
62) 4-Nitroaniline	10.375	138	150605	45.541	ng	98
63) Azobenzene	10.486	77	608914	46.338	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	94812	47.287	ng	86
66) n-Nitrosodiphenylamine	10.451	169	555201	48.579	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	178042	47.420	ng	98
68) Hexachlorobenzene	10.880	284	197509	51.636	ng	# 90
69) Atrazine	10.980	200	169880	55.242	ng	98
70) Pentachlorophenol	11.086	266	149946	65.521	ng	97
71) Phenanthrene	11.298	178	872697	48.879	ng	99
72) Anthracene	11.351	178	890415	48.518	ng	99
73) Carbazole	11.516	167	838532	50.192	ng	99
74) Di-n-butylphthalate	11.839	149	982082	49.887	ng	99
75) Fluoranthene	12.498	202	942668	50.670	ng	98
77) Benzidine	12.627	184	248055	58.059	ng	99
78) Pyrene	12.727	202	938485	47.267	ng	100
80) Butylbenzylphthalate	13.345	149	358942	51.346	ng	95
81) Benzo(a)anthracene	13.927	228	673869	50.041	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	183723	43.678	ng	99
83) Chrysene	13.963	228	620171	46.321	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	429593	59.885	ng	100
85) Di-n-octyl phthalate	14.521	149	606522	53.202	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	657802	47.454	ng	99
88) Benzo(b)fluoranthene	14.980	252	548040	47.885	ng	99
89) Benzo(k)fluoranthene	15.010	252	517079	45.737	ng	100
90) Benzo(a)pyrene	15.345	252	494705	45.327	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	538355	47.465	ng	98
92) Benzo(g,h,i)perylene	17.351	276	560432	47.312	ng	99

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

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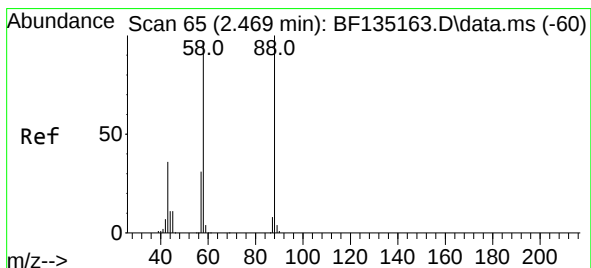
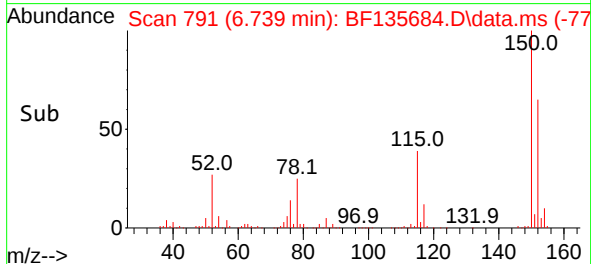
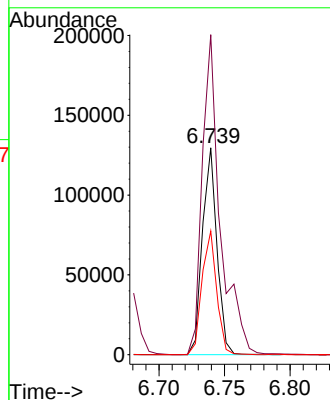
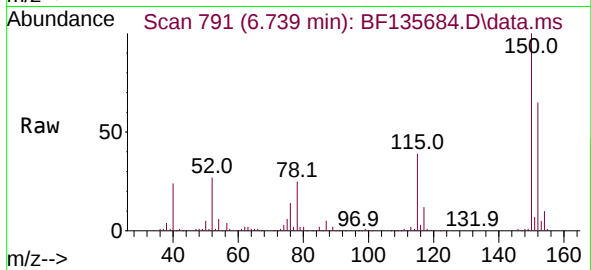




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: BF135684.D
 Acq: 10 Oct 2023 14:52

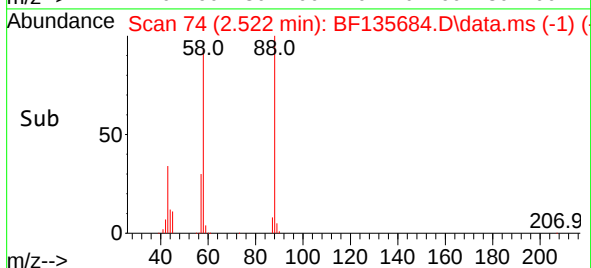
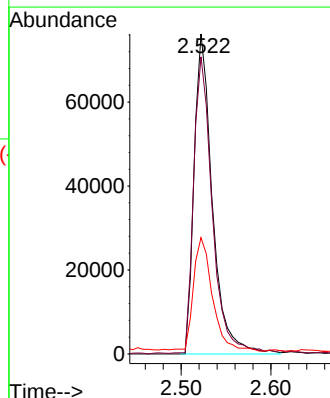
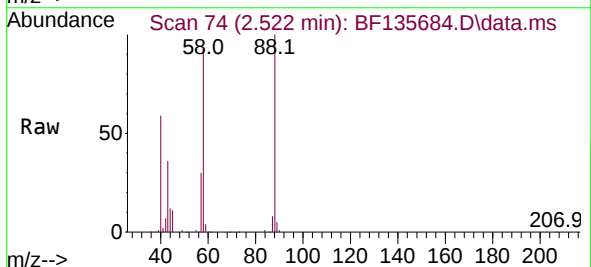
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 PB156207BS

Tgt Ion:152 Resp: 100401
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.8 191.6
 115 59.8 49.8 74.8



#2
 1,4-Dioxane
 Concen: 39.834 ng
 RT: 2.522 min Scan# 74
 Delta R.T. 0.094 min
 Lab File: BF135684.D
 Acq: 10 Oct 2023 14:52

Tgt Ion: 88 Resp: 107797
 Ion Ratio Lower Upper
 88 100
 58 95.1 78.3 117.5
 43 36.7 29.4 44.0

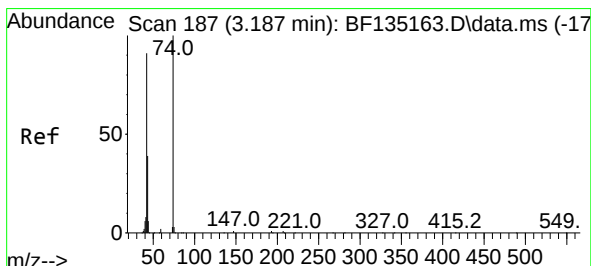
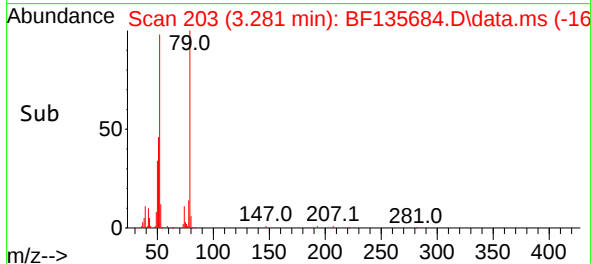
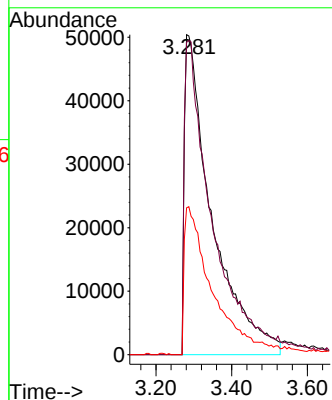
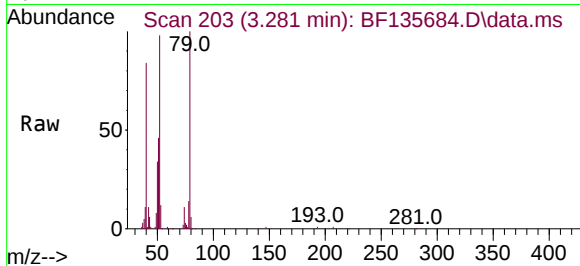




#3
Pyridine
Concen: 34.804 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.106 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

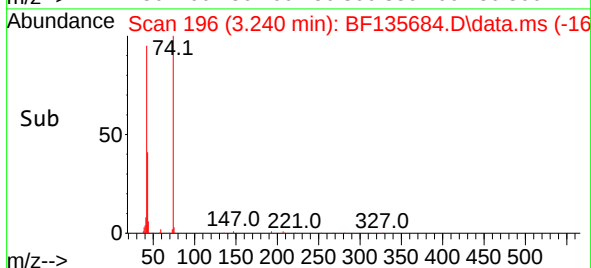
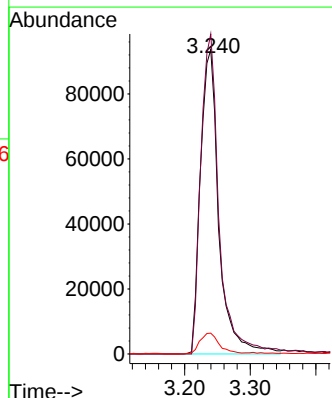
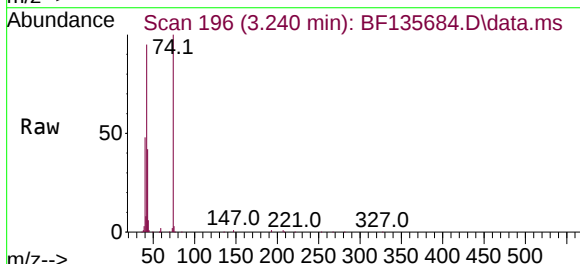
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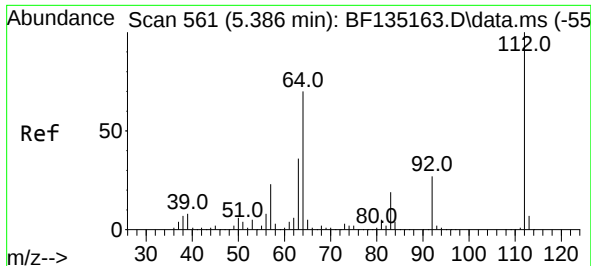
Tgt Ion: 79 Resp: 253483
Ion Ratio Lower Upper
79 100
52 97.6 74.1 111.1
51 45.9 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 47.437 ng
RT: 3.240 min Scan# 196
Delta R.T. 0.088 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion: 42 Resp: 183339
Ion Ratio Lower Upper
42 100
74 105.1 87.7 131.5
44 6.8 5.6 8.4

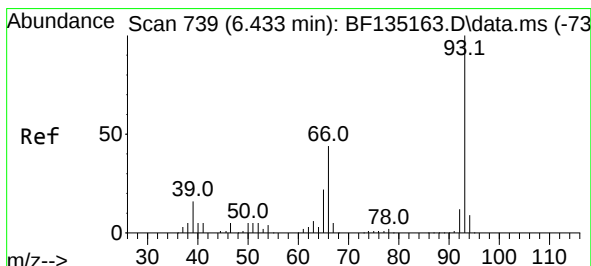
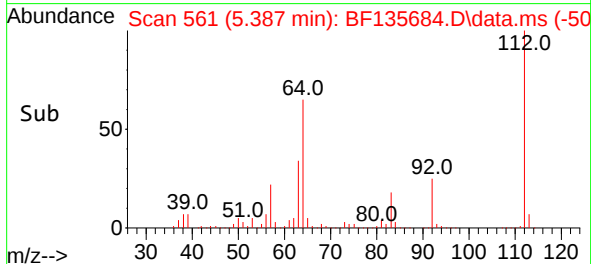
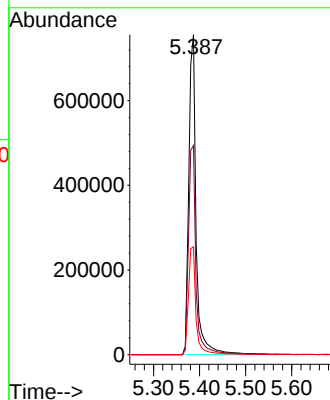
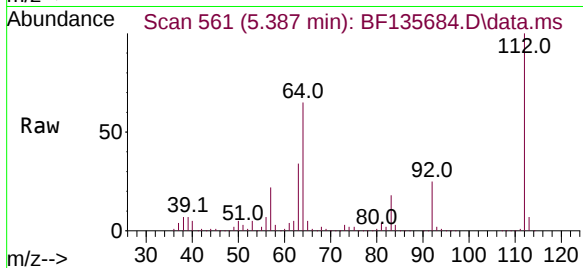




#5
2-Fluorophenol
Concen: 135.332 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

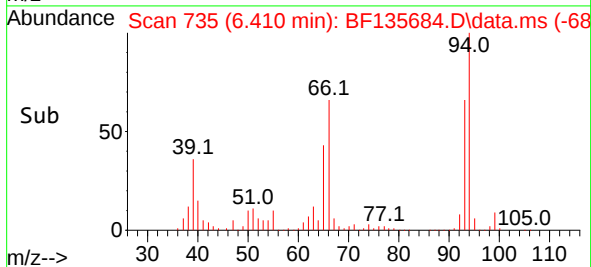
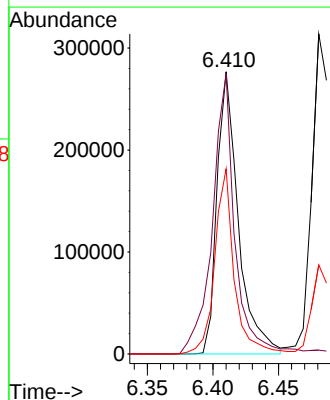
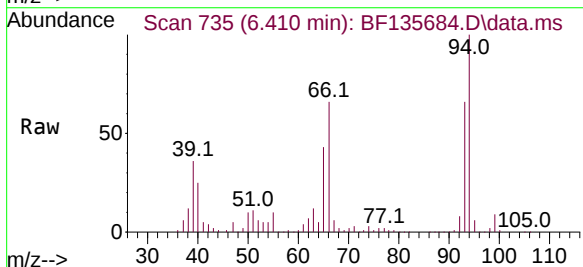
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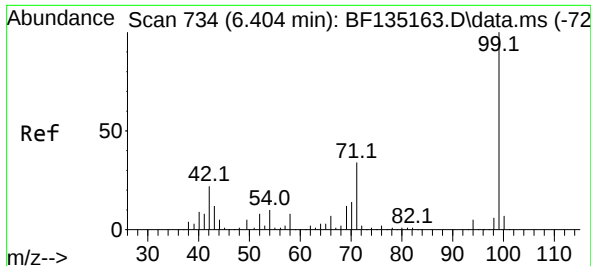
Tgt Ion:112 Resp: 835408
Ion Ratio Lower Upper
112 100
64 65.3 55.9 83.9
63 33.7 29.0 43.6



#6
Aniline
Concen: 30.390 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion: 93 Resp: 312811
Ion Ratio Lower Upper
93 100
66 99.3 35.4 53.0#
65 65.6 17.8 26.8#

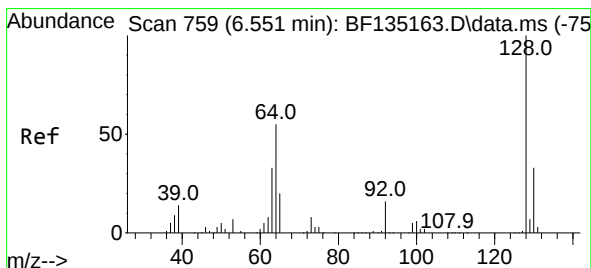
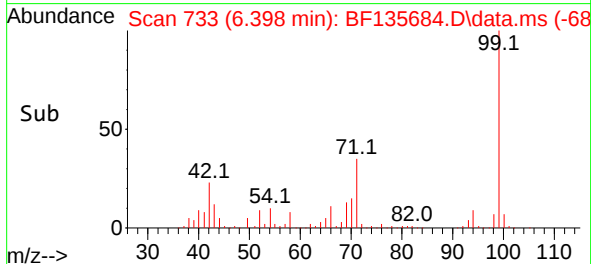
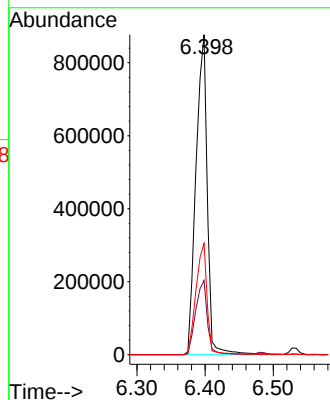
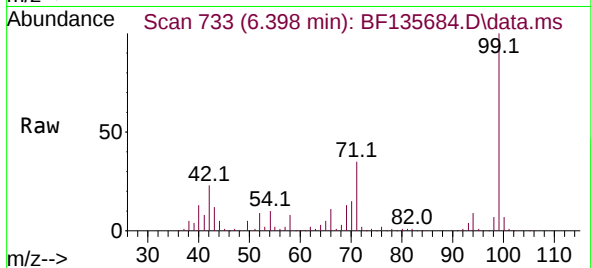




#7
Phenol-d6
Concen: 128.177 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

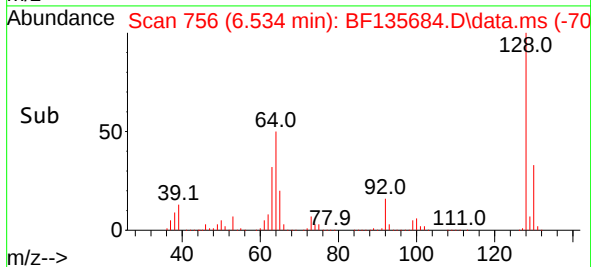
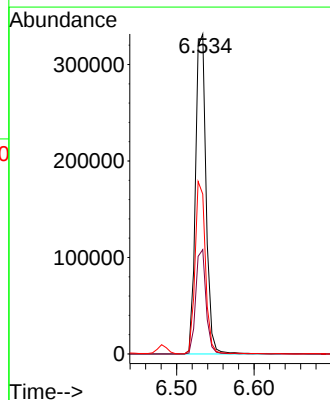
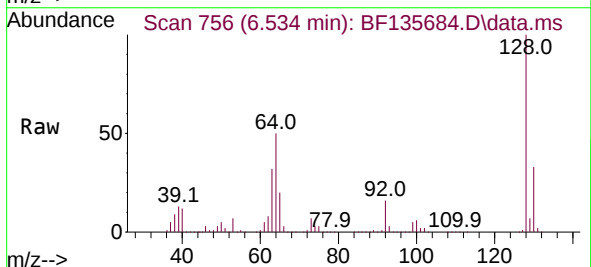
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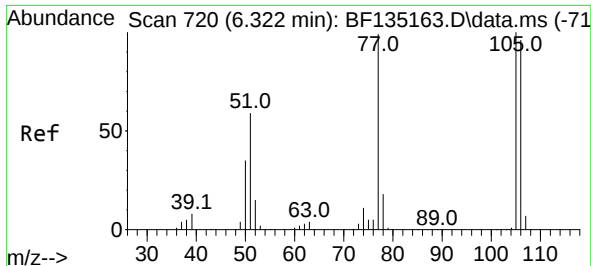
Tgt Ion: 99 Resp: 1006106
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 34.8 27.0 40.6



#8
2-Chlorophenol
Concen: 47.775 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:128 Resp: 314824
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 50.0 35.9 75.9

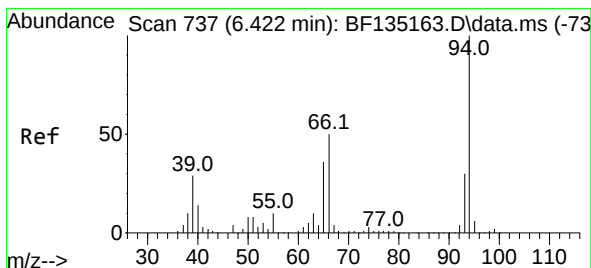
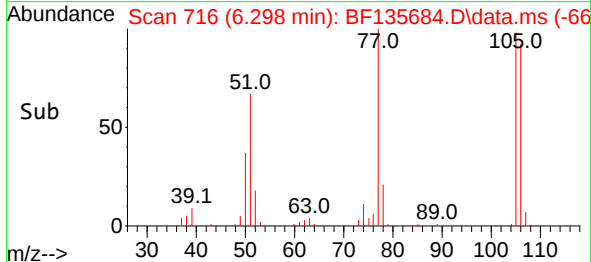
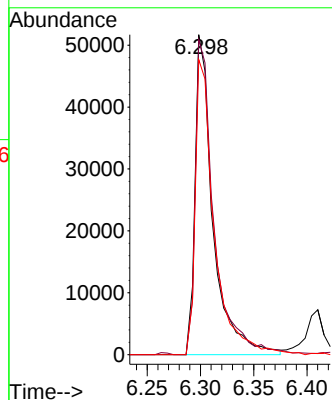
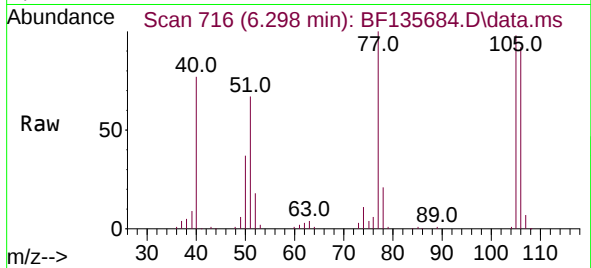




#9
Benzaldehyde
Concen: 13.572 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

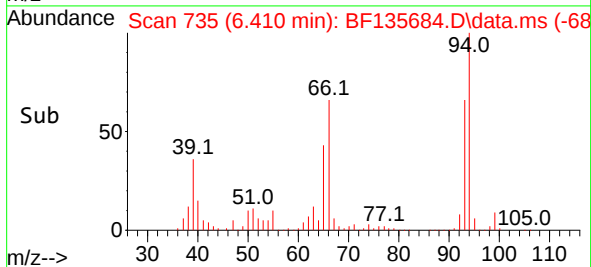
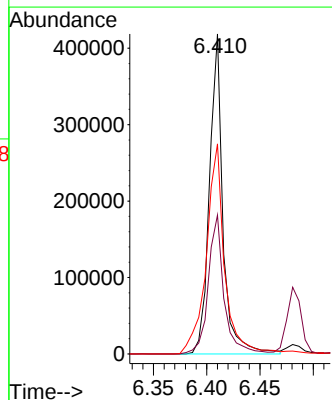
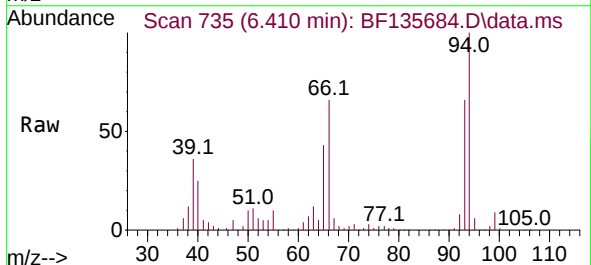
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 60690
Ion Ratio Lower Upper
77 100
105 98.5 81.4 121.4
106 92.2 76.9 116.9



#10
Phenol
Concen: 43.046 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion: 94 Resp: 370506
Ion Ratio Lower Upper
94 100
65 43.4 15.9 55.9
66 65.7 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 46.884 ng

RT: 6.481 min Scan# 747

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

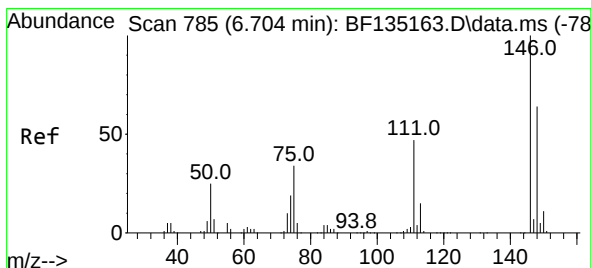
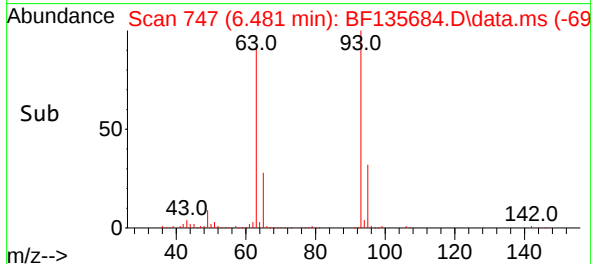
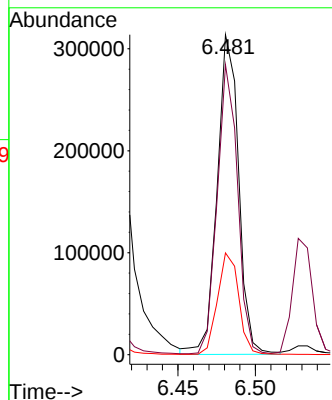
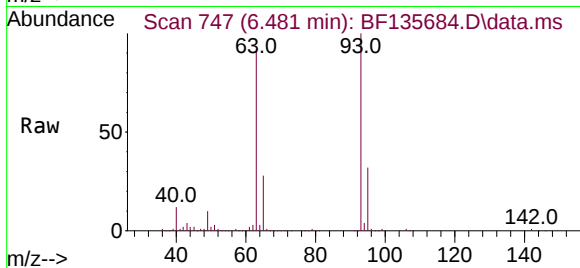
BNA_F

