

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135688.D
 Acq On : 10 Oct 2023 16:56
 Operator : CG\JU
 Sample : PB155781BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156053BS

Quant Time: Oct 11 02:59:02 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	102044	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	393638	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	199602	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	381880	20.000	ng	0.00
76) Chrysene-d12	13.933	240	195147	20.000	ng	0.00
86) Perylene-d12	15.404	264	199650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	842201	134.236	ng	0.02
7) Phenol-d6	6.398	99	1027446	128.788	ng	0.00
23) Nitrobenzene-d5	7.310	82	642148	88.628	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	269942	136.090	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1168082	88.291	ng	0.00
79) Terphenyl-d14	12.869	244	1193839	94.835	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	108791	39.554	ng	99
3) Pyridine	3.287	79	259429	35.046	ng	97
4) n-Nitrosodimethylamine	3.240	42	185070	47.114	ng	98
6) Aniline	6.410	93	320913	30.675	ng	# 15
8) 2-Chlorophenol	6.534	128	319687	47.732	ng	95
9) Benzaldehyde	6.298	77	63506	13.973	ng	95
10) Phenol	6.410	94	374553	42.816	ng	80
11) bis(2-Chloroethyl)ether	6.481	93	297972	45.409	ng	98
12) 1,3-Dichlorobenzene	6.681	146	316676	46.524	ng	97
13) 1,4-Dichlorobenzene	6.757	146	323576	46.725	ng	98
14) 1,2-Dichlorobenzene	6.904	146	299281	46.537	ng	99
15) Benzyl Alcohol	6.898	79	245370	42.861	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	543118	43.911	ng	57
17) 2-Methylphenol	7.010	107	244447	41.359	ng	# 91
18) Hexachloroethane	7.240	117	120455	47.075	ng	92
19) n-Nitroso-di-n-propyla...	7.157	70	215013	43.512	ng	95
20) 3+4-Methylphenols	7.163	107	317325	44.650	ng	# 80
22) Acetophenone	7.151	105	423882	47.100	ng	# 91
24) Nitrobenzene	7.328	77	332889	46.484	ng	100
25) Isophorone	7.563	82	593574	44.615	ng	98
26) 2-Nitrophenol	7.645	139	167693	48.790	ng	95
27) 2,4-Dimethylphenol	7.687	122	245878	42.560	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	372817	46.818	ng	99
29) 2,4-Dichlorophenol	7.887	162	262550	49.044	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	267749	47.851	ng	99
31) Naphthalene	8.040	128	889079	46.486	ng	99
32) Benzoic acid	7.845	122	172493	39.651	ng	93
33) 4-Chloroaniline	8.098	127	229405	27.339	ng	98
34) Hexachlorobutadiene	8.151	225	155983	46.232	ng	99
35) Caprolactam	8.481	113	54031	30.073	ng	94
36) 4-Chloro-3-methylphenol	8.598	107	282227	47.435	ng	99
37) 2-Methylnaphthalene	8.734	142	563575	43.837	ng	98
38) 1-Methylnaphthalene	8.834	142	535469	44.487	ng	98
40) 1,2,4,5-Tetrachloroben...	8.898	216	271630	46.973	ng	99
41) Hexachlorocyclopentadiene	8.881	237	118261	49.513	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	170816	45.116	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	178854	41.020	ng	99
46) 1,1'-Biphenyl	9.198	154	720234	46.954	ng	98
47) 2-Chloronaphthalene	9.228	162	536948	48.246	ng	100
48) 2-Nitroaniline	9.334	65	202366	46.803	ng	97
49) Acenaphthylene	9.639	152	868389	46.949	ng	100
50) Dimethylphthalate	9.510	163	627791	46.520	ng	100
51) 2,6-Dinitrotoluene	9.581	165	136774	46.265	ng	92
52) Acenaphthene	9.810	154	514574	47.094	ng	99
53) 3-Nitroaniline	9.751	138	117450	33.845	ng	98
54) 2,4-Dinitrophenol	9.875	184	135554	80.709	ng	98
55) Dibenzofuran	9.986	168	751690	45.082	ng	97
56) 4-Nitrophenol	9.939	139	143109	64.887	ng	100
57) 2,4-Dinitrotoluene	9.992	165	175258	47.353	ng	92
58) Fluorene	10.333	166	606274	47.298	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	158316	47.202	ng	96
60) Diethylphthalate	10.210	149	642688	47.453	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	286143	46.471	ng	97
62) 4-Nitroaniline	10.375	138	149827	44.916	ng	99
63) Azobenzene	10.486	77	614930	46.392	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	90458	44.598	ng	89
66) n-Nitrosodiphenylamine	10.445	169	552812	47.816	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	183608	48.342	ng	97
68) Hexachlorobenzene	10.881	284	194616	50.297	ng	# 87
69) Atrazine	10.980	200	175405	56.386	ng	99
70) Pentachlorophenol	11.086	266	148539	64.163	ng	96
71) Phenanthrene	11.298	178	877546	48.587	ng	99
72) Anthracene	11.351	178	886617	47.757	ng	100
73) Carbazole	11.516	167	844052	49.943	ng	99
74) Di-n-butylphthalate	11.839	149	995740	50.001	ng	100
75) Fluoranthene	12.498	202	917498	48.752	ng	98
77) Benzidine	12.627	184	261968	65.526	ng	98
78) Pyrene	12.727	202	935292	50.340	ng	100
80) Butylbenzylphthalate	13.345	149	342968	52.429	ng	98
81) Benzo(a)anthracene	13.927	228	640010	50.790	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	173579	44.100	ng	# 96
83) Chrysene	13.963	228	593161	47.345	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	414971	61.818	ng	99
85) Di-n-octyl phthalate	14.521	149	573498	53.759	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	656720	50.168	ng	100
88) Benzo(b)fluoranthene	14.980	252	533060	49.322	ng	99
89) Benzo(k)fluoranthene	15.010	252	495598	46.421	ng	100
90) Benzo(a)pyrene	15.345	252	483901	46.950	ng	98
91) Dibenzo(a,h)anthracene	16.910	278	535080	49.957	ng	99
92) Benzo(g,h,i)perylene	17.351	276	558245	49.906	ng	98

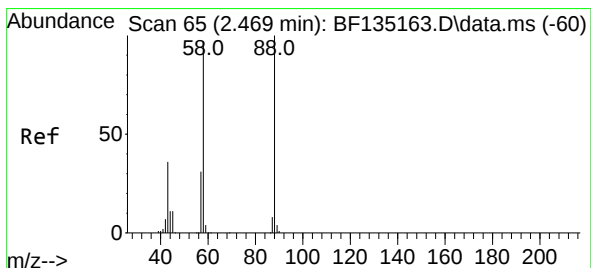
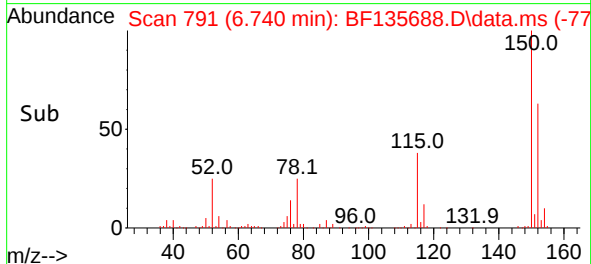
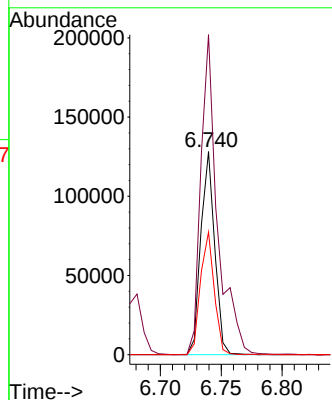
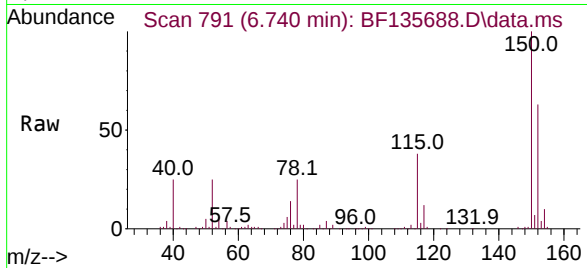
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 74
 Delta R.T. 0.001 min
 Lab File: BF135688.D
 Acq: 10 Oct 2023 16:56

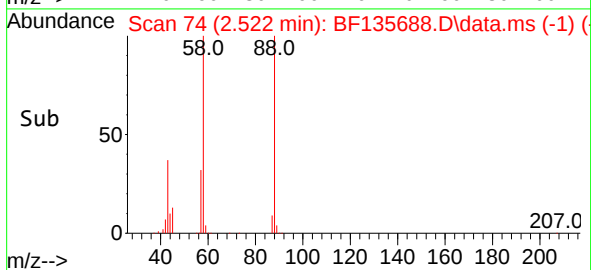
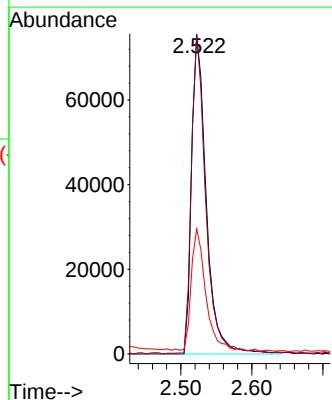
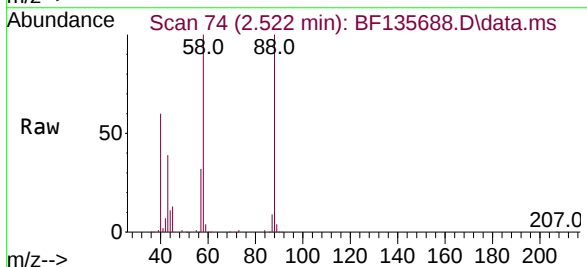
Instrument :
 BNA_F
 ClientSampleId :
 PB156053BS

Tgt Ion:152 Resp: 102044
 Ion Ratio Lower Upper
 152 100
 150 157.5 127.8 191.6
 115 60.3 49.8 74.8



#2
 1,4-Dioxane
 Concen: 39.554 ng
 RT: 2.522 min Scan# 74
 Delta R.T. 0.094 min
 Lab File: BF135688.D
 Acq: 10 Oct 2023 16:56

Tgt Ion: 88 Resp: 108791
 Ion Ratio Lower Upper
 88 100
 58 98.5 78.3 117.5
 43 37.2 29.4 44.0

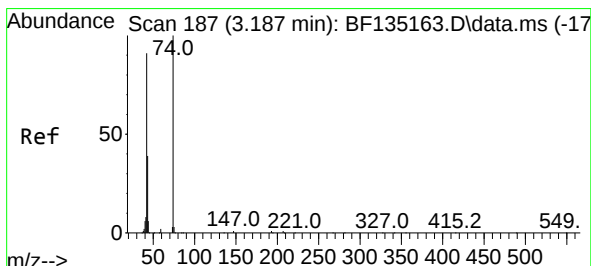
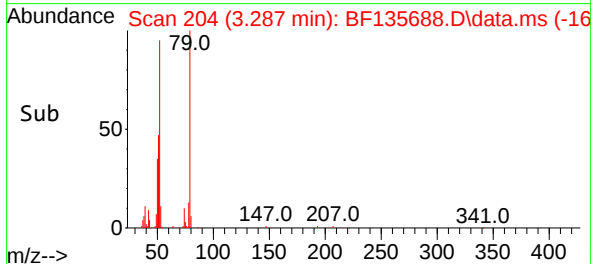
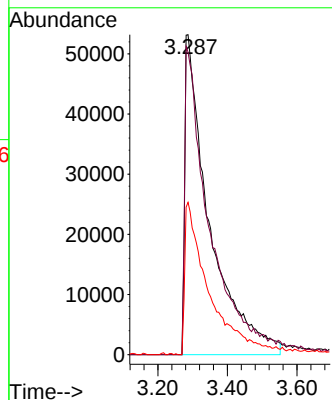
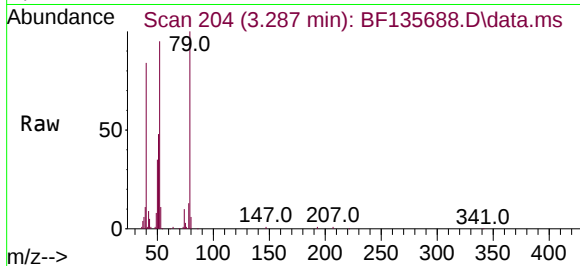




#3
Pyridine
Concen: 35.046 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.112 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

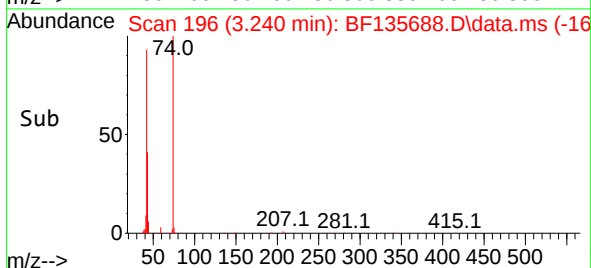
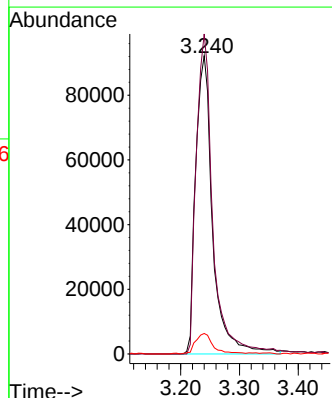
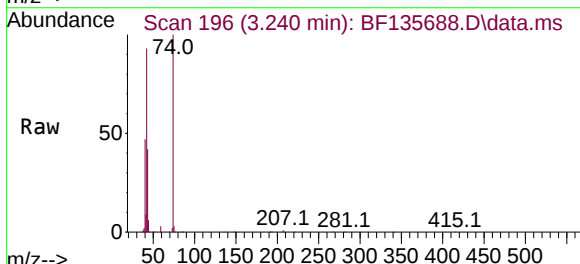
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BNA_F
ClientSampleId :
PB156053BS

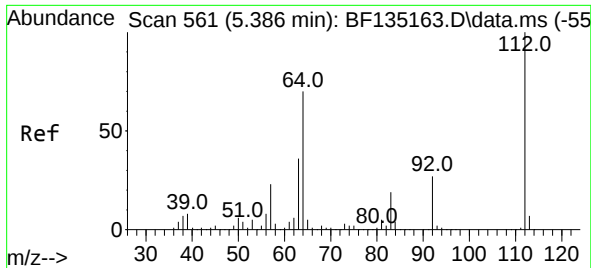
Tgt Ion: 79 Resp: 259429
Ion Ratio Lower Upper
79 100
52 94.6 74.1 111.1
51 47.6 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 47.114 ng
RT: 3.240 min Scan# 196
Delta R.T. 0.088 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion: 42 Resp: 185070
Ion Ratio Lower Upper
42 100
74 107.3 87.7 131.5
44 6.9 5.6 8.4

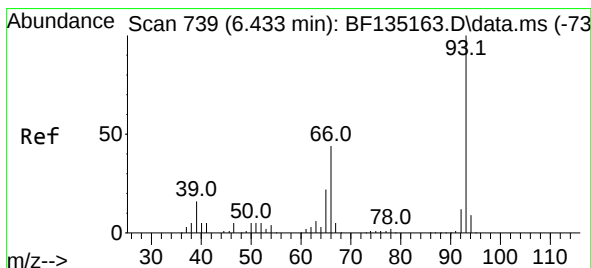
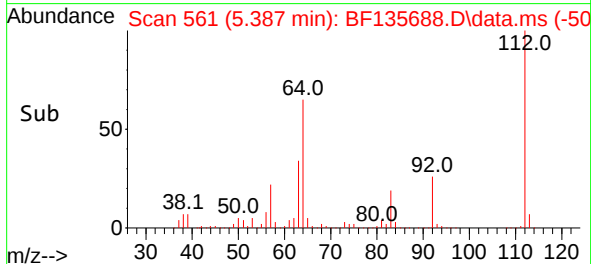
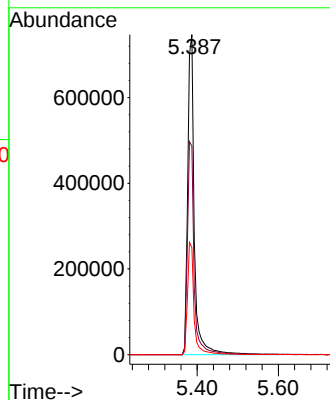
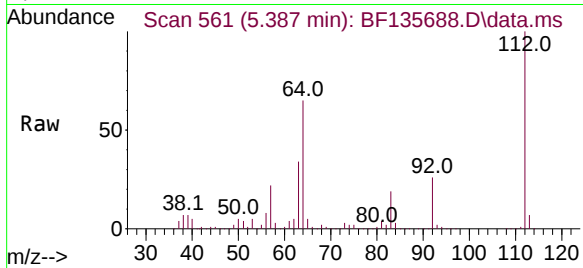




#5
2-Fluorophenol
Concen: 134.236 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

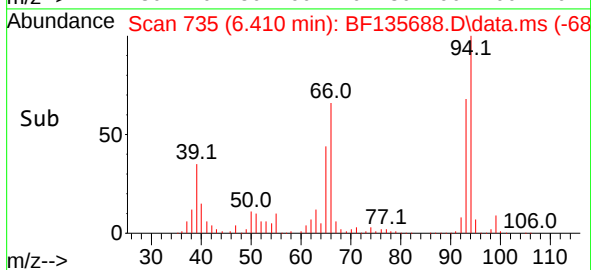
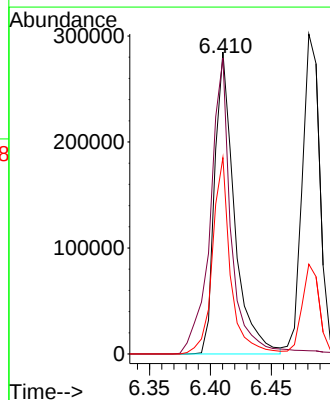
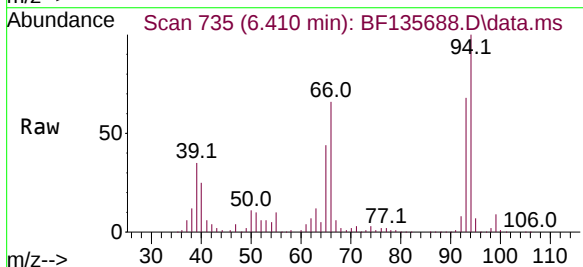
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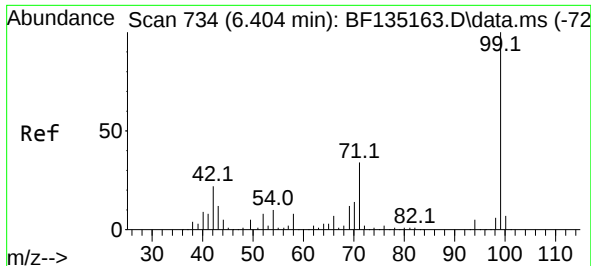
Tgt Ion:112 Resp: 842201
Ion Ratio Lower Upper
112 100
64 65.2 55.9 83.9
63 33.5 29.0 43.6



#6
Aniline
Concen: 30.675 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion: 93 Resp: 320913
Ion Ratio Lower Upper
93 100
66 98.0 35.4 53.0#
65 65.0 17.8 26.8#

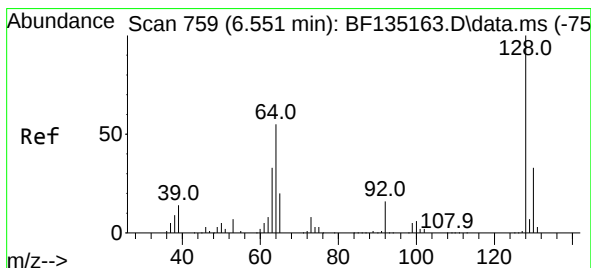
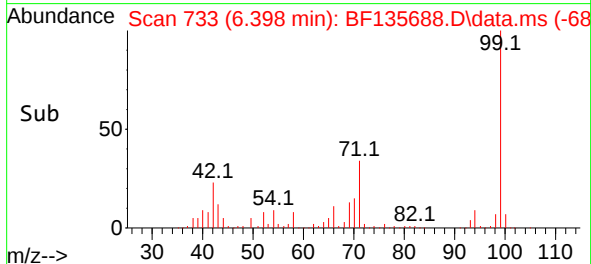
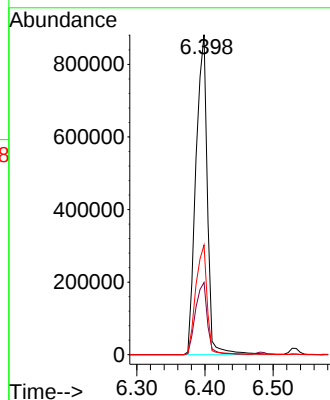
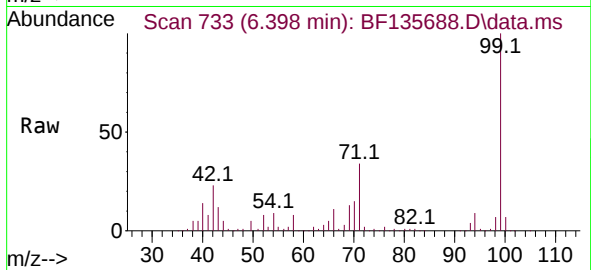




#7
Phenol-d6
Concen: 128.788 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

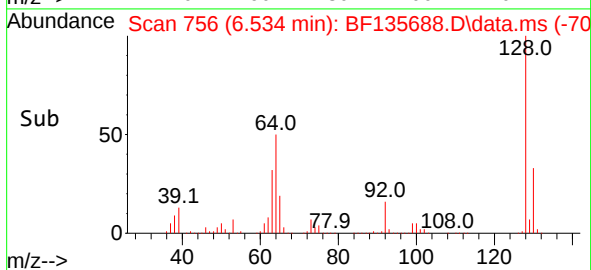
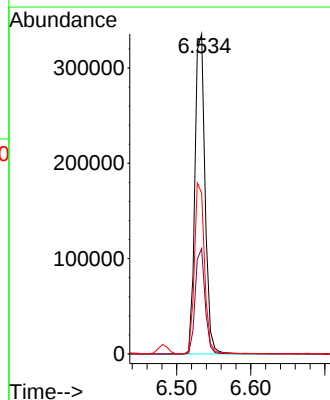
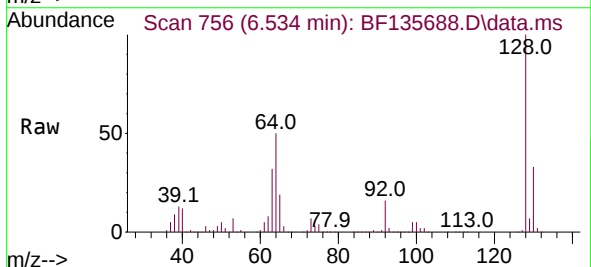
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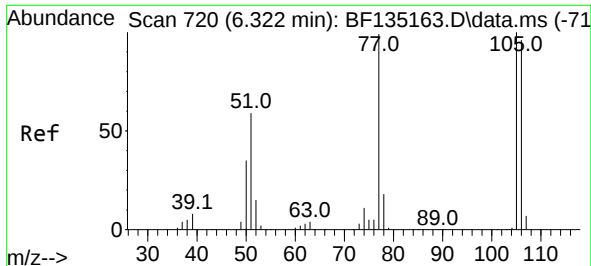
Tgt Ion: 99 Resp: 1027446
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 34.3 27.0 40.6



#8
2-Chlorophenol
Concen: 47.732 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:128 Resp: 319687
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 50.2 35.9 75.9

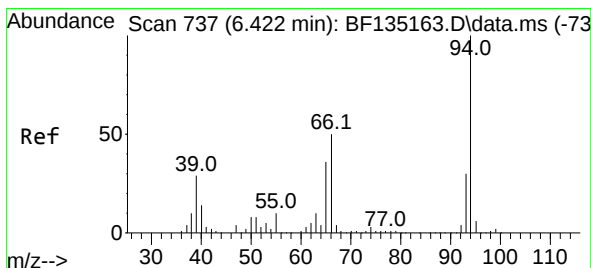
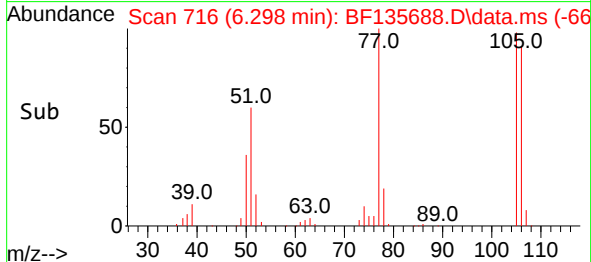
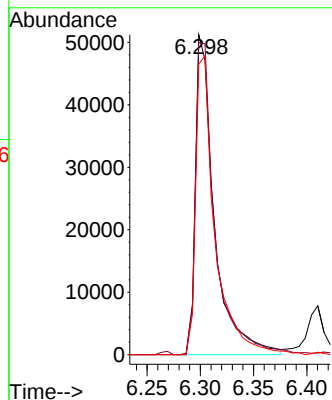
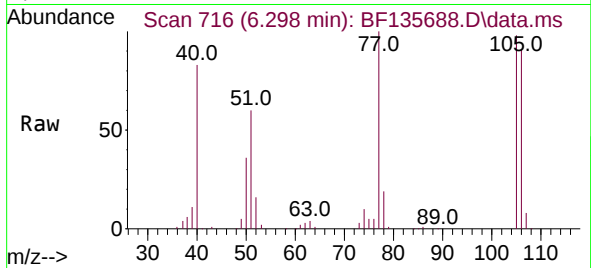




