

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138695.D
 Acq On : 31 Jul 2024 11:01
 Operator : RC/JU
 Sample : PB162317BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162317BSD

Quant Time: Jul 31 11:34:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	83818	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	354025	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	189558	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	343000	20.000	ng	0.00
76) Chrysene-d12	14.010	240	165422	20.000	ng	0.00
86) Perylene-d12	15.468	264	151993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	510351	93.990	ng	0.01
7) Phenol-d6	6.486	99	679731	93.240	ng	0.00
23) Nitrobenzene-d5	7.410	82	647918	89.478	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	158108	101.826	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1119549	88.739	ng	0.00
79) Terphenyl-d14	12.951	244	1126585	114.024	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	93752	39.438	ng	99
3) Pyridine	3.457	79	237426	41.229	ng	96
4) n-Nitrosodimethylamine	3.422	42	168079	49.006	ng	99
6) Aniline	6.510	93	272373	41.894	ng	# 85
8) 2-Chlorophenol	6.634	128	286895	50.220	ng	98
9) Benzaldehyde	6.398	77	29441	6.737	ng	98
10) Phenol	6.498	94	376662	49.072	ng	96
11) bis(2-Chloroethyl)ether	6.581	93	280268	47.450	ng	98
12) 1,3-Dichlorobenzene	6.786	146	286088	44.737	ng	99
13) 1,4-Dichlorobenzene	6.863	146	291010	45.093	ng	99
14) 1,2-Dichlorobenzene	7.016	146	278951	46.251	ng	99
15) Benzyl Alcohol	6.992	79	275822	52.494	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	488842	48.090	ng	97
17) 2-Methylphenol	7.104	107	238668	50.594	ng	97
18) Hexachloroethane	7.351	117	111296	45.815	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	222737	50.586	ng	96
20) 3+4-Methylphenols	7.257	107	294882	48.720	ng	92
22) Acetophenone	7.257	105	395267	45.599	ng	98
24) Nitrobenzene	7.433	77	325105	44.122	ng	98
25) Isophorone	7.669	82	607147	49.104	ng	99
26) 2-Nitrophenol	7.745	139	154384	48.700	ng	99
27) 2,4-Dimethylphenol	7.786	122	268672	70.836	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	360204	47.839	ng	99
29) 2,4-Dichlorophenol	7.992	162	234577	48.130	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	251684	44.748	ng	98
31) Naphthalene	8.151	128	844726	45.331	ng	100
32) Benzoic acid	7.928	122	144420	48.439	ng	98
33) 4-Chloroaniline	8.198	127	195896	31.317	ng	99
34) Hexachlorobutadiene	8.263	225	151081	44.348	ng	96
35) Caprolactam	8.580	113	41622	28.620	ng	97
36) 4-Chloro-3-methylphenol	8.686	107	275080	49.386	ng	97
37) 2-Methylnaphthalene	8.839	142	540745	45.947	ng	99
38) 1-Methylnaphthalene	8.939	142	508813	44.120	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	242091	45.975	ng	98
41) Hexachlorocyclopentadiene	8.986	237	255478	174.308	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	155661	48.484	ng	99

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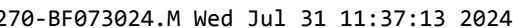
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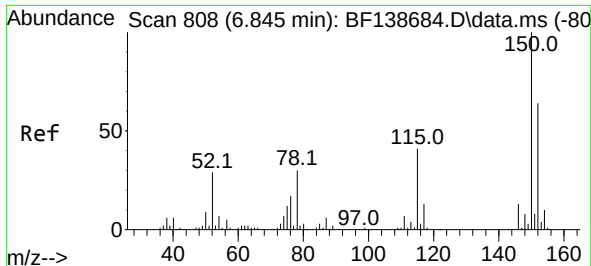
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	169365	48.255	ng	98
46) 1,1'-Biphenyl	9.304	154	690894	46.538	ng	99
47) 2-Chloronaphthalene	9.327	162	508698	46.072	ng	100
48) 2-Nitroaniline	9.427	65	189077	50.513	ng	98
49) Acenaphthylene	9.745	152	775581	49.526	ng	99
50) Dimethylphthalate	9.610	163	629106	51.904	ng	99
51) 2,6-Dinitrotoluene	9.675	165	139808	51.111	ng	100
52) Acenaphthene	9.916	154	501121	47.604	ng	100
53) 3-Nitroaniline	9.839	138	99472	35.177	ng	99
54) 2,4-Dinitrophenol	9.957	184	147988	117.526	ng	93
55) Dibenzofuran	10.092	168	728900	49.052	ng	99
56) 4-Nitrophenol	10.016	139	196376	115.482	ng	99
57) 2,4-Dinitrotoluene	10.080	165	178964	51.280	ng	91
58) Fluorene	10.433	166	578526	48.889	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	148036	55.169	ng	98
60) Diethylphthalate	10.310	149	599938	52.203	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	281813	48.422	ng	99
62) 4-Nitroaniline	10.463	138	136798	50.906	ng	98
63) Azobenzene	10.580	77	635014	49.820	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	104743	50.054	ng	95
66) n-Nitrosodiphenylamine	10.545	169	505024	47.104	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	168903	45.482	ng	98
68) Hexachlorobenzene	10.980	284	175244	45.704	ng	96
69) Atrazine	11.074	200	168339	60.857	ng	99
70) Pentachlorophenol	11.180	266	167714	97.040	ng	97
71) Phenanthrene	11.392	178	845573	47.876	ng	100
72) Anthracene	11.445	178	841801	48.381	ng	99
73) Carbazole	11.604	167	726745	48.414	ng	100
74) Di-n-butylphthalate	11.927	149	910446	53.952	ng	100
75) Fluoranthene	12.580	202	796432	48.303	ng	100
77) Benzidine	12.704	184	117141	29.606	ng	99
78) Pyrene	12.810	202	783111	50.280	ng	99
80) Butylbenzylphthalate	13.421	149	264379	53.008	ng	99
81) Benzo(a)anthracene	13.998	228	549429	48.232	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	132962	45.612	ng	97
83) Chrysene	14.033	228	483087	47.006	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	324842	44.478	ng	100
85) Di-n-octyl phthalate	14.592	149	561032	41.519	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	527884	48.464	ng	100
88) Benzo(b)fluoranthene	15.045	252	485593	51.538	ng	99
89) Benzo(k)fluoranthene	15.074	252	450581	55.233	ng	99
90) Benzo(a)pyrene	15.409	252	409287	51.643	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	439198	49.120	ng	99
92) Benzo(g,h,i)perylene	17.386	276	426515	45.969	ng	99