ClientSampleId :

PB156207BS

Tgt Ion: 93 Resp: 302700

Ion	Ratio	Lower	Upper
93	100		
63	90.6	67.3	107.3
95	31.8	12.7	52.7



#12

1,3-Dichlorobenzene

Concen: 46.268 ng

RT: 6.681 min Scan# 781

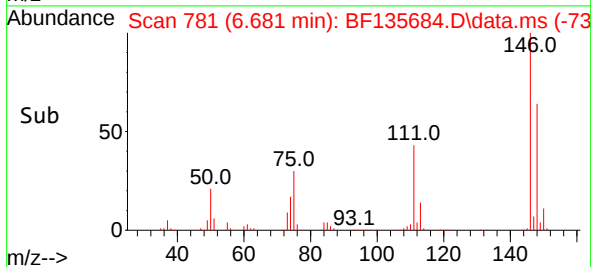
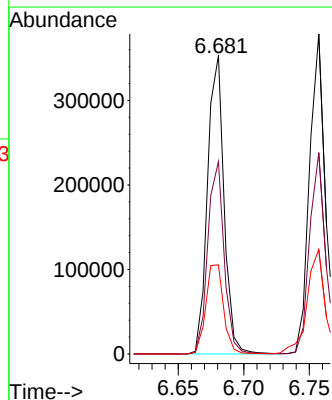
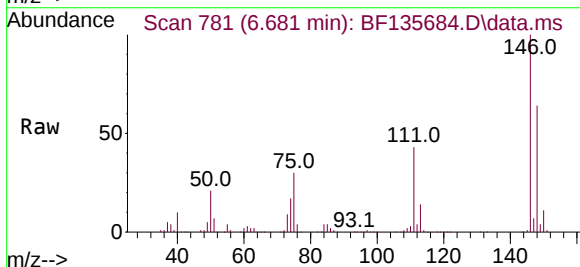
Delta R.T. -0.000 min

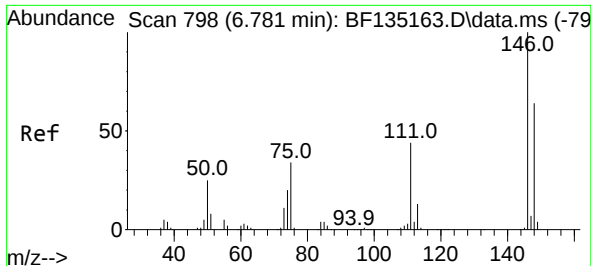
Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Tgt Ion: 146 Resp: 309859

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
75	29.9	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 46.326 ng

RT: 6.757 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

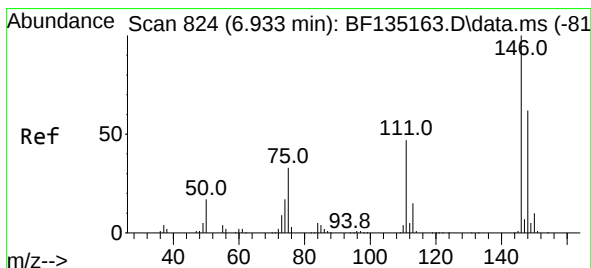
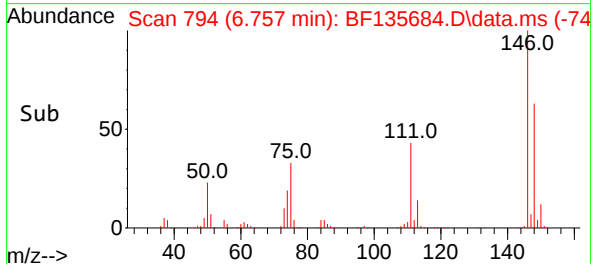
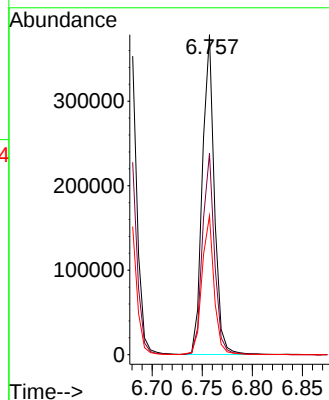
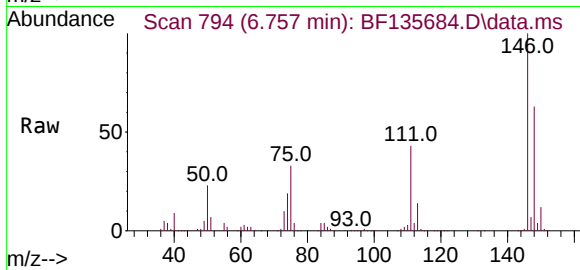
Tgt Ion:146 Resp: 315650

Ion Ratio Lower Upper

146 100

148 62.9 51.3 76.9

111 43.4 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 46.864 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

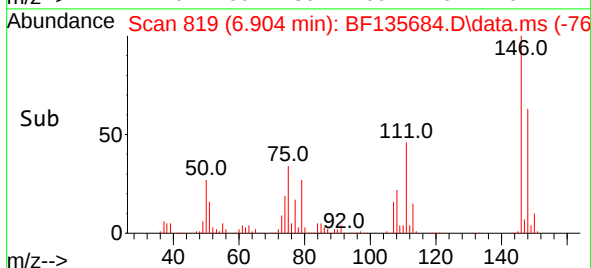
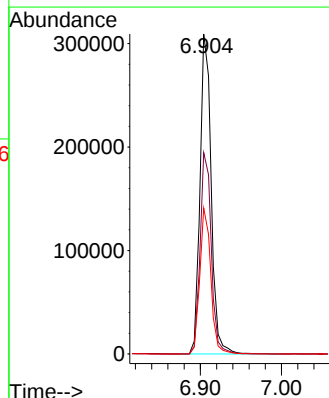
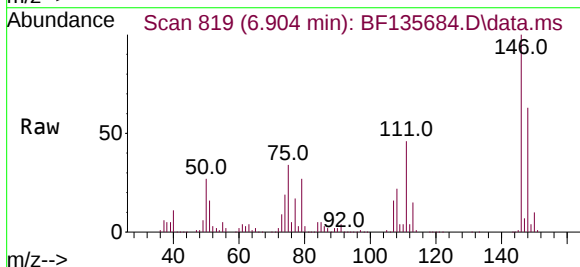
Tgt Ion:146 Resp: 296534

Ion Ratio Lower Upper

146 100

148 62.9 49.7 74.5

111 45.6 37.4 56.2

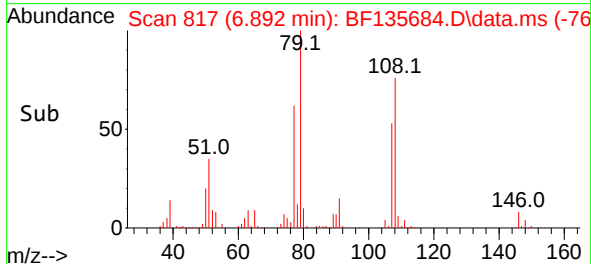
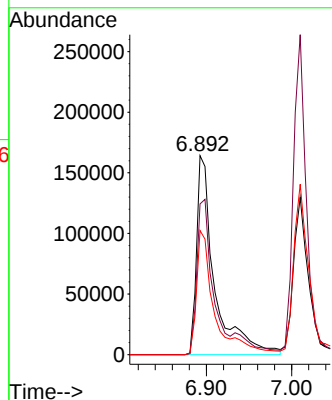
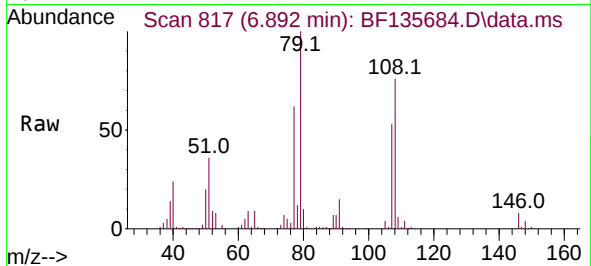




#15
Benzyl Alcohol
Concen: 43.149 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

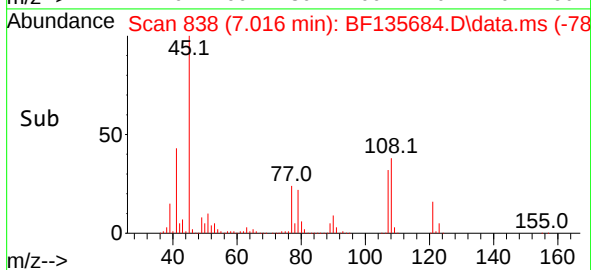
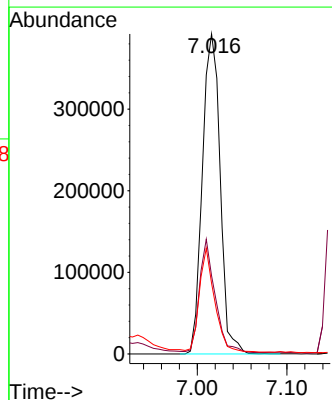
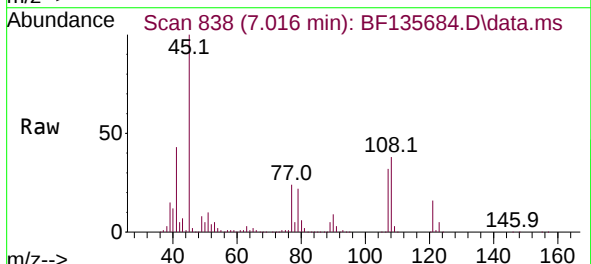
Instrument :
BNA_F
ClientSampleId :
PB156207BS

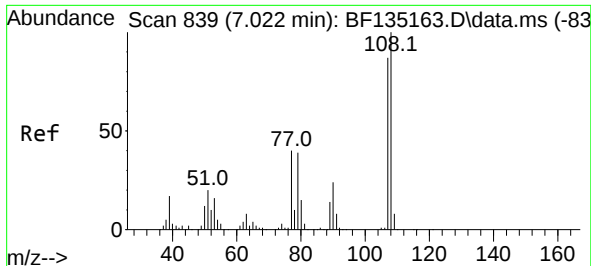
Tgt Ion: 79 Resp: 243043
Ion Ratio Lower Upper
79 100
108 75.7 61.2 91.8
77 62.4 50.5 75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.288 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion: 45 Resp: 538966
Ion Ratio Lower Upper
45 100
77 24.4 0.0 30.6
79 22.1 0.0 28.3

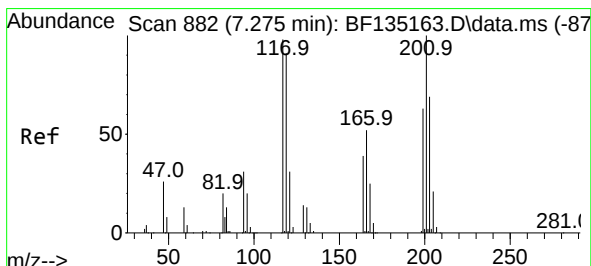
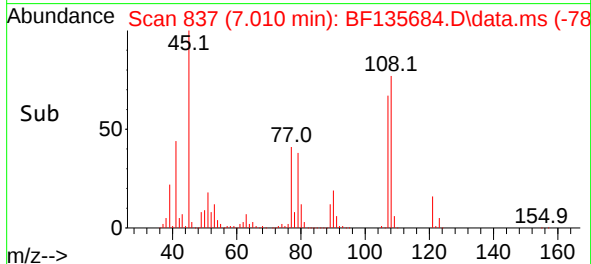
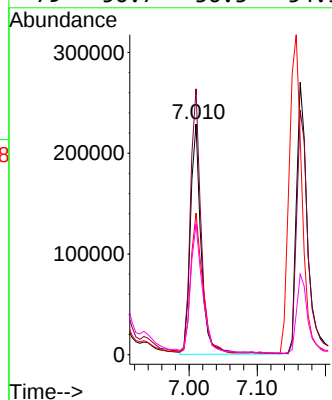
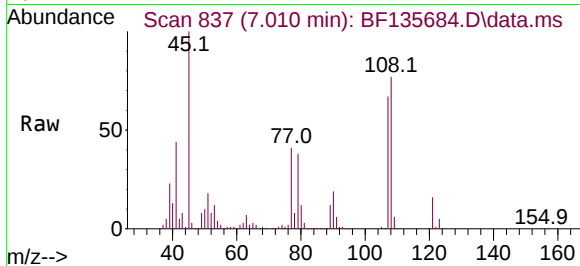




#17
2-Methylphenol
Concen: 42.882 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

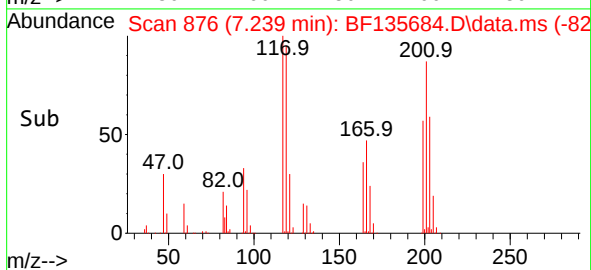
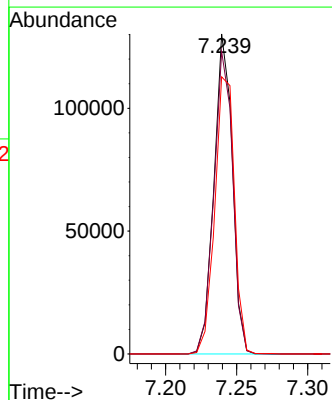
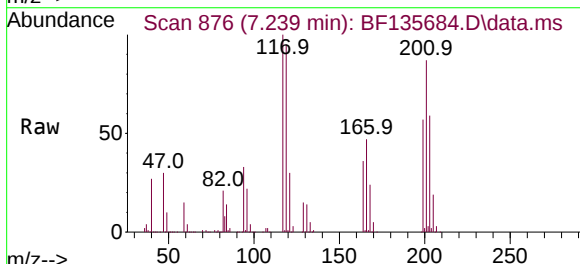
Instrument :
BNA_F
ClientSampleId :
PB156207BS

Tgt Ion:107 Resp: 249364
Ion Ratio Lower Upper
107 100
108 115.3 92.0 138.0
77 61.4 36.7 55.1#
79 56.7 36.3 54.5#



#18
Hexachloroethane
Concen: 46.662 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:117 Resp: 117474
Ion Ratio Lower Upper
117 100
119 94.6 74.7 112.1
201 86.6 81.8 122.8

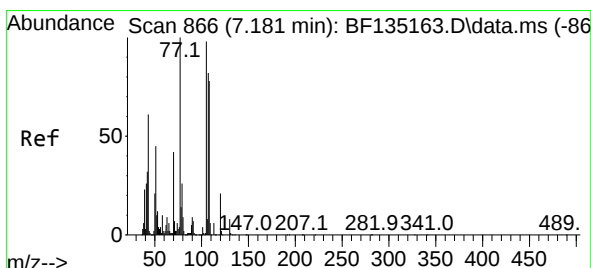
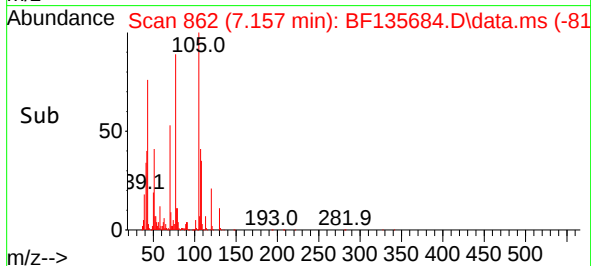
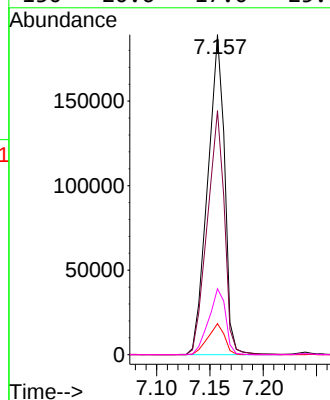
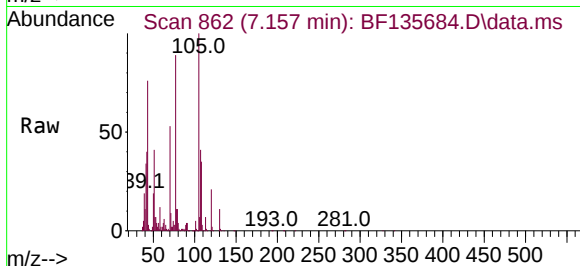




#19
n-Nitroso-di-n-propylamine
Concen: 43.174 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

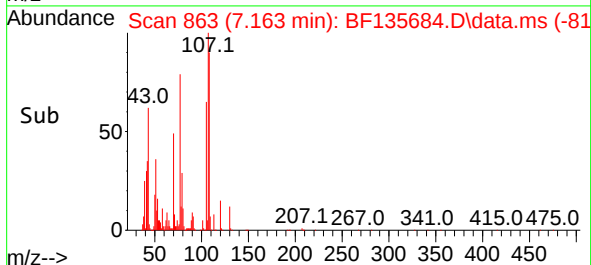
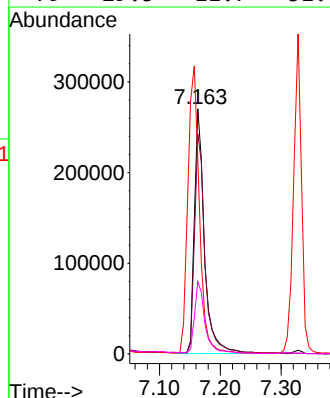
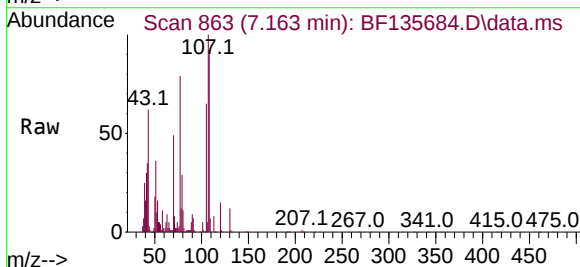
Instrument :
BNA_F
ClientSampleId :
PB156207BS

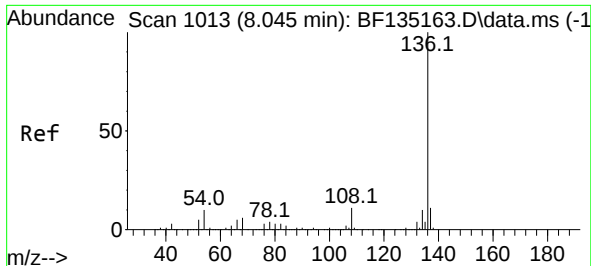
Tgt Ion: 70 Resp: 209908
Ion Ratio Lower Upper
70 100
42 76.2 55.4 83.0
101 9.7 7.7 11.5
130 20.6 17.0 25.6



#20
3+4-Methylphenols
Concen: 44.406 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

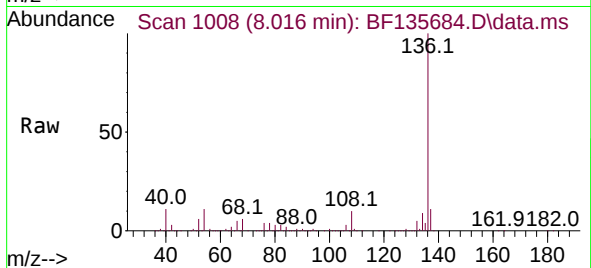
Tgt Ion: 107 Resp: 310511
Ion Ratio Lower Upper
107 100
108 89.8 74.7 114.7
77 79.3 102.0 142.0#
79 29.5 11.7 51.7



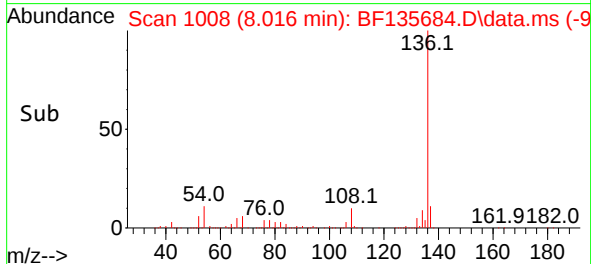
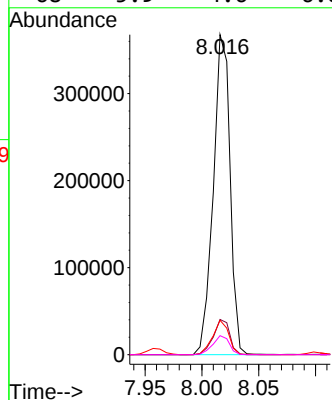


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Instrument :
BNA_F
ClientSampleId :
PB156207BS

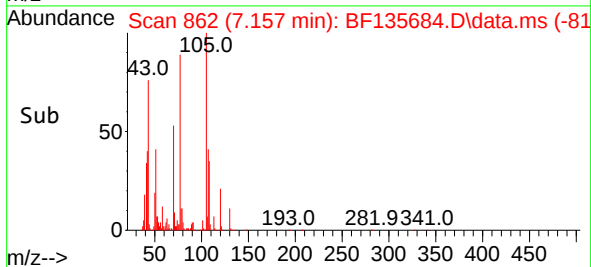
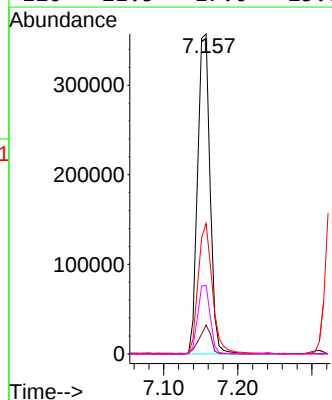
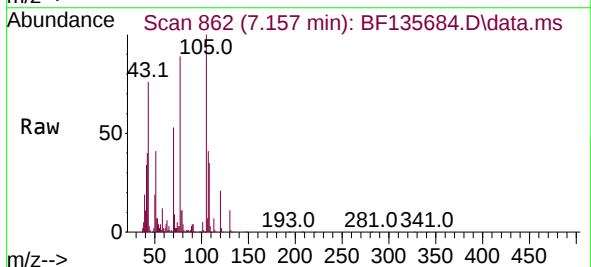


Tgt Ion:136 Resp: 378355
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.8 7.7 11.5
68 5.9 4.6 6.8



#22
Acetophenone
Concen: 48.206 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:105 Resp: 416988
Ion Ratio Lower Upper
105 100
71 9.0 5.8 8.6#
51 40.8 37.0 55.4
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 92.239 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

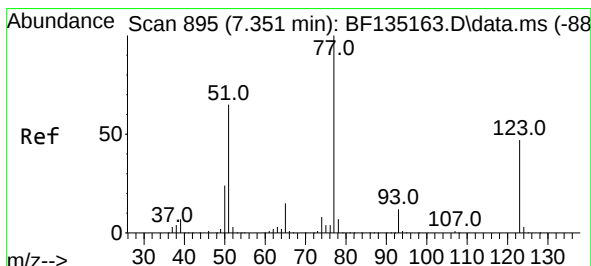
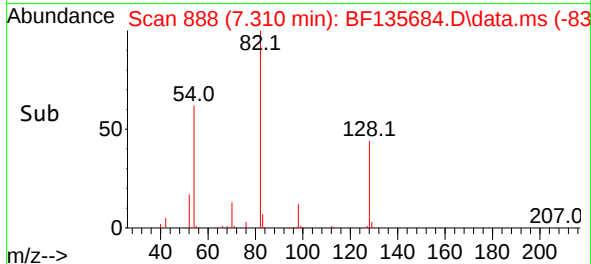
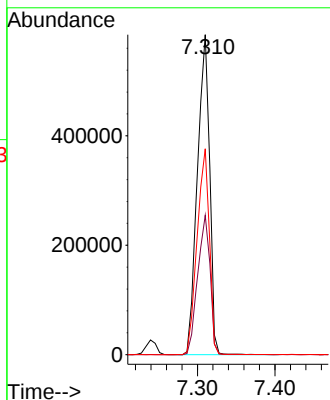
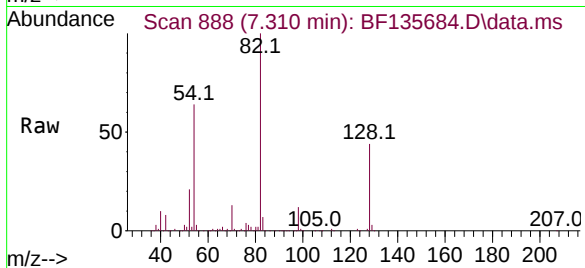
Tgt Ion: 82 Resp: 642358