#9
Benzaldehyde
Concen: 13.973 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

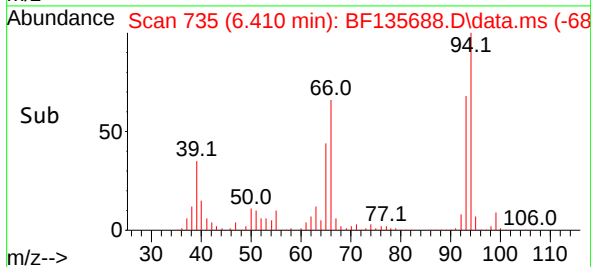
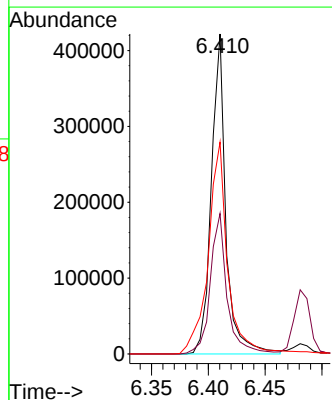
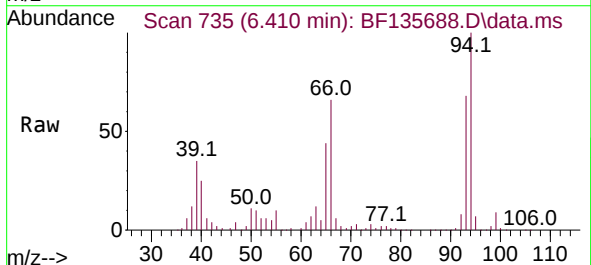
Instrument :
BNA_F
ClientSampleId :
PB156053BS

Tgt Ion: 77 Resp: 63506
Ion Ratio Lower Upper
77 100
105 97.5 81.4 121.4
106 90.8 76.9 116.9



#10
Phenol
Concen: 42.816 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion: 94 Resp: 374553
Ion Ratio Lower Upper
94 100
65 43.9 15.9 55.9
66 66.2 29.8 69.8

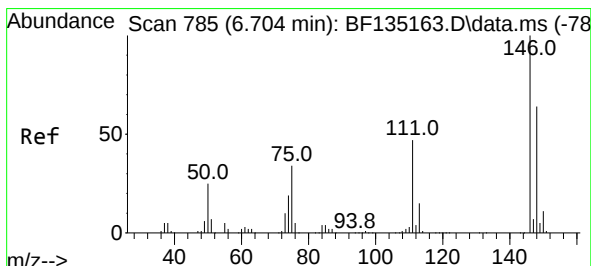
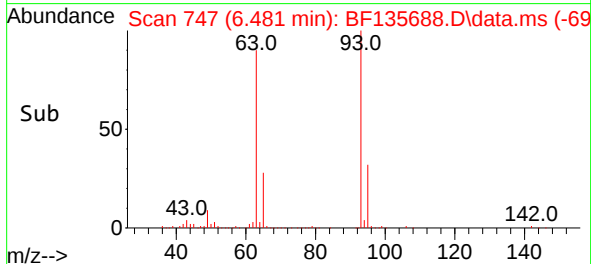
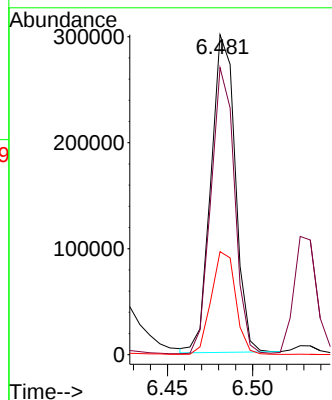
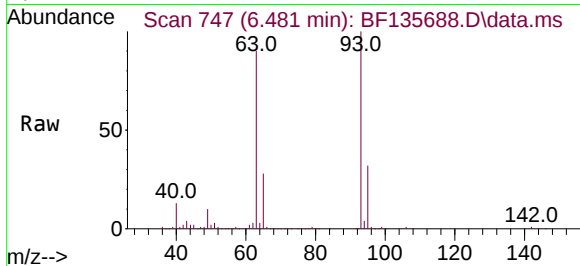




#11
bis(2-Chloroethyl)ether
Concen: 45.409 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

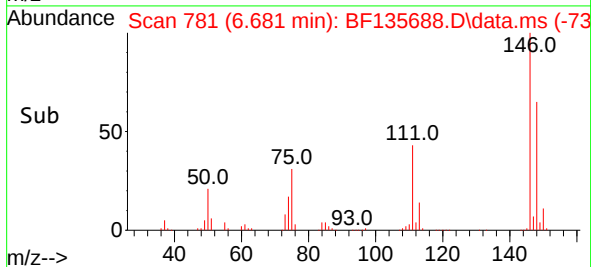
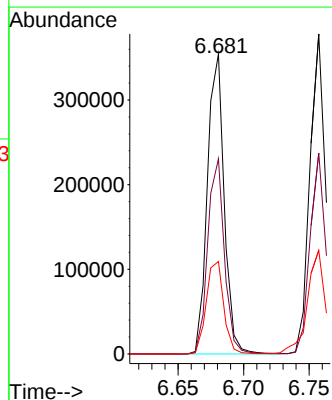
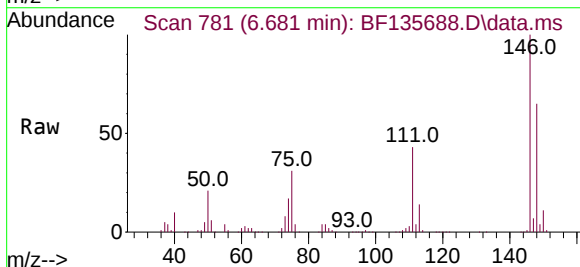
Instrument :
BNA_F
ClientSampleId :
PB156053BS

Tgt Ion: 93 Resp: 297972
Ion Ratio Lower Upper
93 100
63 89.7 67.3 107.3
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 46.524 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:146 Resp: 316676
Ion Ratio Lower Upper
146 100
148 65.1 51.3 76.9
75 30.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.725 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

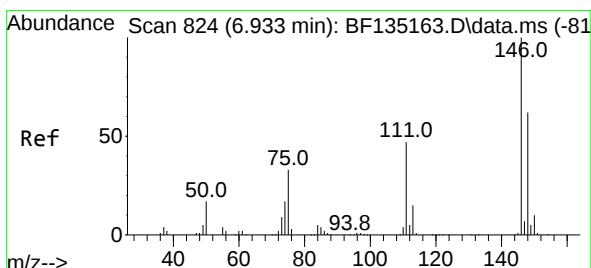
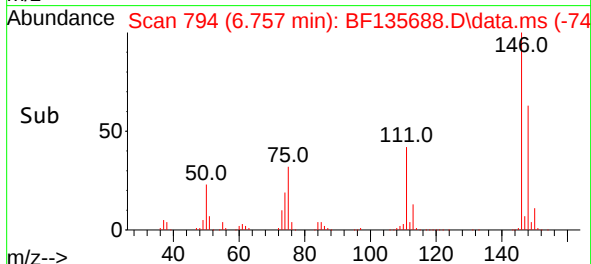
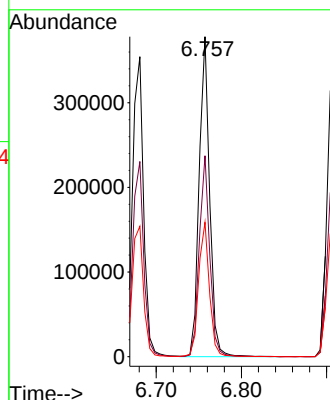
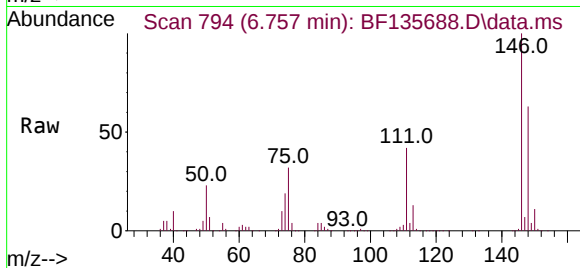
Tgt Ion:146 Resp: 323576

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

111 42.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 46.537 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

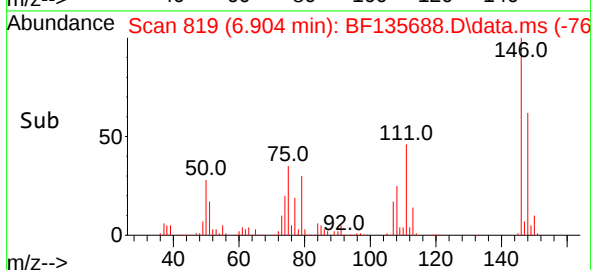
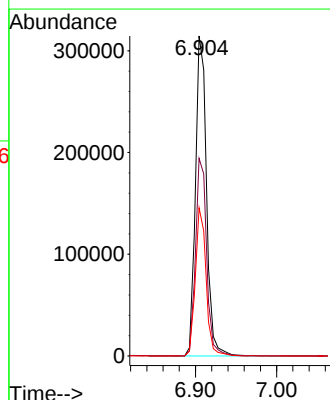
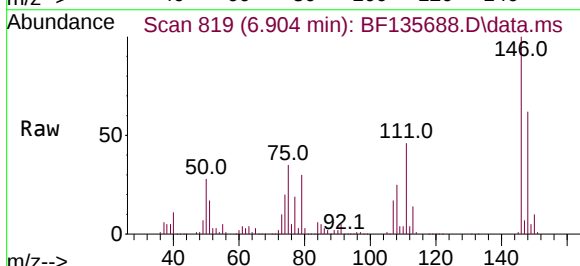
Tgt Ion:146 Resp: 299281

Ion Ratio Lower Upper

146 100

148 61.7 49.7 74.5

111 46.3 37.4 56.2

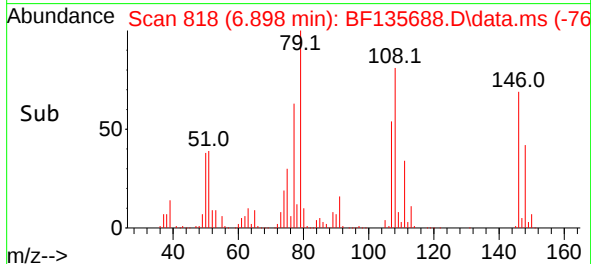
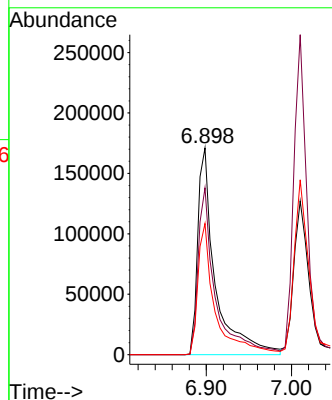
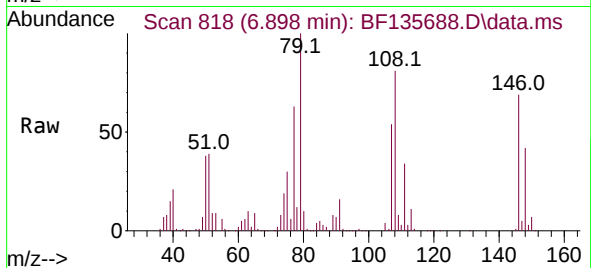




#15
Benzyl Alcohol
Concen: 42.861 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.006 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

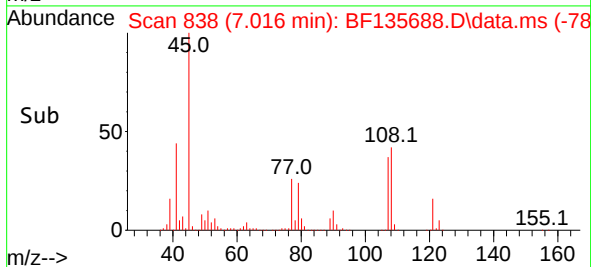
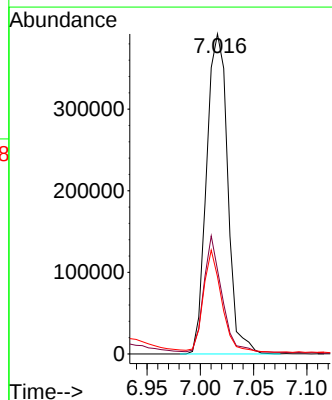
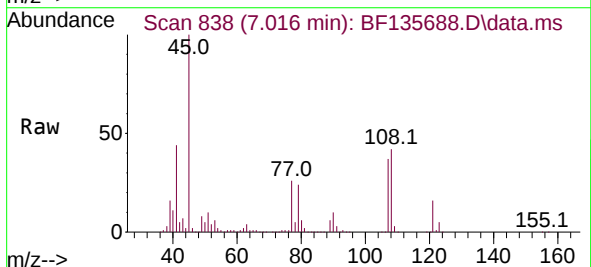
Instrument :
BNA_F
ClientSampleId :
PB156053BS

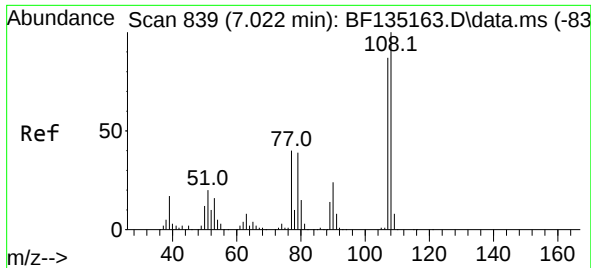
Tgt Ion: 79 Resp: 245370
Ion Ratio Lower Upper
79 100
108 80.7 61.2 91.8
77 63.5 50.5 75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.911 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion: 45 Resp: 543118
Ion Ratio Lower Upper
45 100
77 26.3 0.0 30.6
79 24.2 0.0 28.3

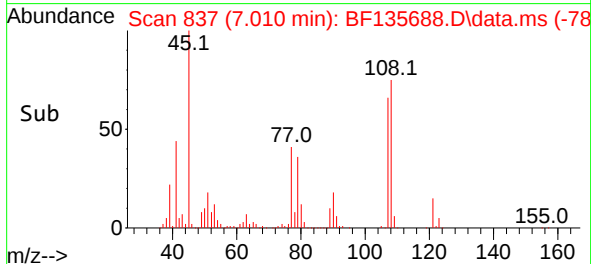
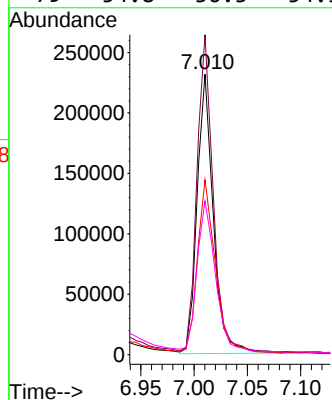
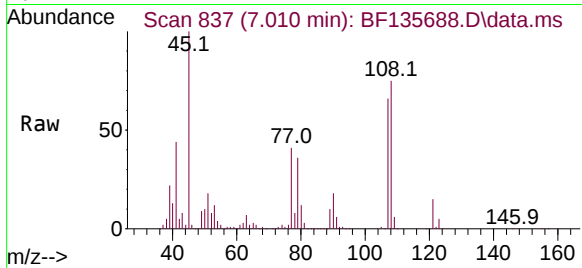




#17
2-Methylphenol
Concen: 41.359 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

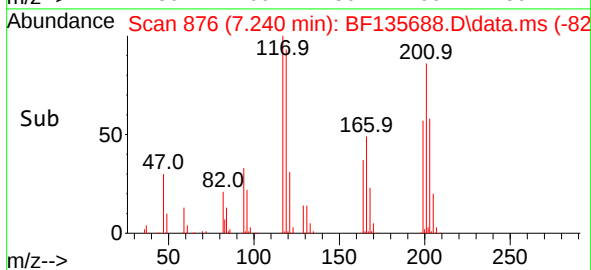
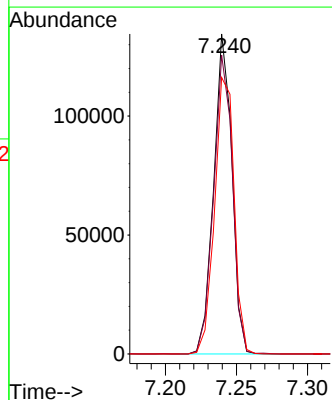
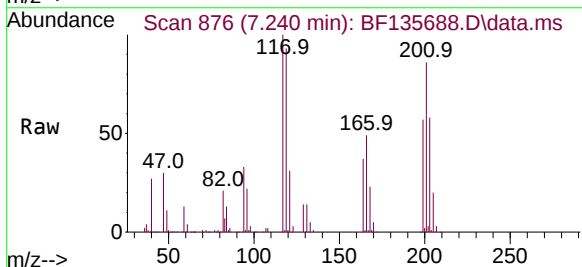
Instrument :
BNA_F
ClientSampleId :
PB156053BS

Tgt Ion:	107	Resp:	244447
Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.0	138.0
77	62.3	36.7	55.1#
79	54.8	36.3	54.5#



#18
Hexachloroethane
Concen: 47.075 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:	117	Resp:	120455
Ion	Ratio	Lower	Upper
117	100		
119	93.4	74.7	112.1
201	86.4	81.8	122.8



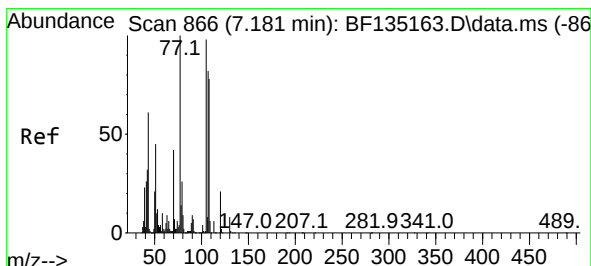
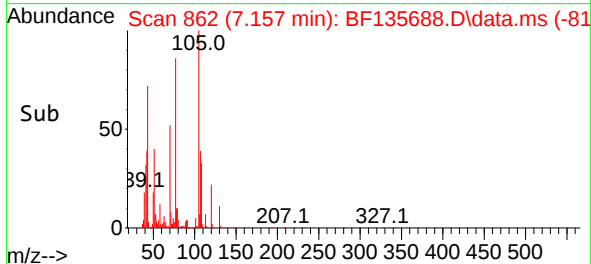
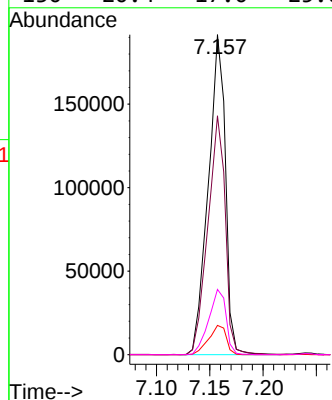
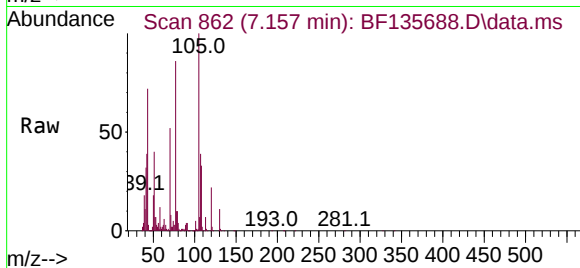


#19
n-Nitroso-di-n-propylamine
Concen: 43.512 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Instrument :
BNA_F
ClientSampleId :
PB156053BS

Tgt Ion: 70 Resp: 215013

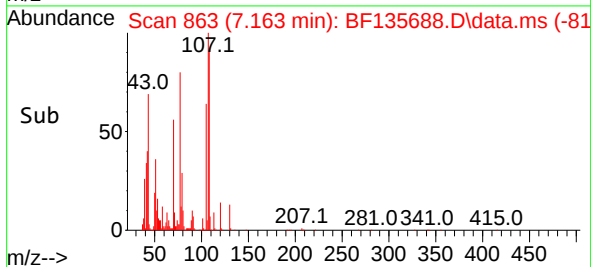
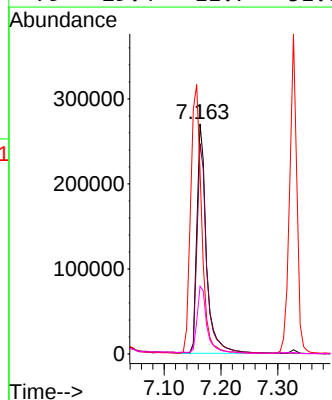
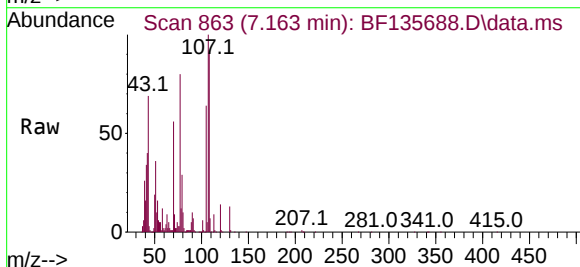
Ion	Ratio	Lower	Upper
70	100		
42	74.6	55.4	83.0
101	9.1	7.7	11.5
130	20.4	17.0	25.6



#20
3+4-Methylphenols
Concen: 44.650 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion: 107 Resp: 317325

Ion	Ratio	Lower	Upper
107	100		
108	91.4	74.7	114.7
77	79.5	102.0	142.0#
79	29.4	11.7	51.7



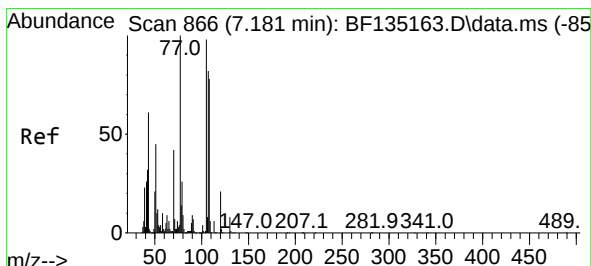
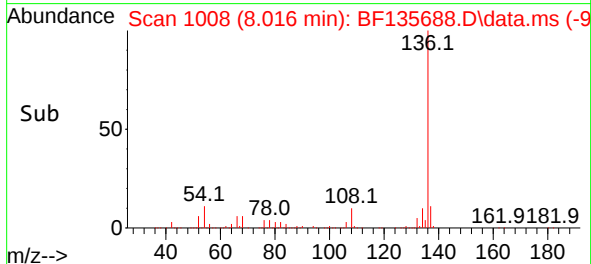
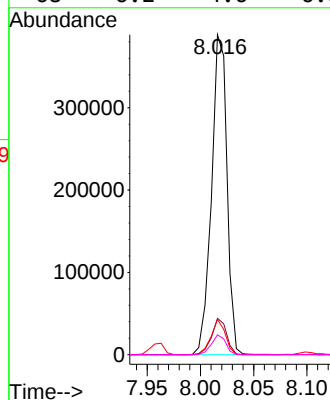
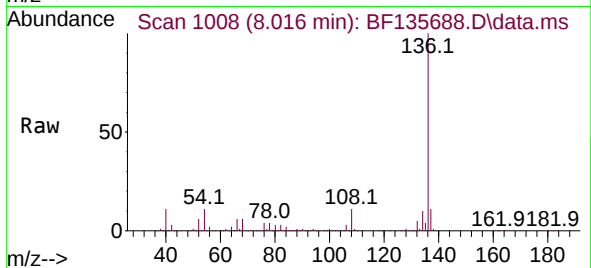


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Instrument :
BNA_F
ClientSampleId :
PB156053BS