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

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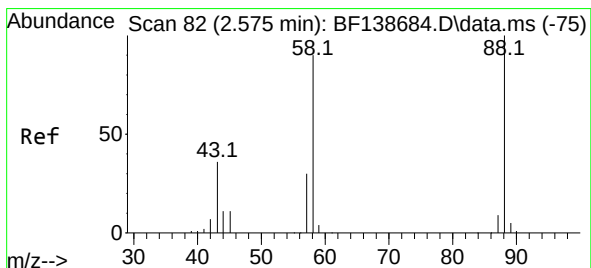
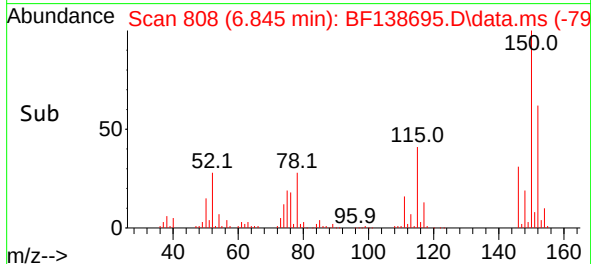
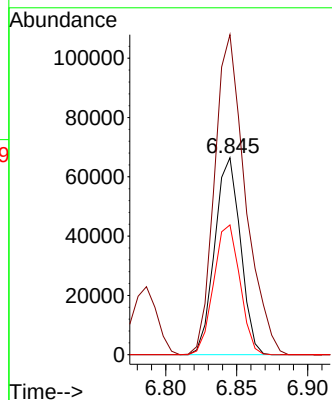
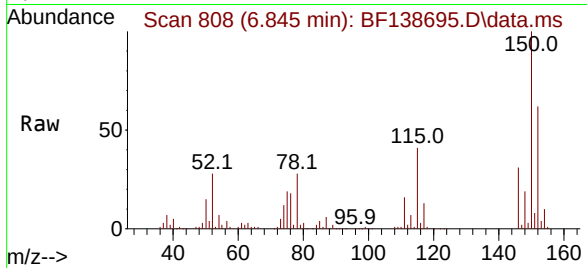




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF138695.D
 Acq: 31 Jul 2024 11:01

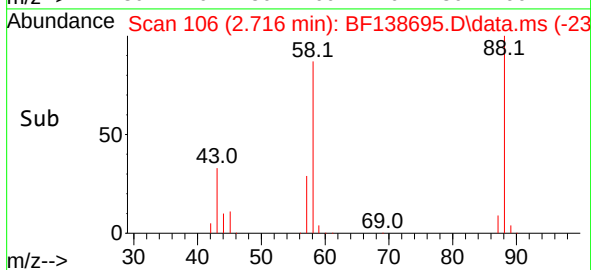
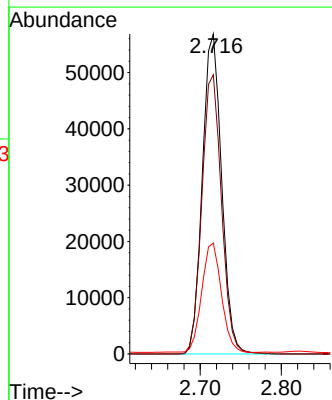
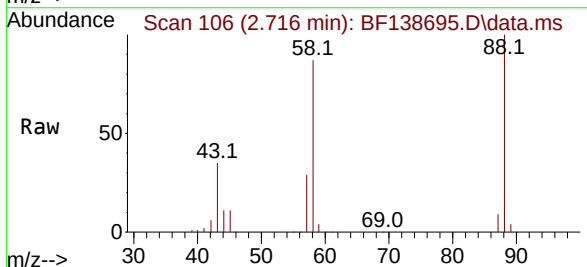
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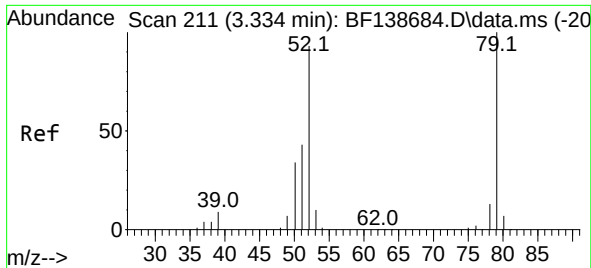
Tgt Ion:152 Resp: 83818
 Ion Ratio Lower Upper
 152 100
 150 162.4 126.0 189.0
 115 65.9 51.7 77.5



#2
 1,4-Dioxane
 Concen: 39.438 ng
 RT: 2.716 min Scan# 106
 Delta R.T. 0.141 min
 Lab File: BF138695.D
 Acq: 31 Jul 2024 11:01

Tgt Ion: 88 Resp: 93752
 Ion Ratio Lower Upper
 88 100
 58 88.7 71.6 107.4
 43 34.9 28.7 43.1