Ion Ratio Lower Upper

82 100

128 43.5 35.8 53.6

54 64.3 50.6 76.0



#24

Nitrobenzene

Concen: 46.315 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

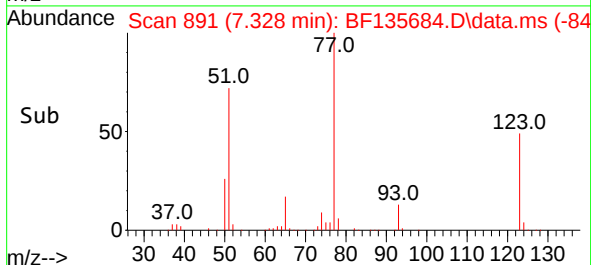
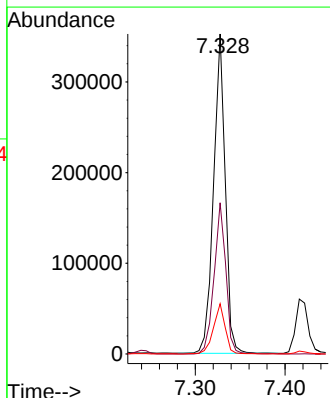
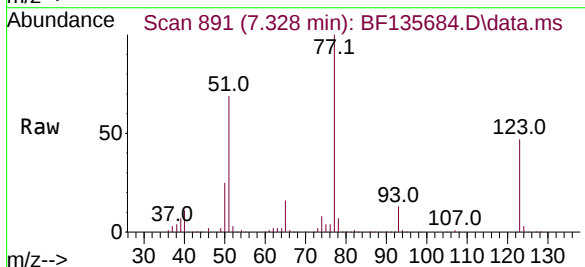
Tgt Ion: 77 Resp: 318801

Ion Ratio Lower Upper

77 100

123 47.3 37.6 56.4

65 15.7 12.2 18.4

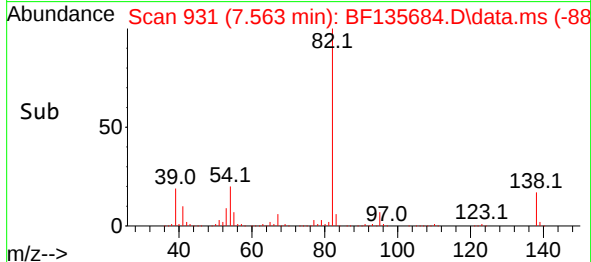
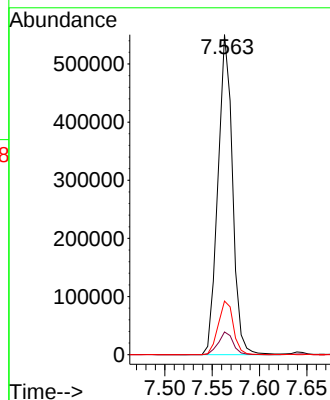
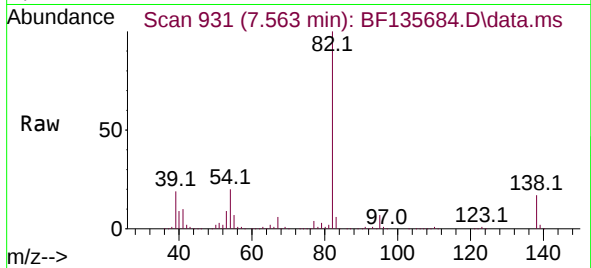




#25
Isophorone
Concen: 46.092 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

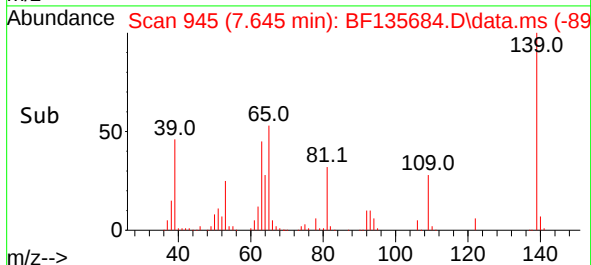
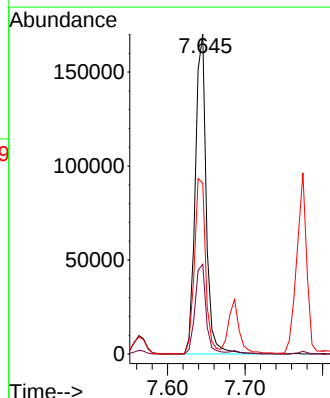
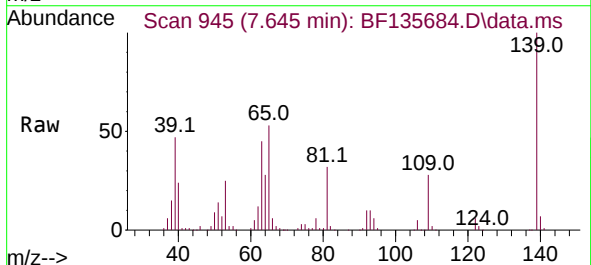
Instrument :
BNA_F
ClientSampleId :
PB156207BS

Tgt Ion: 82 Resp: 589417
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 16.8 14.5 21.7



#26
2-Nitrophenol
Concen: 50.560 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion: 139 Resp: 167030
Ion Ratio Lower Upper
139 100
109 28.0 22.6 33.8
65 53.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.603 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135684.D

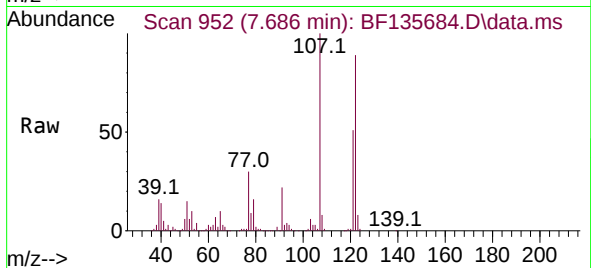
Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS



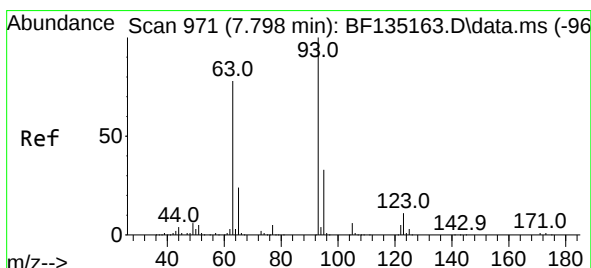
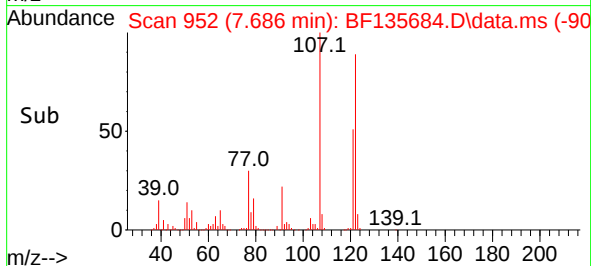
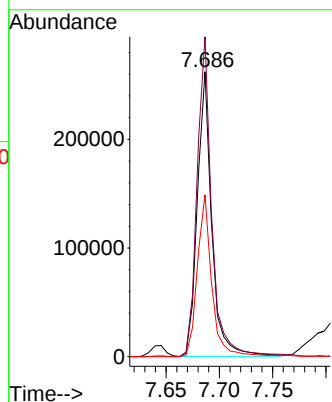
Tgt Ion:122 Resp: 247677

Ion Ratio Lower Upper

122 100

107 112.3 90.2 135.4

121 56.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 47.168 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

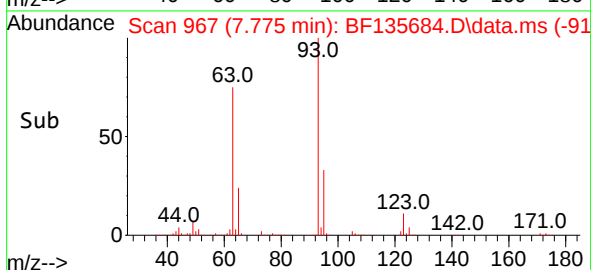
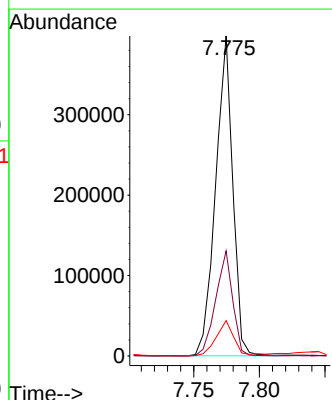
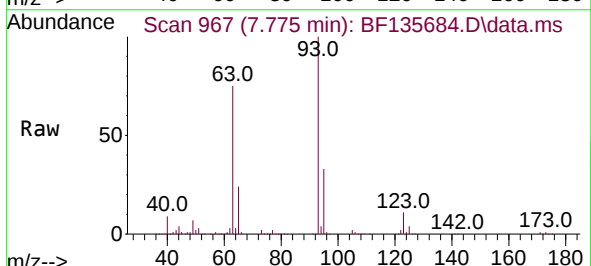
Tgt Ion: 93 Resp: 361023

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

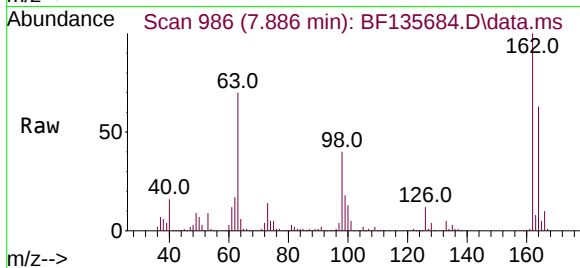
123 11.1 8.8 13.2



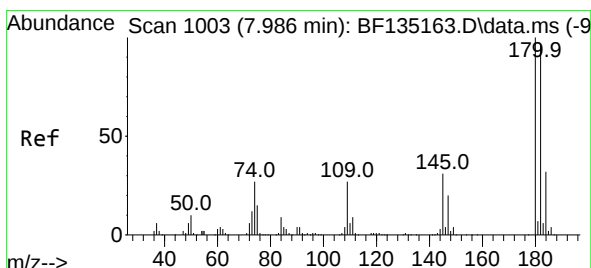
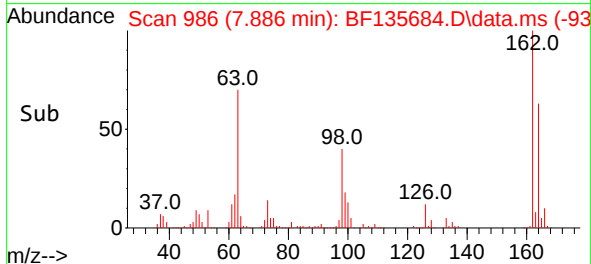
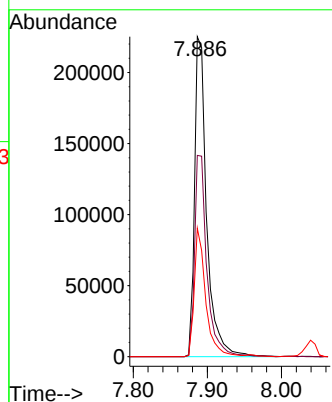


#29
2,4-Dichlorophenol
Concen: 49.812 ng
RT: 7.886 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Instrument :
BNA_F
ClientSampleId :
PB156207BS

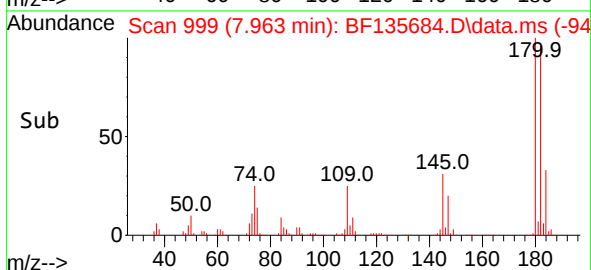
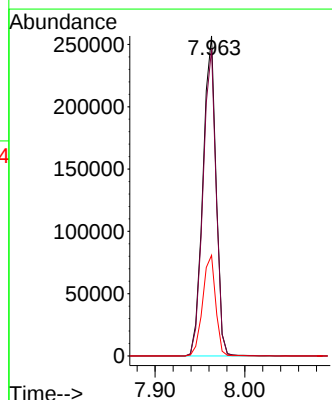
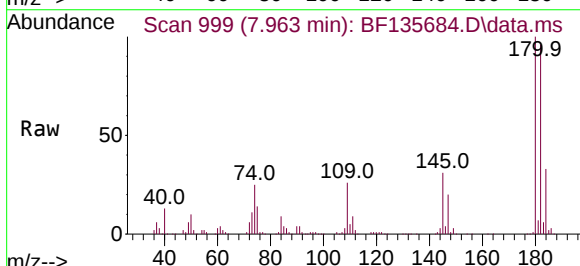


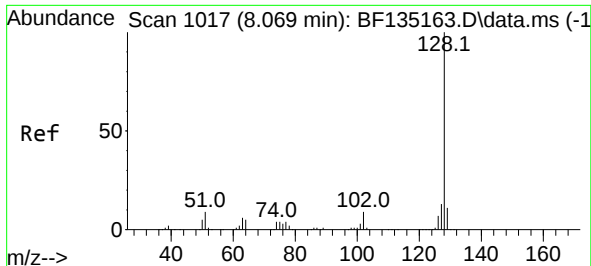
Tgt Ion:162 Resp: 256305
Ion Ratio Lower Upper
162 100
164 62.9 44.1 84.1
98 40.1 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 48.488 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:180 Resp: 260779
Ion Ratio Lower Upper
180 100
182 95.9 76.9 115.3
145 31.5 24.5 36.7

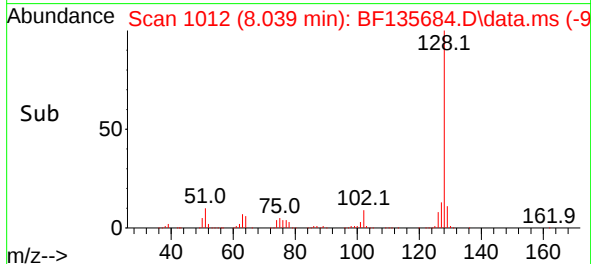
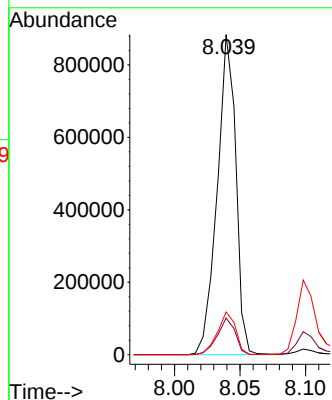
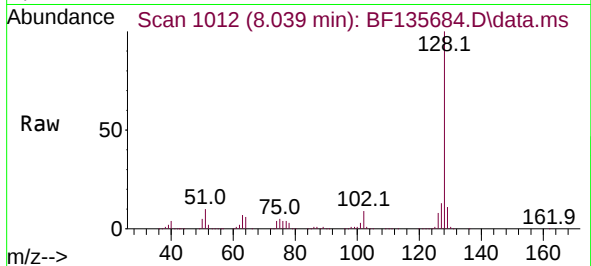




#31
Naphthalene
Concen: 47.423 ng
RT: 8.039 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

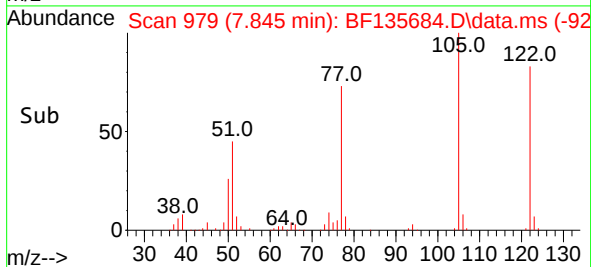
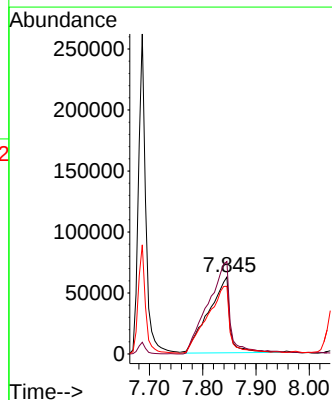
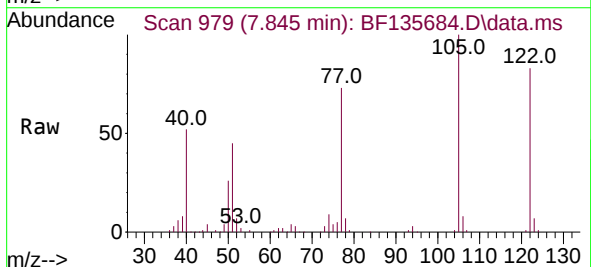
Instrument :
BNA_F
ClientSampleId :
PB156207BS

Tgt Ion:128 Resp: 871790
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 41.771 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:122 Resp: 174662
Ion Ratio Lower Upper
122 100
105 120.2 99.9 139.9
77 88.0 70.0 110.0

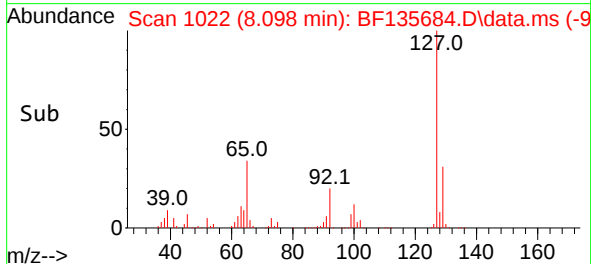
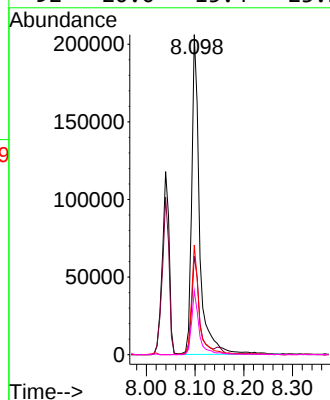
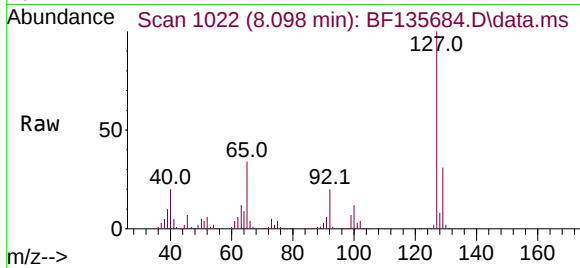




#33
4-Chloroaniline
Concen: 28.946 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

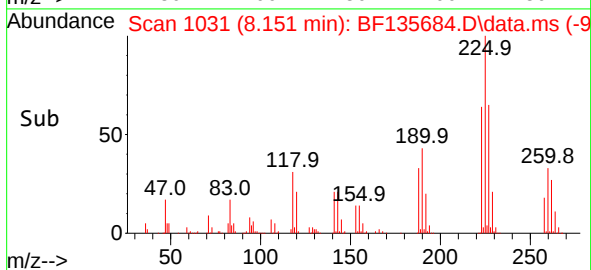
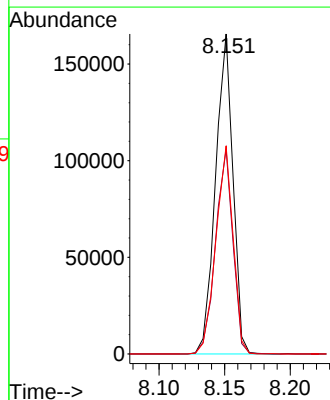
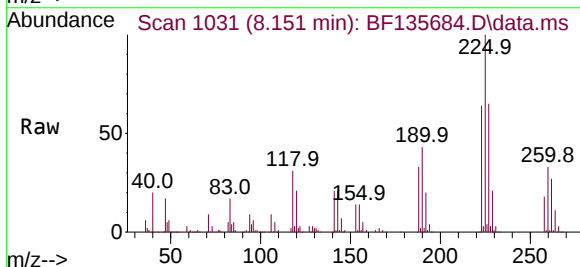
Instrument :
BNA_F
ClientSampleId :
PB156207BS

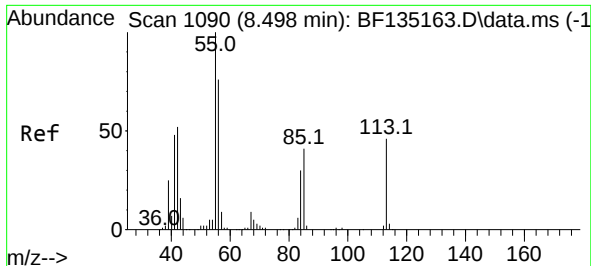
Tgt Ion:127	Resp: 233466
Ion Ratio	Lower Upper
127 100	
129 30.8	25.8 38.8
65 34.2	26.6 39.8
92 20.0	15.4 23.2



#34
Hexachlorobutadiene
Concen: 47.051 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:225	Resp: 152584
Ion Ratio	Lower Upper
225 100	
223 64.0	50.6 75.8
227 65.1	50.8 76.2

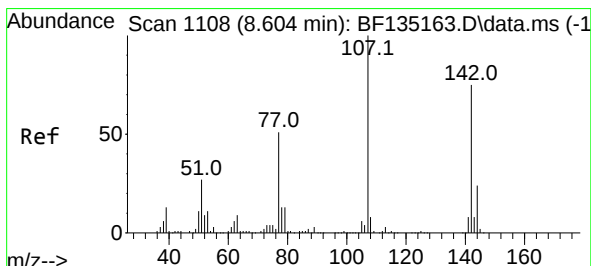
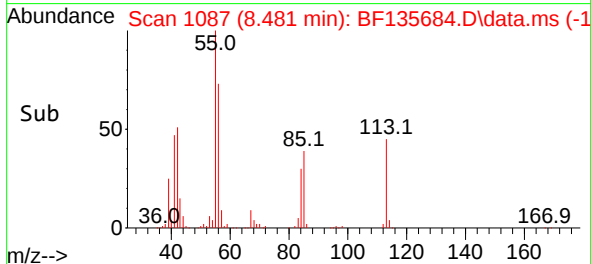
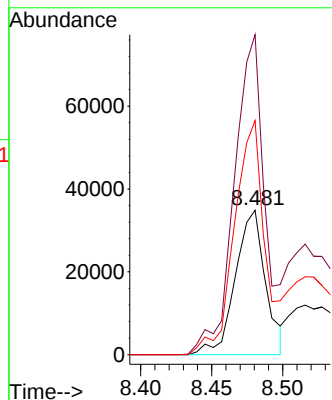
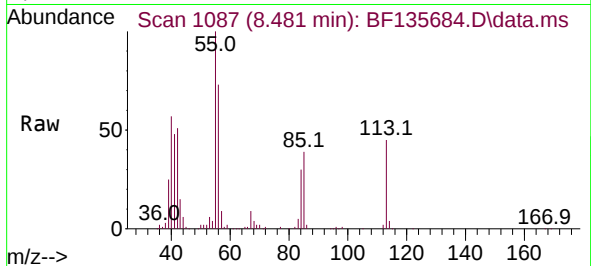




#35
Caprolactam
Concen: 29.831 ng
RT: 8.481 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