Tgt Ion:136 Resp: 393638

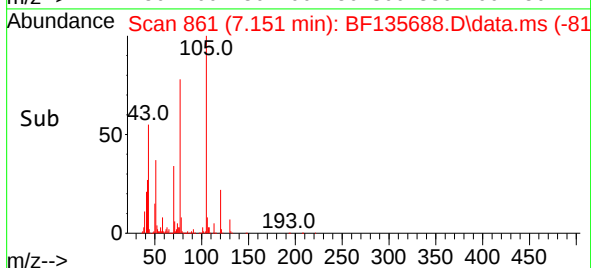
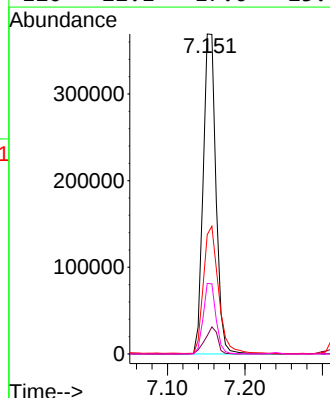
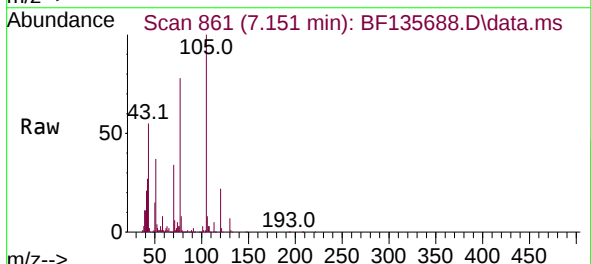
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	11.0	7.7	11.5
68	6.2	4.6	6.8



#22
Acetophenone
Concen: 47.100 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:105 Resp: 423882

Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.8	8.6#
51	37.3	37.0	55.4
120	22.1	17.0	25.6





#23

Nitrobenzene-d5

Concen: 88.628 ng

RT: 7.310 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

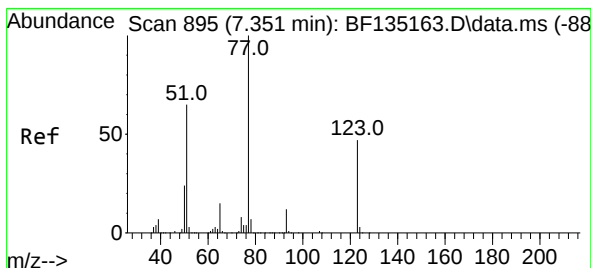
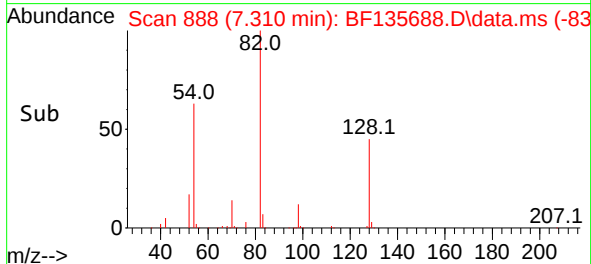
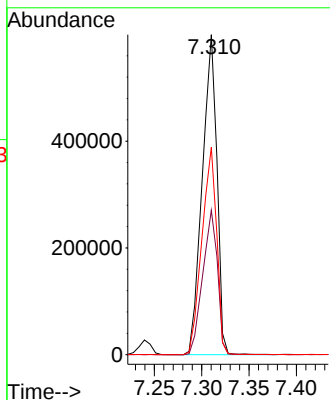
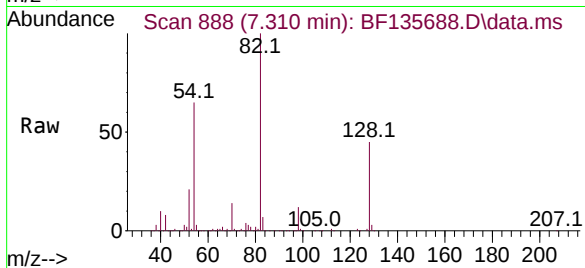
Tgt Ion: 82 Resp: 642148

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.6

54 64.8 50.6 76.0



#24

Nitrobenzene

Concen: 46.484 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

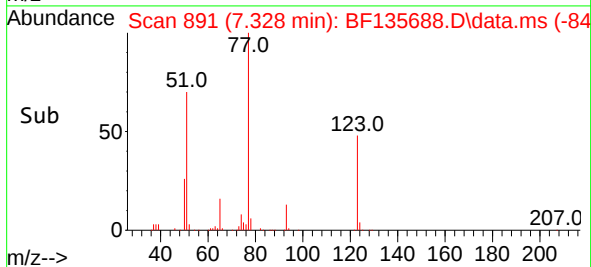
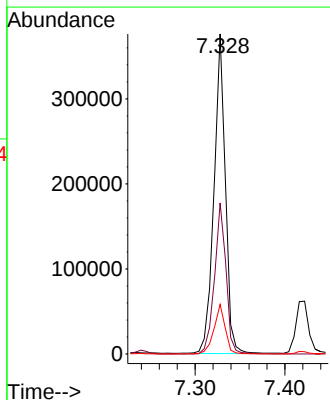
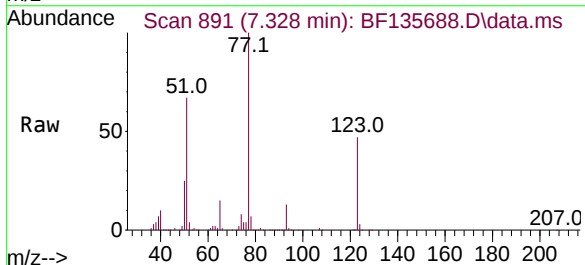
Tgt Ion: 77 Resp: 332889

Ion Ratio Lower Upper

77 100

123 47.2 37.6 56.4

65 15.5 12.2 18.4

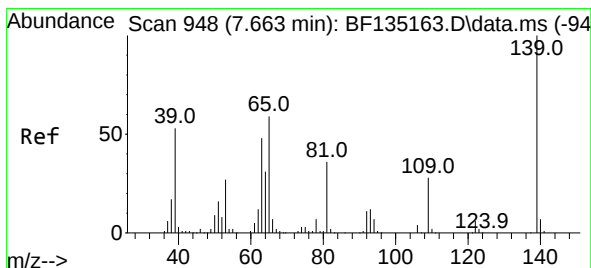
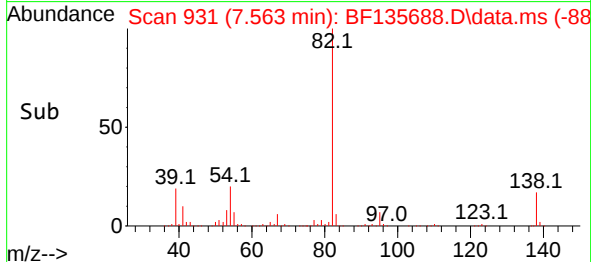
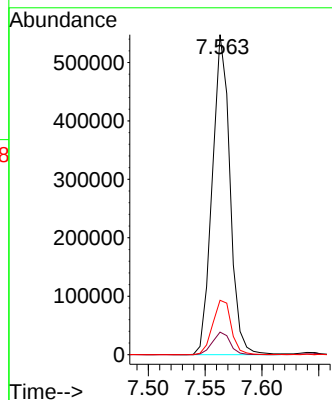
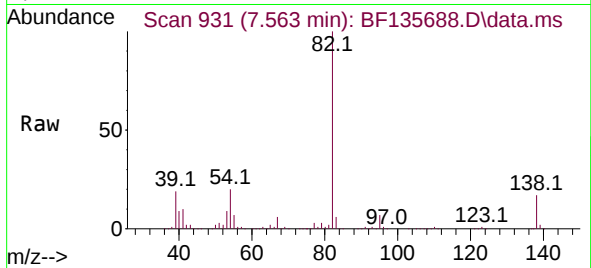




#25
Isophorone
Concen: 44.615 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

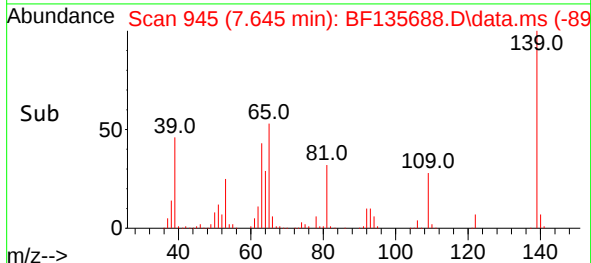
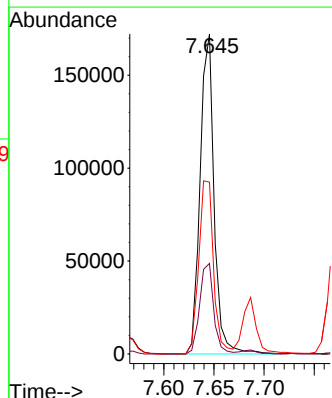
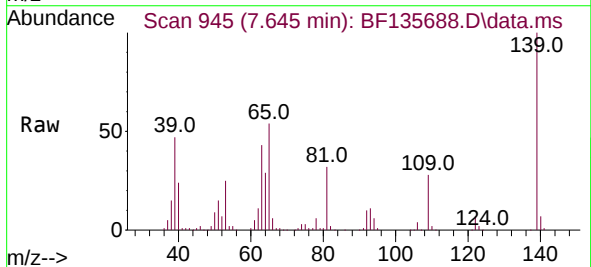
Instrument :
BNA_F
ClientSampleId :
PB156053BS

Tgt Ion: 82 Resp: 593574
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.0 14.5 21.7



#26
2-Nitrophenol
Concen: 48.790 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion: 139 Resp: 167693
Ion Ratio Lower Upper
139 100
109 28.3 22.6 33.8
65 53.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.560 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

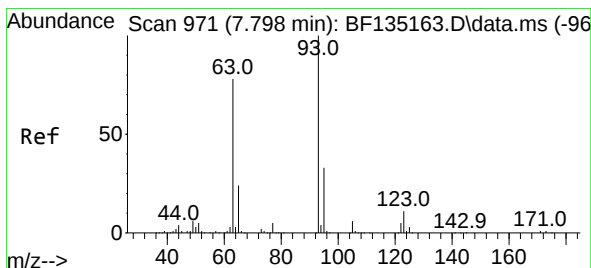
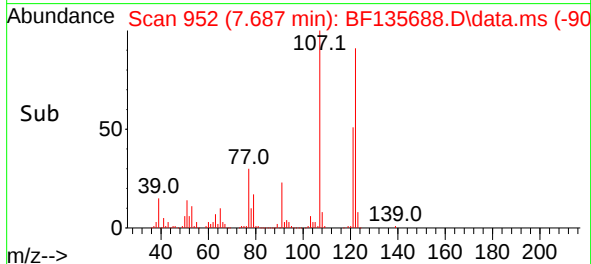
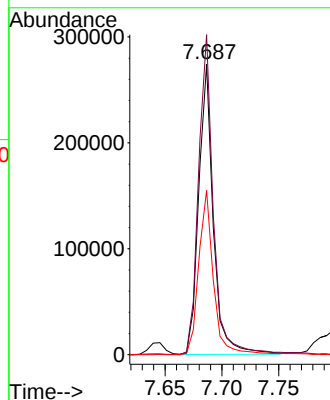
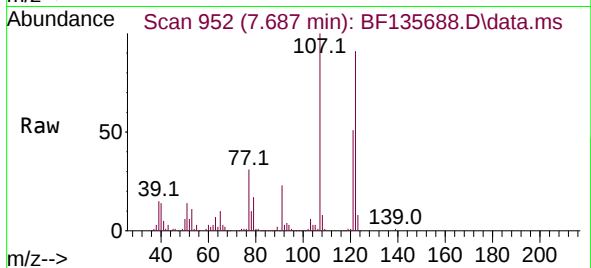
Tgt Ion:122 Resp: 245878

Ion Ratio Lower Upper

122 100

107 110.3 90.2 135.4

121 56.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.818 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

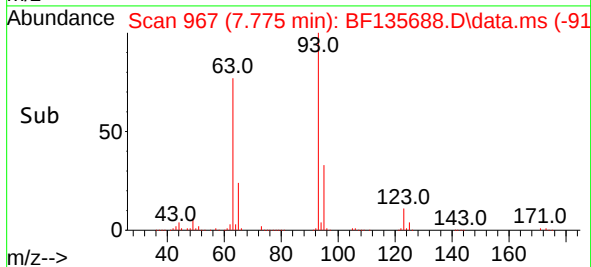
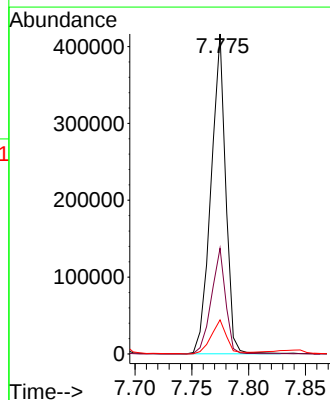
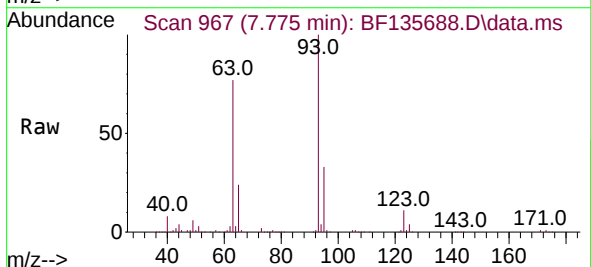
Tgt Ion: 93 Resp: 372817

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 10.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 49.044 ng

RT: 7.887 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

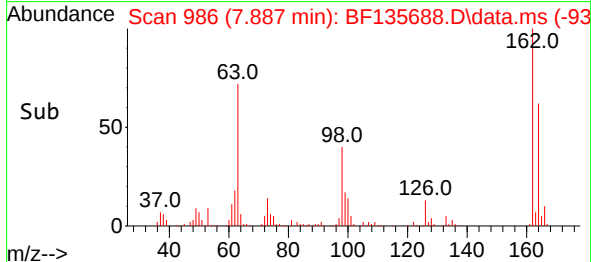
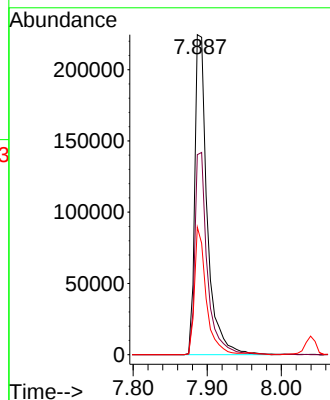
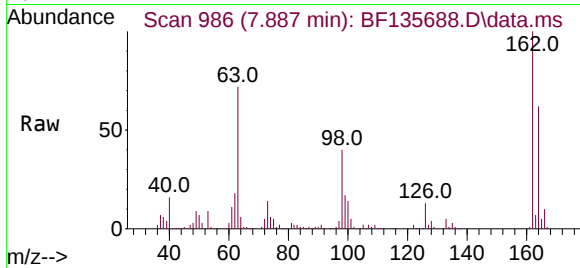
Tgt Ion:162 Resp: 262550

Ion Ratio Lower Upper

162 100

164 62.5 44.1 84.1

98 39.9 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 47.851 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

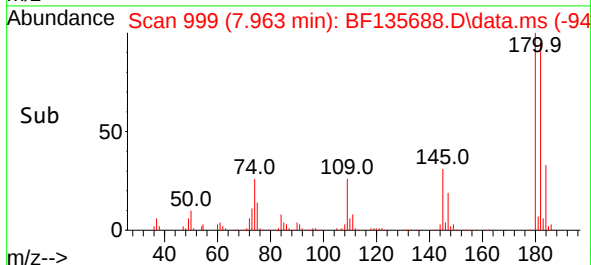
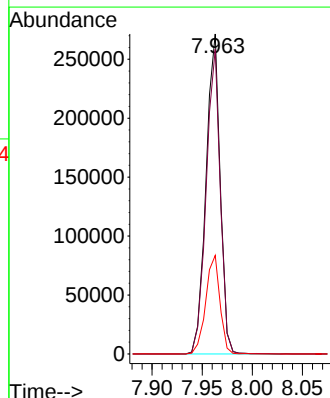
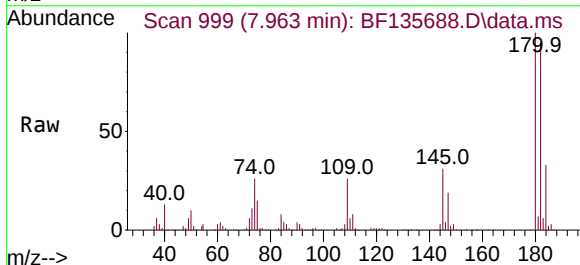
Tgt Ion:180 Resp: 267749

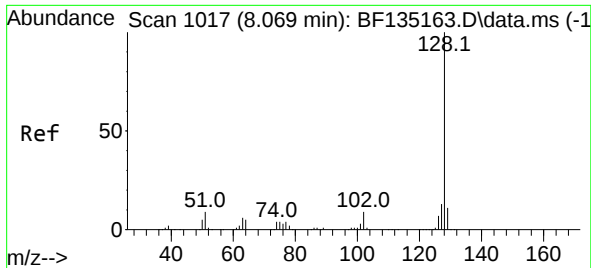
Ion Ratio Lower Upper

180 100

182 95.2 76.9 115.3

145 30.8 24.5 36.7

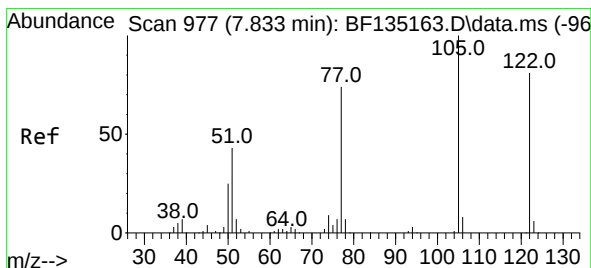
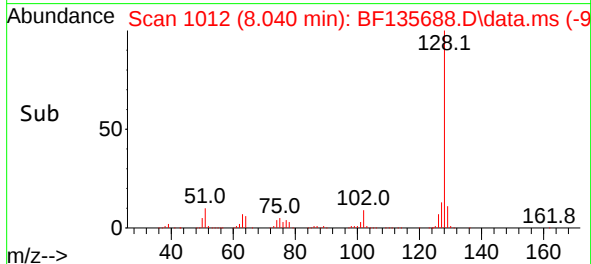
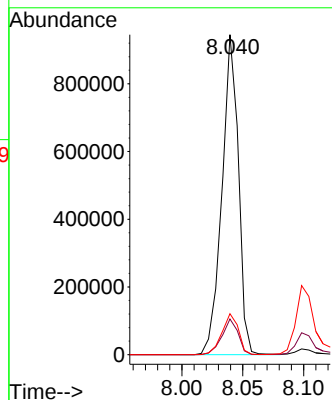
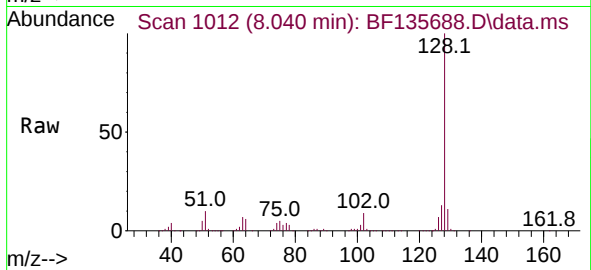




#31
Naphthalene
Concen: 46.486 ng
RT: 8.040 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

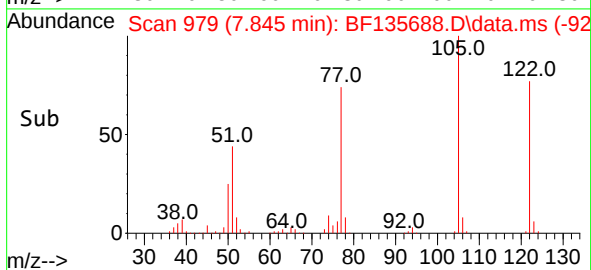
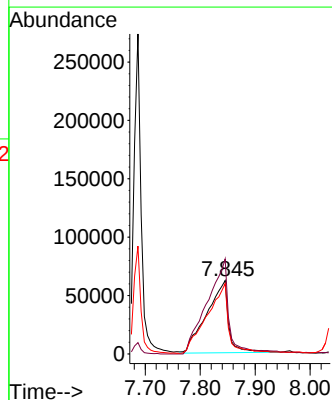
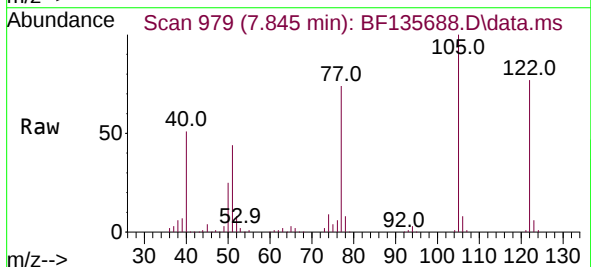
Instrument :
BNA_F
ClientSampleId :
PB156053BS

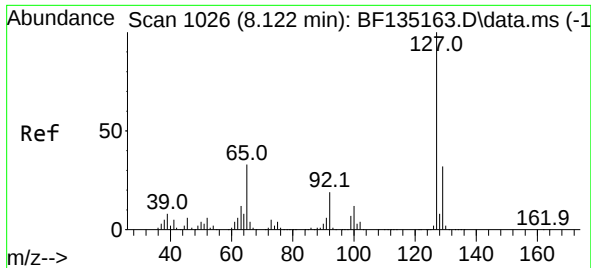
Tgt Ion:128 Resp: 889079
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.8 10.7 16.1



#32
Benzoic acid
Concen: 39.651 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:122 Resp: 172493
Ion Ratio Lower Upper
122 100
105 129.3 99.9 139.9
77 95.7 70.0 110.0





#33

4-Chloroaniline

Concen: 27.339 ng

RT: 8.098 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

Tgt Ion:127 Resp: 229405

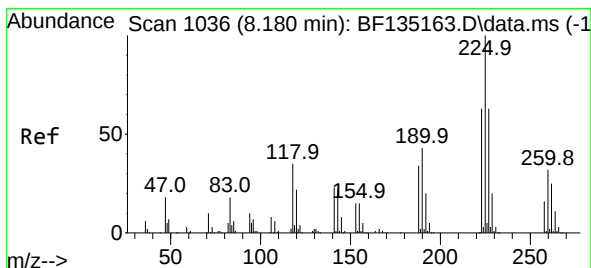
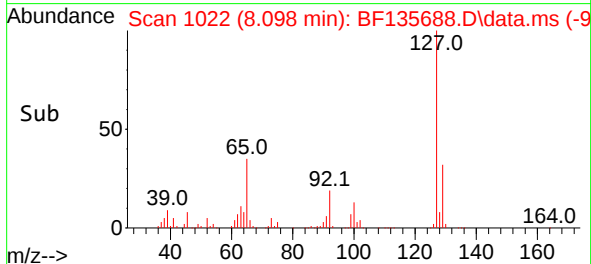
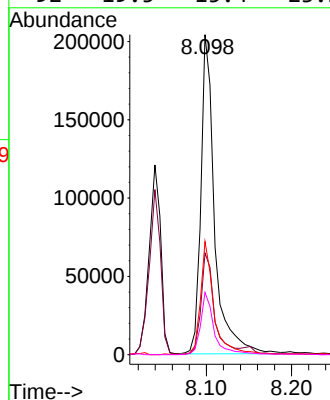
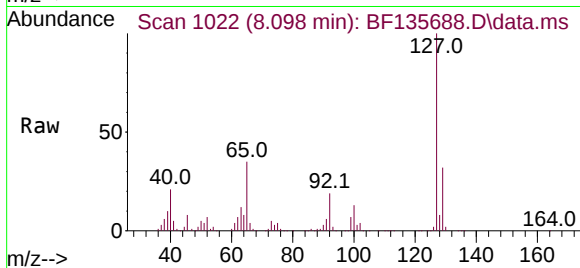
Ion Ratio Lower Upper

127 100

129 31.8 25.8 38.8

65 35.3 26.6 39.8

92 19.5 15.4 23.2



#34

Hexachlorobutadiene

Concen: 46.232 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

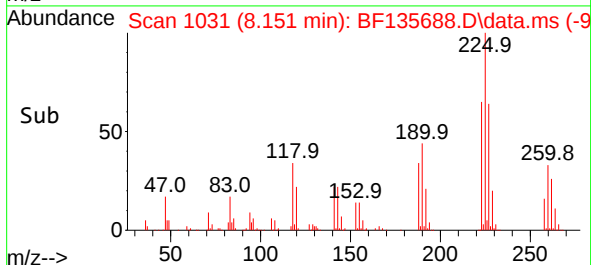
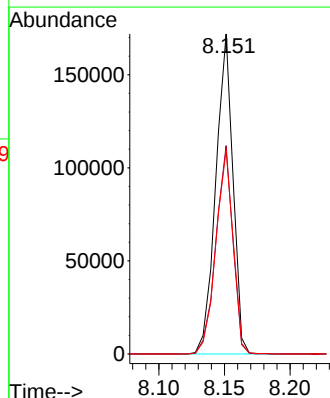
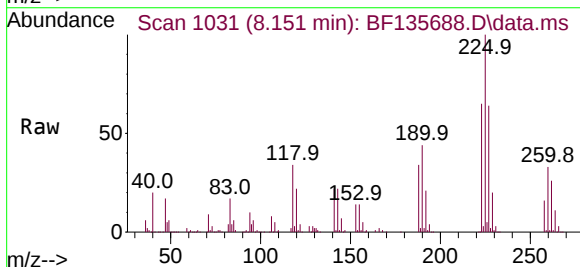
Tgt Ion:225 Resp: 155983