#3

Pyridine

Concen: 41.229 ng

RT: 3.457 min Scan# 211

Delta R.T. 0.123 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB162317BSD

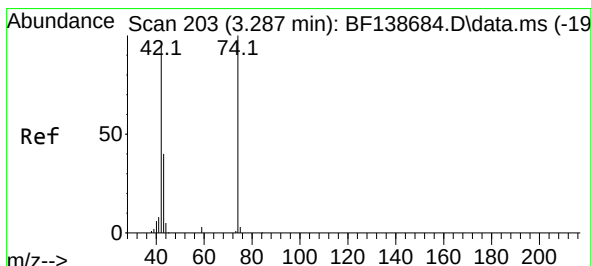
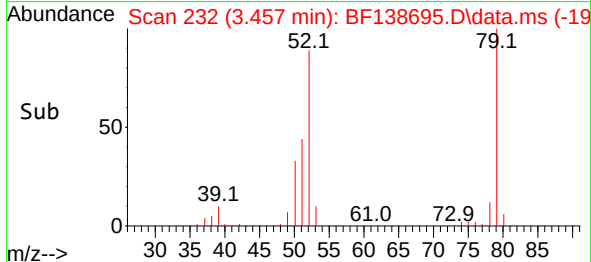
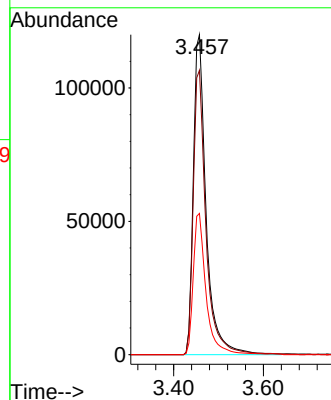
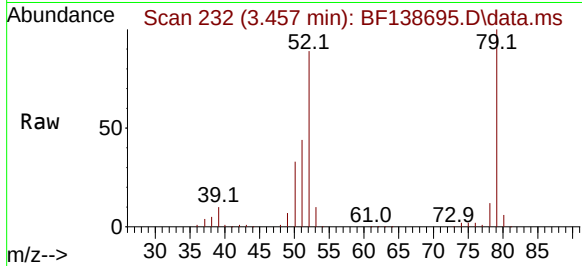
Tgt Ion: 79 Resp: 237426

Ion Ratio Lower Upper

79 100

52 88.8 74.7 112.1

51 44.2 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 49.006 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.135 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

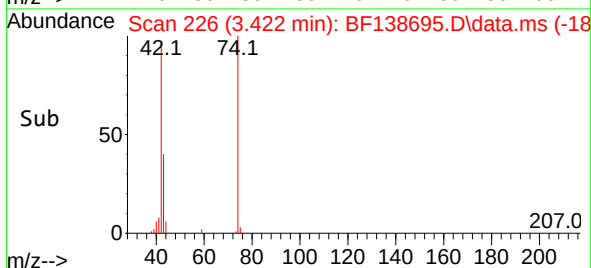
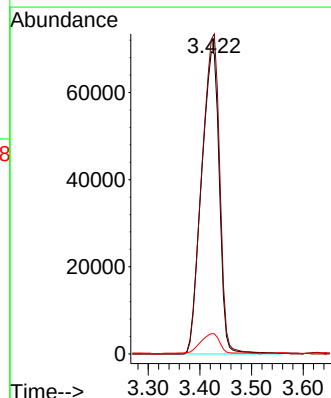
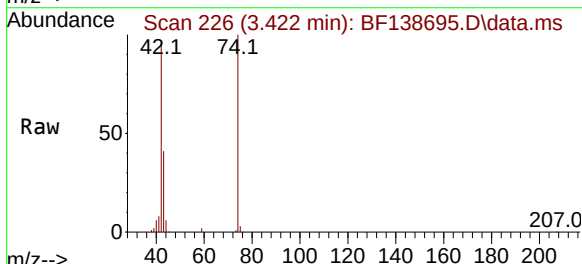
Tgt Ion: 42 Resp: 168079

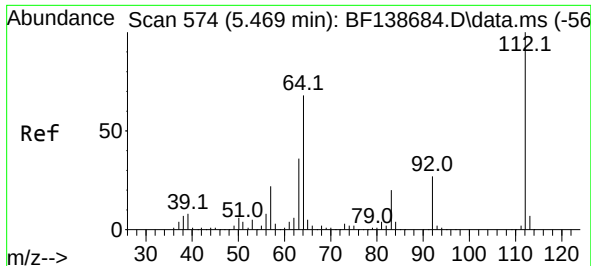
Ion Ratio Lower Upper

42 100

74 104.0 84.2 126.4

44 6.7 4.9 7.3

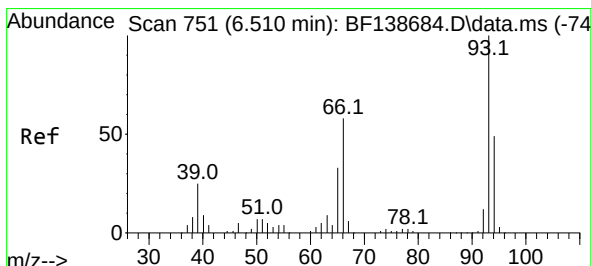
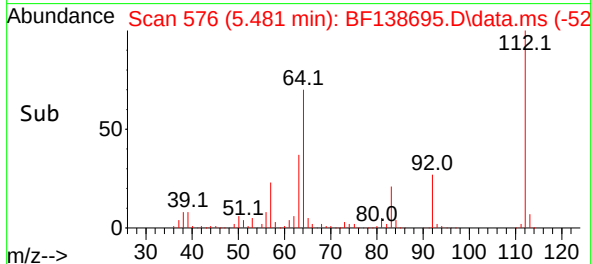
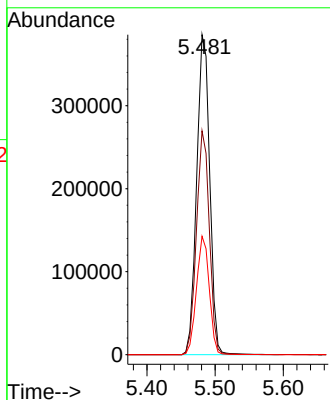
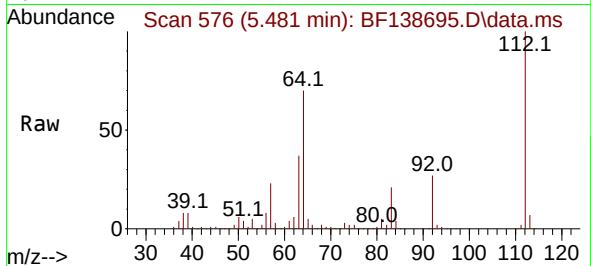




#5
2-Fluorophenol
Concen: 93.990 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