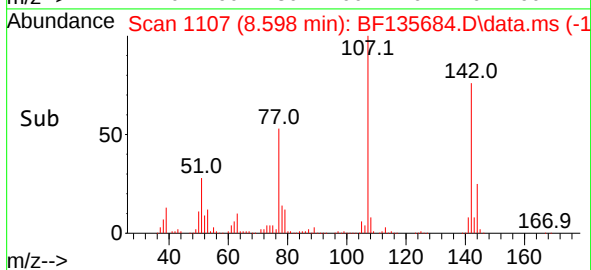
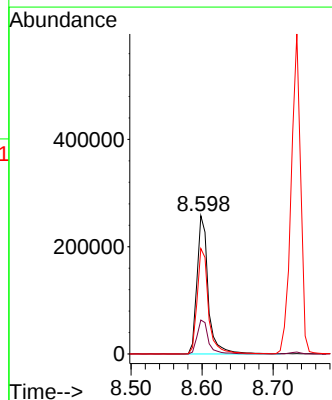
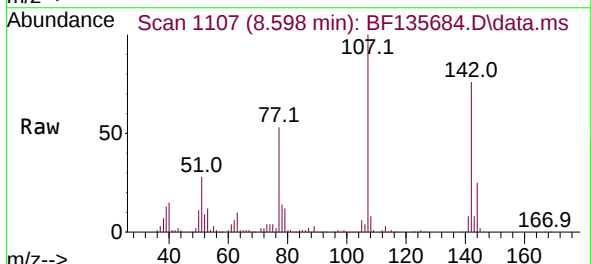
Instrument :
BNA_F
ClientSampleId :
PB156207BS

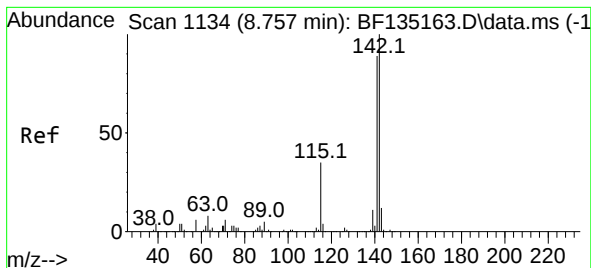
Tgt Ion:113 Resp: 51515
Ion Ratio Lower Upper
113 100
55 221.4 199.3 239.3
56 162.0 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 49.675 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:107 Resp: 284079
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.4
142 76.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.968 ng

RT: 8.733 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

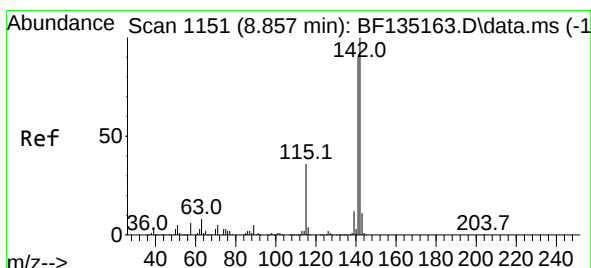
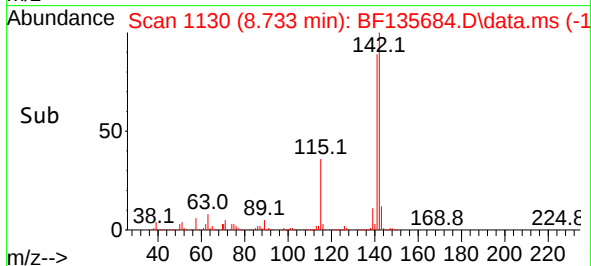
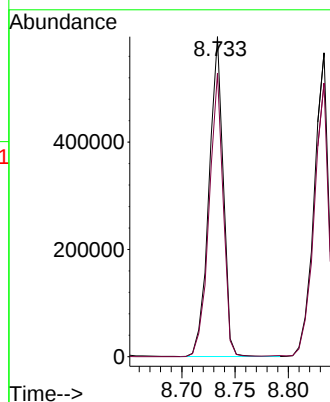
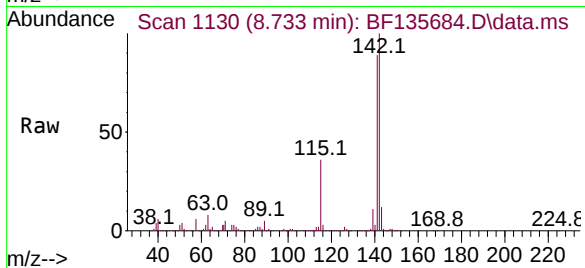
PB156207BS

Tgt Ion:142 Resp: 555668

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.6



#38

1-Methylnaphthalene

Concen: 45.956 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF135684.D

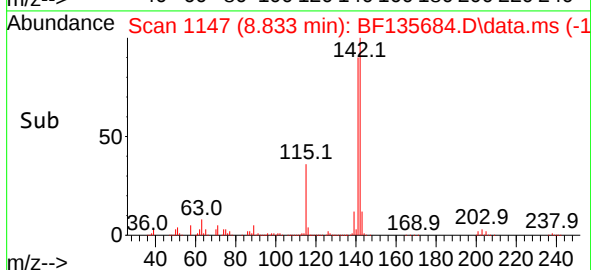
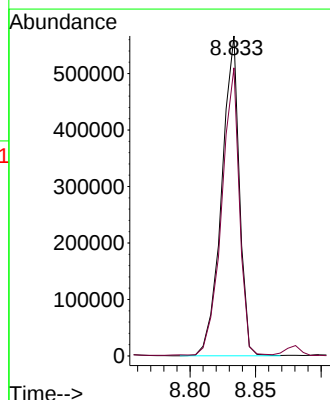
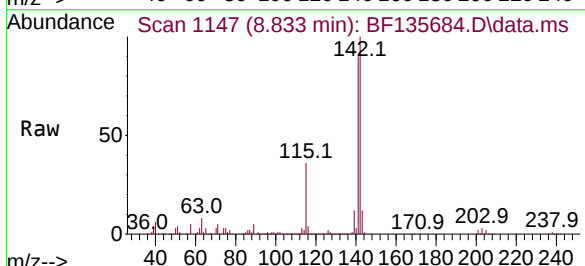
Acq: 10 Oct 2023 14:52

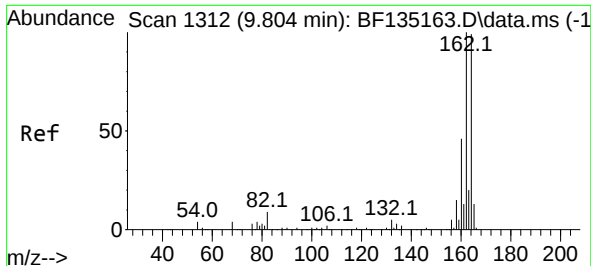
Tgt Ion:142 Resp: 531669

Ion Ratio Lower Upper

142 100

141 90.0 72.4 108.6

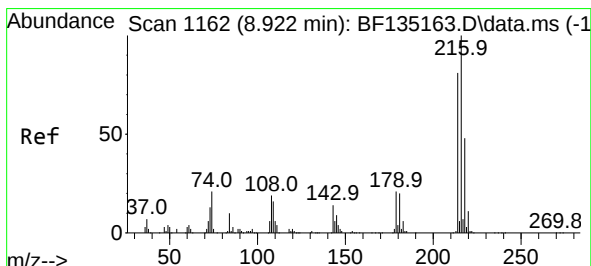
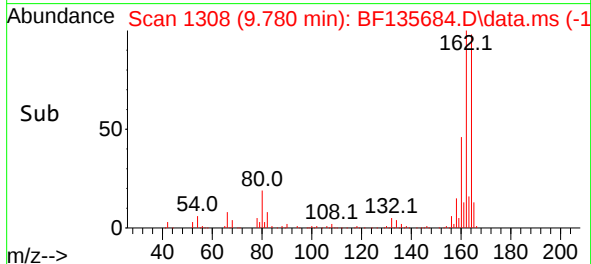
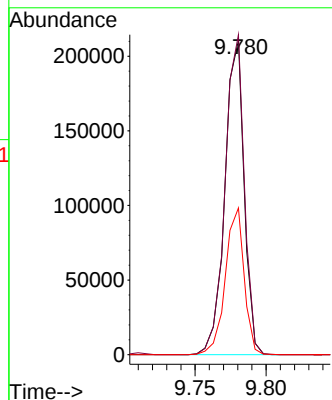
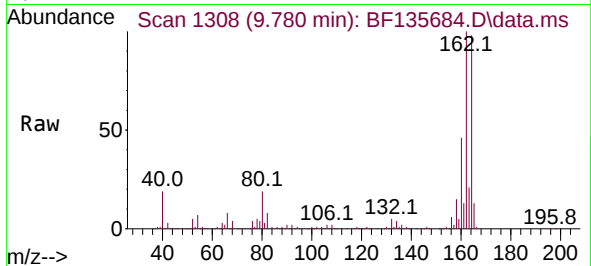




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

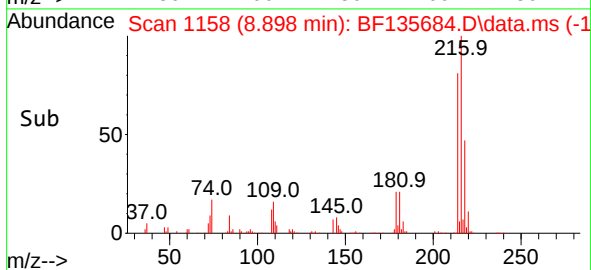
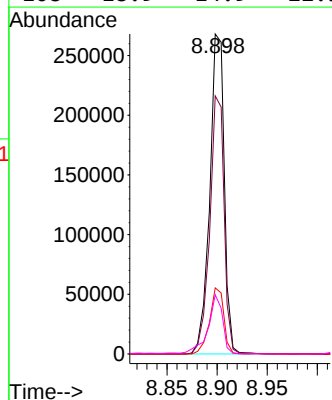
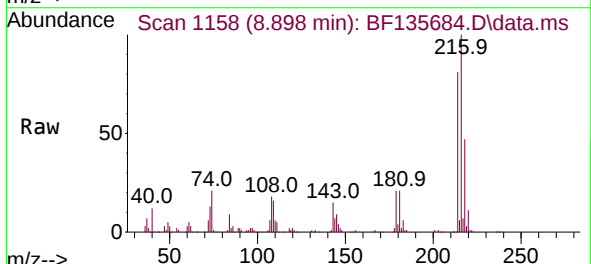
Instrument :
BNA_F
ClientSampleId :
PB156207BS

Tgt Ion:164 Resp: 197882
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.4
160 46.7 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.148 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:216 Resp: 270293
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 20.2 16.7 25.1
108 18.9 14.9 22.3

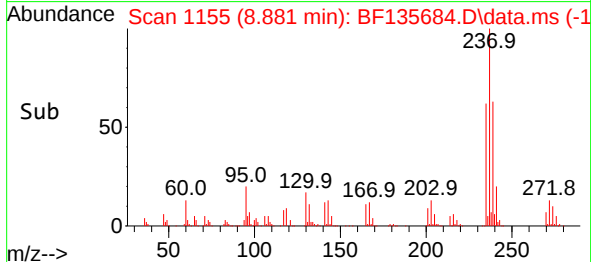
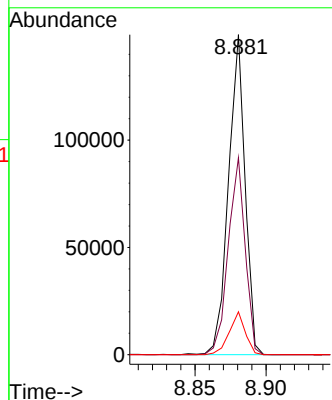
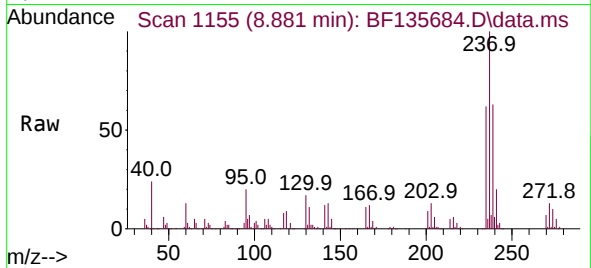




#41
Hexachlorocyclopentadiene
Concen: 51.029 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

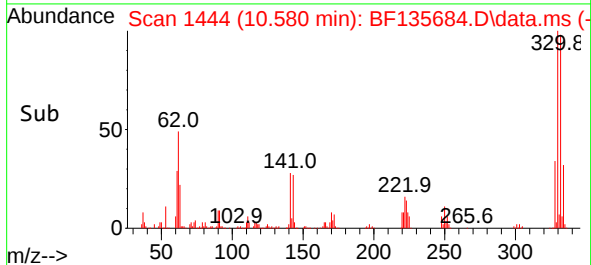
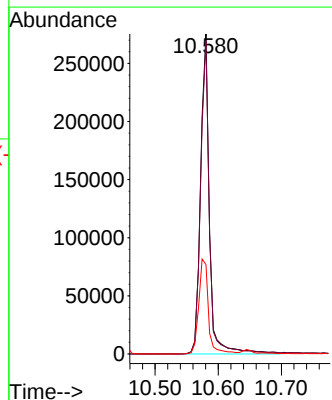
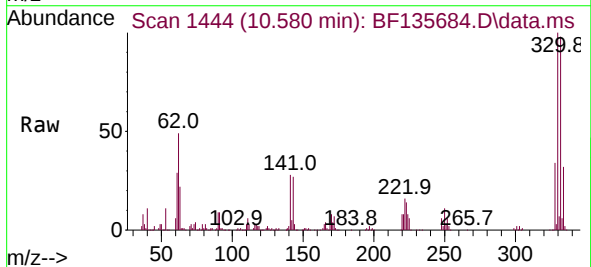
Instrument :
BNA_F
ClientSampleId :
PB156207BS

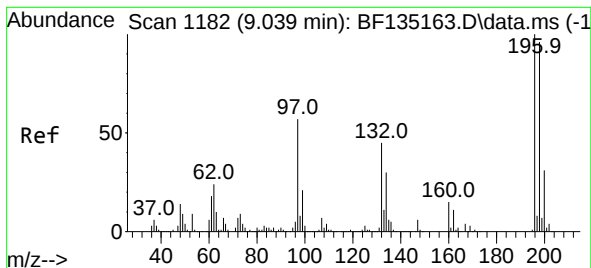
Tgt Ion:237 Resp: 121460
Ion Ratio Lower Upper
237 100
235 61.5 41.8 81.8
272 13.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 135.622 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:330 Resp: 266696
Ion Ratio Lower Upper
330 100
332 99.2 77.3 115.9
141 32.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 45.432 ng

RT: 9.022 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

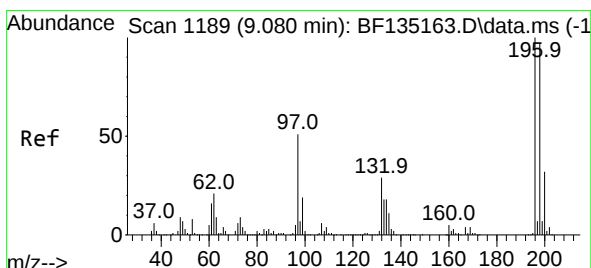
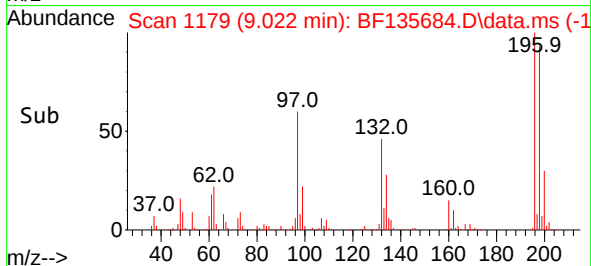
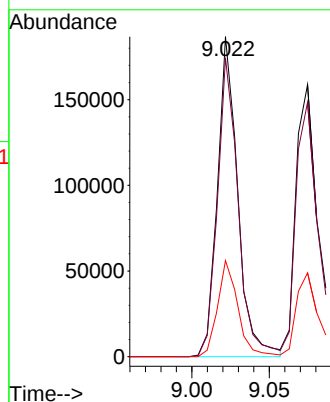
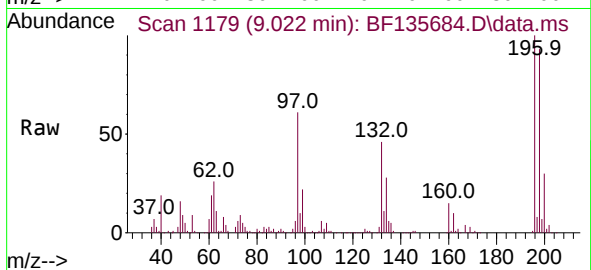
Tgt Ion:196 Resp: 170531

Ion Ratio Lower Upper

196 100

198 93.4 77.0 115.6

200 30.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 42.823 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Tgt Ion:196 Resp: 185105

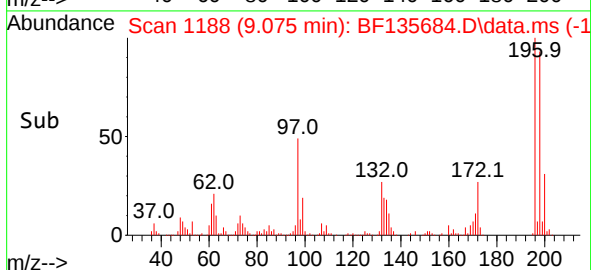
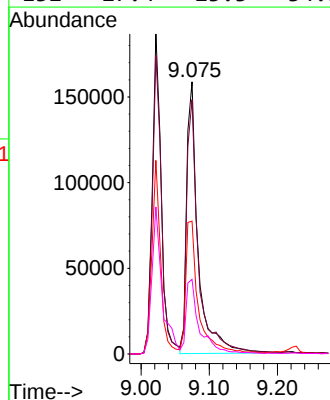
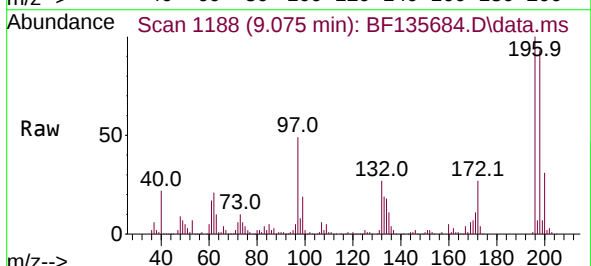
Ion Ratio Lower Upper

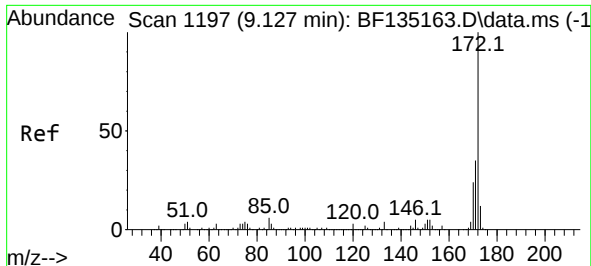
196 100

198 93.5 77.5 116.3

97 48.8 40.5 60.7

132 27.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 89.668 ng

RT: 9.098 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

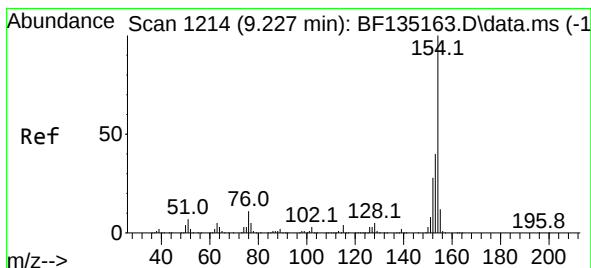
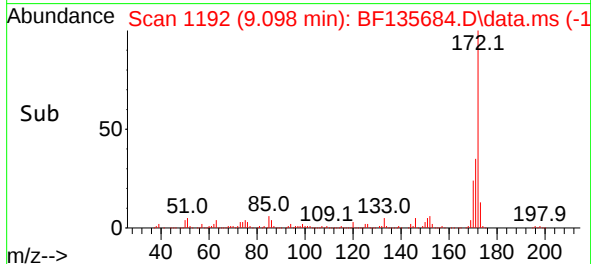
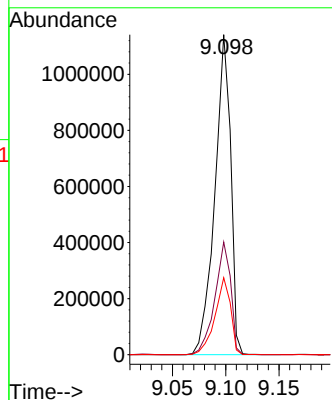
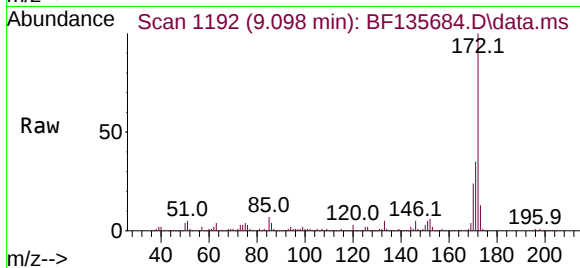
Tgt Ion:172 Resp: 1176077

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.605 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

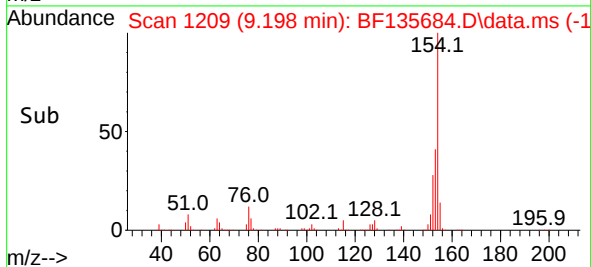
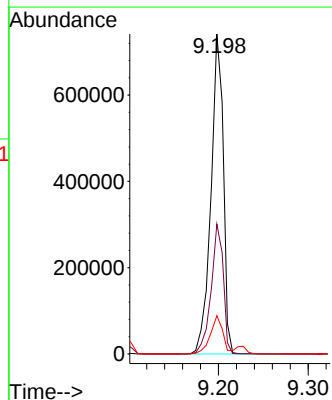
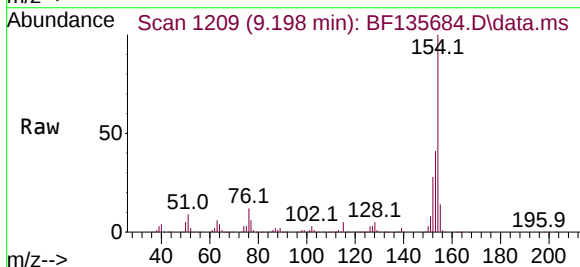
Tgt Ion:154 Resp: 708724

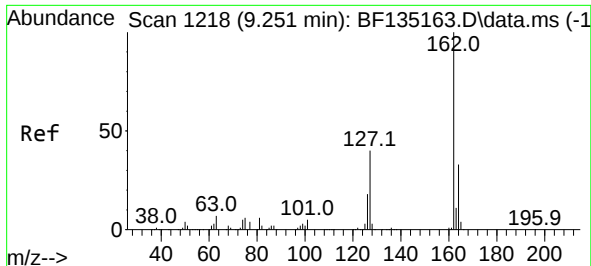
Ion Ratio Lower Upper

154 100

153 40.6 19.6 59.6

76 12.0 0.0 31.0





#47

2-Chloronaphthalene

Concen: 47.775 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

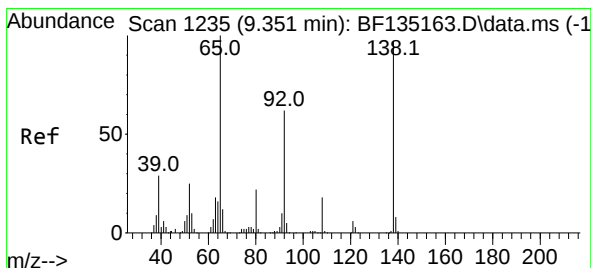
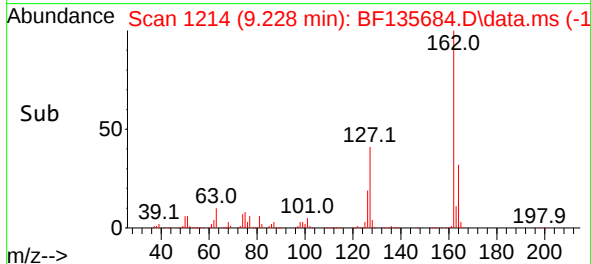
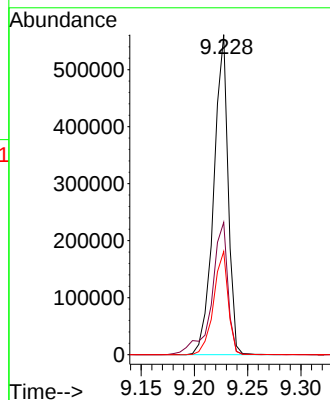
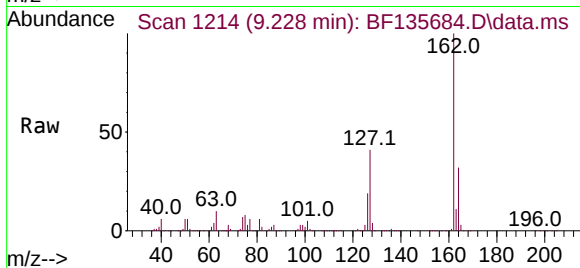
Tgt Ion:162 Resp: 527130