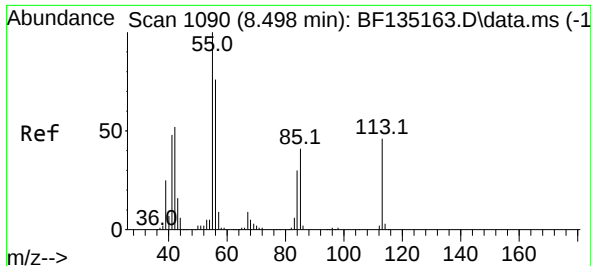
Ion Ratio Lower Upper

225 100

223 65.1 50.6 75.8

227 63.7 50.8 76.2

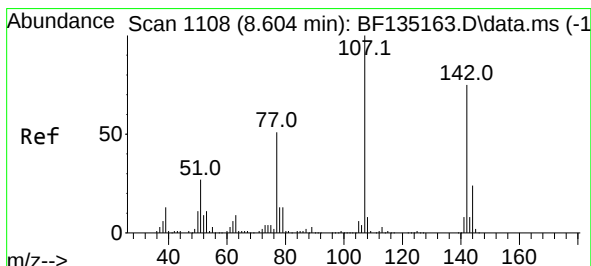
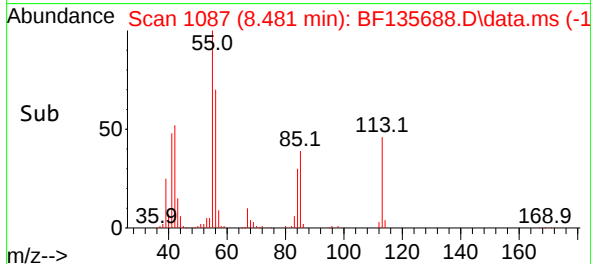
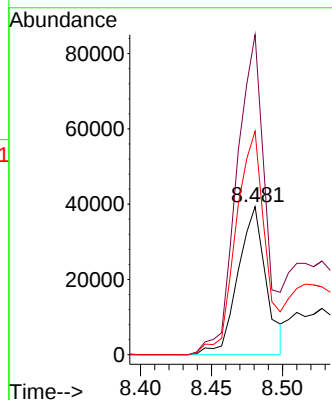
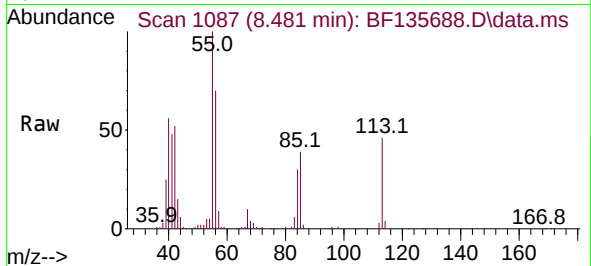




#35
 Caprolactam
 Concen: 30.073 ng
 RT: 8.481 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF135688.D
 Acq: 10 Oct 2023 16:56

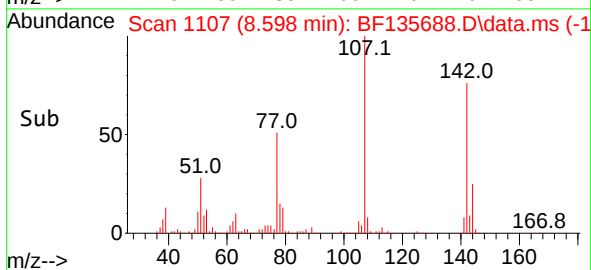
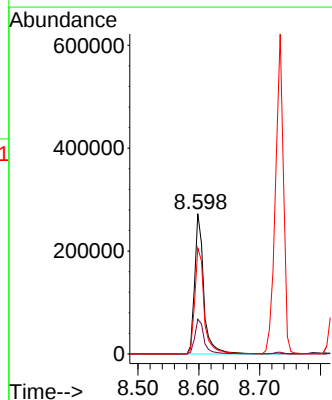
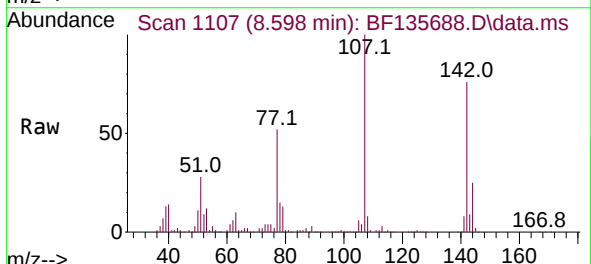
Instrument :
 BNA_F
 ClientSampleId :
 PB156053BS

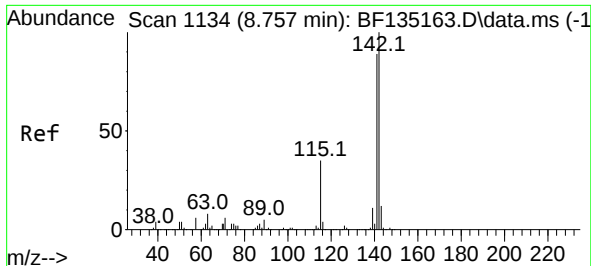
Tgt Ion:113 Resp: 54031
 Ion Ratio Lower Upper
 113 100
 55 216.3 199.3 239.3
 56 151.1 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.435 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF135688.D
 Acq: 10 Oct 2023 16:56

Tgt Ion:107 Resp: 282227
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.0 28.4
 142 75.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.837 ng

RT: 8.734 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

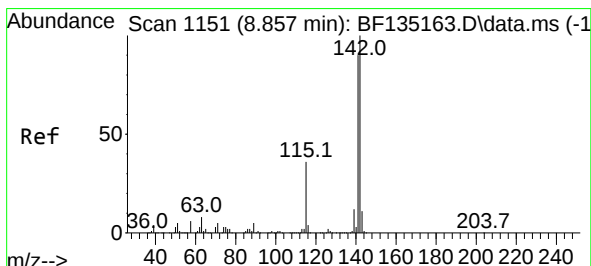
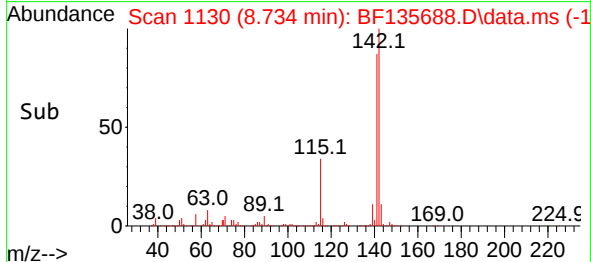
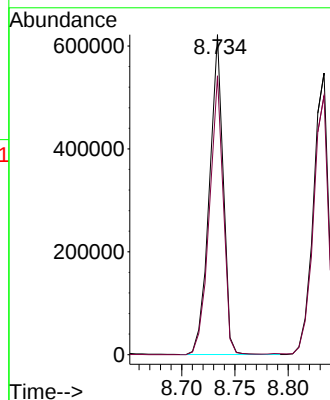
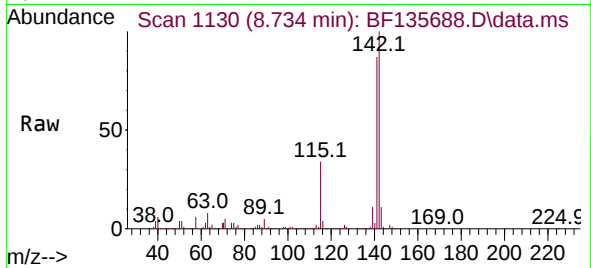
PB156053BS

Tgt Ion:142 Resp: 563575

Ion Ratio Lower Upper

142 100

141 87.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 44.487 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135688.D

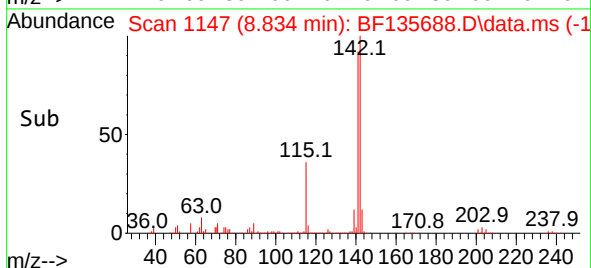
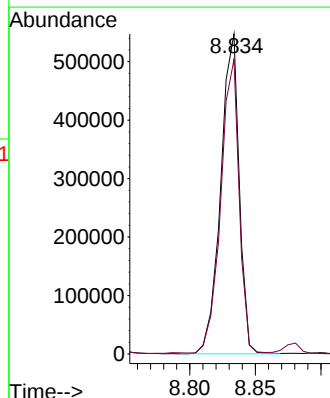
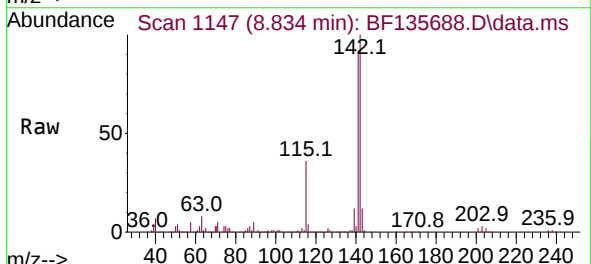
Acq: 10 Oct 2023 16:56

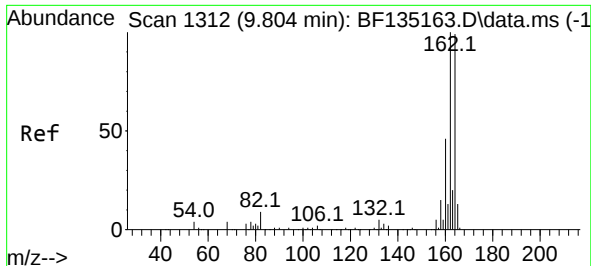
Tgt Ion:142 Resp: 535469

Ion Ratio Lower Upper

142 100

141 92.0 72.4 108.6

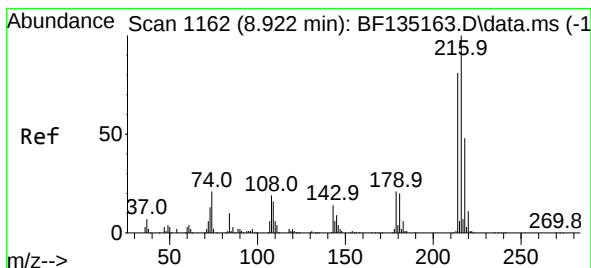
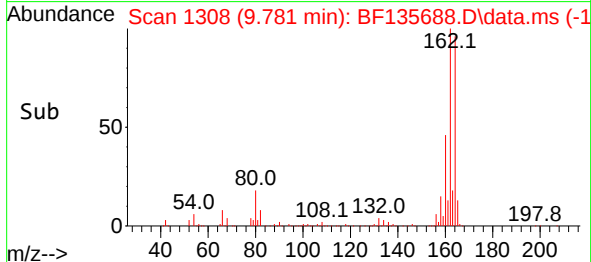
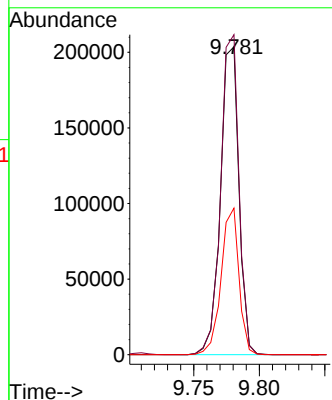
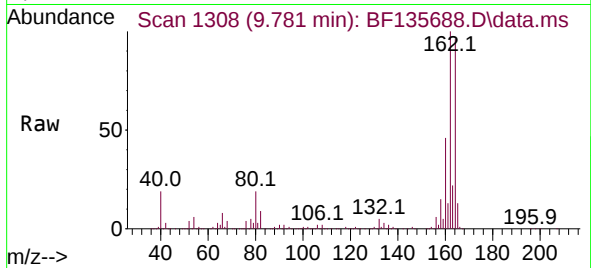




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

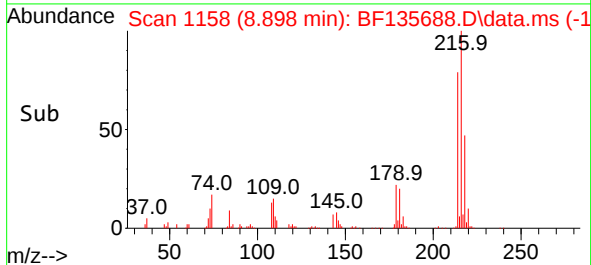
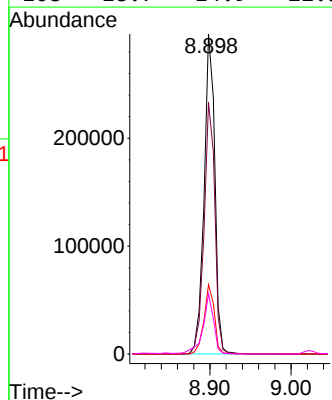
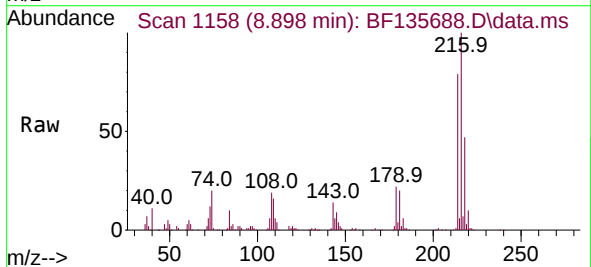
Instrument :
BNA_F
ClientSampleId :
PB156053BS

Tgt Ion:164 Resp: 199602
Ion Ratio Lower Upper
164 100
162 103.9 81.0 121.4
160 47.6 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.973 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:216 Resp: 271630
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 20.8 16.7 25.1
108 18.7 14.9 22.3

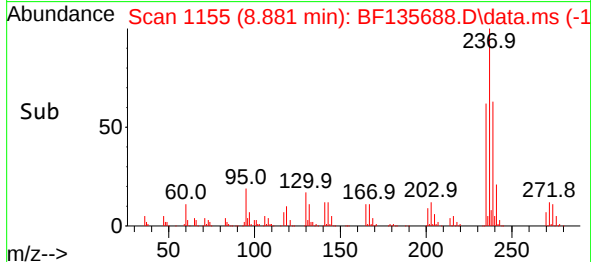
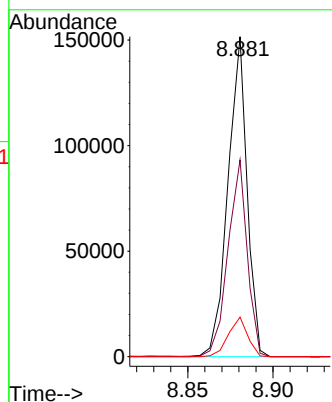
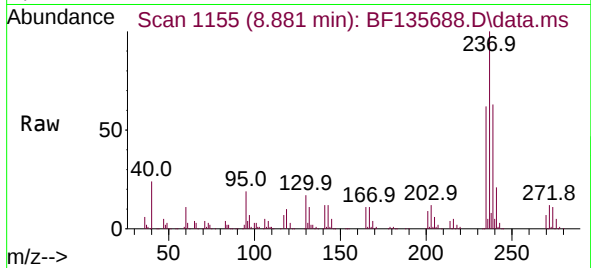




#41
Hexachlorocyclopentadiene
Concen: 49.513 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

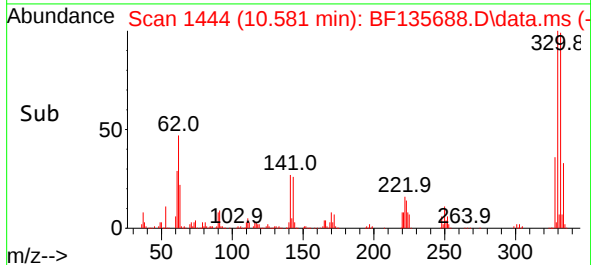
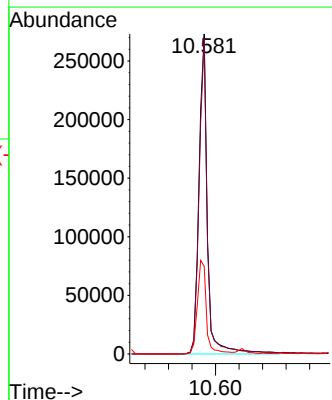
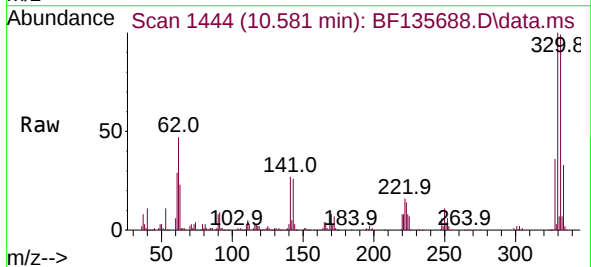
Instrument :
BNA_F
ClientSampleId :
PB156053BS

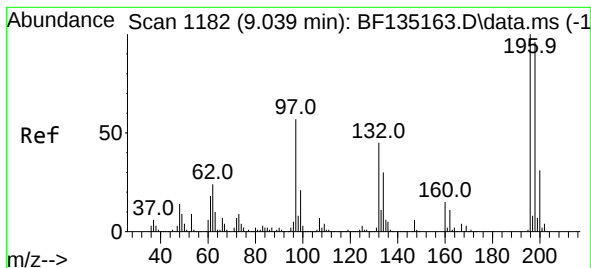
Tgt Ion:237 Resp: 118261
Ion Ratio Lower Upper
237 100
235 61.5 41.8 81.8
272 12.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 136.090 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:330 Resp: 269942
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 31.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 45.116 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

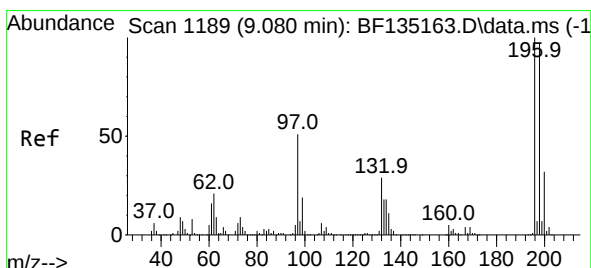
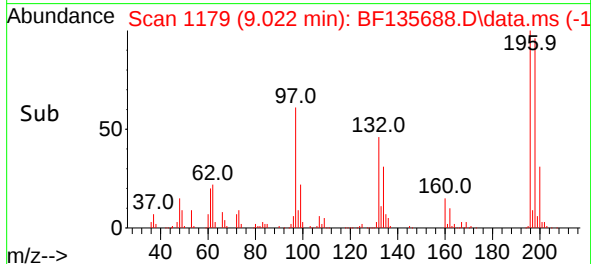
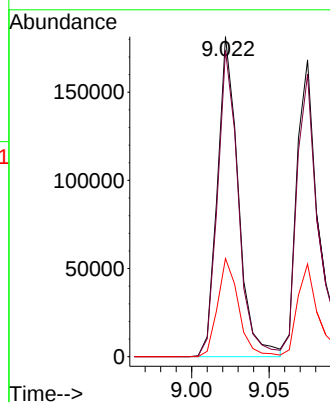
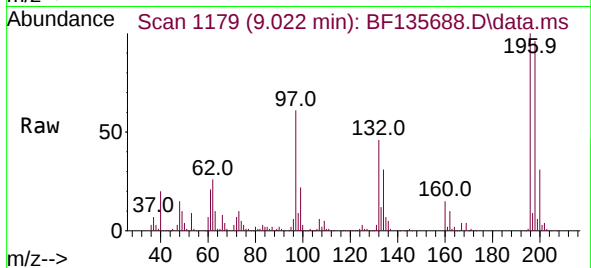
Tgt Ion:196 Resp: 170816

Ion Ratio Lower Upper

196 100

198 95.7 77.0 115.6

200 30.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 41.020 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Tgt Ion:196 Resp: 178854

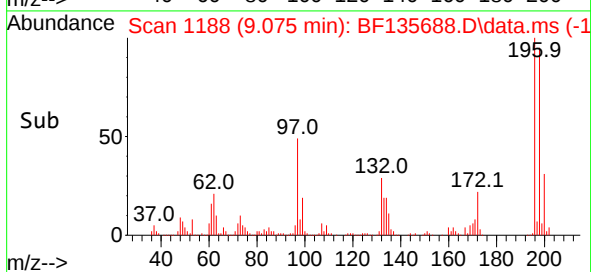
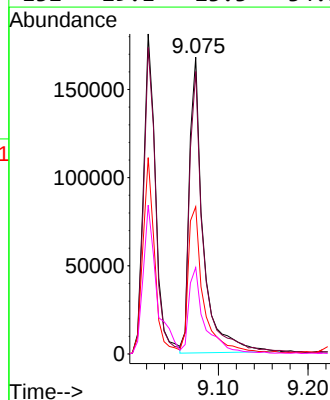
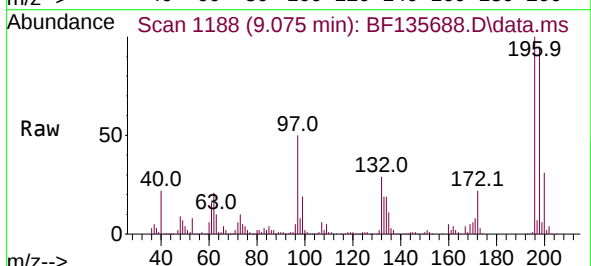
Ion Ratio Lower Upper

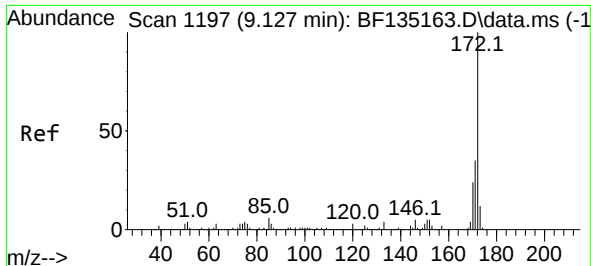
196 100

198 95.1 77.5 116.3

97 49.6 40.5 60.7

132 29.1 23.3 34.9

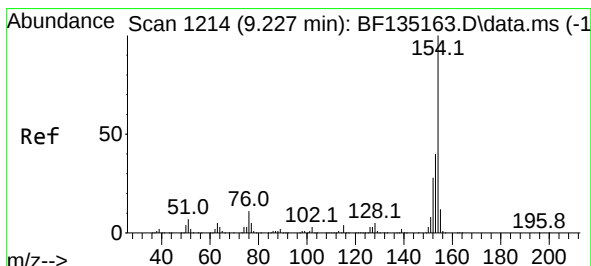
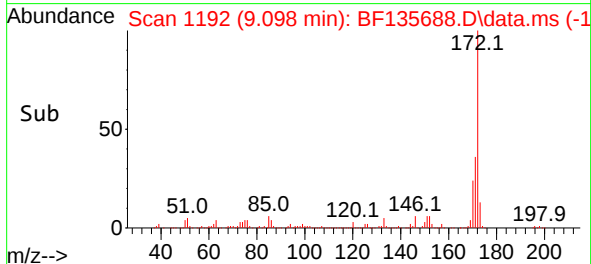
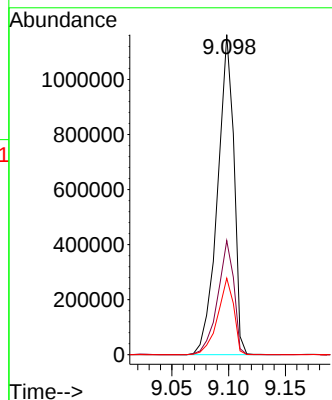
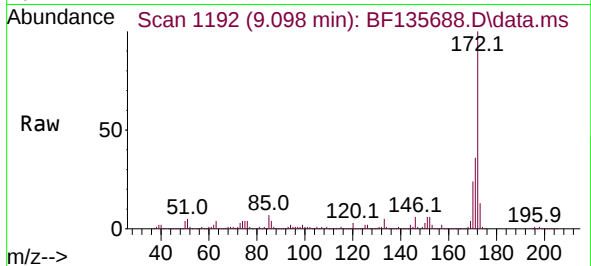




#45
2-Fluorobiphenyl
Concen: 88.291 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

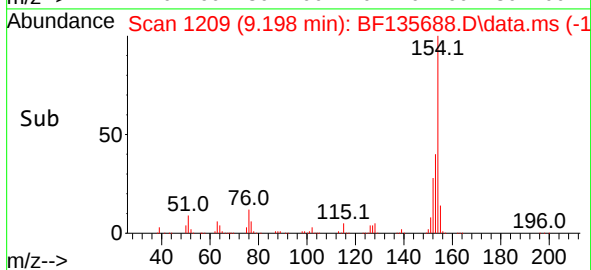
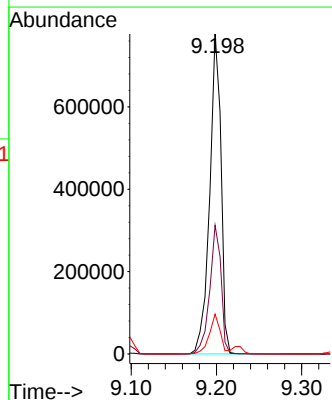
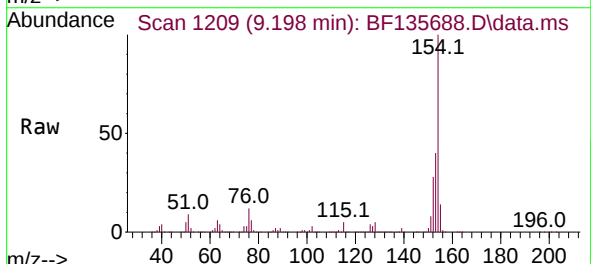
Instrument :
BNA_F
ClientSampleId :
PB156053BS