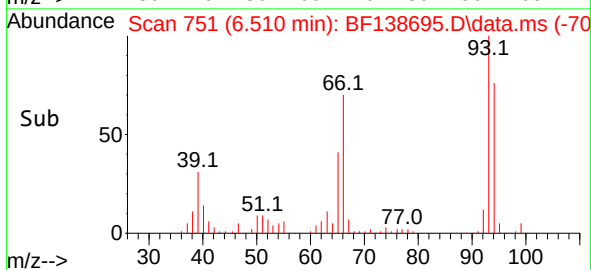
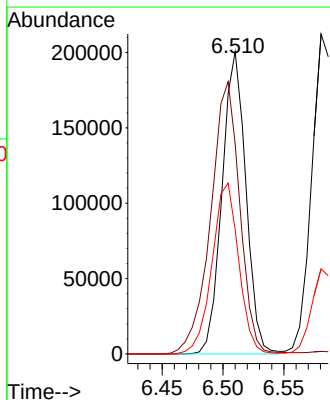
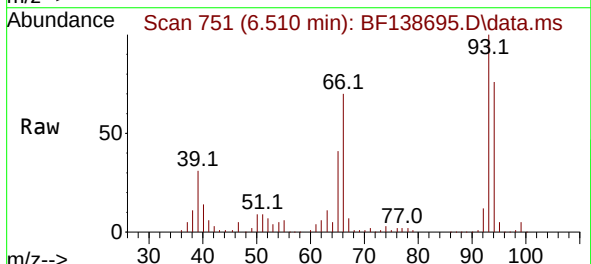
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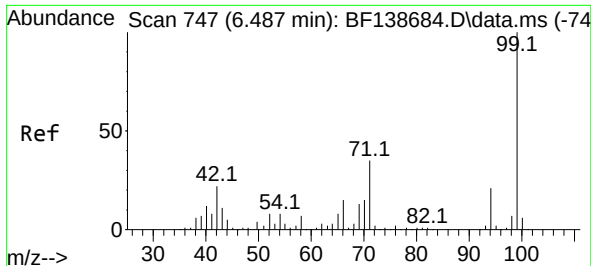
Tgt Ion:112 Resp: 510351
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 37.0 28.7 43.1



#6
Aniline
Concen: 41.894 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion: 93 Resp: 272373
Ion Ratio Lower Upper
93 100
66 69.6 46.9 70.3
65 41.1 26.5 39.7#

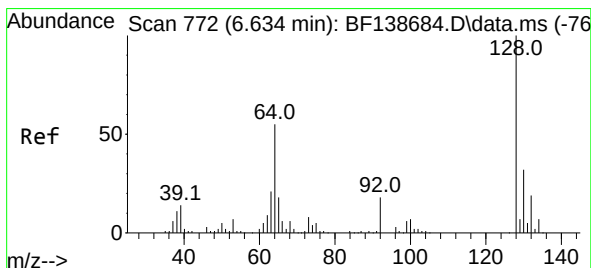
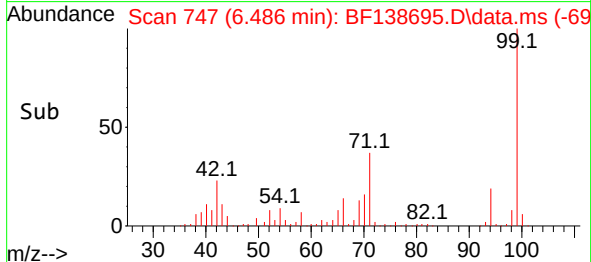
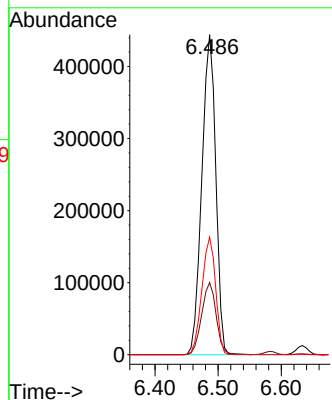
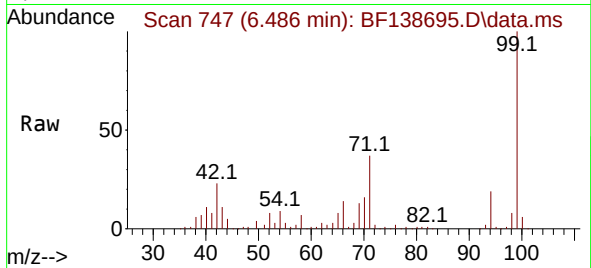




#7
Phenol-d6
Concen: 93.240 ng
RT: 6.486 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

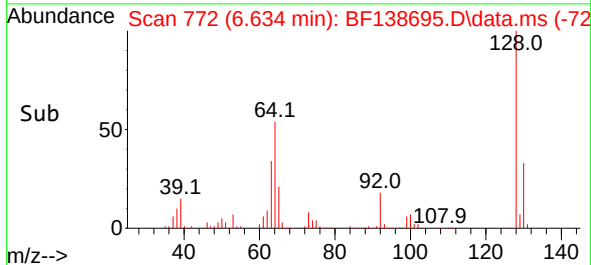
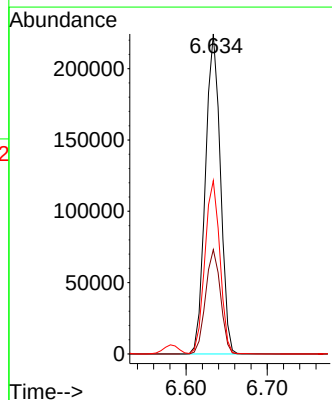
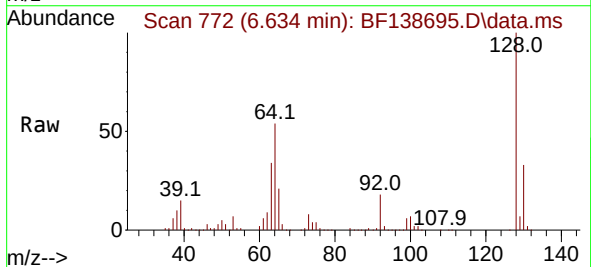
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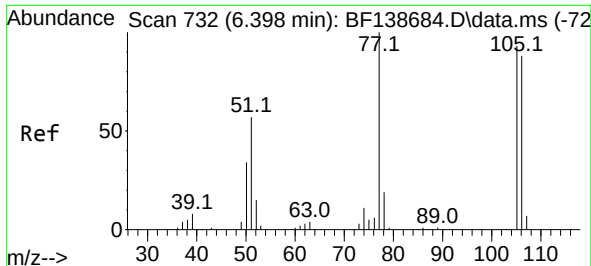
Tgt Ion: 99 Resp: 679731
Ion Ratio Lower Upper
99 100
42 22.6 17.4 26.0
71 36.7 28.1 42.1