Ion Ratio Lower Upper

162 100

127 41.4 32.6 48.8

164 32.3 26.2 39.2



#48

2-Nitroaniline

Concen: 48.578 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

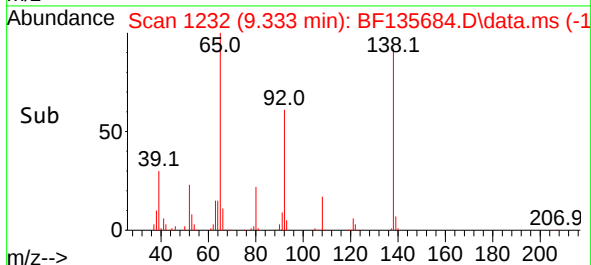
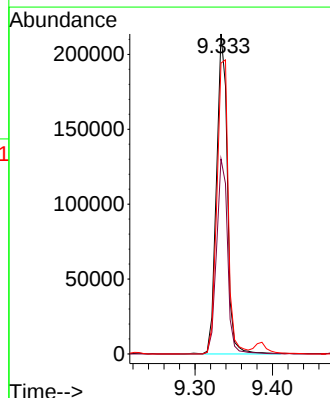
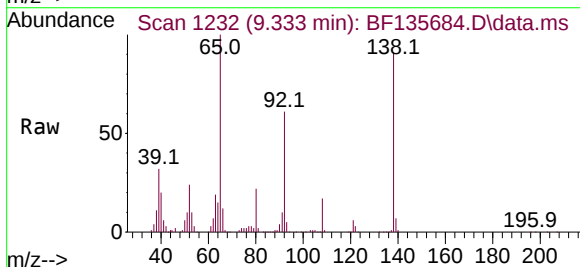
Tgt Ion: 65 Resp: 208230

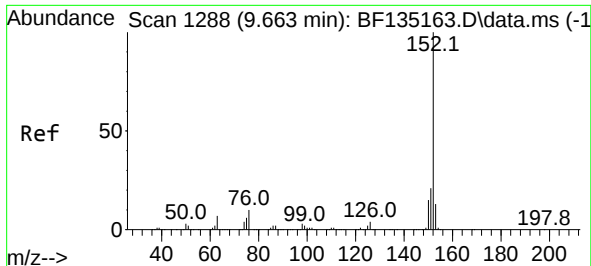
Ion Ratio Lower Upper

65 100

92 60.9 49.4 74.0

138 90.9 77.4 116.0





#49

Acenaphthylene

Concen: 46.919 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

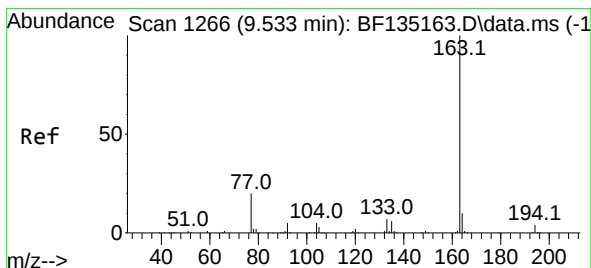
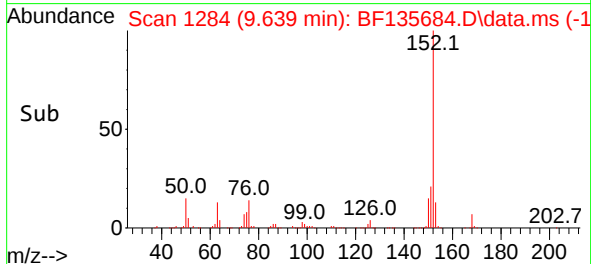
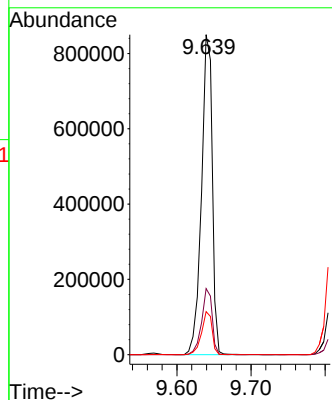
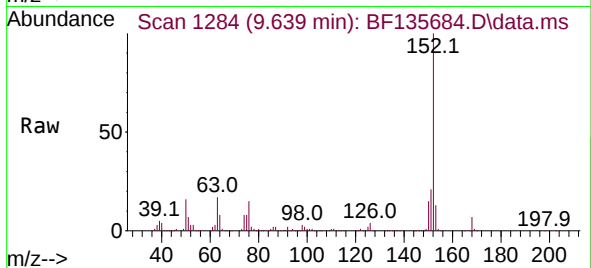
Tgt Ion:152 Resp: 860355

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 46.539 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

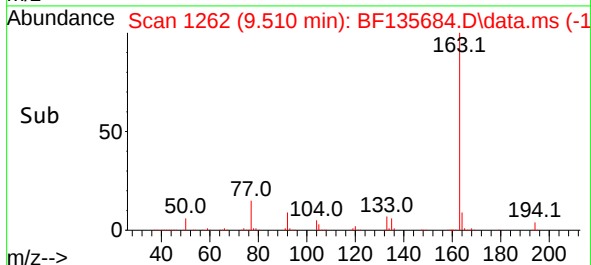
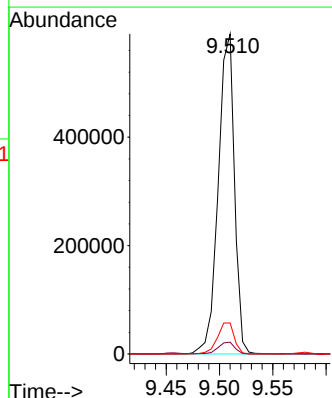
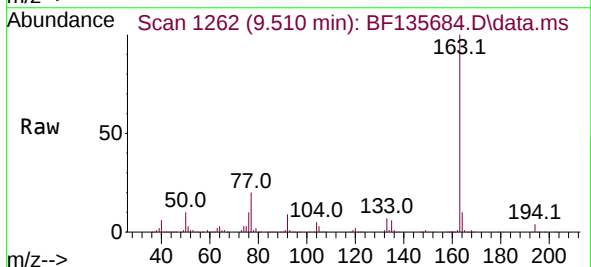
Tgt Ion:163 Resp: 622641

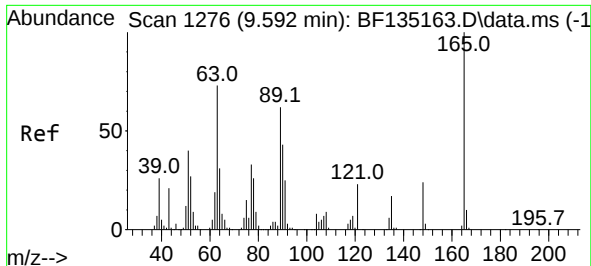
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 9.7 8.1 12.1

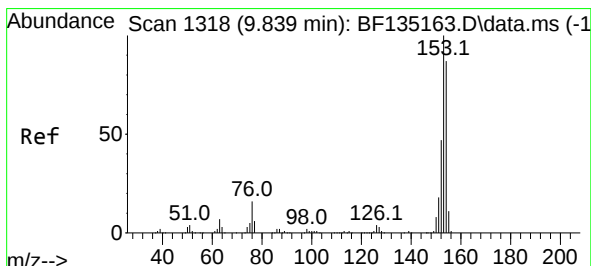
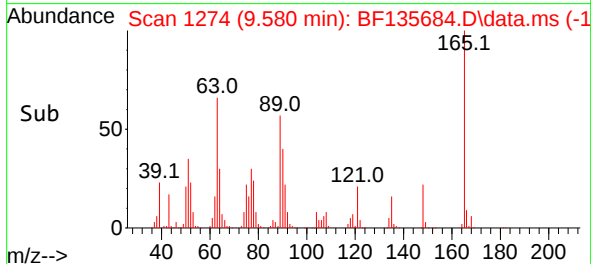
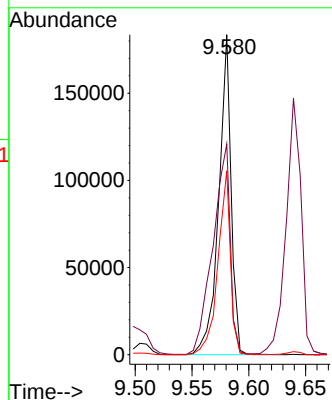
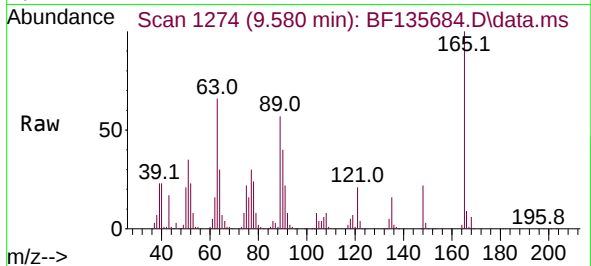




#51
2,6-Dinitrotoluene
Concen: 47.644 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

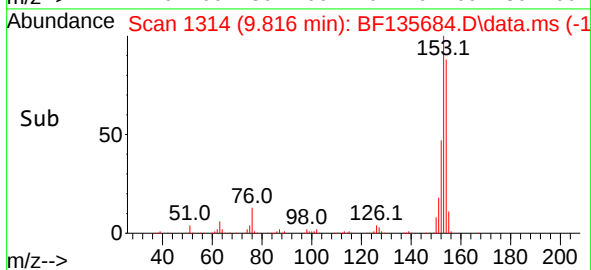
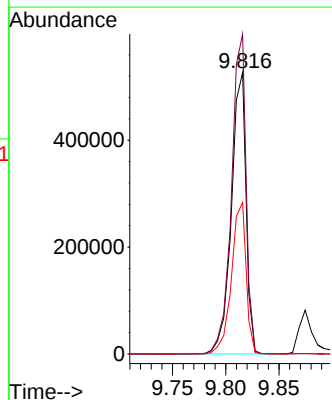
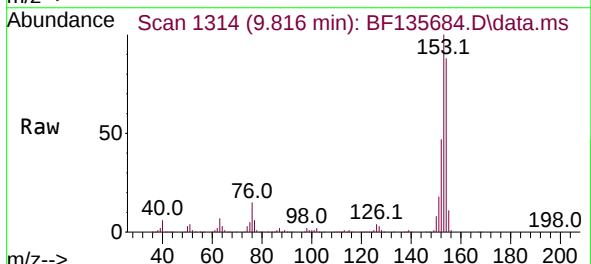
Instrument :
BNA_F
ClientSampleId :
PB156207BS

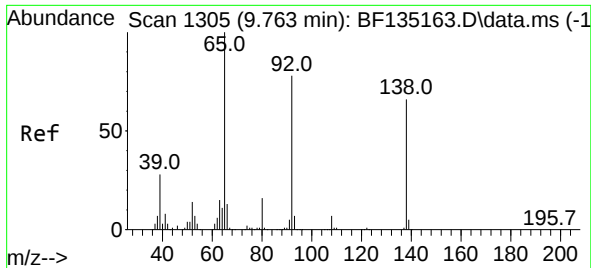
Tgt Ion:165 Resp: 139637
Ion Ratio Lower Upper
165 100
63 65.8 59.4 89.2
89 57.4 49.8 74.8



#52
Acenaphthene
Concen: 46.697 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:154 Resp: 505847
Ion Ratio Lower Upper
154 100
153 113.8 92.1 138.1
152 53.8 43.1 64.7

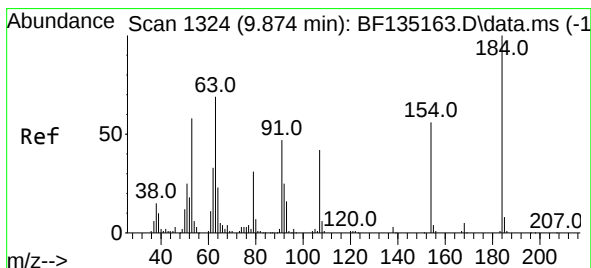
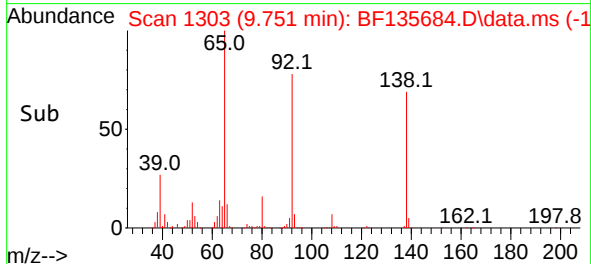
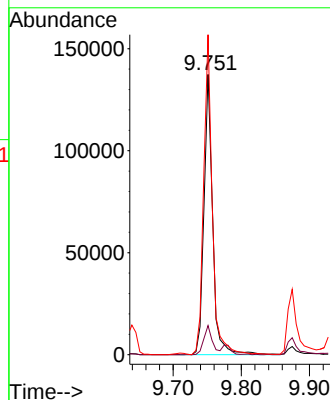
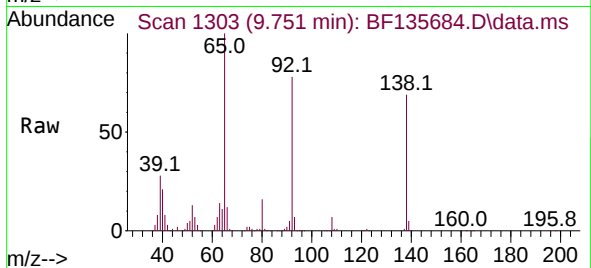




#53
3-Nitroaniline
Concen: 35.532 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

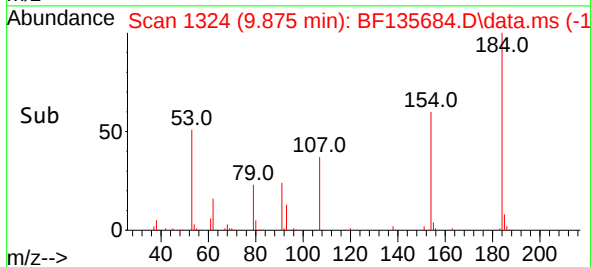
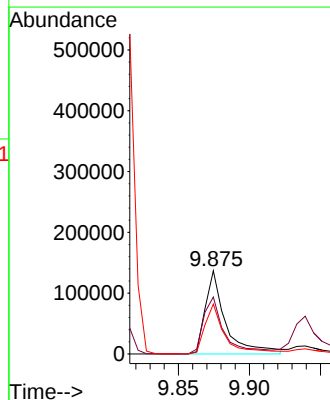
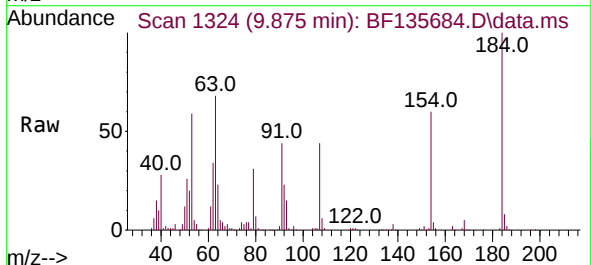
Instrument :
BNA_F
ClientSampleId :
PB156207BS

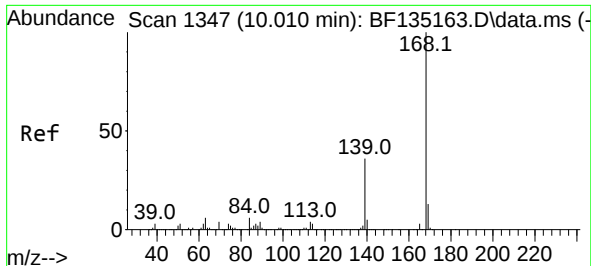
Tgt Ion:138 Resp: 122242
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 114.2 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 81.956 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:184 Resp: 136637
Ion Ratio Lower Upper
184 100
63 68.5 55.1 82.7
154 60.0 48.4 72.6

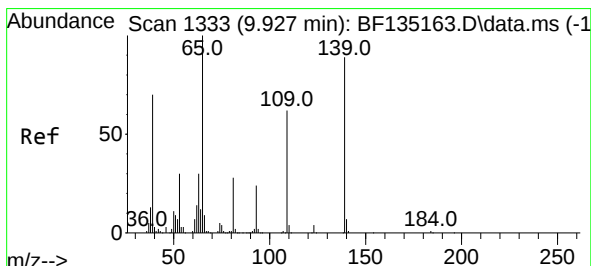
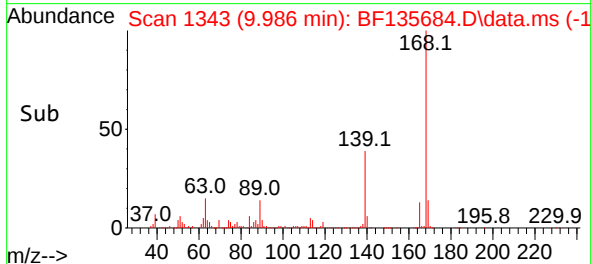
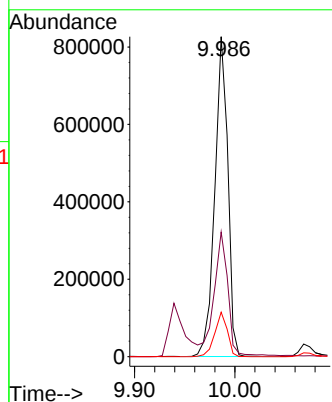
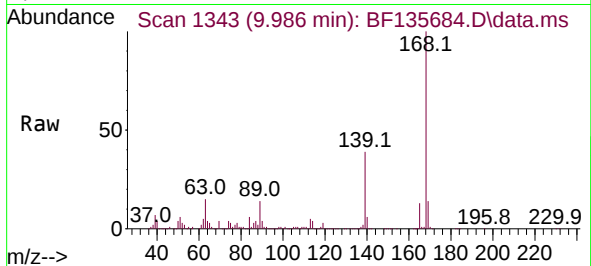




#55
Dibenzenofuran
Concen: 45.123 ng
RT: 9.986 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

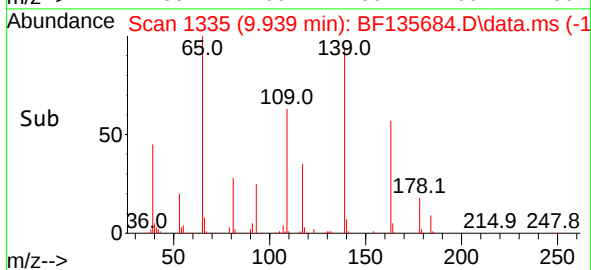
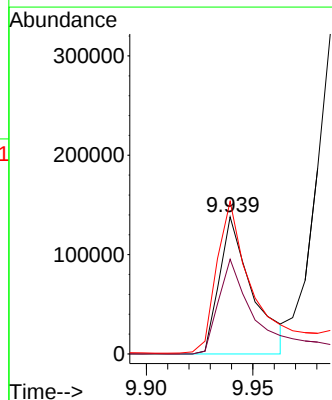
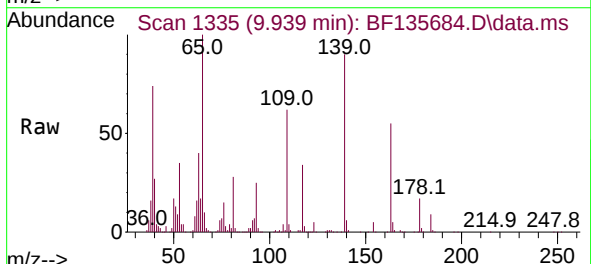
Instrument :
BNA_F
ClientSampleId :
PB156207BS

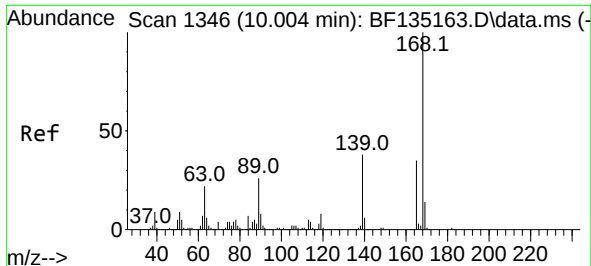
Tgt Ion:168 Resp: 745882
Ion Ratio Lower Upper
168 100
139 39.0 29.0 43.6
169 13.9 10.4 15.6



#56
4-Nitrophenol
Concen: 67.751 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:139 Resp: 148138
Ion Ratio Lower Upper
139 100
109 69.1 49.8 89.8
65 111.4 92.7 132.7

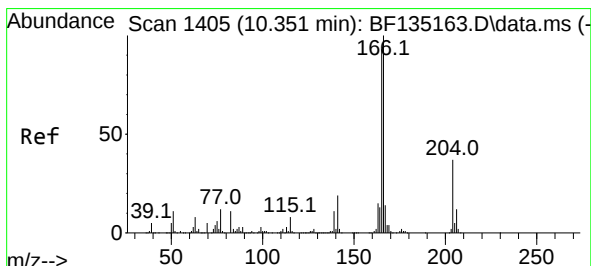
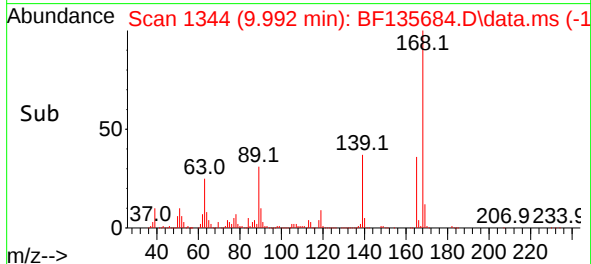
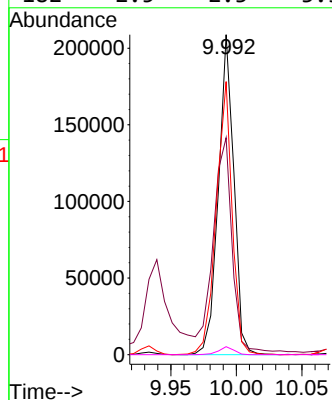
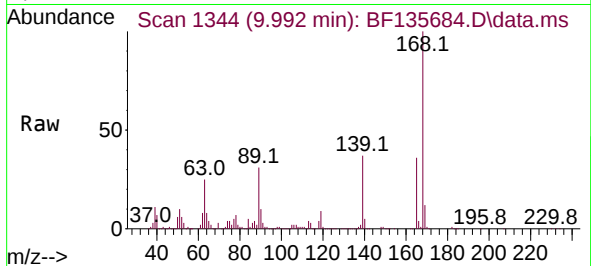




#57
2,4-Dinitrotoluene
Concen: 46.589 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

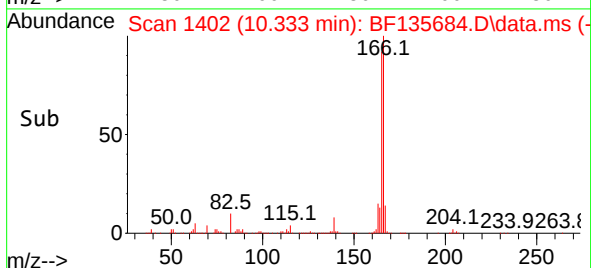
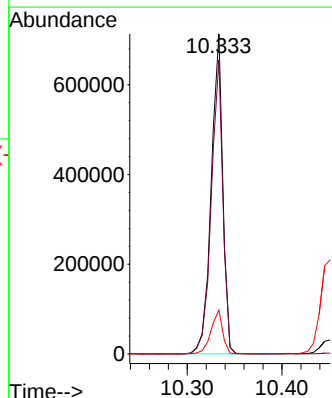
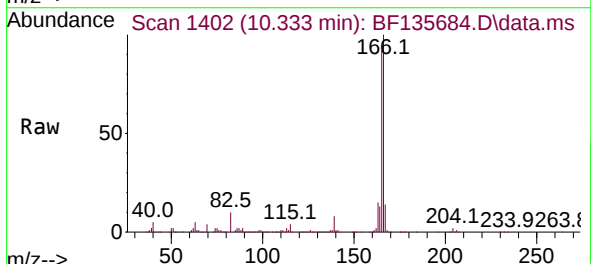
Instrument :
BNA_F
ClientSampleId :
PB156207BS