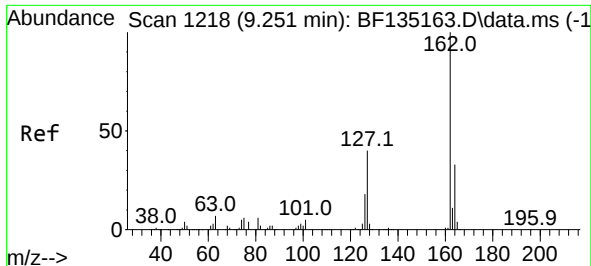
Tgt Ion:172 Resp: 1168082
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 46.954 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:154 Resp: 720234
Ion Ratio Lower Upper
154 100
153 40.2 19.6 59.6
76 12.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 48.246 ng

RT: 9.228 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

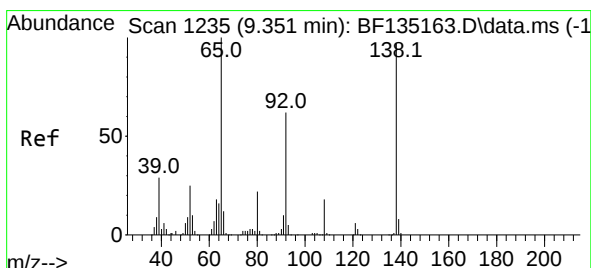
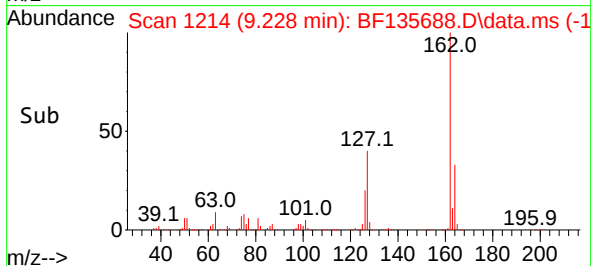
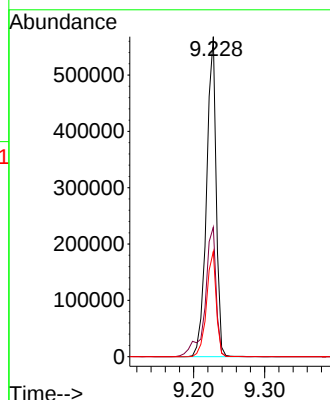
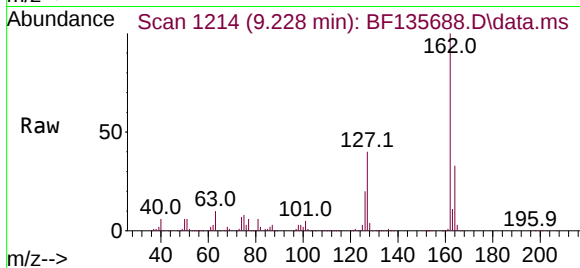
Tgt Ion:162 Resp: 536948

Ion Ratio Lower Upper

162 100

127 40.4 32.6 48.8

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 46.803 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

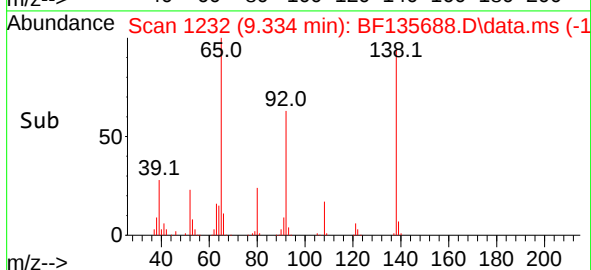
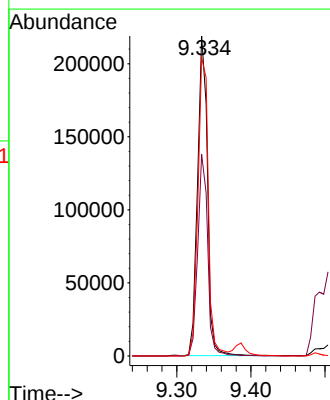
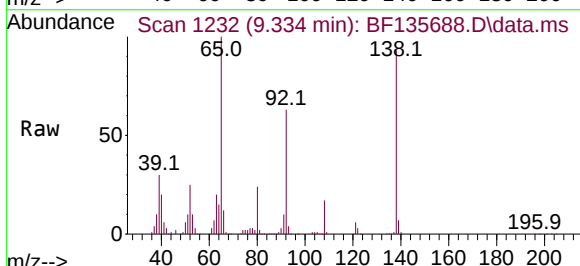
Tgt Ion: 65 Resp: 202366

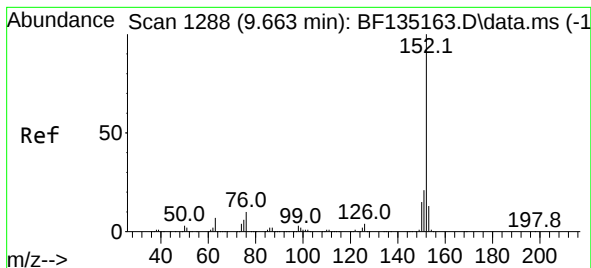
Ion Ratio Lower Upper

65 100

92 63.1 49.4 74.0

138 93.2 77.4 116.0





#49

Acenaphthylene

Concen: 46.949 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

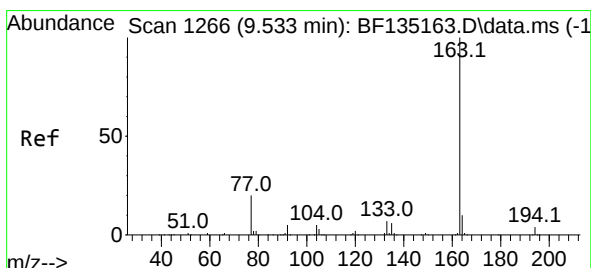
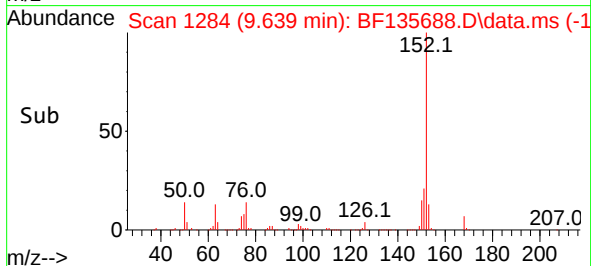
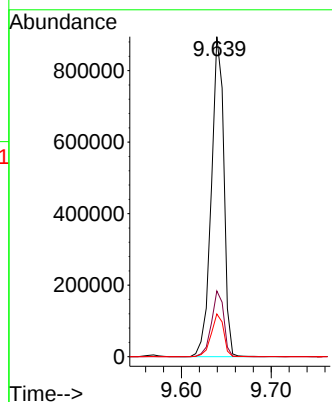
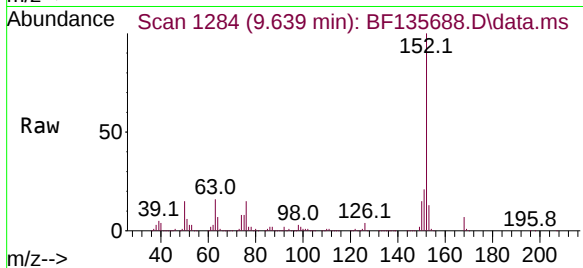
Tgt Ion:152 Resp: 868389

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 46.520 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

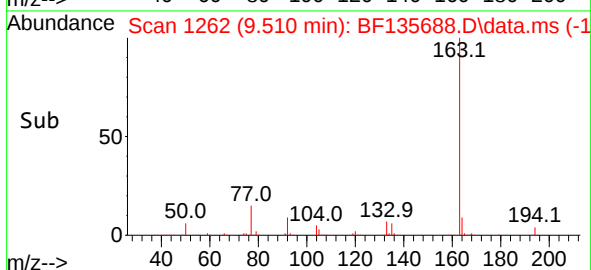
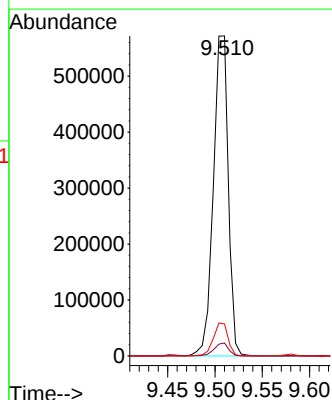
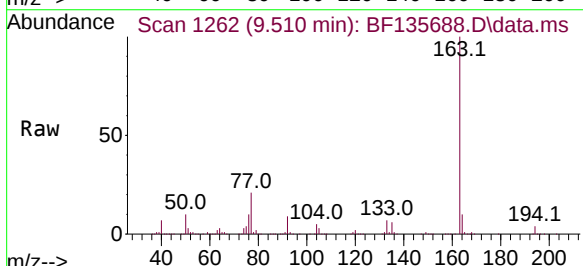
Tgt Ion:163 Resp: 627791

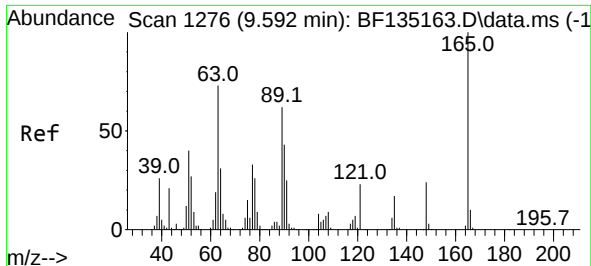
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.0 8.1 12.1

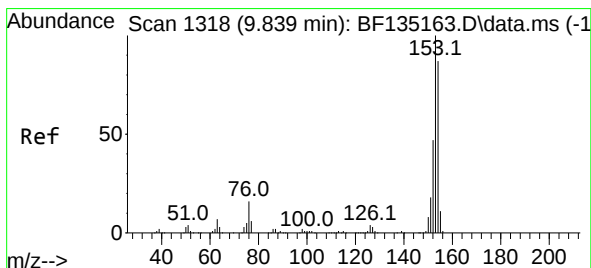
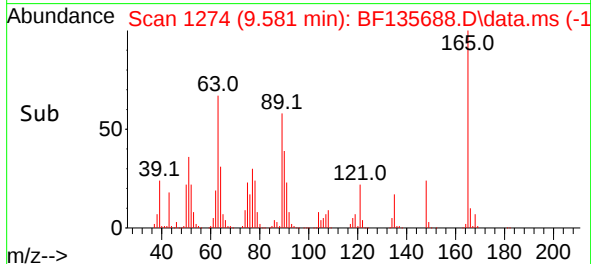
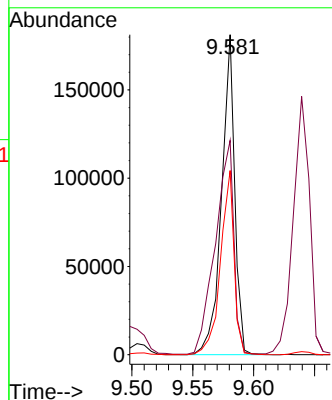
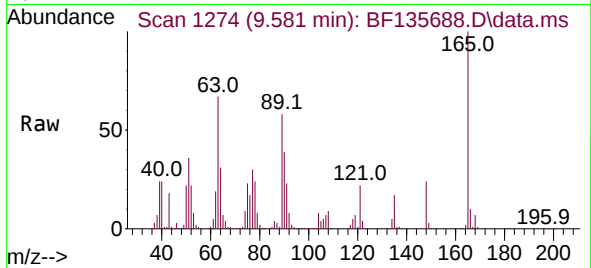




#51
2,6-Dinitrotoluene
Concen: 46.265 ng
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

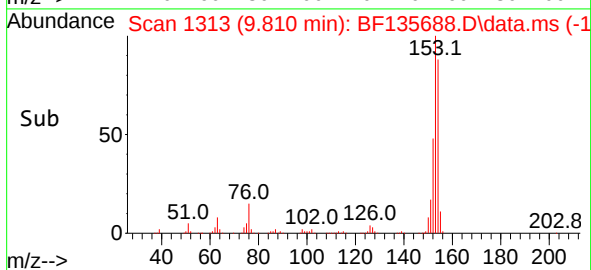
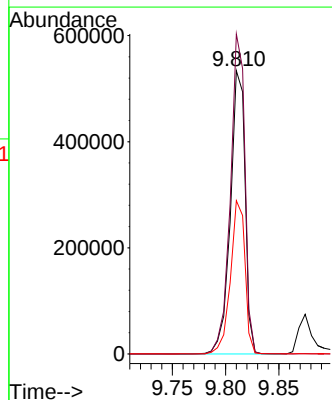
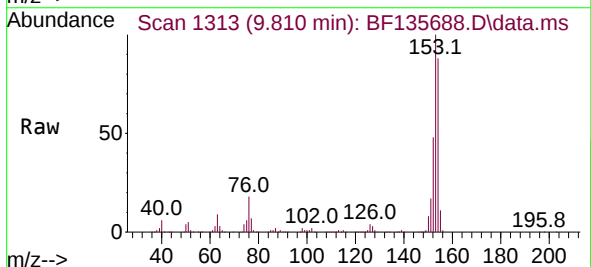
Instrument :
BNA_F
ClientSampleId :
PB156053BS

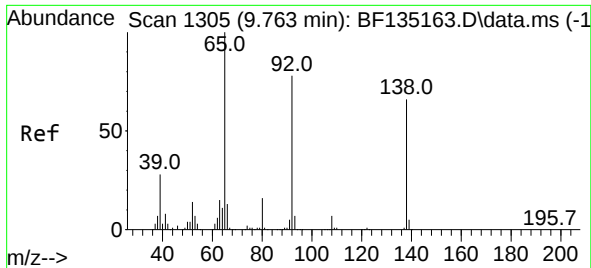
Tgt Ion:165 Resp: 136774
Ion Ratio Lower Upper
165 100
63 66.9 59.4 89.2
89 57.5 49.8 74.8



#52
Acenaphthene
Concen: 47.094 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:154 Resp: 514574
Ion Ratio Lower Upper
154 100
153 113.0 92.1 138.1
152 54.1 43.1 64.7

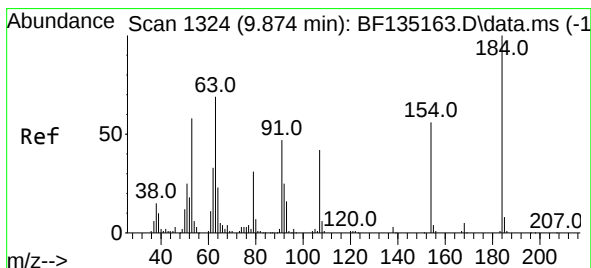
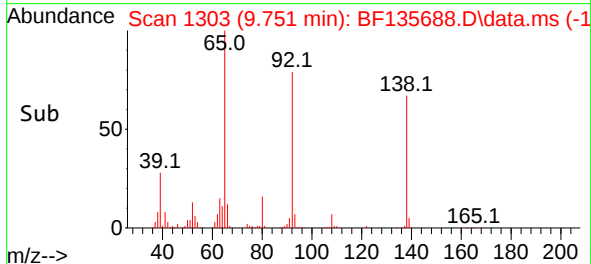
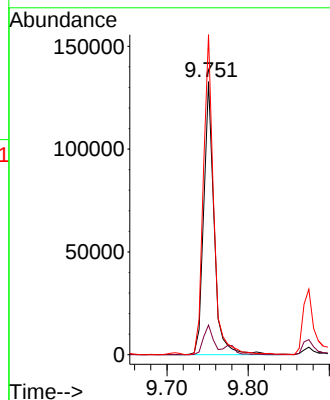
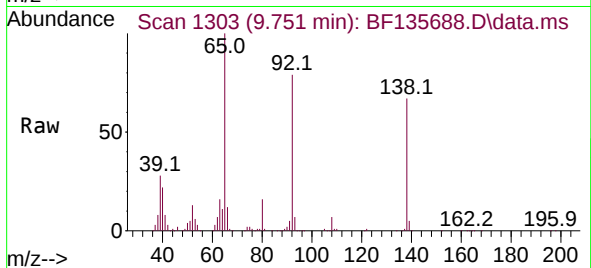




#53
3-Nitroaniline
Concen: 33.845 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

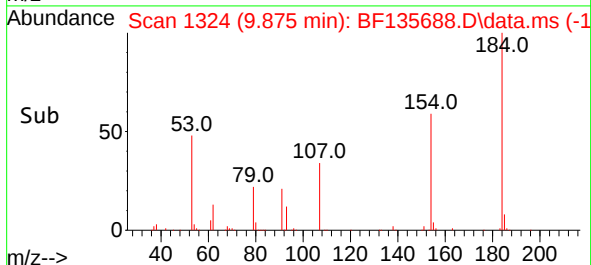
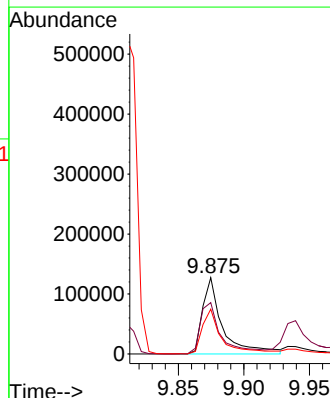
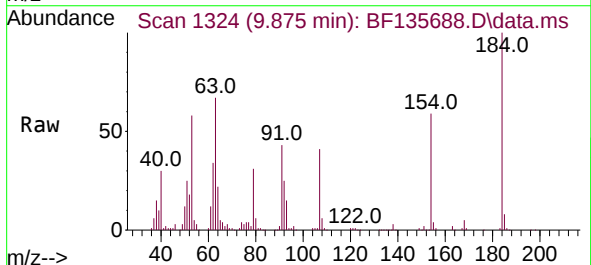
Instrument :
BNA_F
ClientSampleId :
PB156053BS

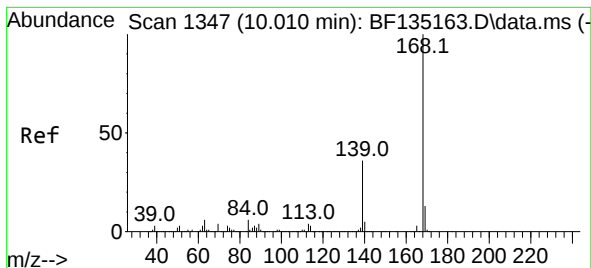
Tgt Ion:138 Resp: 117450
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 117.3 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 80.709 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:184 Resp: 135554
Ion Ratio Lower Upper
184 100
63 67.4 55.1 82.7
154 58.7 48.4 72.6

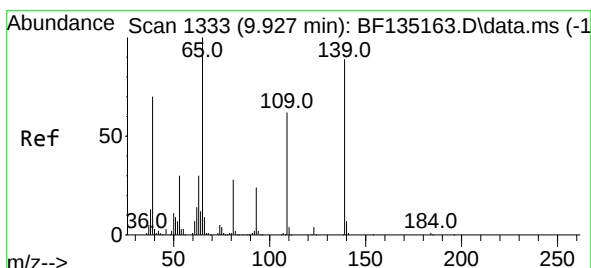
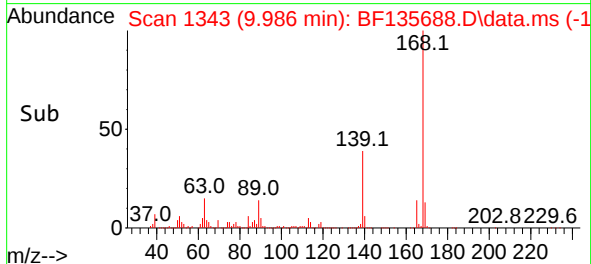
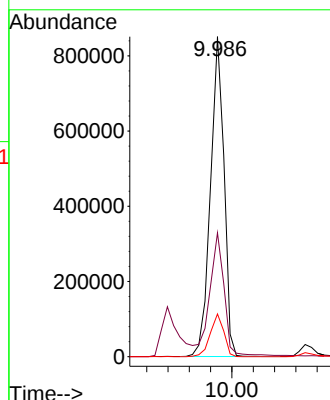
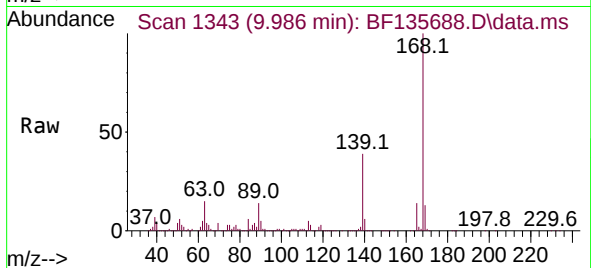




#55
Dibenzenofuran
Concen: 45.082 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

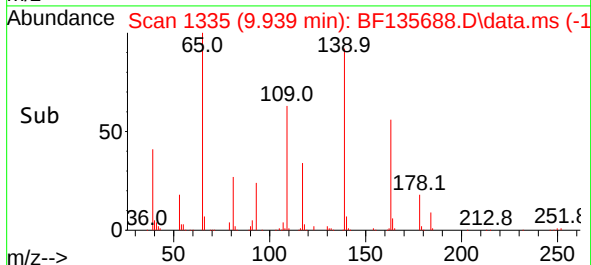
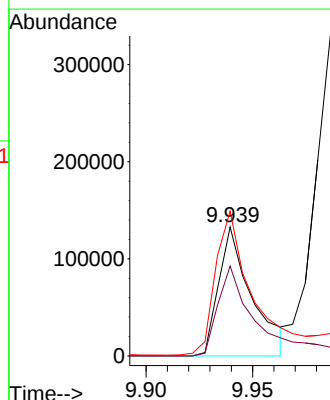
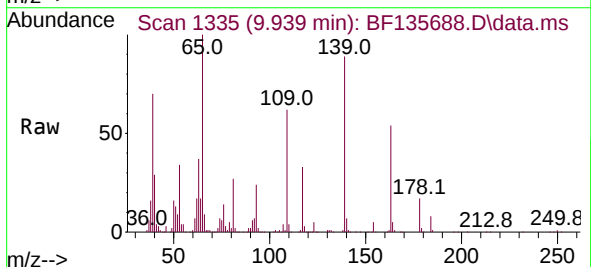
Instrument :
BNA_F
ClientSampleId :
PB156053BS

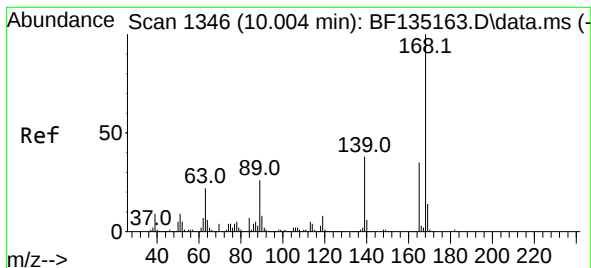
Tgt Ion:168 Resp: 751690
Ion Ratio Lower Upper
168 100
139 38.7 29.0 43.6
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 64.887 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:139 Resp: 143109
Ion Ratio Lower Upper
139 100
109 69.7 49.8 89.8
65 112.3 92.7 132.7

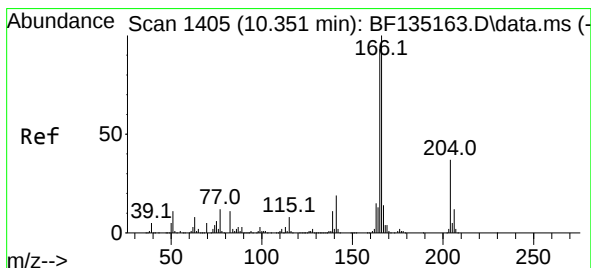
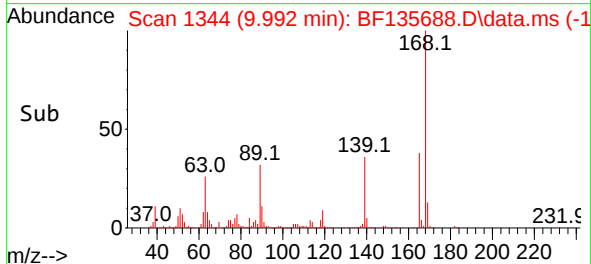
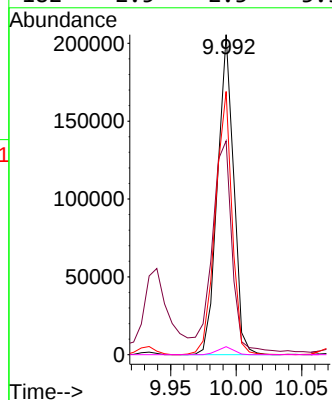
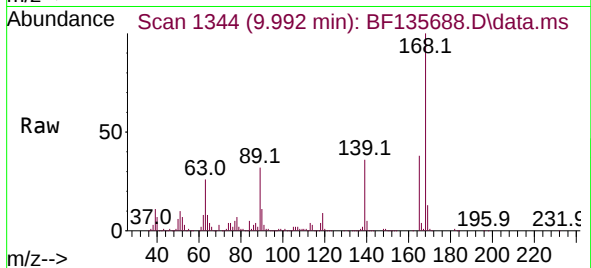