#8
2-Chlorophenol
Concen: 50.220 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion: 128 Resp: 286895
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 54.2 36.3 76.3

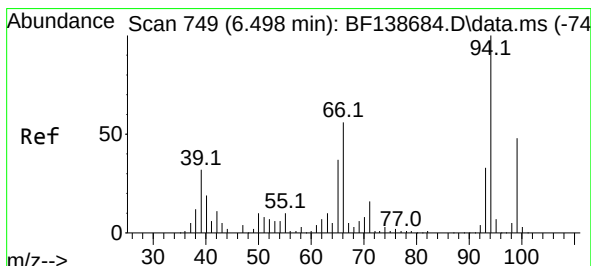
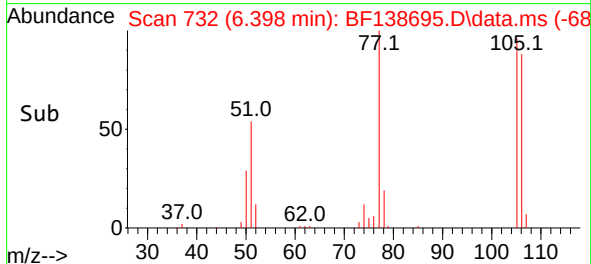
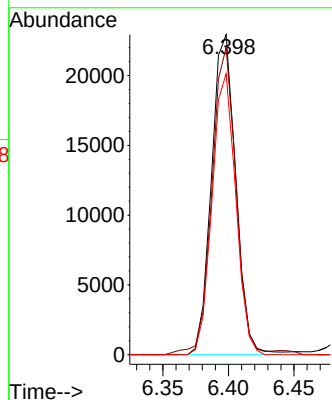
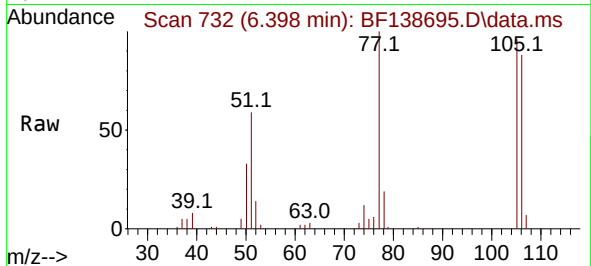




#9
Benzaldehyde
Concen: 6.737 ng
RT: 6.398 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

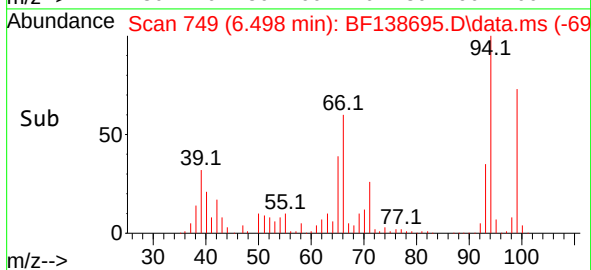
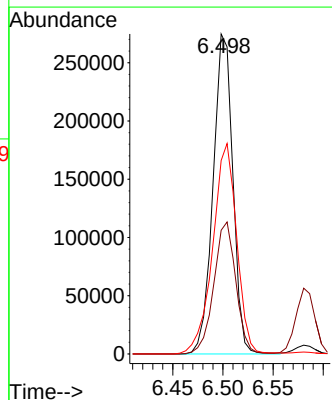
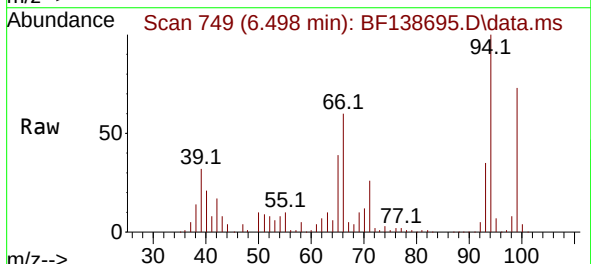
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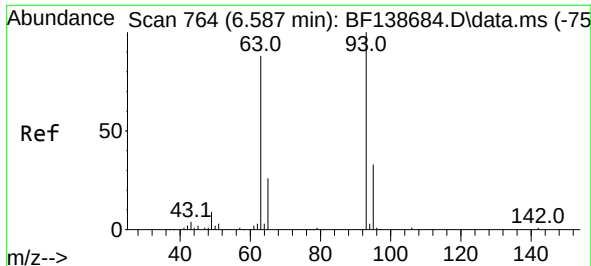
Tgt Ion: 77 Resp: 29441
Ion Ratio Lower Upper
77 100
105 96.0 72.9 112.9
106 87.8 68.4 108.4



#10
Phenol
Concen: 49.072 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion: 94 Resp: 376662
Ion Ratio Lower Upper
94 100
65 38.6 16.9 56.9
66 60.4 36.5 76.5

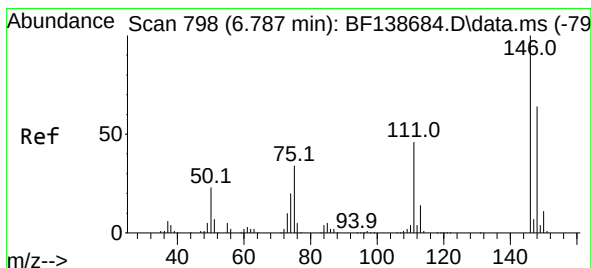
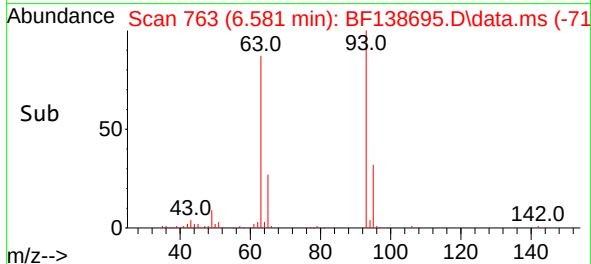
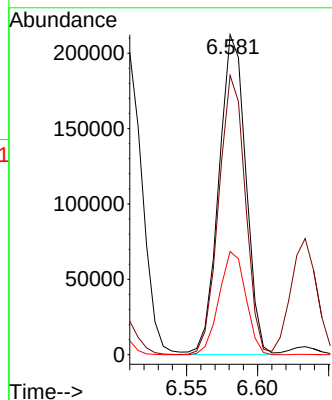
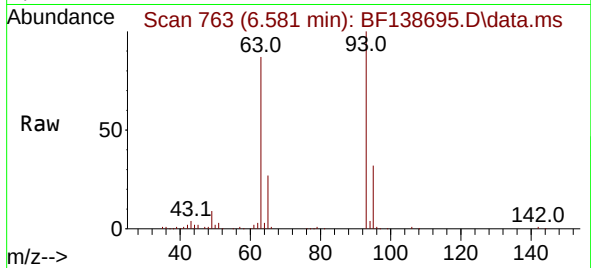