Tgt Ion:165 Resp: 170943
Ion Ratio Lower Upper
165 100
63 67.8 50.1 75.1
89 85.4 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 47.470 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:166 Resp: 603240
Ion Ratio Lower Upper
166 100
165 91.9 74.3 111.5
167 13.7 10.9 16.3

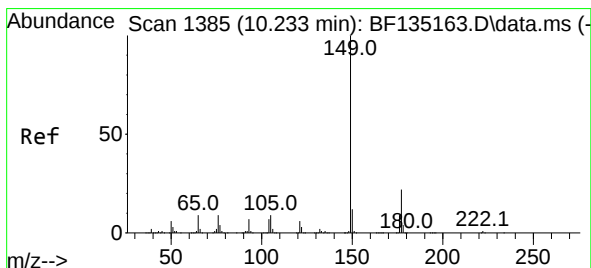
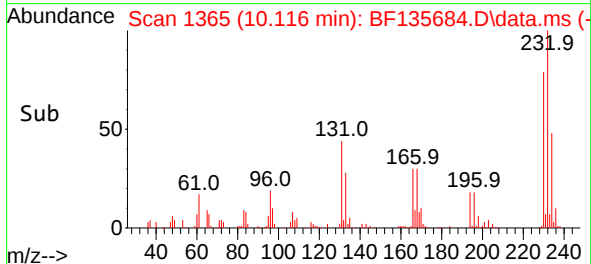
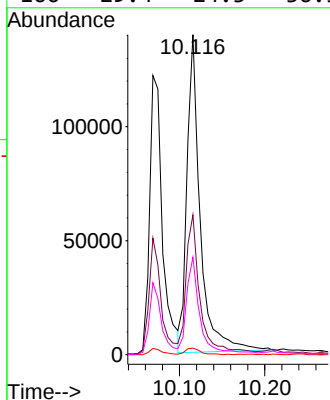
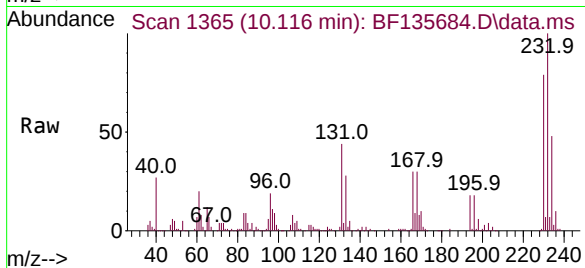




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.151 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

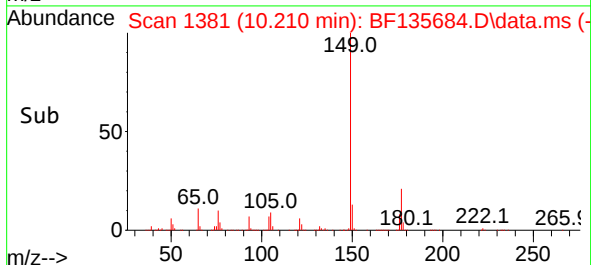
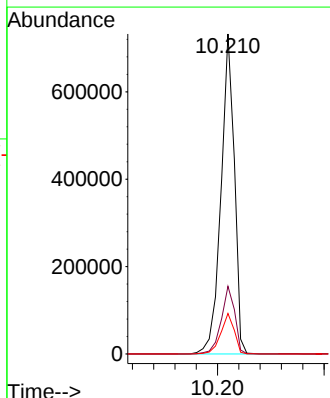
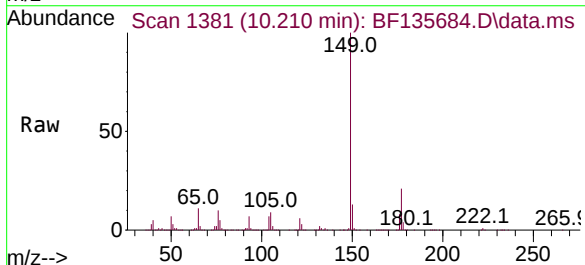
Instrument :
BNA_F
ClientSampleId :
PB156207BS

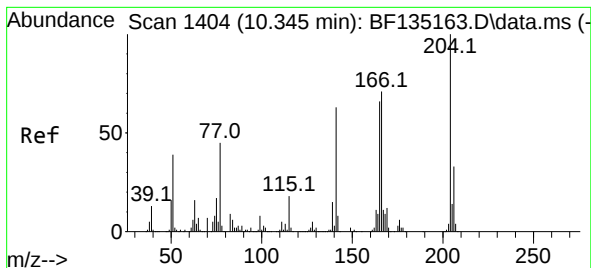
Tgt Ion:232 Resp: 150132
Ion Ratio Lower Upper
232 100
131 45.8 35.4 53.2
130 2.4 1.8 2.8
166 29.4 24.3 36.5



#60
Diethylphthalate
Concen: 47.314 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:149 Resp: 635284
Ion Ratio Lower Upper
149 100
177 21.1 17.8 26.6
150 12.7 10.0 15.0

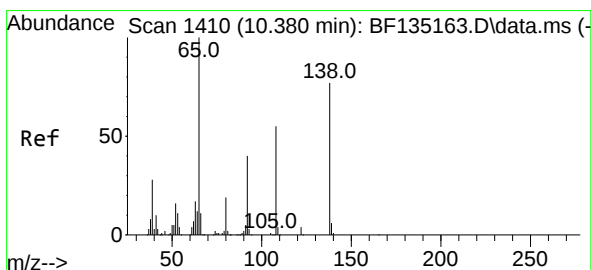
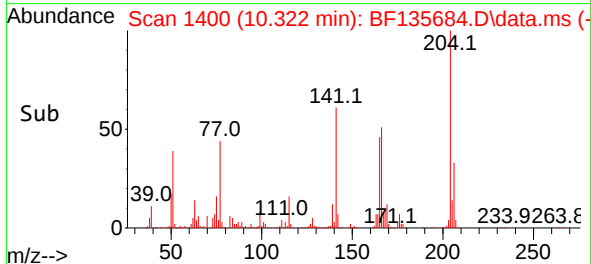
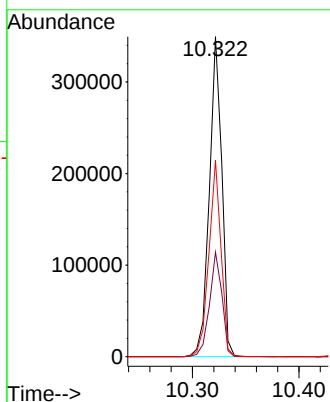
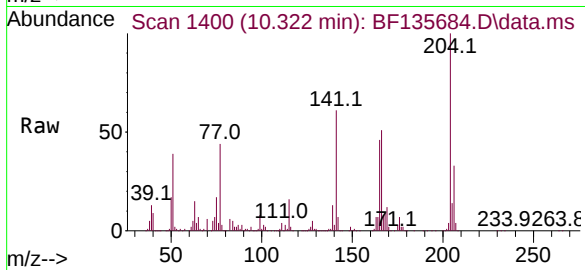




#61
4-Chlorophenyl-phenylether
Concen: 46.618 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

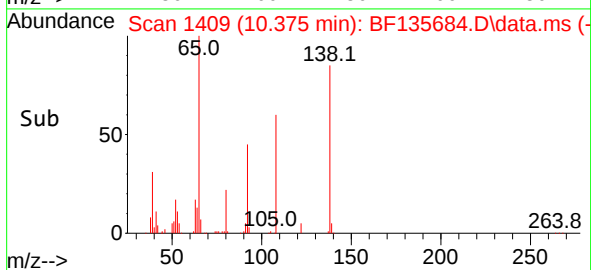
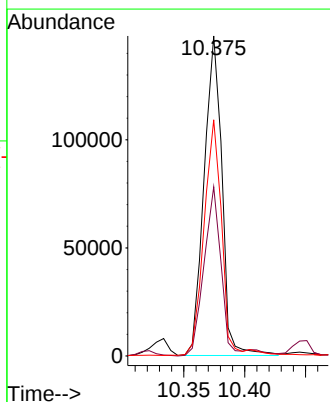
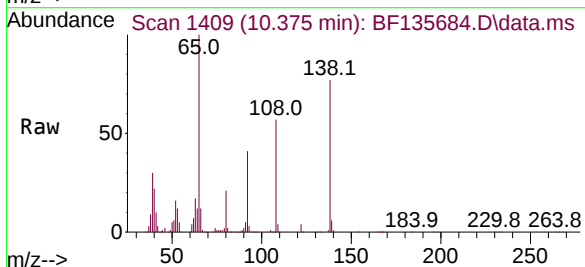
Instrument :
BNA_F
ClientSampleId :
PB156207BS

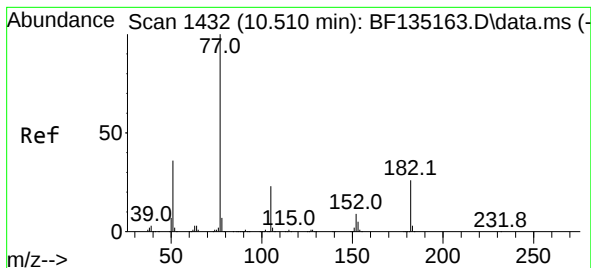
Tgt Ion:204 Resp: 284572
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 61.4 50.6 75.8



#62
4-Nitroaniline
Concen: 45.541 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:138 Resp: 150605
Ion Ratio Lower Upper
138 100
92 52.9 31.8 71.8
108 73.8 52.0 92.0





#63

Azobenzene

Concen: 46.338 ng

RT: 10.486 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

Tgt Ion: 77 Resp: 608914

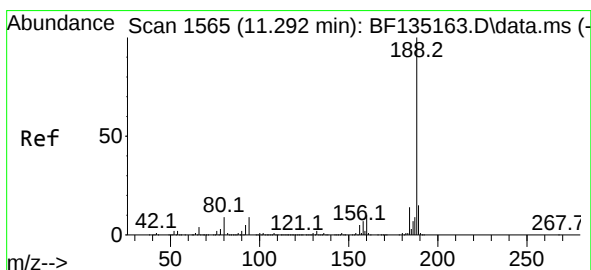
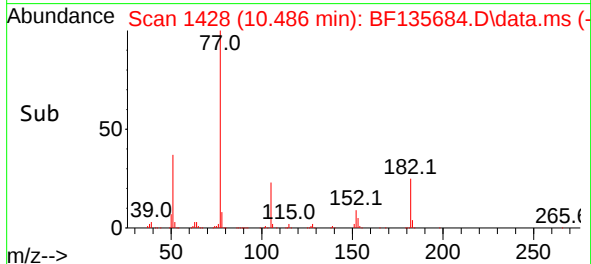
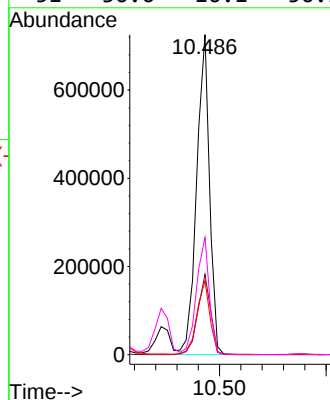
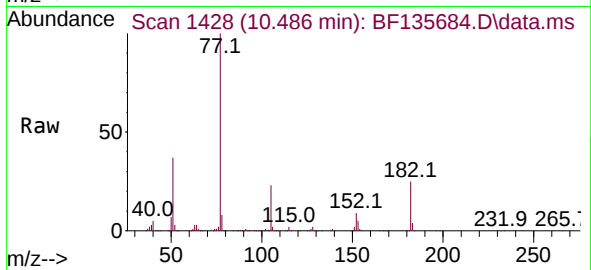
Ion Ratio Lower Upper

77 100

182 25.1 6.4 46.4

105 23.1 3.1 43.1

51 36.6 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1562

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

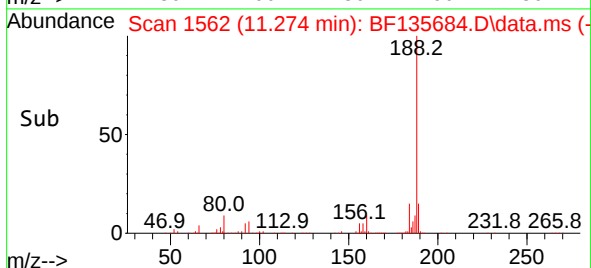
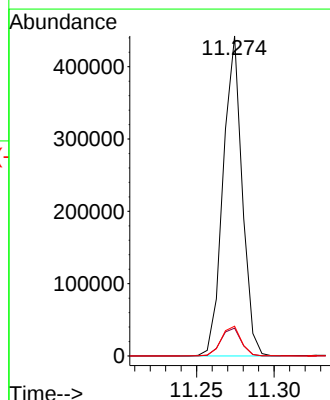
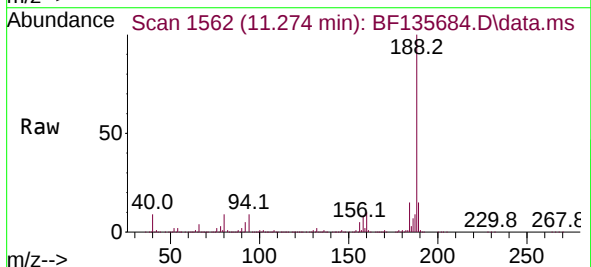
Tgt Ion: 188 Resp: 377505

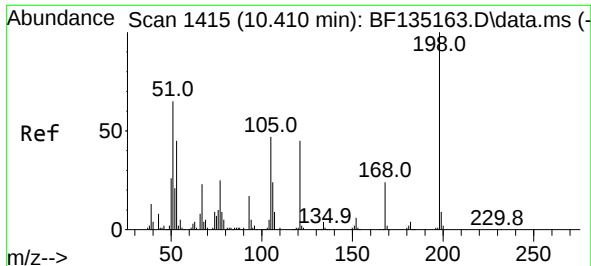
Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.3 7.5 11.3

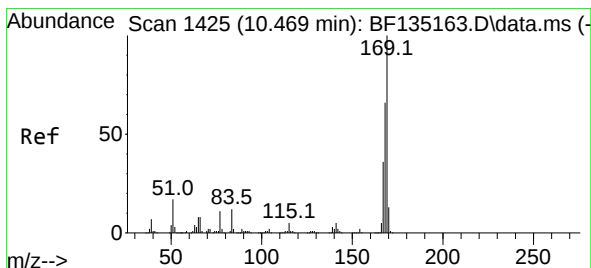
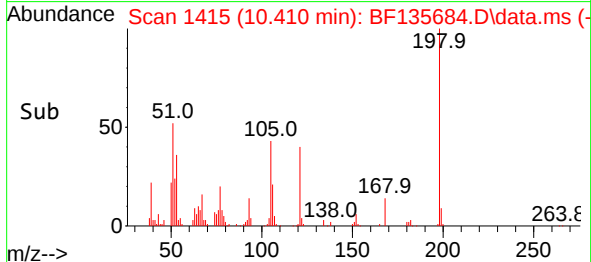
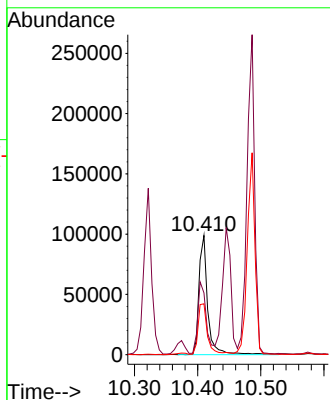
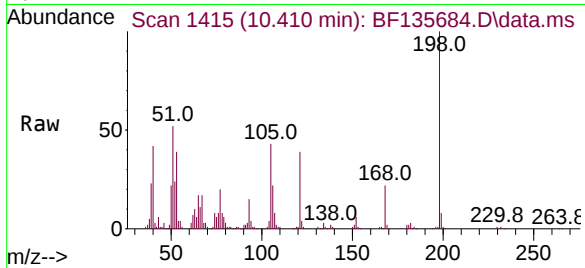




#65
4,6-Dinitro-2-methylphenol
Concen: 47.287 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

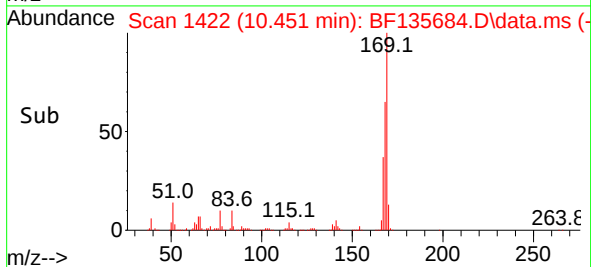
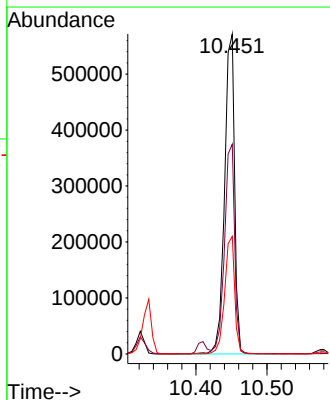
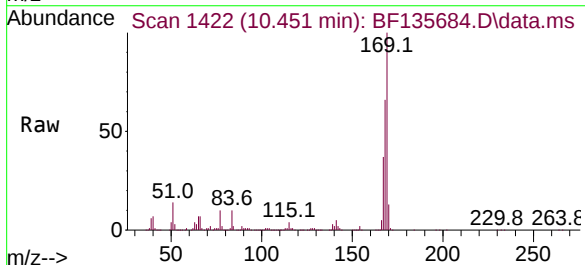
Instrument :
BNA_F
ClientSampleId :
PB156207BS

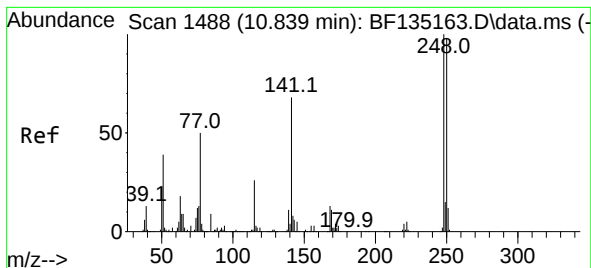
Tgt Ion:198 Resp: 94812
Ion Ratio Lower Upper
198 100
51 51.8 47.7 87.7
105 42.7 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 48.579 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:169 Resp: 555201
Ion Ratio Lower Upper
169 100
168 65.6 52.8 79.2
167 36.8 29.0 43.6

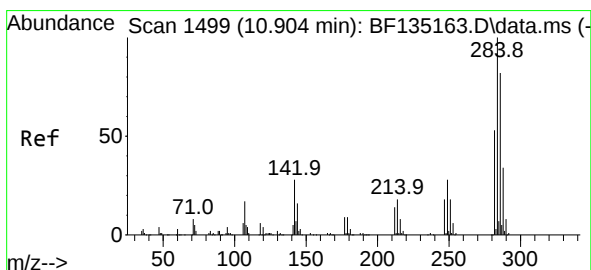
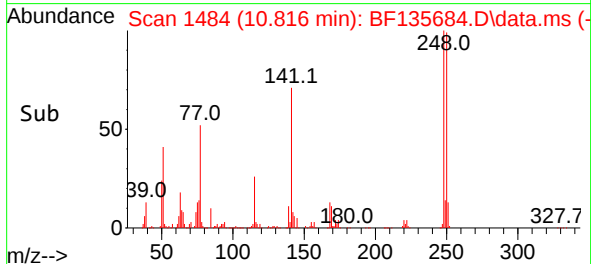
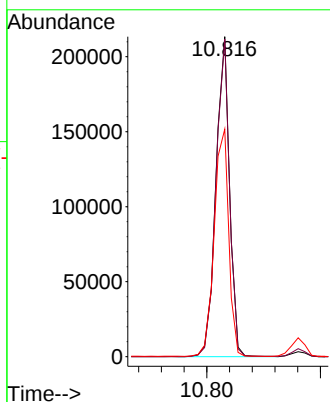
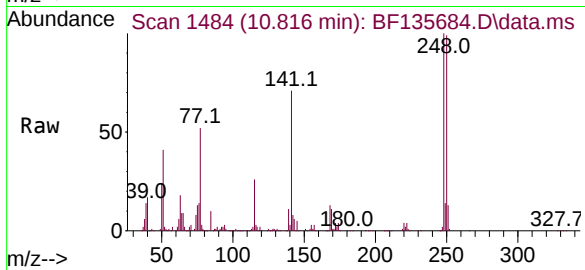




#67
4-Bromophenyl-phenylether
Concen: 47.420 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

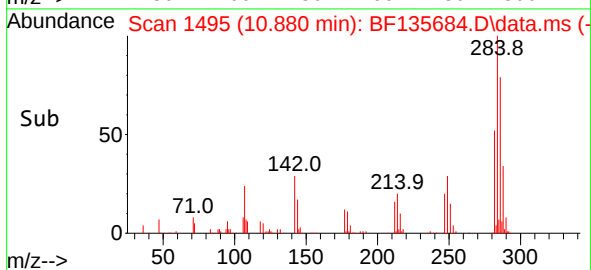
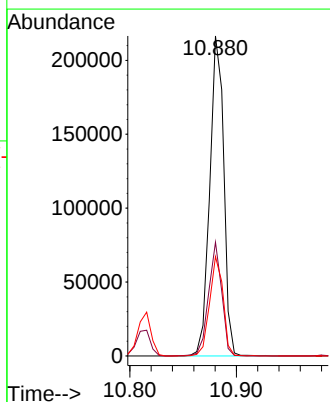
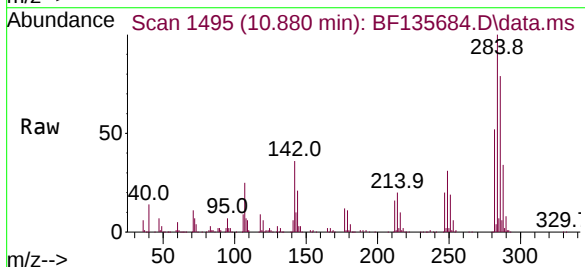
Instrument :
BNA_F
ClientSampleId :
PB156207BS

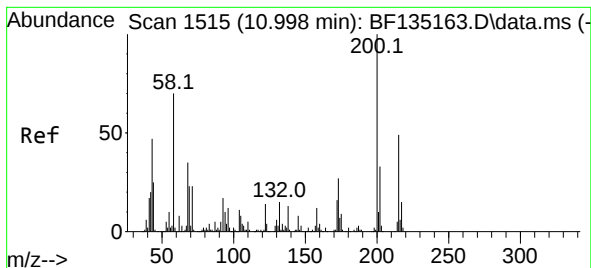
Tgt Ion:248 Resp: 178042
Ion Ratio Lower Upper
248 100
250 99.2 78.6 117.8
141 71.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 51.636 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:284 Resp: 197509
Ion Ratio Lower Upper
284 100
142 35.5 22.2 33.4#
249 31.1 22.5 33.7





#69

Atrazine

Concen: 55.242 ng

RT: 10.980 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

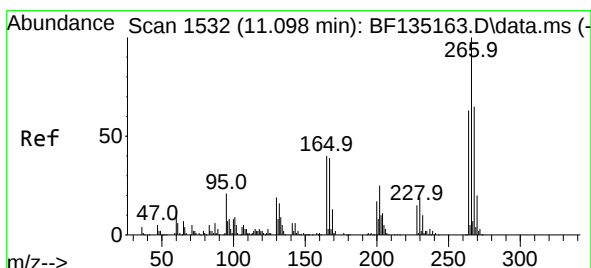
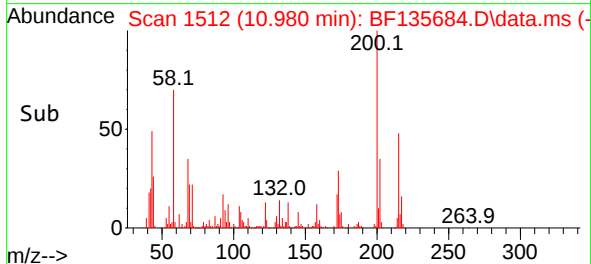
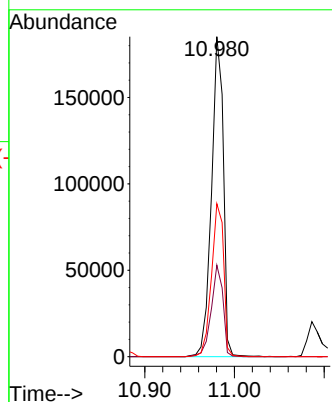
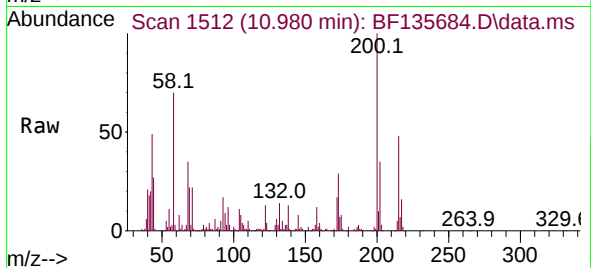
Tgt Ion:200 Resp: 169880