#57
2,4-Dinitrotoluene
Concen: 47.353 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

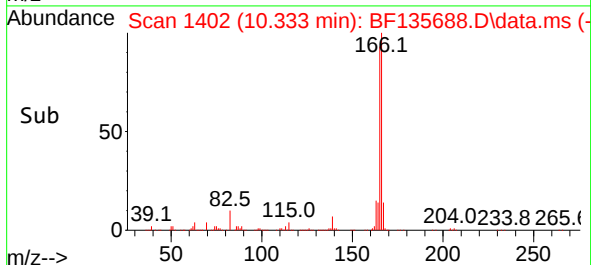
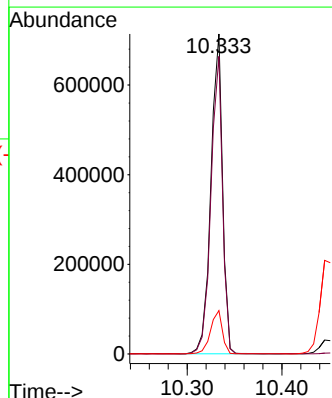
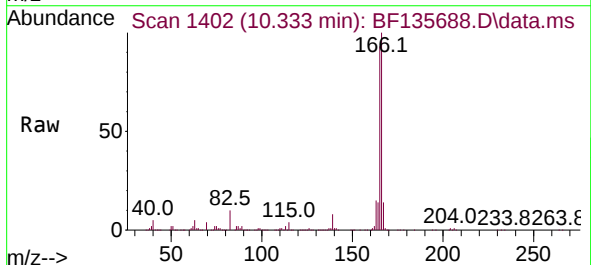
Instrument :
BNA_F
ClientSampleId :
PB156053BS

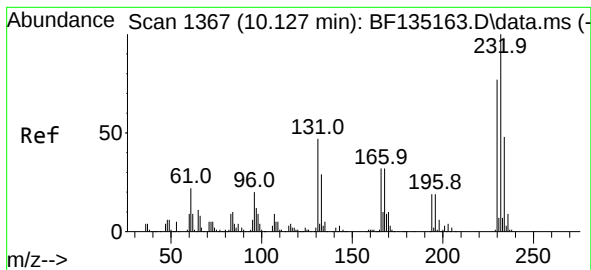
Tgt Ion:165 Resp: 175258
Ion Ratio Lower Upper
165 100
63 66.8 50.1 75.1
89 82.3 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 47.298 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:166 Resp: 606274
Ion Ratio Lower Upper
166 100
165 93.0 74.3 111.5
167 13.5 10.9 16.3

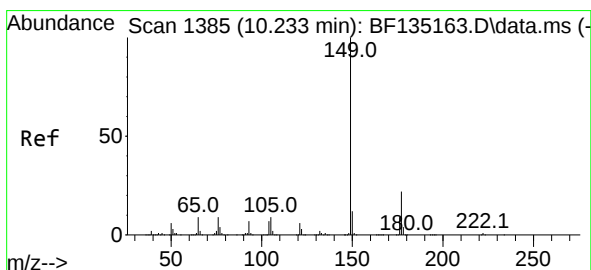
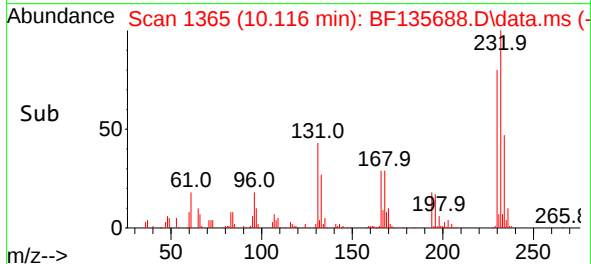
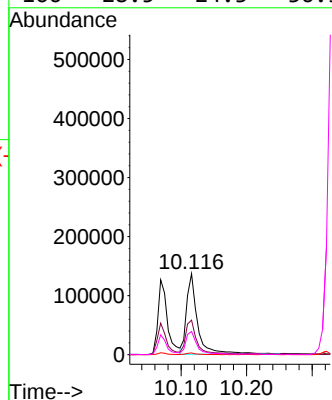
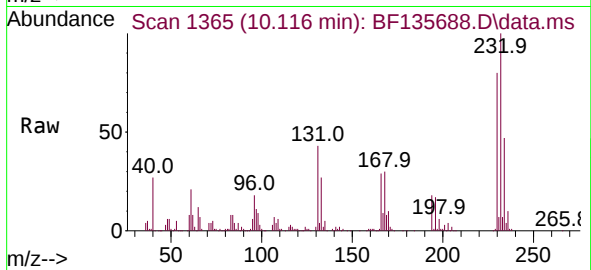




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.202 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

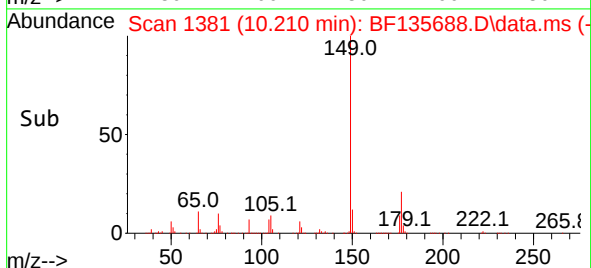
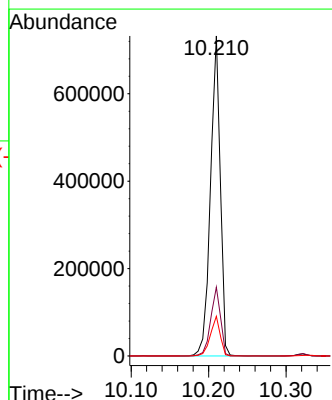
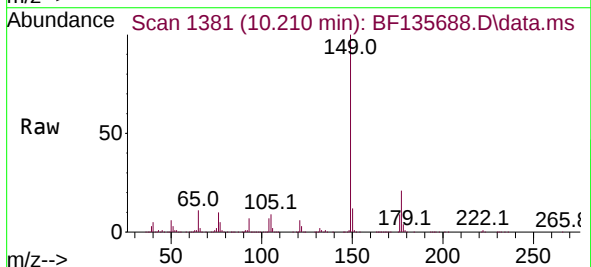
Instrument :
BNA_F
ClientSampleId :
PB156053BS

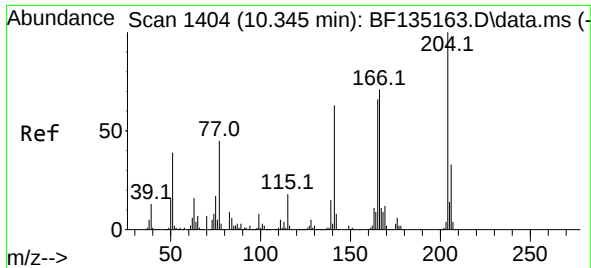
Tgt Ion:232 Resp: 158316
Ion Ratio Lower Upper
232 100
131 41.9 35.4 53.2
130 2.2 1.8 2.8
166 28.5 24.3 36.5



#60
Diethylphthalate
Concen: 47.453 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:149 Resp: 642688
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.6
150 12.4 10.0 15.0

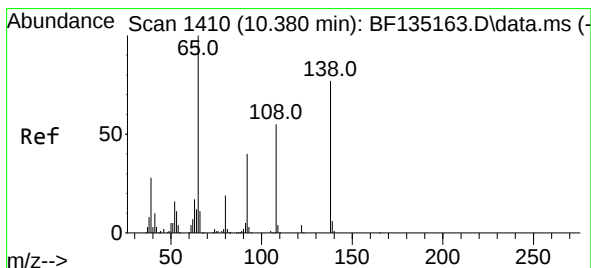
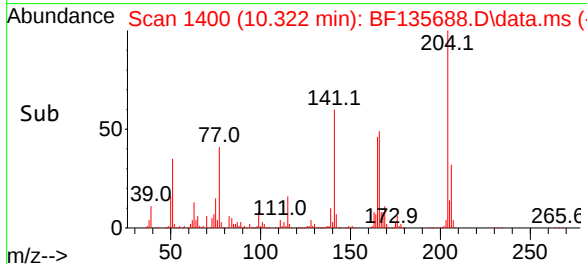
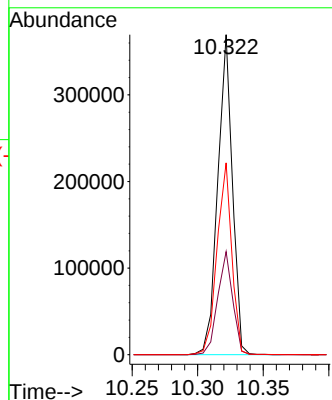
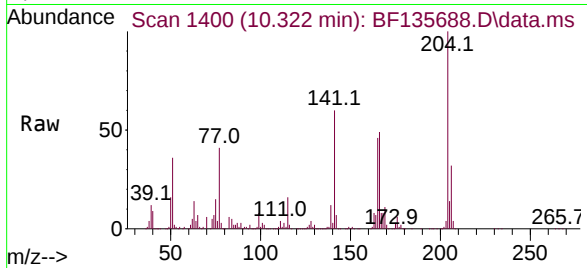




#61
4-Chlorophenyl-phenylether
Concen: 46.471 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

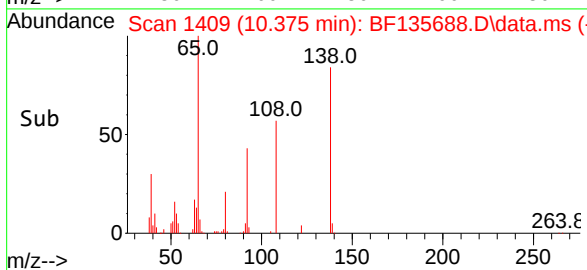
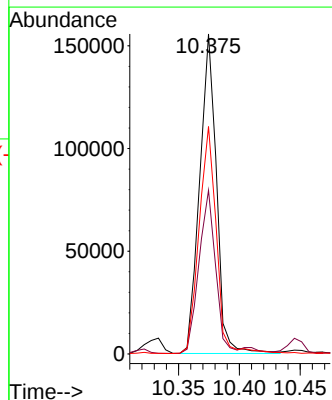
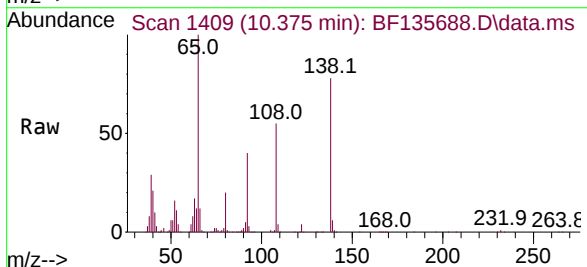
Instrument :
BNA_F
ClientSampleId :
PB156053BS

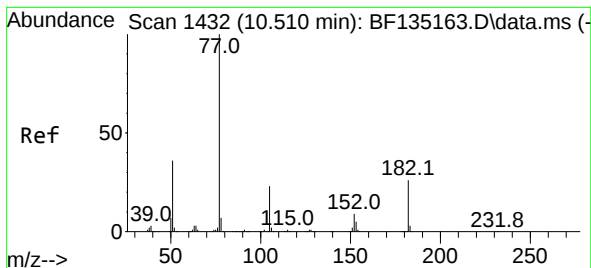
Tgt Ion:204 Resp: 286143
Ion Ratio Lower Upper
204 100
206 32.2 26.7 40.1
141 60.0 50.6 75.8



#62
4-Nitroaniline
Concen: 44.916 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:138 Resp: 149827
Ion Ratio Lower Upper
138 100
92 51.2 31.8 71.8
108 71.1 52.0 92.0





#63

Azobenzene

Concen: 46.392 ng

RT: 10.486 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

Tgt Ion: 77 Resp: 614930

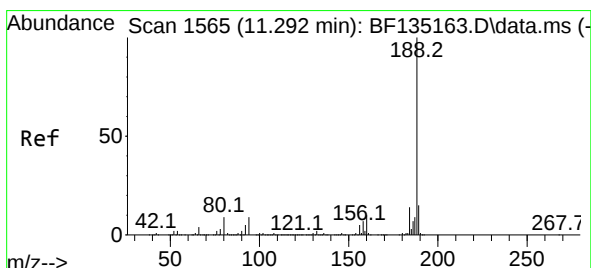
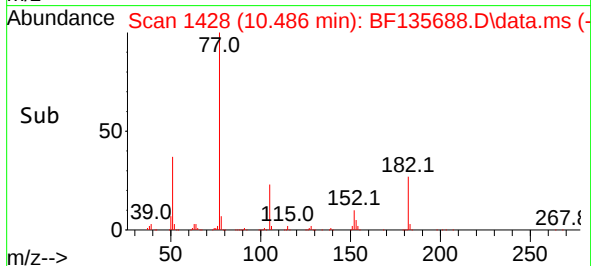
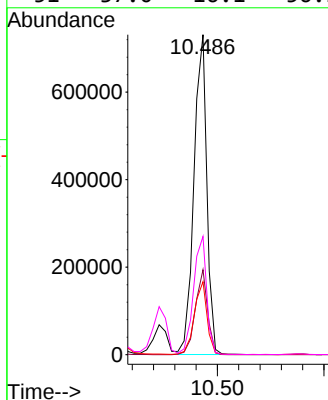
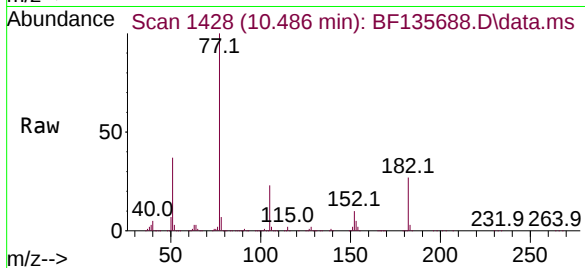
Ion Ratio Lower Upper

77 100

182 26.5 6.4 46.4

105 22.8 3.1 43.1

51 37.0 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: BF135688.D

Acq: 10 Oct 2023 16:56

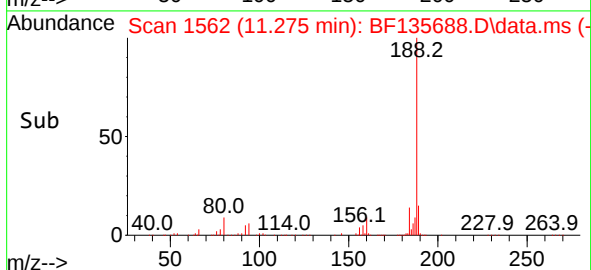
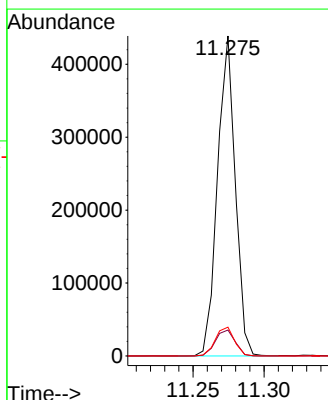
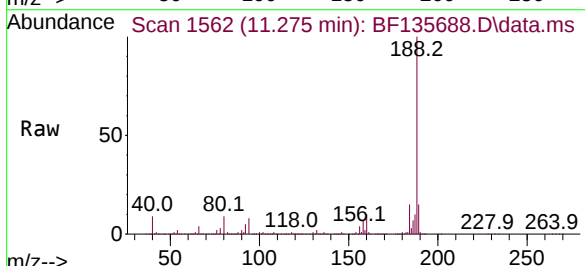
Tgt Ion: 188 Resp: 381880

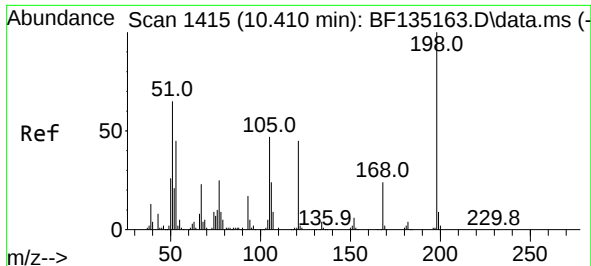
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 9.0 7.5 11.3

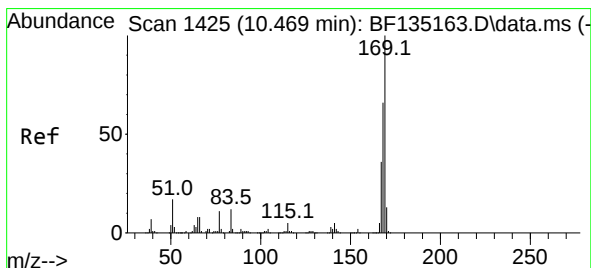
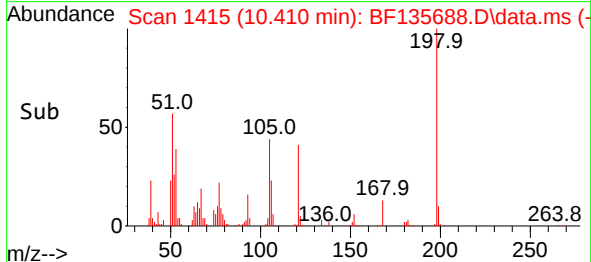
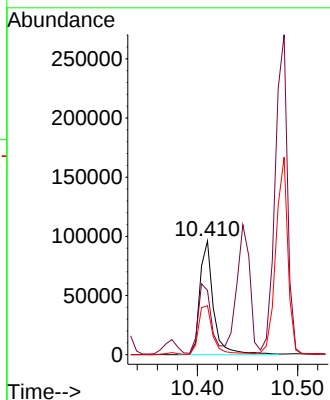
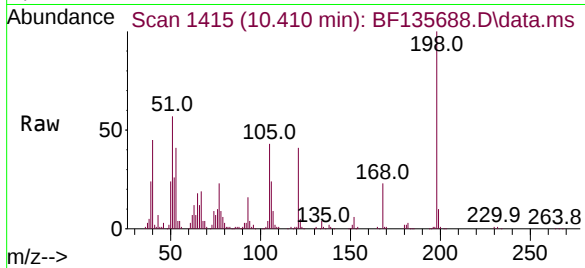




#65
4,6-Dinitro-2-methylphenol
Concen: 44.598 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

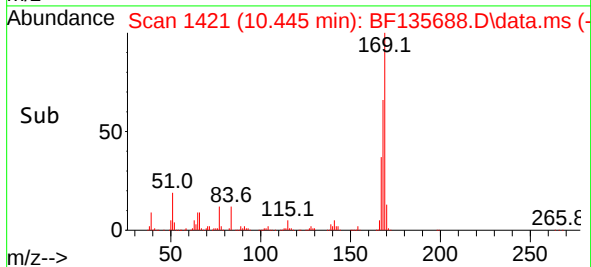
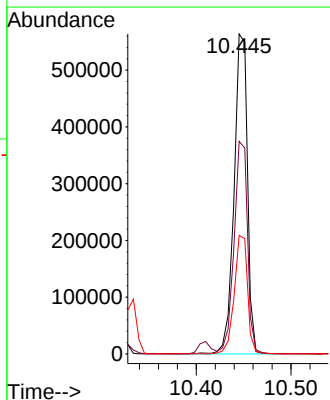
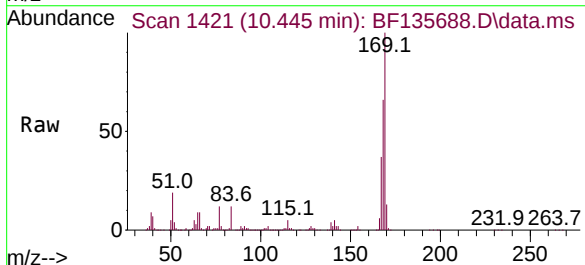
Instrument :
BNA_F
ClientSampleId :
PB156053BS

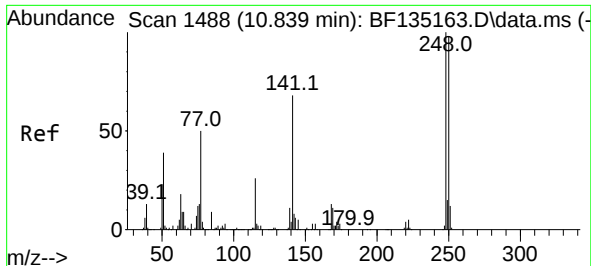
Tgt Ion:198 Resp: 90458
Ion Ratio Lower Upper
198 100
51 56.5 47.7 87.7
105 43.0 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 47.816 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:169 Resp: 552812
Ion Ratio Lower Upper
169 100
168 66.4 52.8 79.2
167 37.0 29.0 43.6

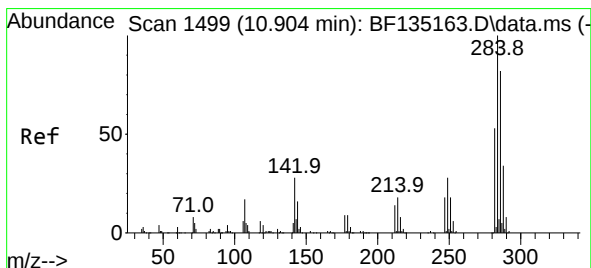
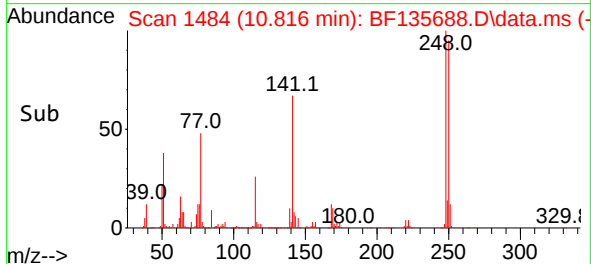
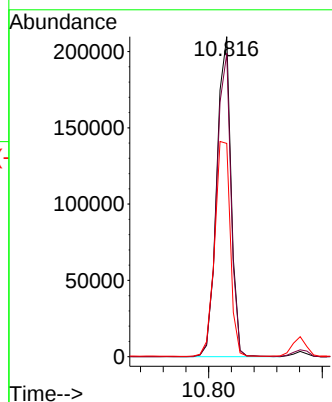
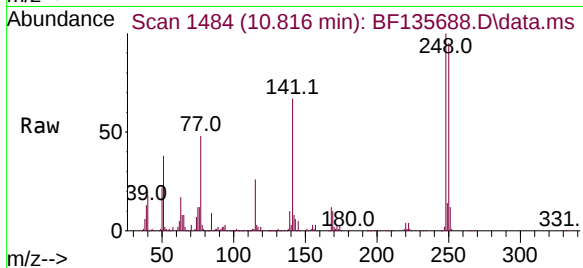




#67
4-Bromophenyl-phenylether
Concen: 48.342 ng
RT: 10.816 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

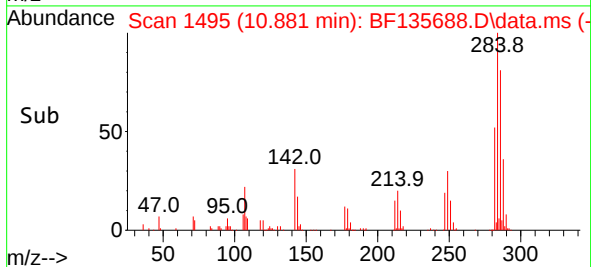
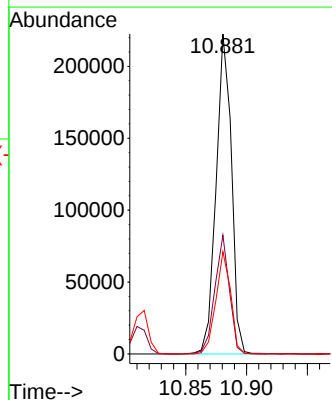
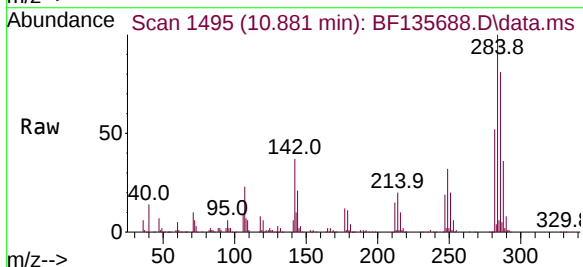
Instrument :
BNA_F
ClientSampleId :
PB156053BS