#11
bis(2-Chloroethyl)ether
Concen: 47.450 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

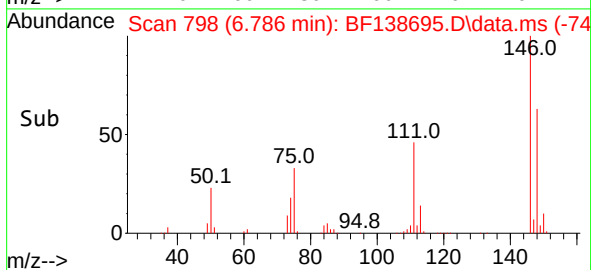
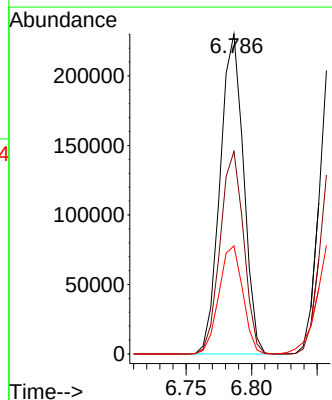
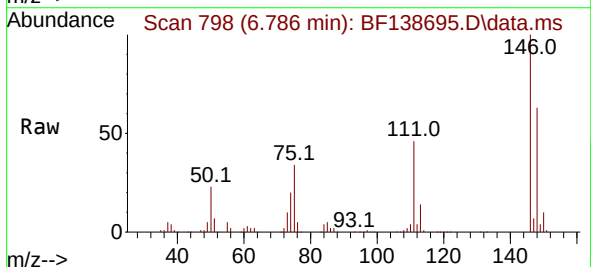
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

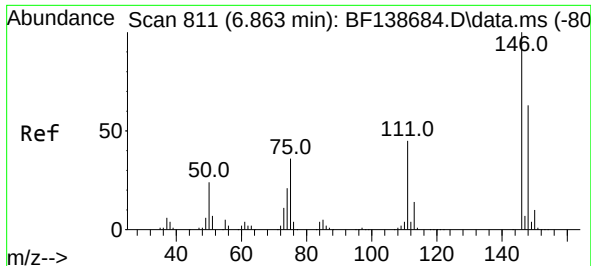
Tgt Ion: 93 Resp: 280268
Ion Ratio Lower Upper
93 100
63 87.2 65.3 105.3
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.737 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion: 146 Resp: 286088
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
75 33.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.093 ng

RT: 6.863 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB162317BSD

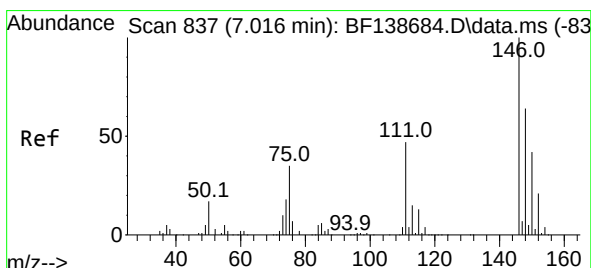
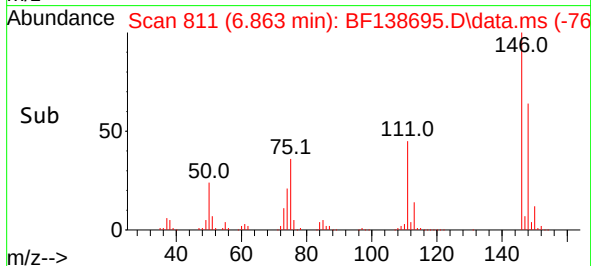
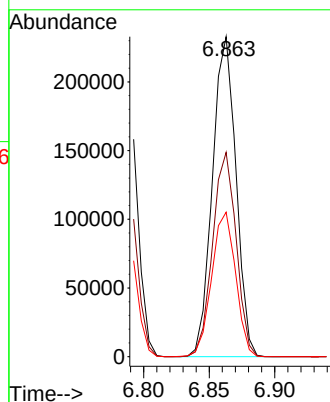
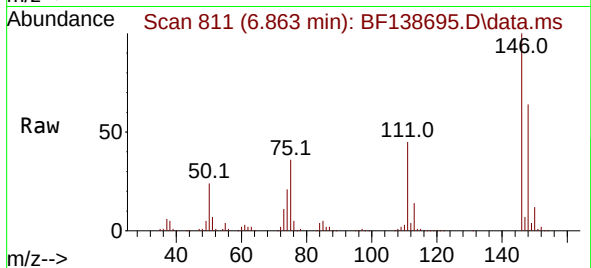
Tgt Ion:146 Resp: 291010

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

111 45.2 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 46.251 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

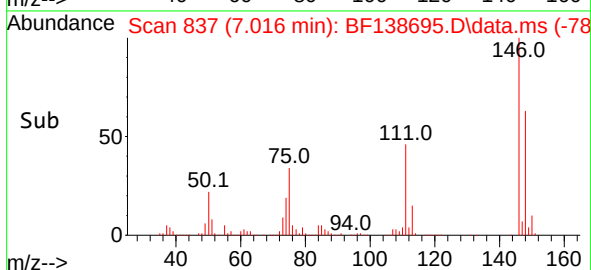
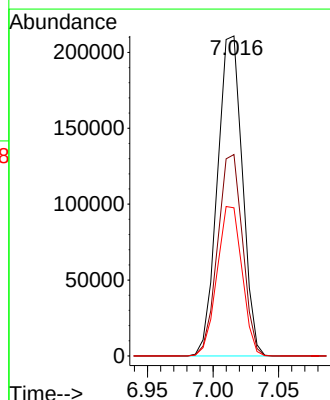
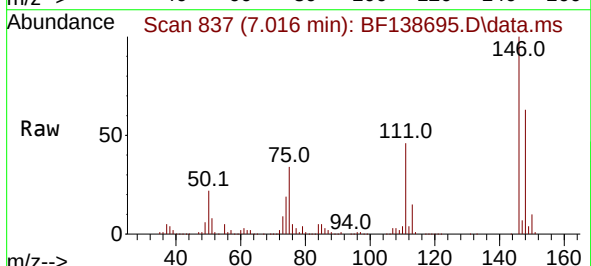
Tgt Ion:146 Resp: 278951