Ion Ratio Lower Upper

200 100

173 28.6 7.4 47.4

215 47.8 28.6 68.6



#70

Pentachlorophenol

Concen: 65.521 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

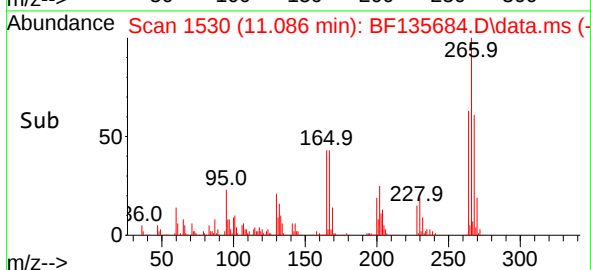
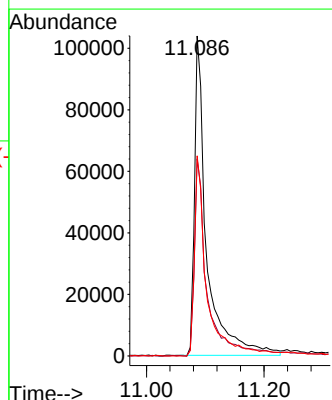
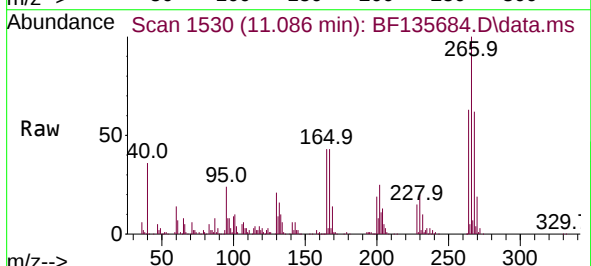
Tgt Ion:266 Resp: 149946

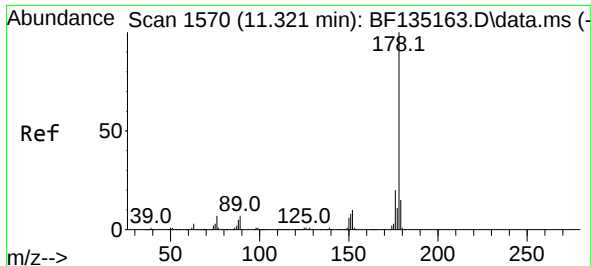
Ion Ratio Lower Upper

266 100

268 61.7 52.1 78.1

264 62.5 50.8 76.2

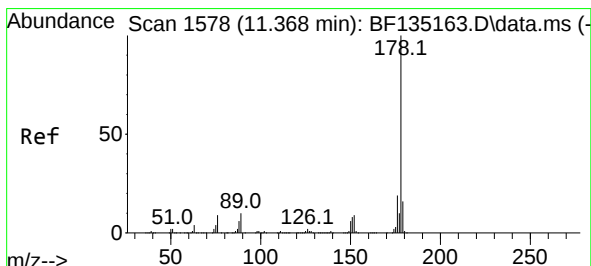
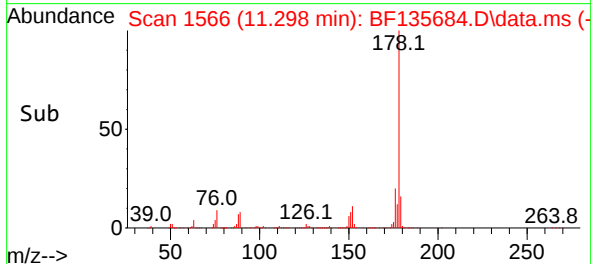
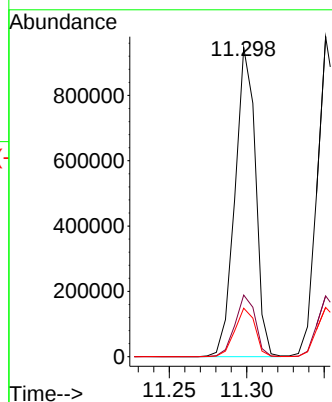
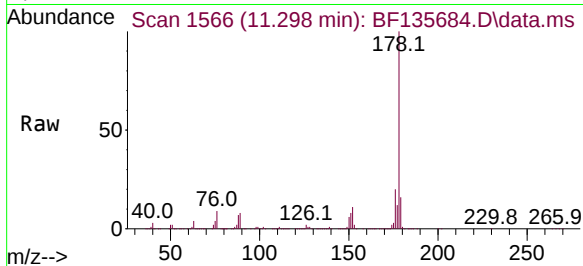




#71
Phenanthrene
Concen: 48.879 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

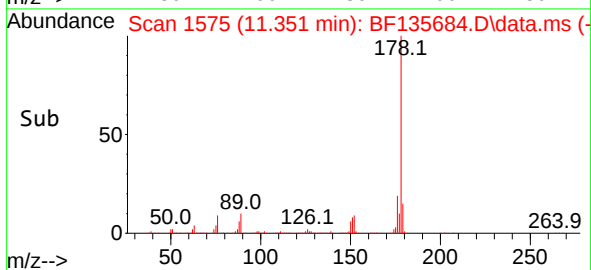
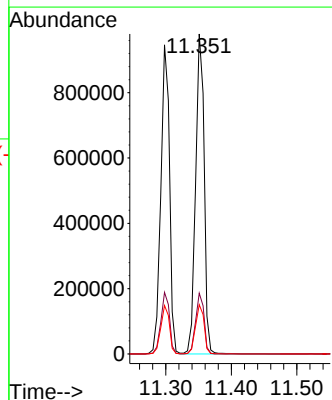
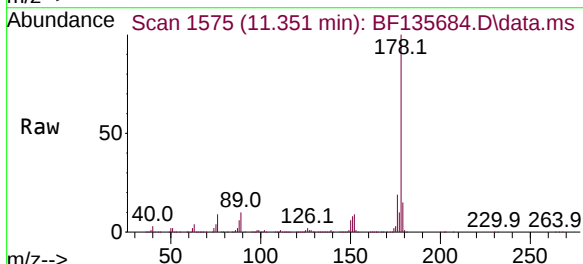
Instrument :
BNA_F
ClientSampleId :
PB156207BS

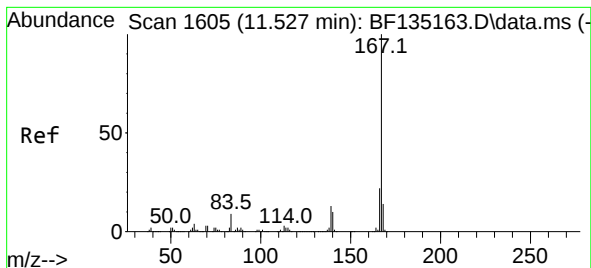
Tgt Ion:178 Resp: 872697
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.7 12.0 18.0



#72
Anthracene
Concen: 48.518 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:178 Resp: 890415
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.6 19.0





#73

Carbazole

Concen: 50.192 ng

RT: 11.516 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

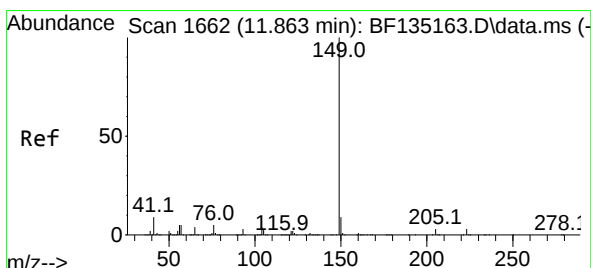
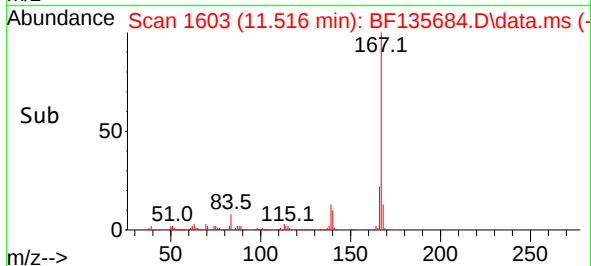
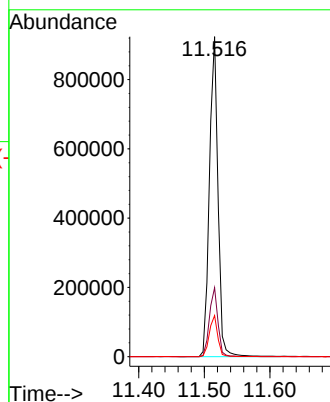
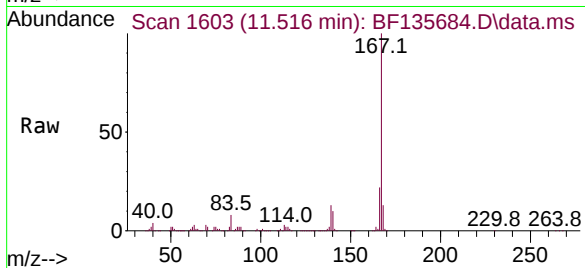
Tgt Ion:167 Resp: 838532

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 12.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 49.887 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

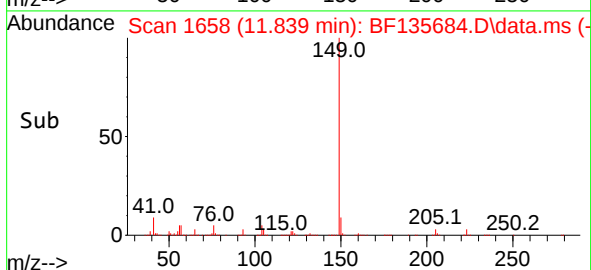
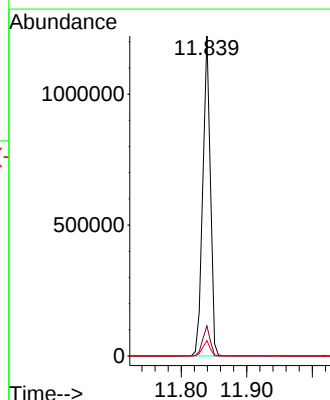
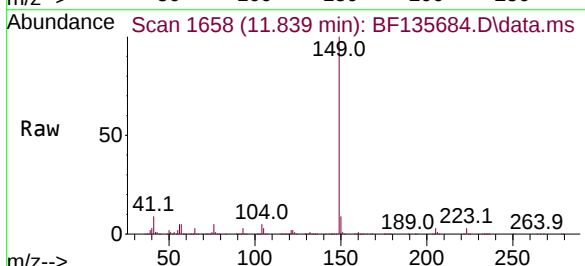
Tgt Ion:149 Resp: 982082

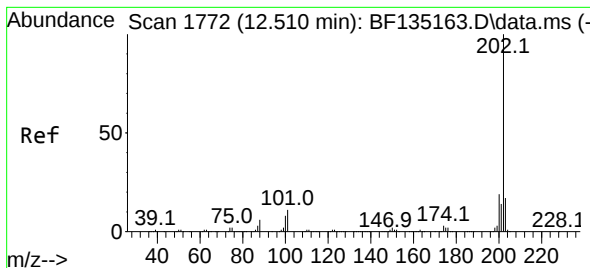
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 50.670 ng

RT: 12.498 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

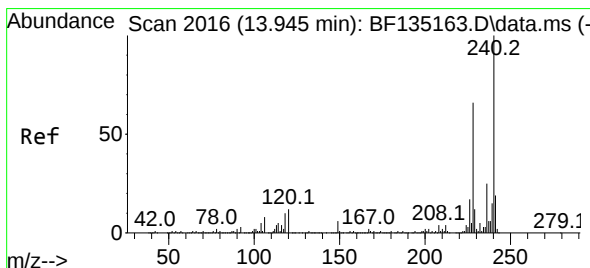
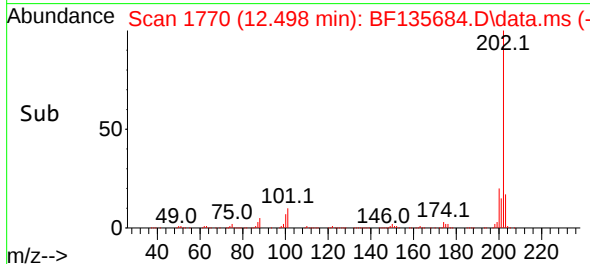
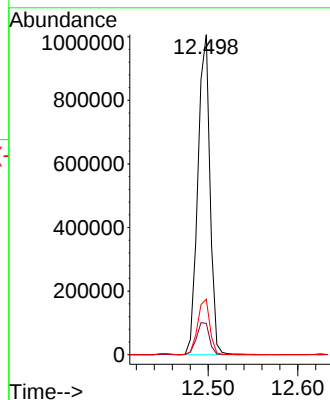
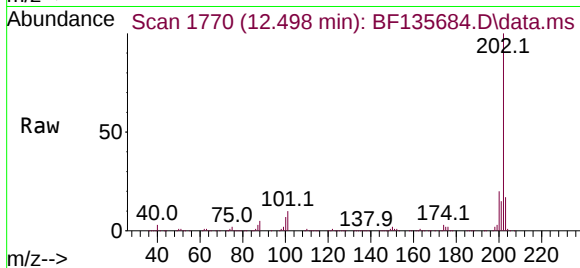
Tgt Ion:202 Resp: 942668

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.3

203 17.3 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

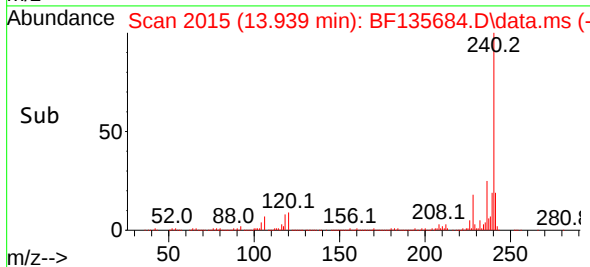
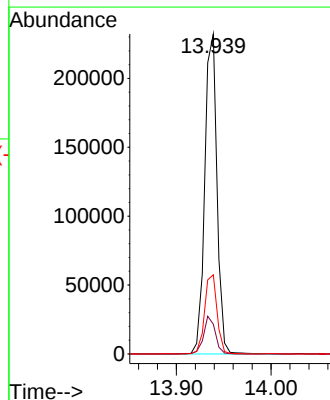
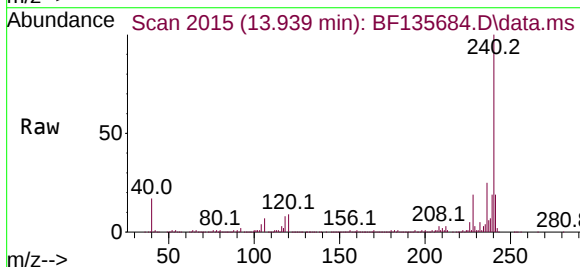
Tgt Ion:240 Resp: 208546

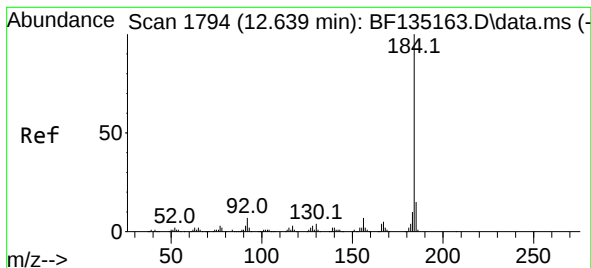
Ion Ratio Lower Upper

240 100

120 9.3 9.4 14.2#

236 24.7 19.8 29.8





#77

Benzidine

Concen: 58.059 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

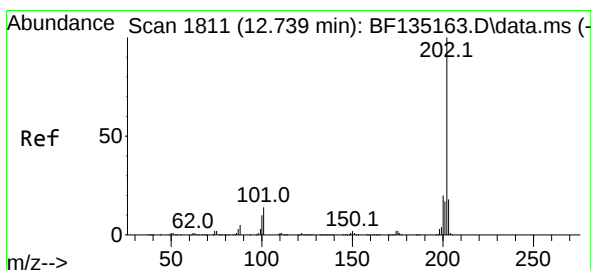
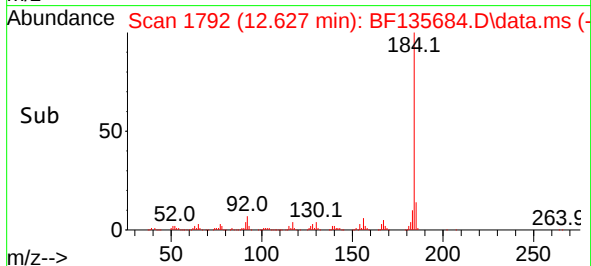
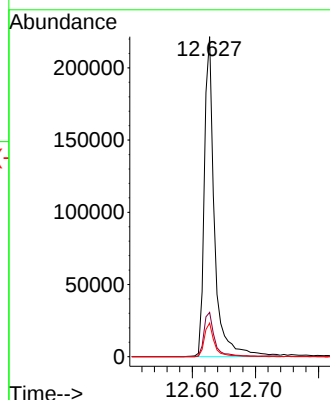
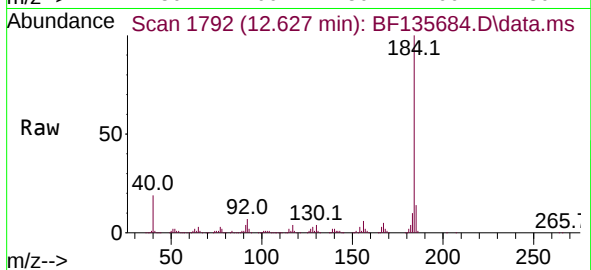
Tgt Ion:184 Resp: 248055

Ion Ratio Lower Upper

184 100

185 13.9 11.7 17.5

183 10.5 8.2 12.4



#78

Pyrene

Concen: 47.267 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

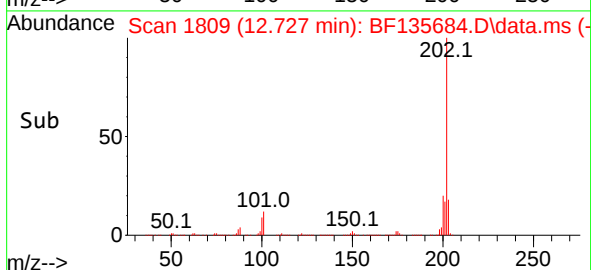
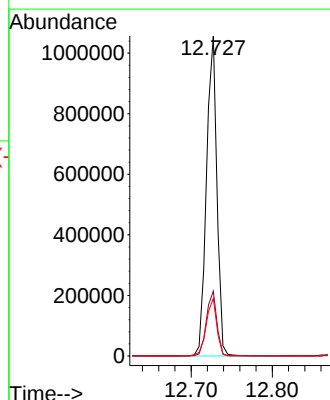
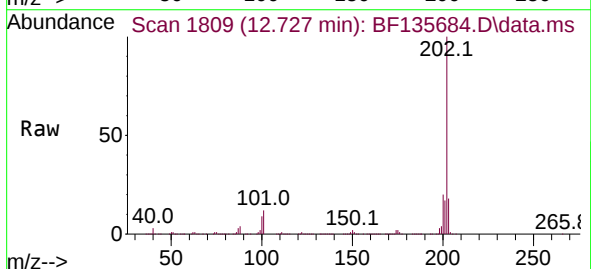
Tgt Ion:202 Resp: 938485

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 91.240 ng

RT: 12.868 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

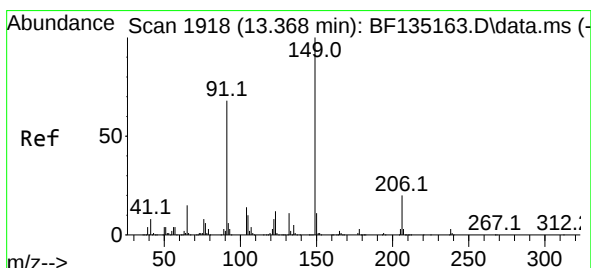
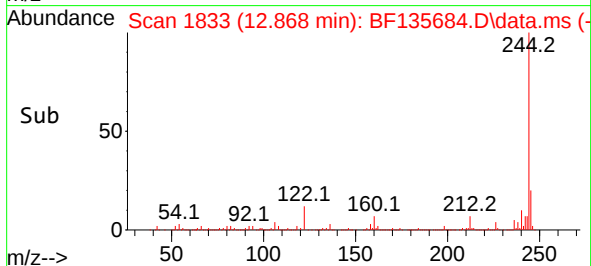
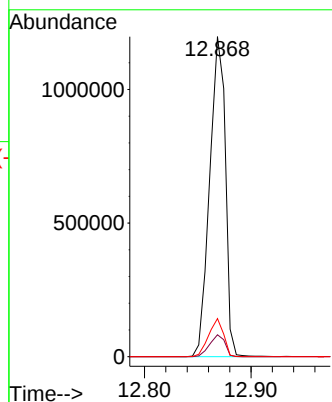
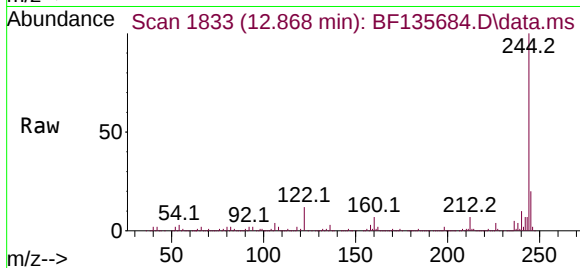
Tgt Ion:244 Resp: 1227446

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.9 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 51.346 ng

RT: 13.345 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

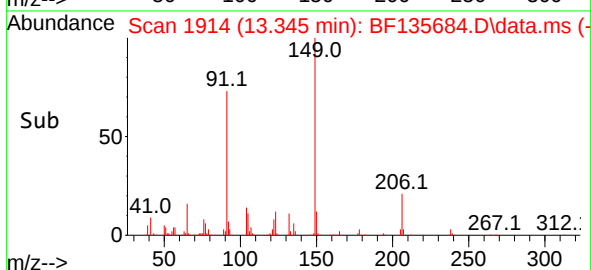
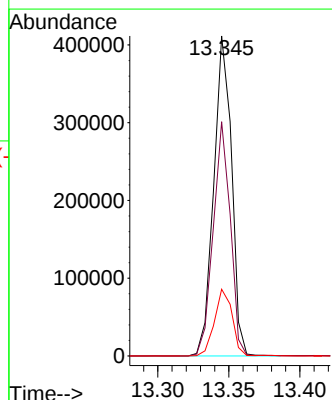
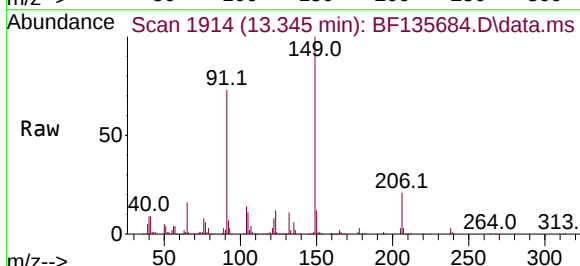
Tgt Ion:149 Resp: 358942