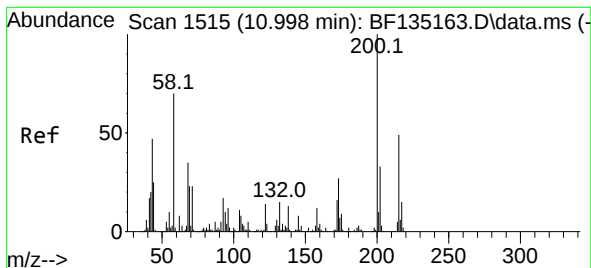
Tgt Ion:248 Resp: 183608
Ion Ratio Lower Upper
248 100
250 94.8 78.6 117.8
141 66.6 54.2 81.2



#68
Hexachlorobenzene
Concen: 50.297 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:284 Resp: 194616
Ion Ratio Lower Upper
284 100
142 37.1 22.2 33.4#
249 32.0 22.5 33.7





#69

Atrazine

Concen: 56.386 ng

RT: 10.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

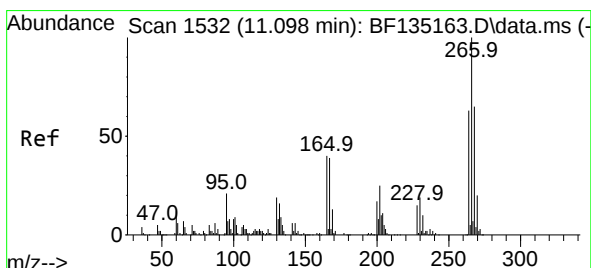
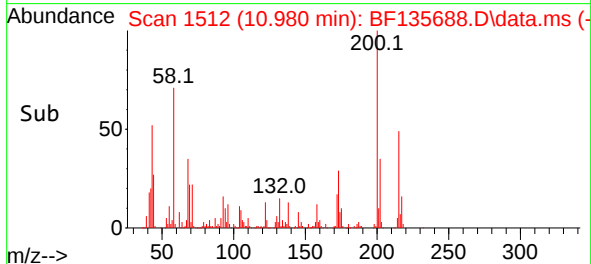
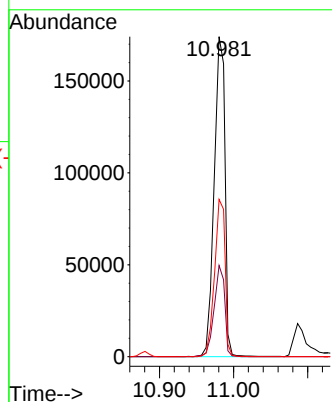
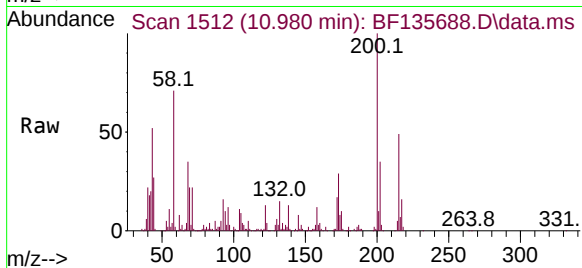
Tgt Ion:200 Resp: 175405

Ion Ratio Lower Upper

200 100

173 28.5 7.4 47.4

215 49.2 28.6 68.6



#70

Pentachlorophenol

Concen: 64.163 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

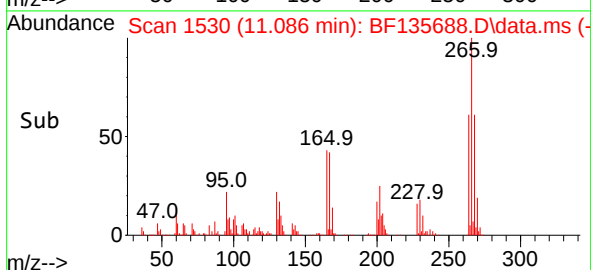
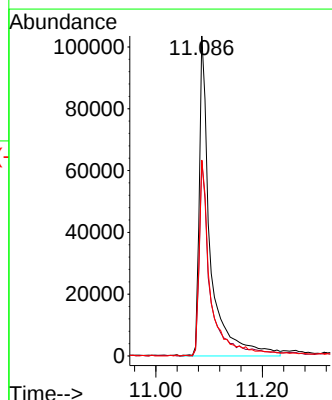
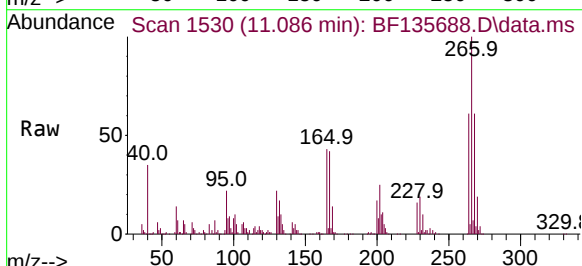
Tgt Ion:266 Resp: 148539

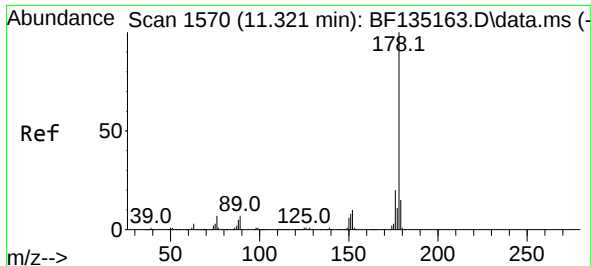
Ion Ratio Lower Upper

266 100

268 61.0 52.1 78.1

264 61.2 50.8 76.2

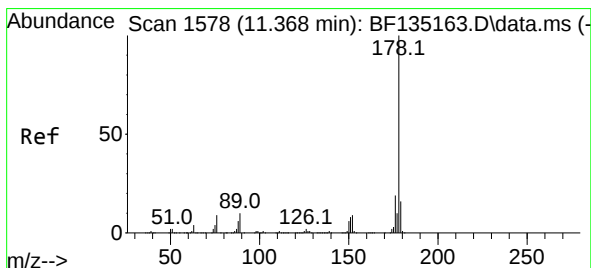
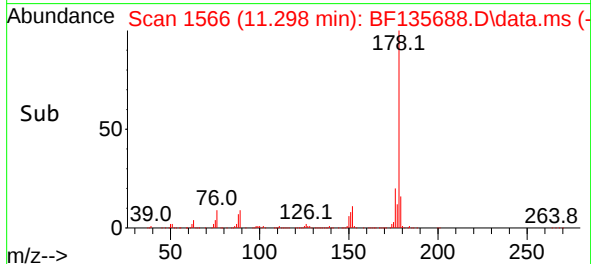
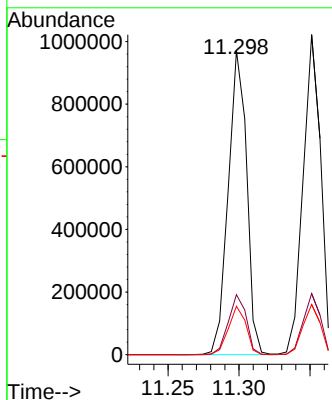
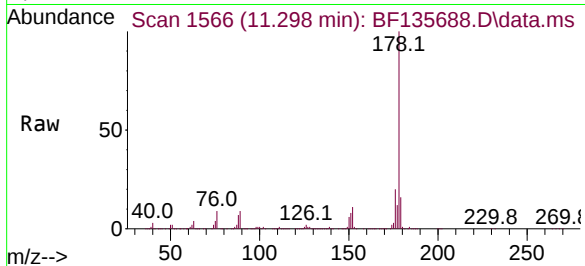




#71
Phenanthrene
Concen: 48.587 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

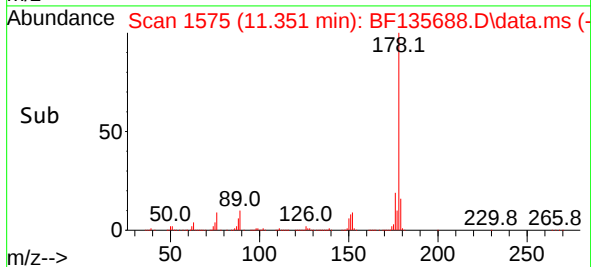
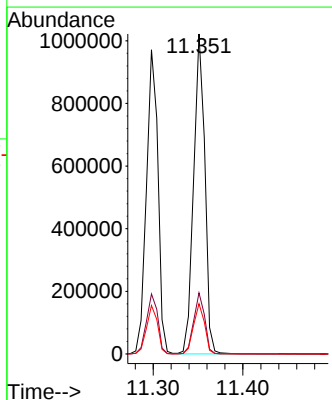
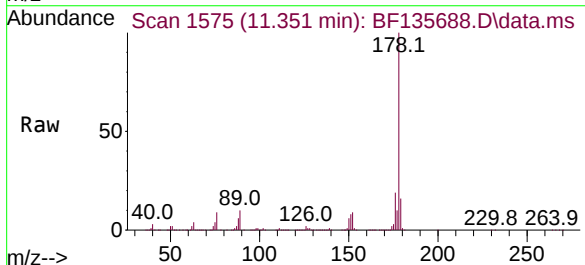
Instrument :
BNA_F
ClientSampleId :
PB156053BS

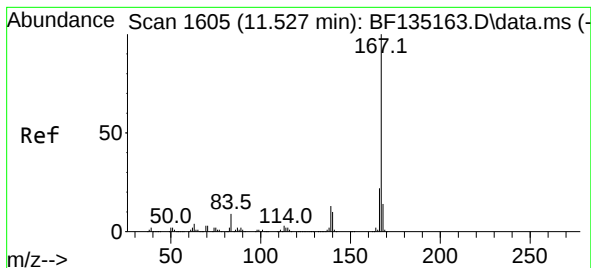
Tgt Ion:178 Resp: 877546
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.9 12.0 18.0



#72
Anthracene
Concen: 47.757 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:178 Resp: 886617
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.6 19.0





#73

Carbazole

Concen: 49.943 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

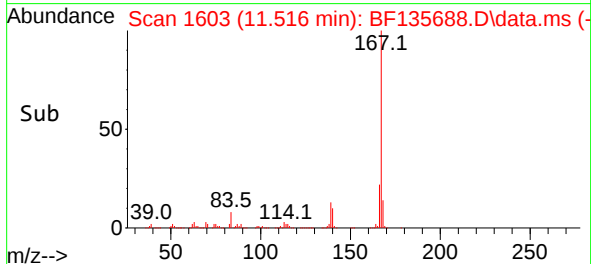
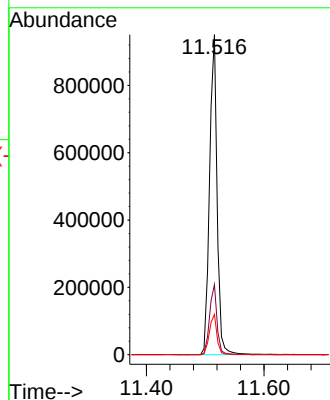
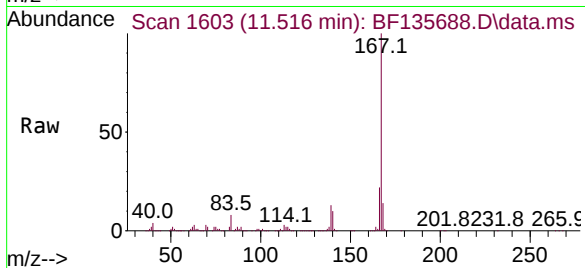
Tgt Ion:167 Resp: 844052

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 12.6 10.6 15.8



#74

Di-n-butylphthalate

Concen: 50.001 ng

RT: 11.839 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

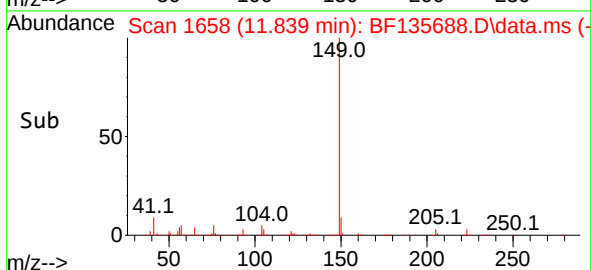
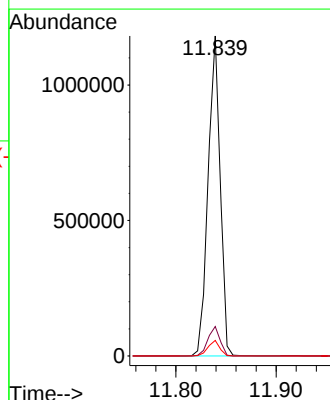
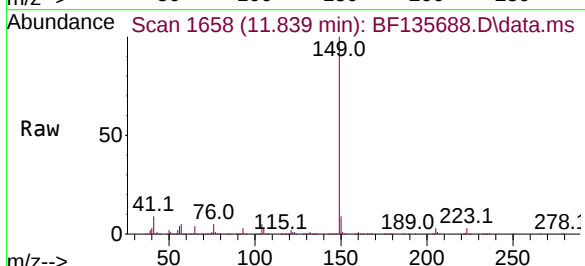
Tgt Ion:149 Resp: 995740

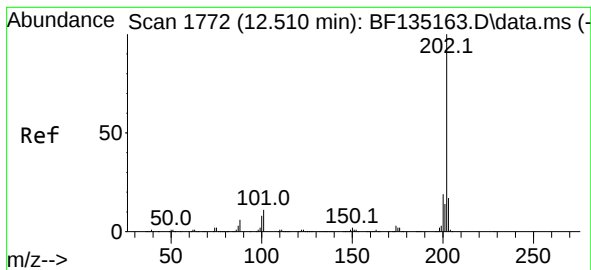
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 48.752 ng

RT: 12.498 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

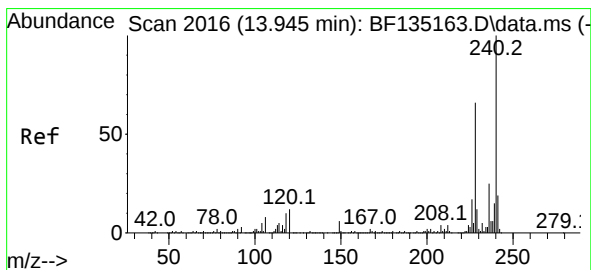
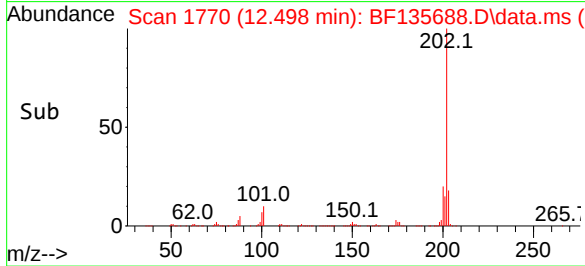
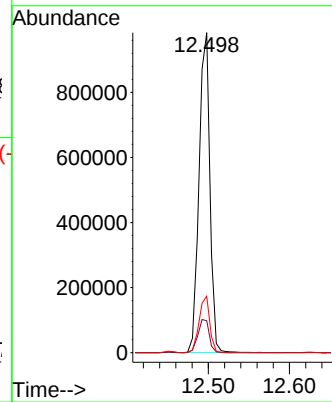
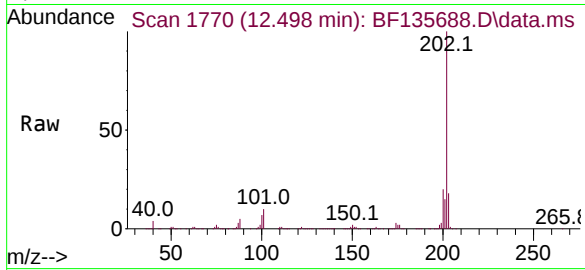
Tgt Ion:202 Resp: 917498

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.3

203 17.6 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: BF135688.D

Acq: 10 Oct 2023 16:56

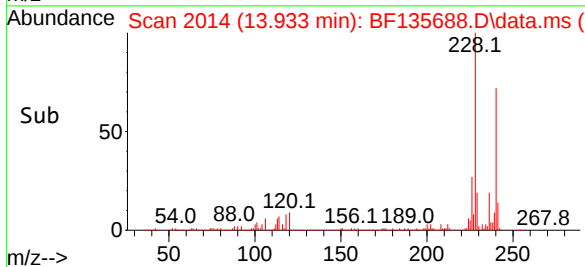
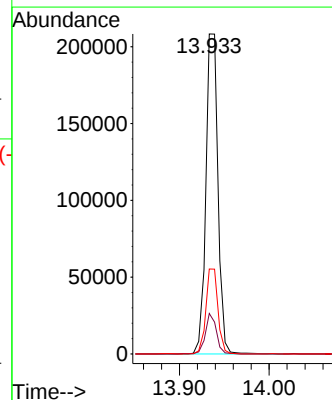
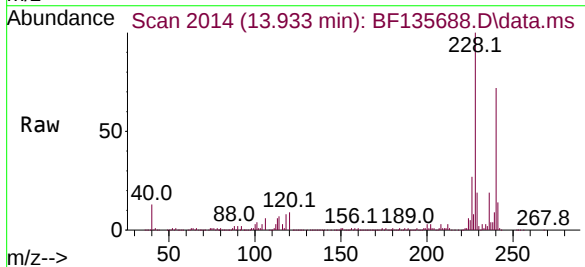
Tgt Ion:240 Resp: 195147

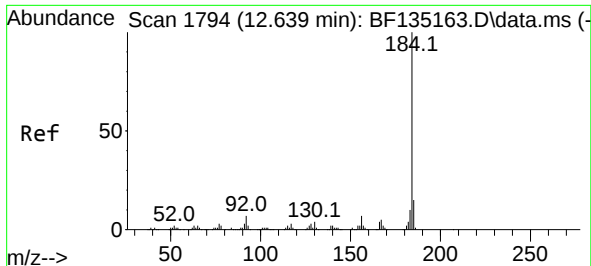
Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.2

236 26.5 19.8 29.8

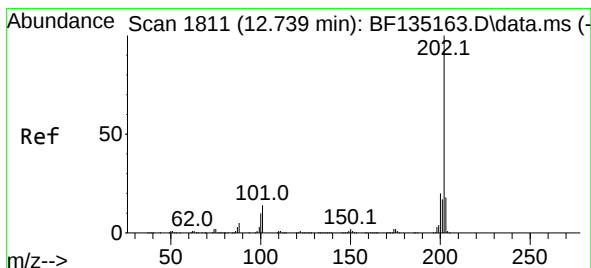
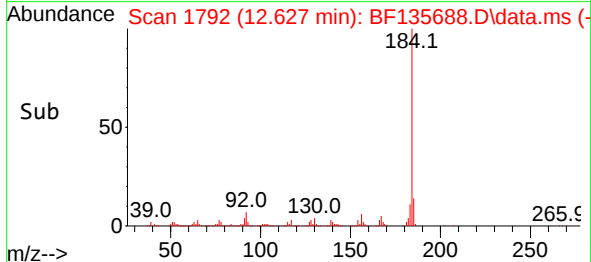
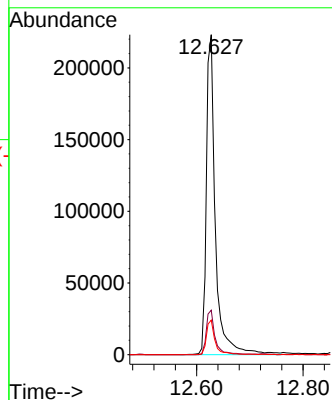
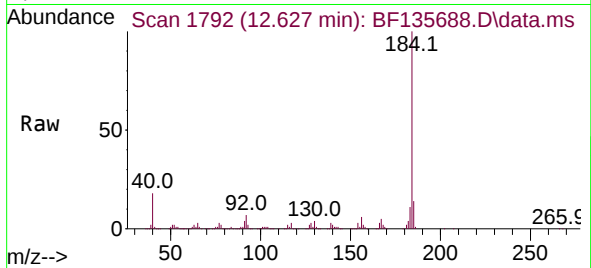




#77
Benzidine
Concen: 65.526 ng
RT: 12.627 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

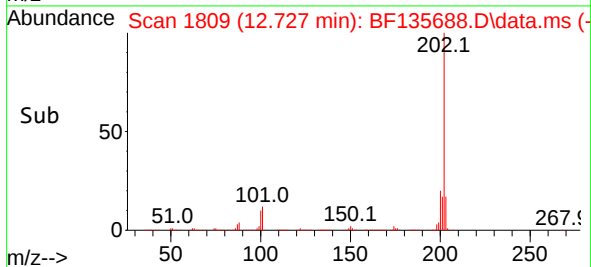
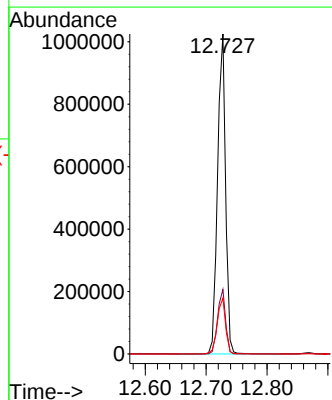
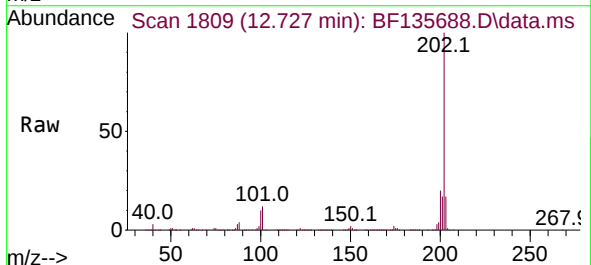
Instrument :
BNA_F
ClientSampleId :
PB156053BS

Tgt Ion:184 Resp: 261968
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 10.8 8.2 12.4



#78
Pyrene
Concen: 50.340 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:202 Resp: 935292
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.4 14.2 21.4

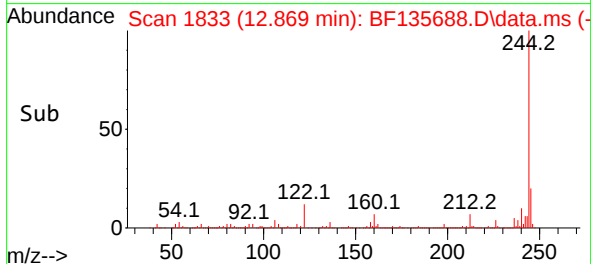
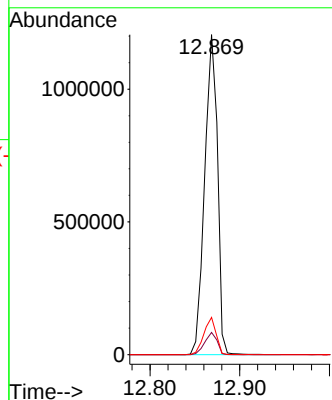
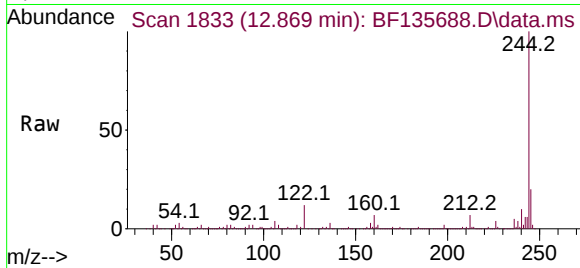




#79
 Terphenyl-d14
 Concen: 94.835 ng
 RT: 12.869 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135688.D
 Acq: 10 Oct 2023 16:56

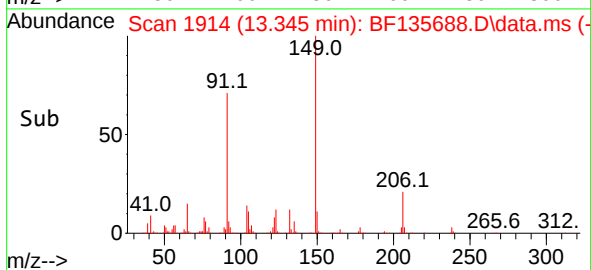
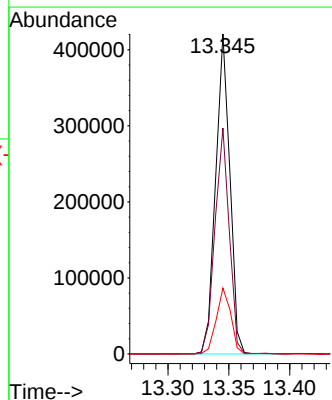
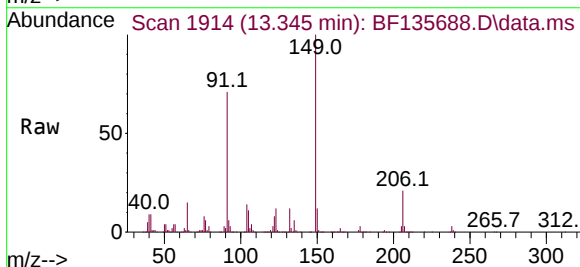
Instrument :
 BNA_F
 ClientSampleId :
 PB156053BS