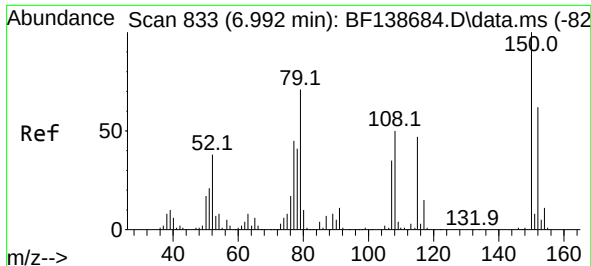
Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

111 46.3 37.4 56.2

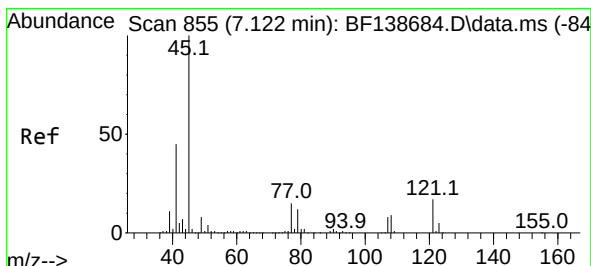
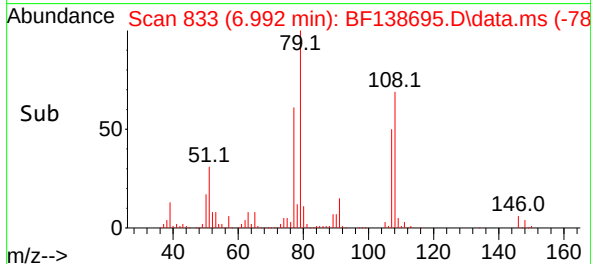
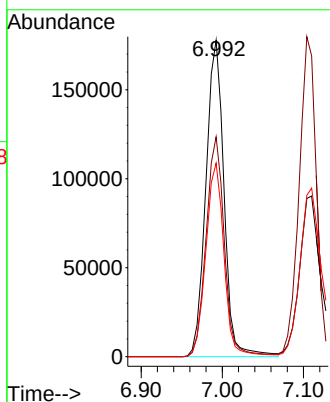
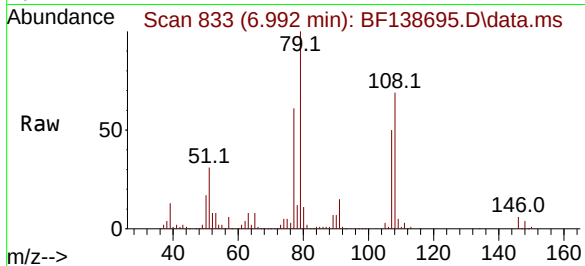




#15
Benzyl Alcohol
Concen: 52.494 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

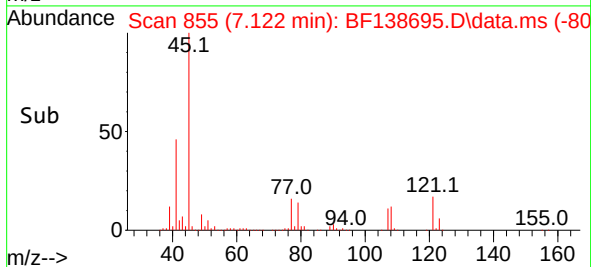
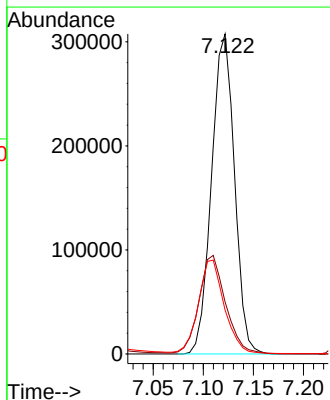
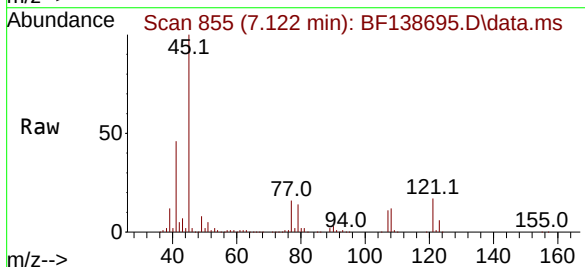
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

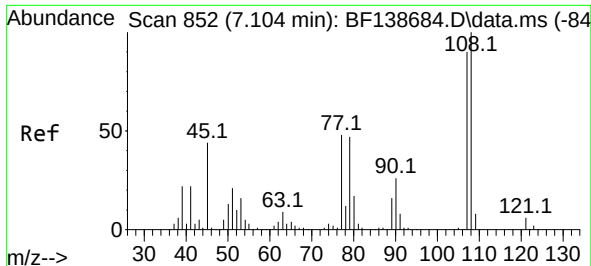
Tgt Ion: 79 Resp: 275822
Ion Ratio Lower Upper
79 100
108 69.5 56.6 85.0
77 61.2 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.090 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion: 45 Resp: 488842
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.9
79 13.7 0.0 32.2