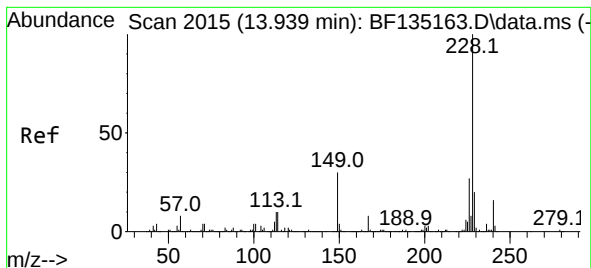
Ion Ratio Lower Upper

149 100

91 73.2 54.7 82.1

206 20.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 50.041 ng

RT: 13.927 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

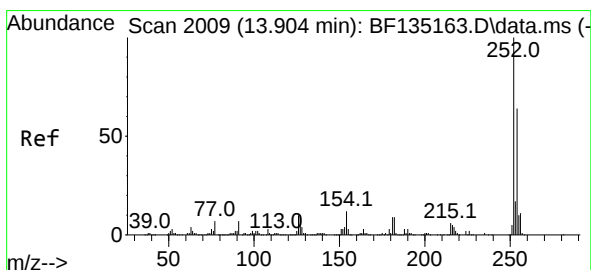
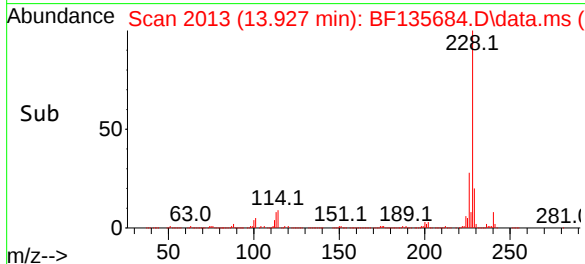
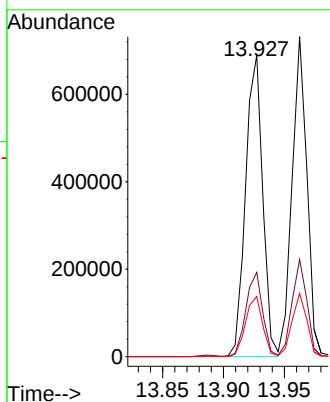
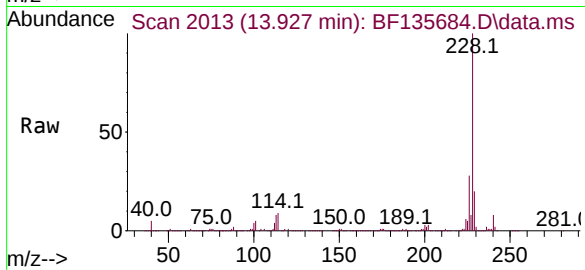
Tgt Ion:228 Resp: 673869

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.678 ng

RT: 13.886 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

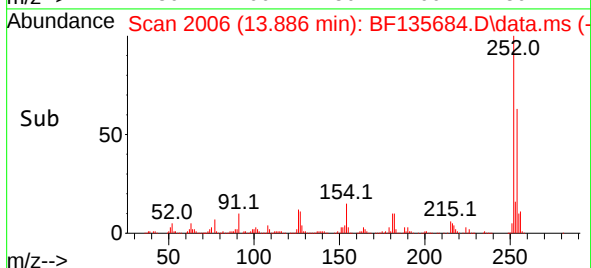
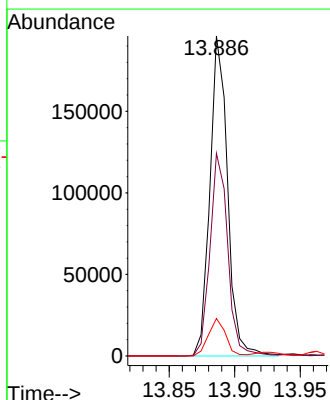
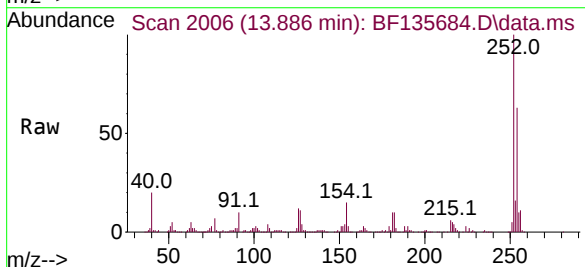
Tgt Ion:252 Resp: 183723

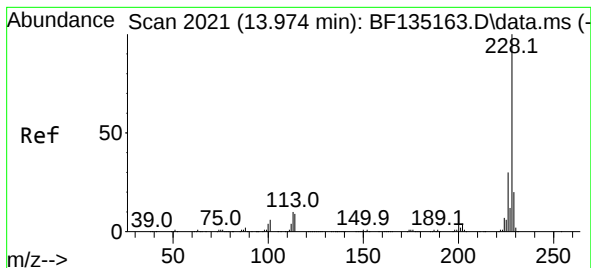
Ion Ratio Lower Upper

252 100

254 63.3 51.0 76.4

126 11.7 7.8 11.8





#83

Chrysene

Concen: 46.321 ng

RT: 13.963 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

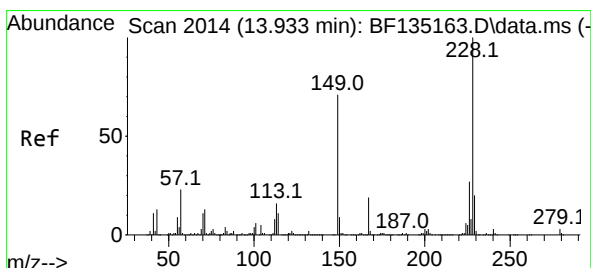
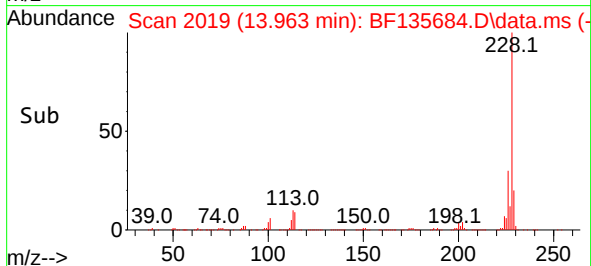
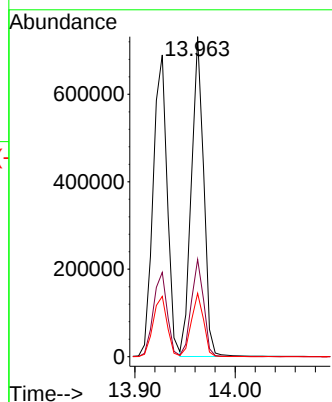
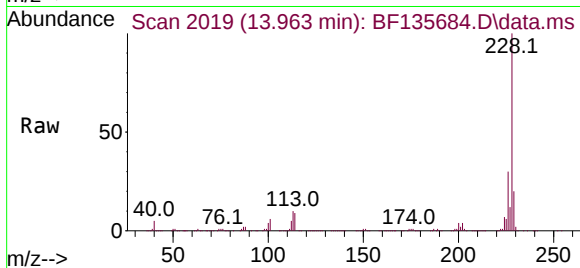
Tgt Ion:228 Resp: 620171

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.885 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

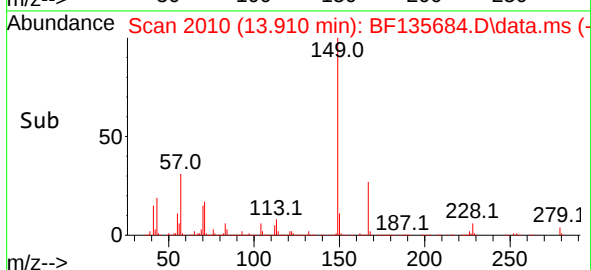
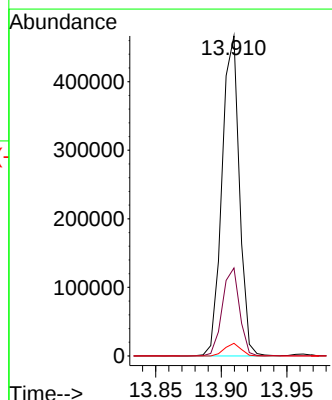
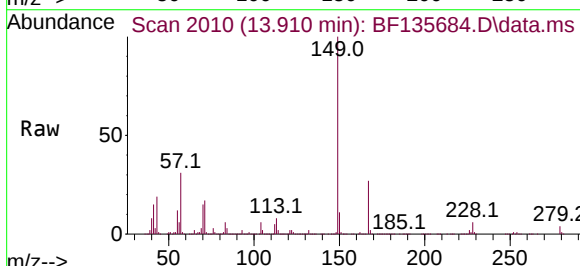
Tgt Ion:149 Resp: 429593

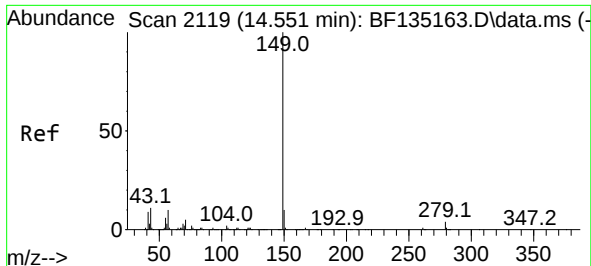
Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

279 3.9 3.3 4.9

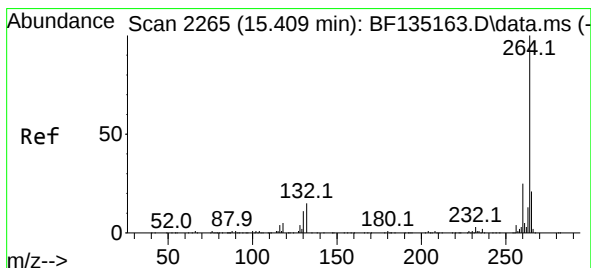
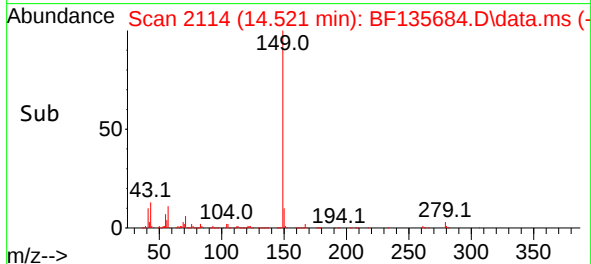
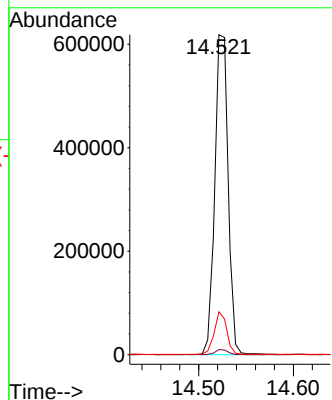
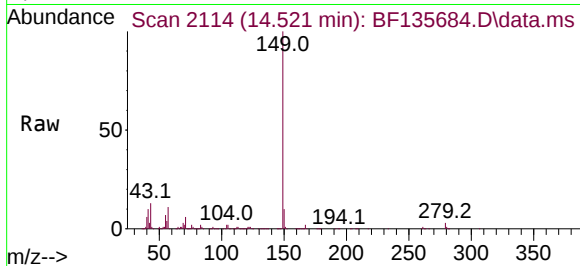




#85
Di-n-octyl phthalate
Concen: 53.202 ng
RT: 14.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

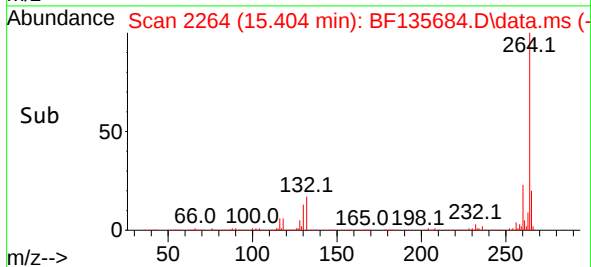
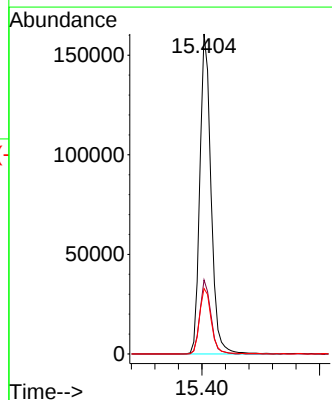
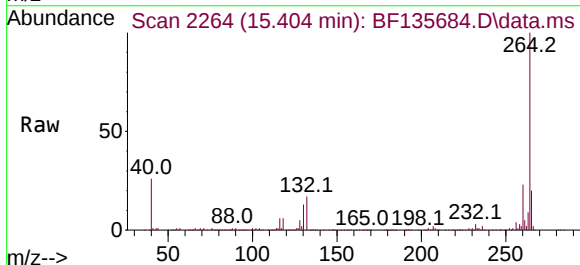
Instrument :
BNA_F
ClientSampleId :
PB156207BS

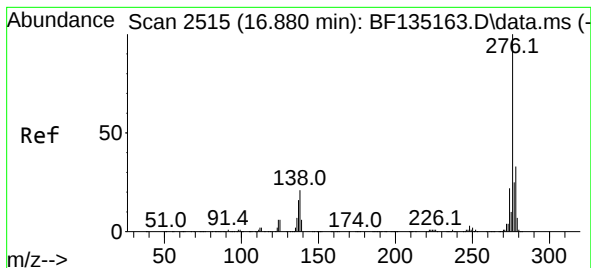
Tgt Ion:149 Resp: 606522
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.4 9.8 14.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:264 Resp: 211419
Ion Ratio Lower Upper
264 100
260 23.2 19.8 29.6
265 20.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.454 ng

RT: 16.909 min Scan# 2192

Delta R.T. 0.006 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

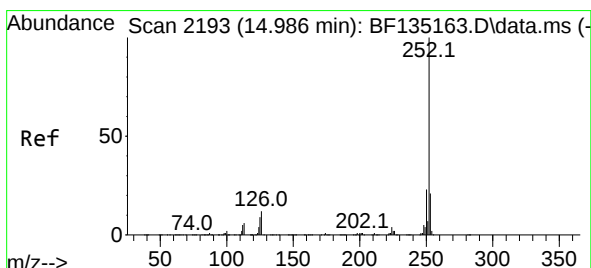
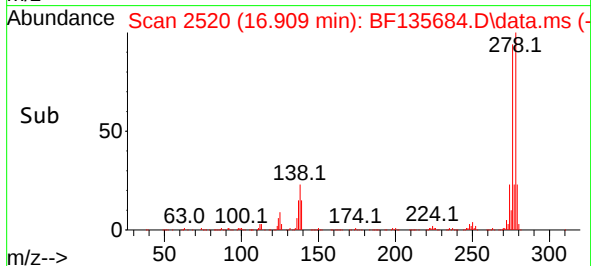
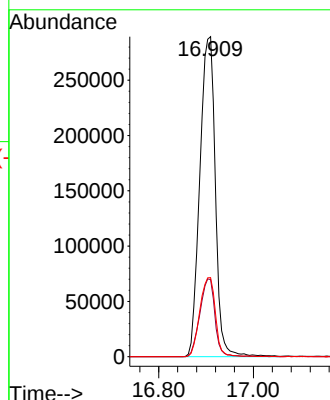
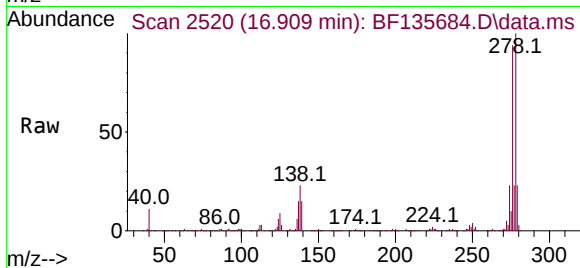
Tgt Ion:276 Resp: 657802

Ion Ratio Lower Upper

276 100

138 23.6 19.2 28.8

277 24.7 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 47.885 ng

RT: 14.980 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

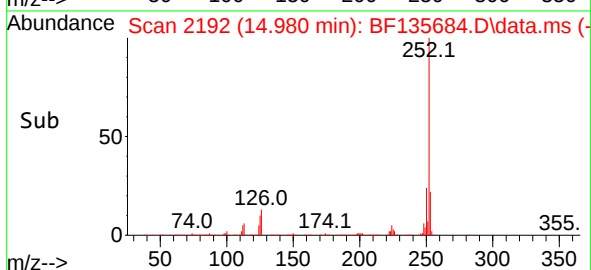
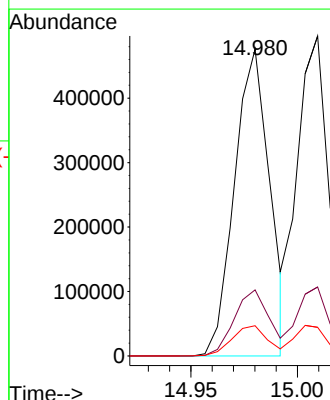
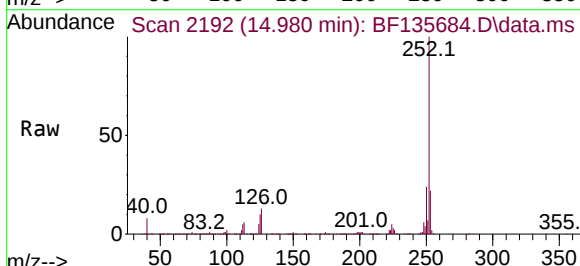
Tgt Ion:252 Resp: 548040

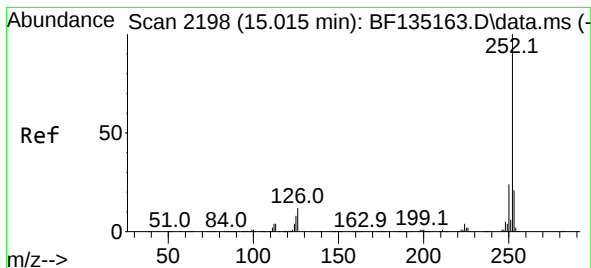
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 9.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 45.737 ng

RT: 15.010 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

Instrument :

BNA_F

ClientSampleId :

PB156207BS

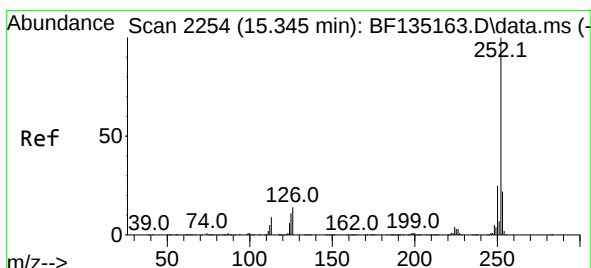
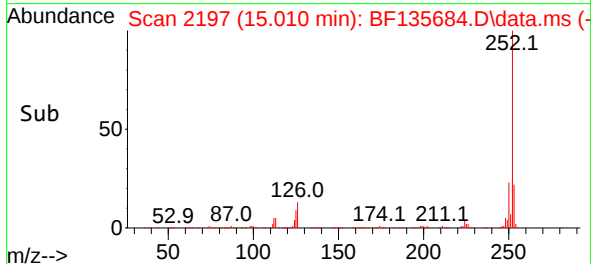
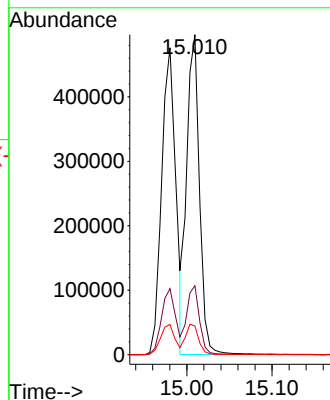
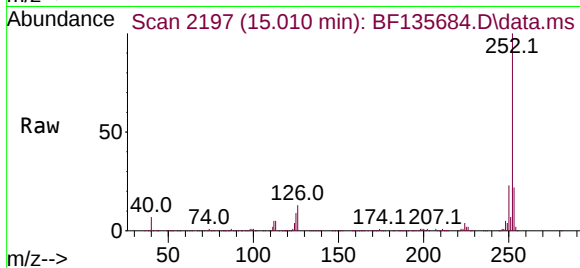
Tgt Ion:252 Resp: 517079

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.0 7.2 10.8



#90

Benzo(a)pyrene

Concen: 45.327 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.000 min

Lab File: BF135684.D

Acq: 10 Oct 2023 14:52

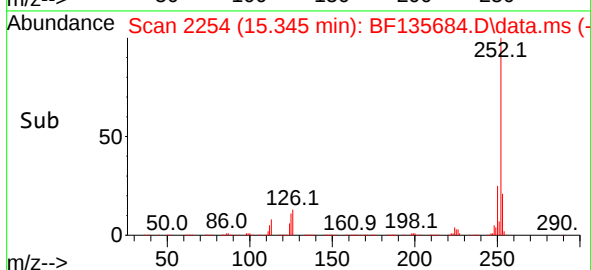
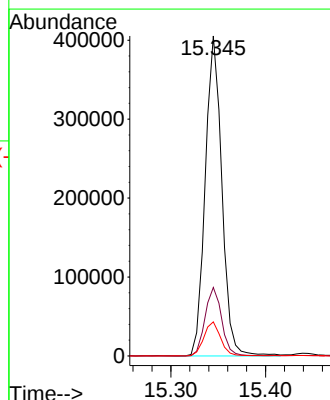
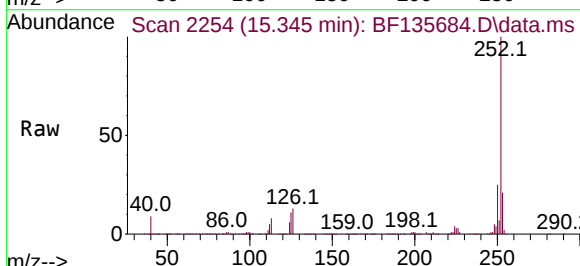
Tgt Ion:252 Resp: 494705

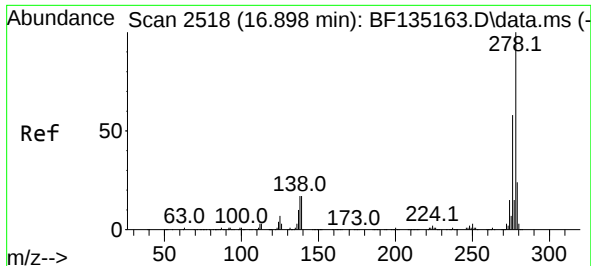
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.7 9.2 13.8

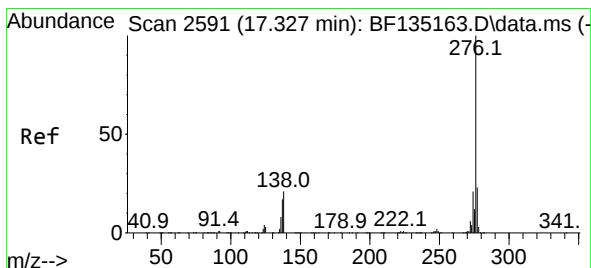
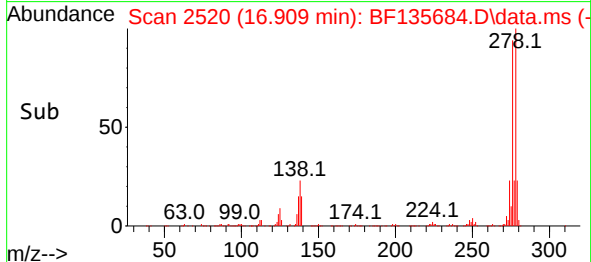
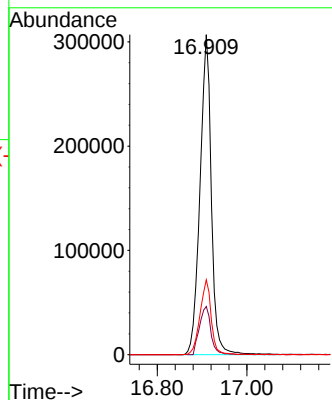
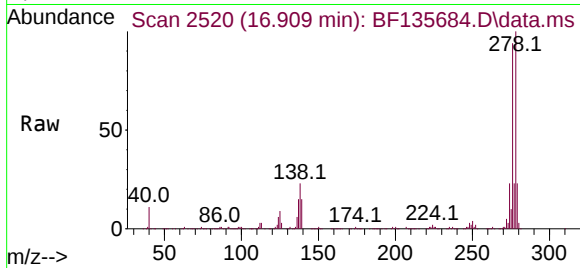




#91
Dibenzo(a,h)anthracene
Concen: 47.465 ng
RT: 16.909 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Instrument :
BNA_F
ClientSampleId :
PB156207BS

Tgt Ion:278 Resp: 538355
Ion Ratio Lower Upper
278 100
139 15.1 13.4 20.0
279 23.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 47.312 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.000 min
Lab File: BF135684.D
Acq: 10 Oct 2023 14:52

Tgt Ion:276 Resp: 560432
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 20.4 16.9 25.3