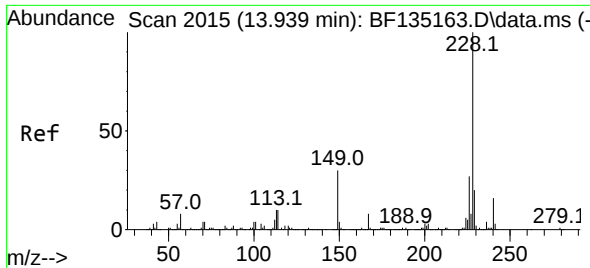
Tgt Ion:244 Resp: 1193839
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.7 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 52.429 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: BF135688.D
 Acq: 10 Oct 2023 16:56

Tgt Ion:149 Resp: 342968
 Ion Ratio Lower Upper
 149 100
 91 70.6 54.7 82.1
 206 20.6 16.3 24.5

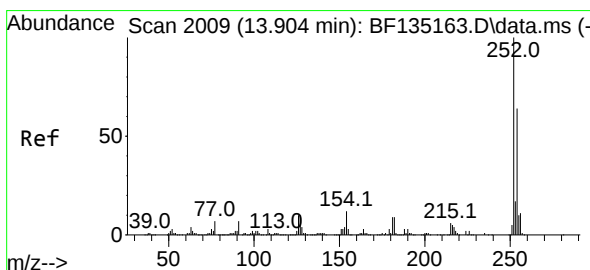
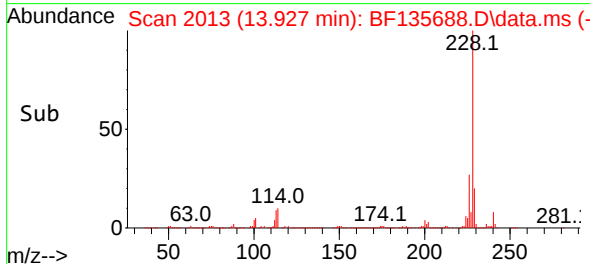
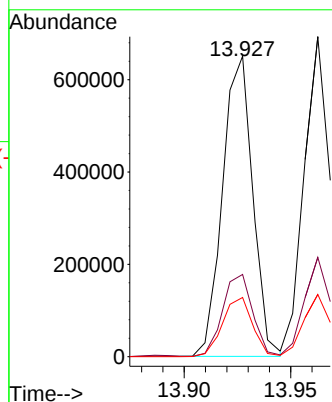
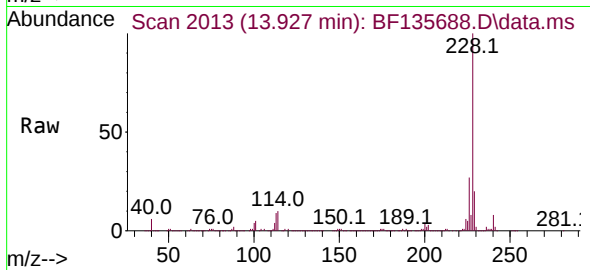




#81
Benzo(a)anthracene
Concen: 50.790 ng
RT: 13.927 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

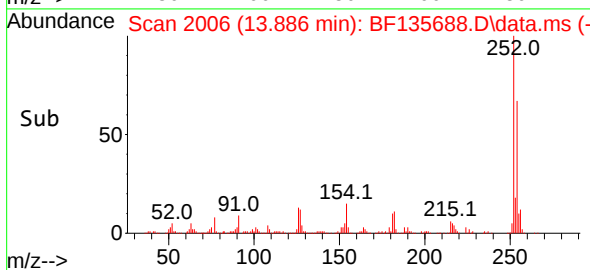
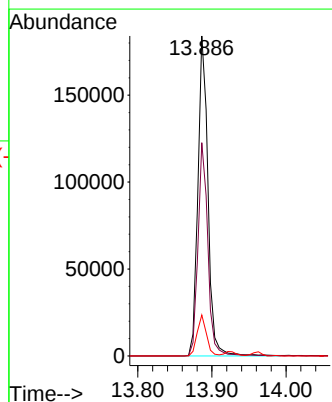
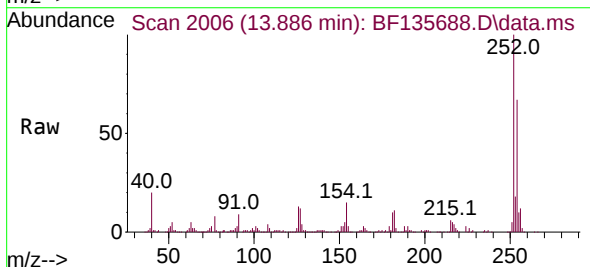
Instrument :
BNA_F
ClientSampleId :
PB156053BS

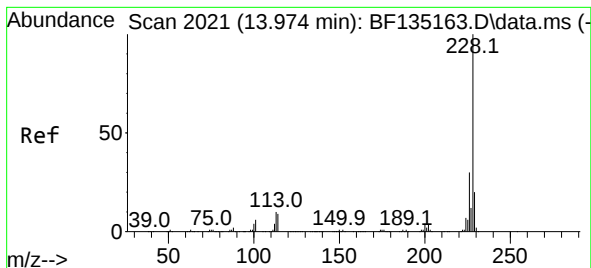
Tgt Ion:228 Resp: 640010
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 44.100 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:252 Resp: 173579
Ion Ratio Lower Upper
252 100
254 66.7 51.0 76.4
126 12.8 7.8 11.8





#83

Chrysene

Concen: 47.345 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

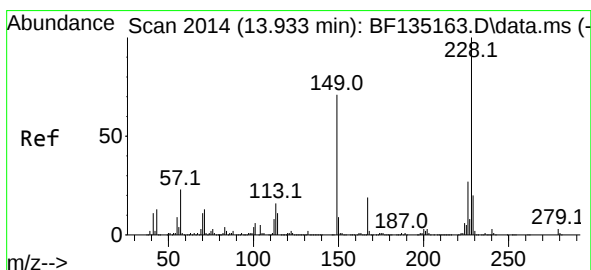
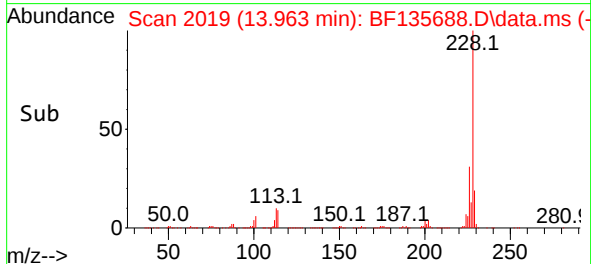
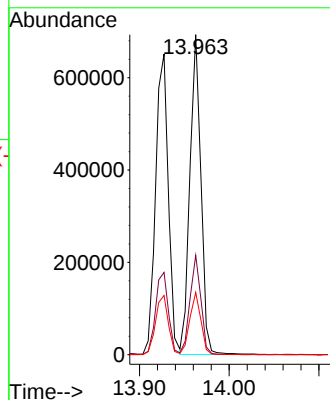
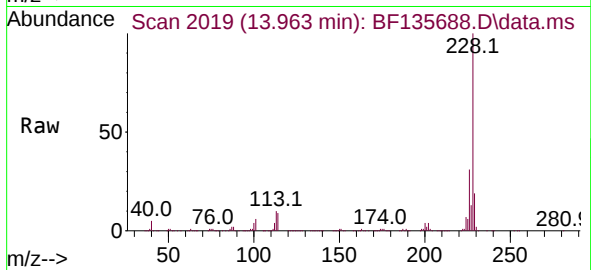
Tgt Ion:228 Resp: 593161

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.818 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

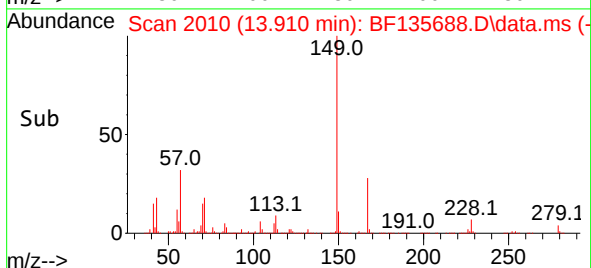
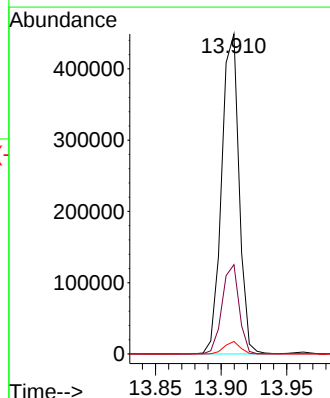
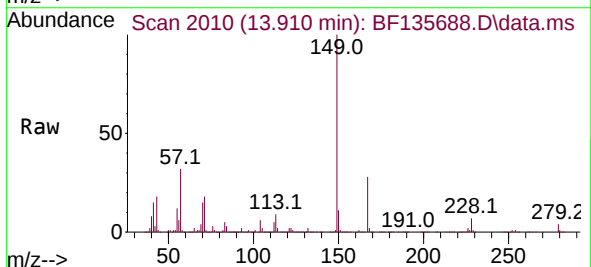
Tgt Ion:149 Resp: 414971

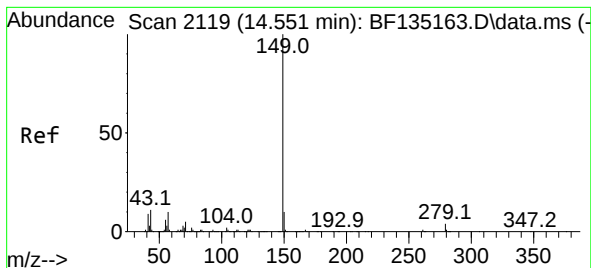
Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 53.759 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

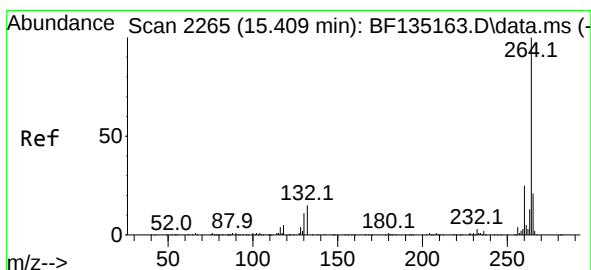
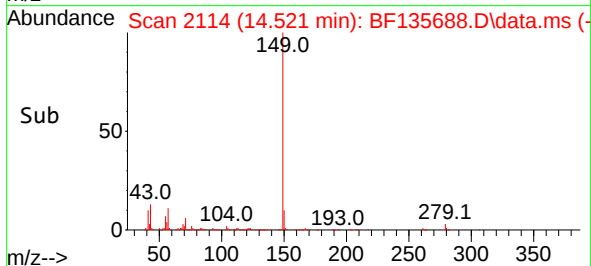
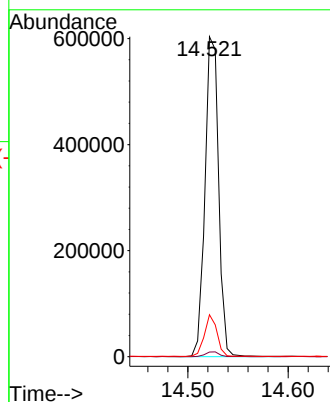
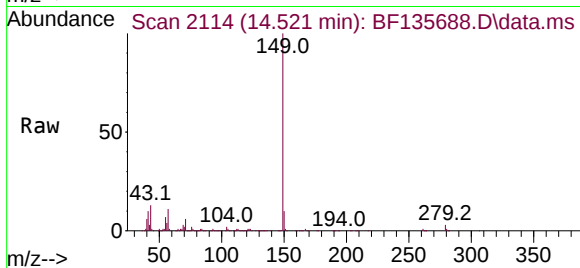
Tgt Ion:149 Resp: 573498

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.1 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: BF135688.D

Acq: 10 Oct 2023 16:56

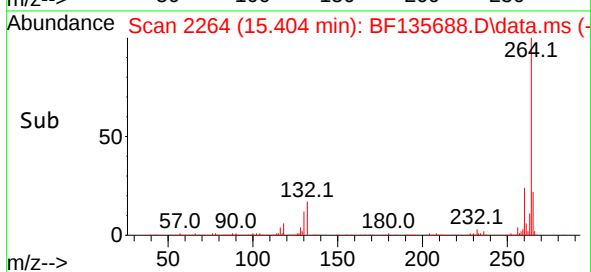
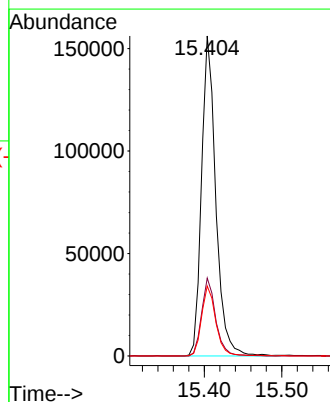
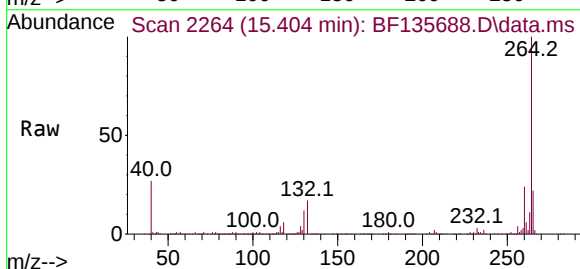
Tgt Ion:264 Resp: 199650

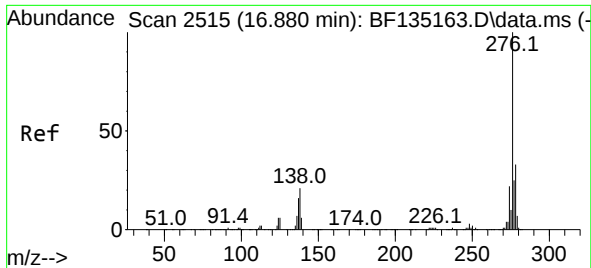
Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 21.8 17.0 25.4

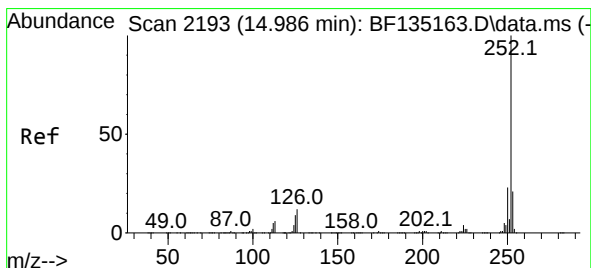
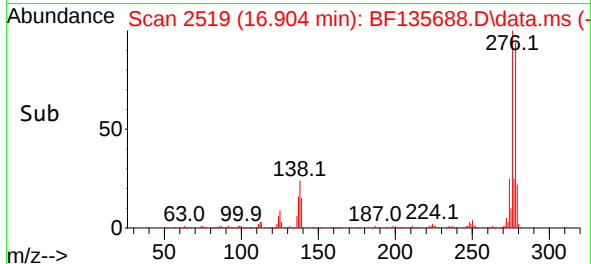
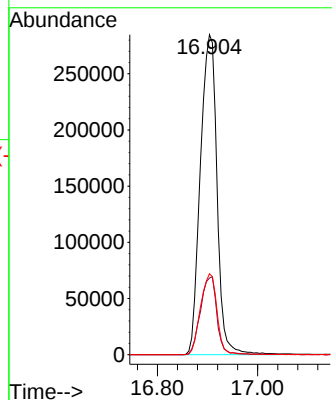
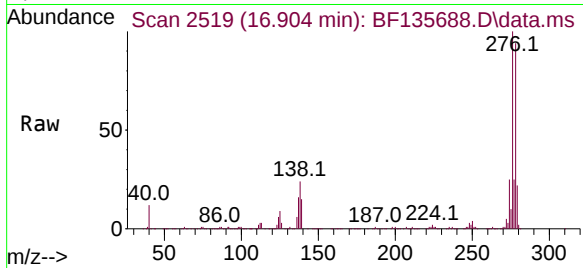




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.168 ng
RT: 16.904 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

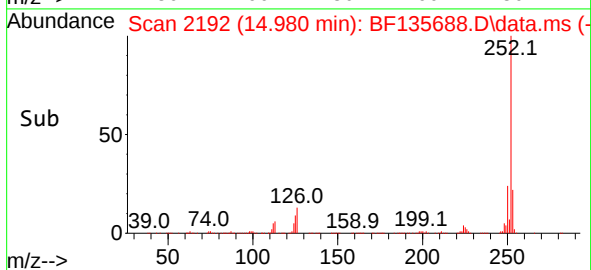
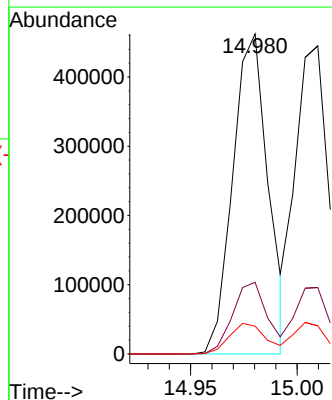
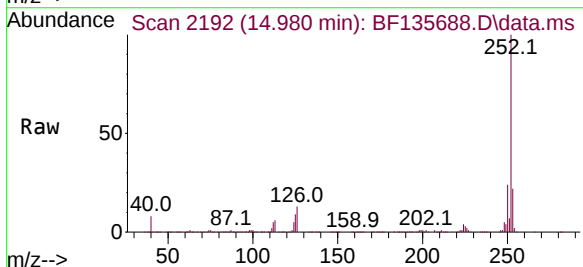
Instrument :
BNA_F
ClientSampleId :
PB156053BS

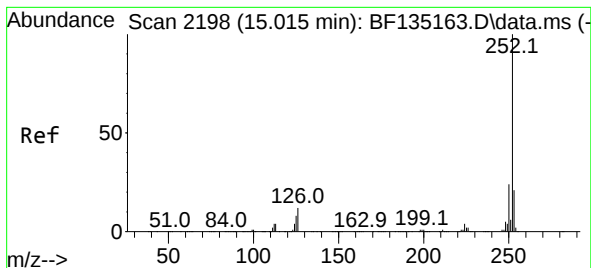
Tgt Ion:276 Resp: 656720
Ion Ratio Lower Upper
276 100
138 24.0 19.2 28.8
277 25.0 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 49.322 ng
RT: 14.980 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:252 Resp: 533060
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 8.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.421 ng

RT: 15.010 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB156053BS

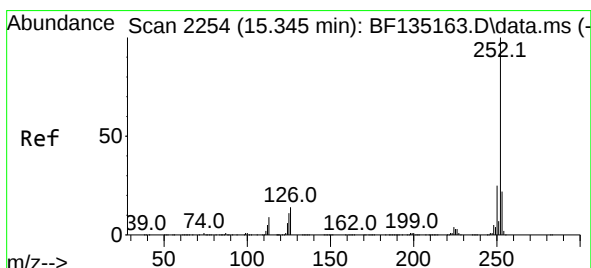
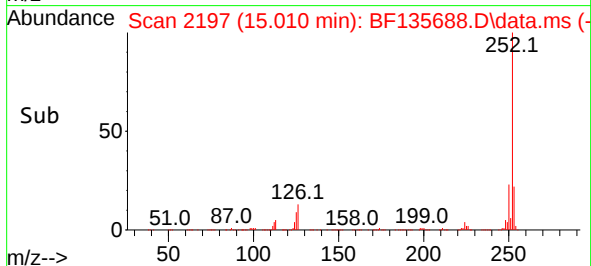
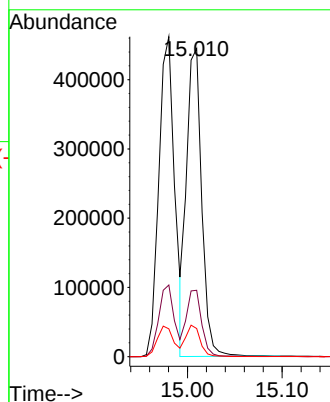
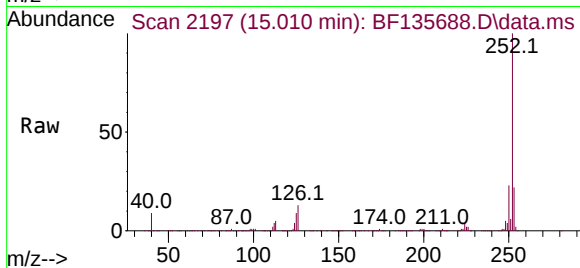
Tgt Ion:252 Resp: 495598

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.1 7.2 10.8



#90

Benzo(a)pyrene

Concen: 46.950 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF135688.D

Acq: 10 Oct 2023 16:56

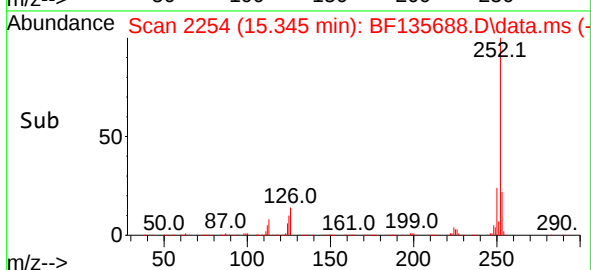
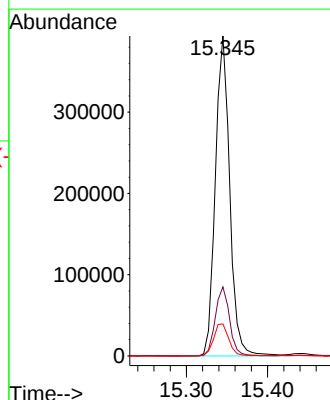
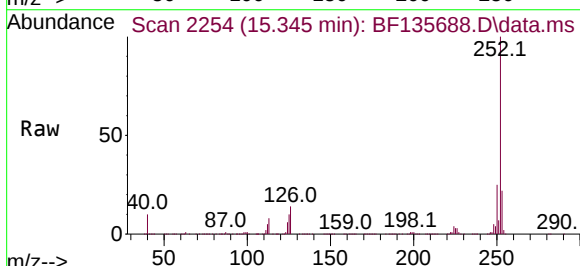
Tgt Ion:252 Resp: 483901

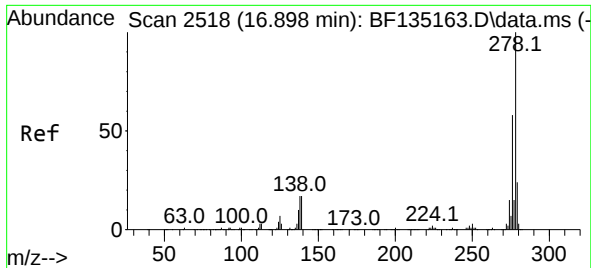
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.0 9.2 13.8

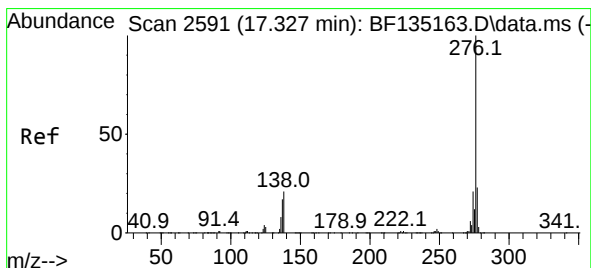
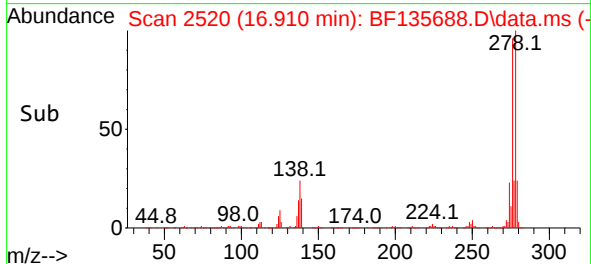
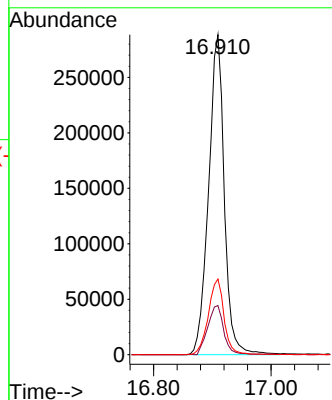
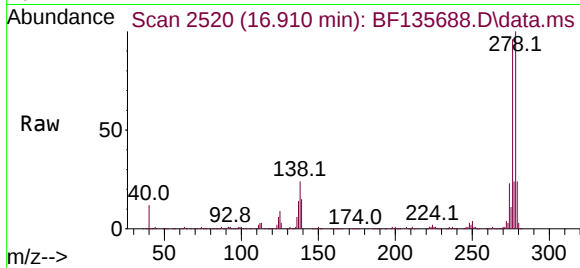




#91
Dibenzo(a,h)anthracene
Concen: 49.957 ng
RT: 16.910 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Instrument :
BNA_F
ClientSampleId :
PB156053BS

Tgt Ion:278 Resp: 535080
Ion Ratio Lower Upper
278 100
139 15.4 13.4 20.0
279 23.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 49.906 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.000 min
Lab File: BF135688.D
Acq: 10 Oct 2023 16:56

Tgt Ion:276 Resp: 558245
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 19.3 16.9 25.3