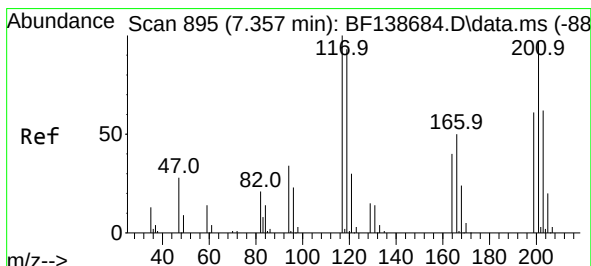
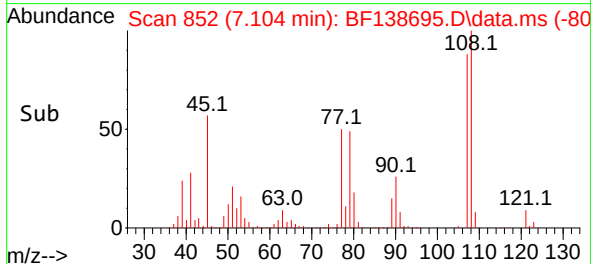
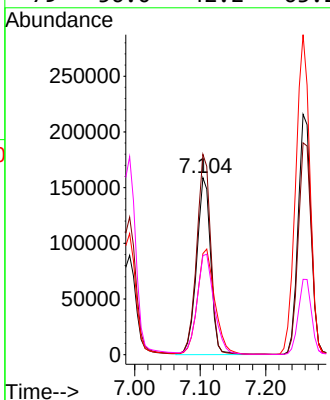
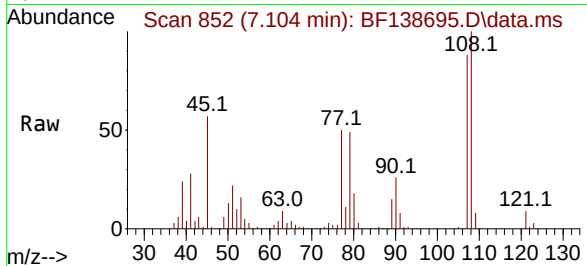




#17
2-Methylphenol
Concen: 50.594 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

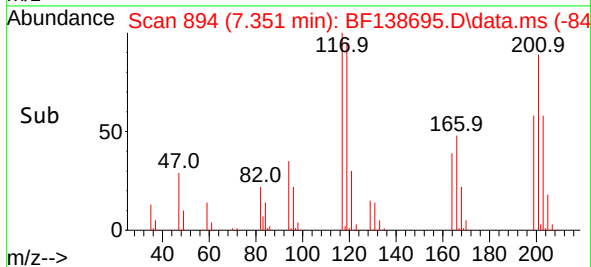
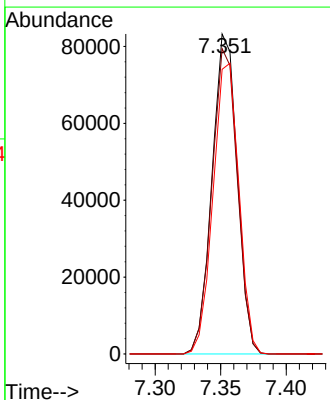
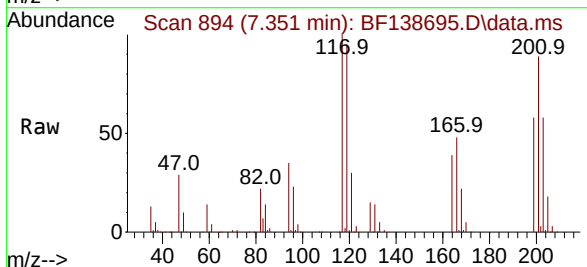
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

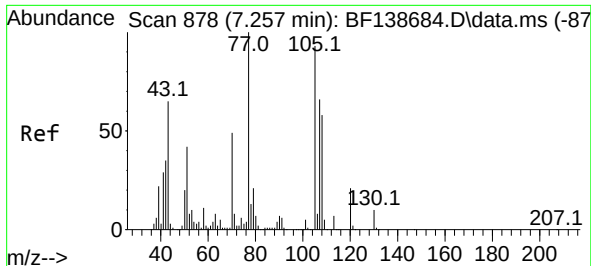
Tgt Ion:	107	Resp:	238668
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.2	133.8
77	57.1	43.0	64.4
79	56.0	42.2	63.2



#18
Hexachloroethane
Concen: 45.815 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:	117	Resp:	111296
Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.6	111.8
201	88.9	77.2	115.8



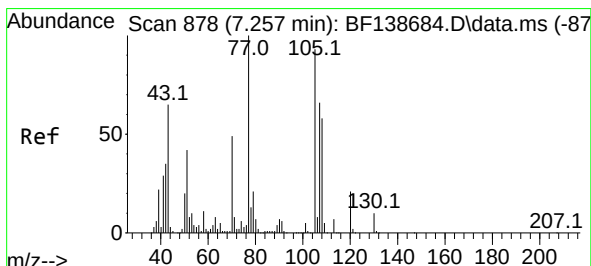
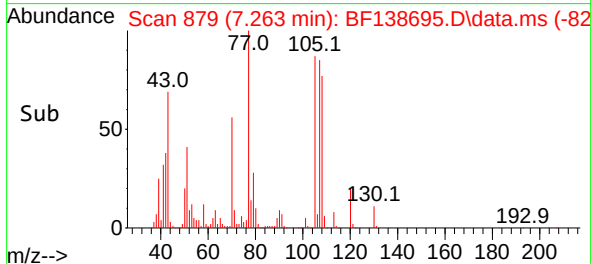
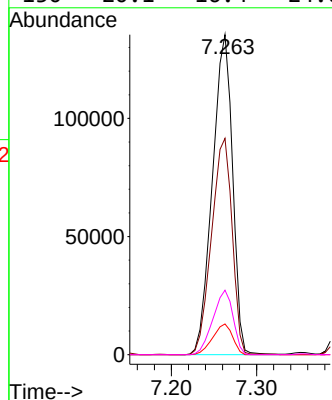
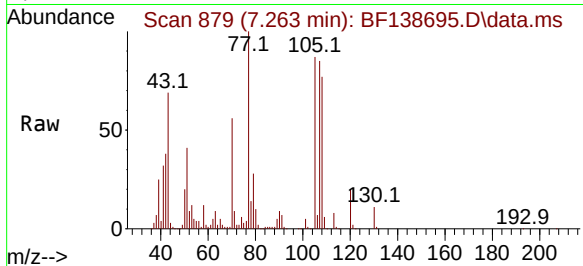


#19
n-Nitroso-di-n-propylamine
Concen: 50.586 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion: 70 Resp: 222737

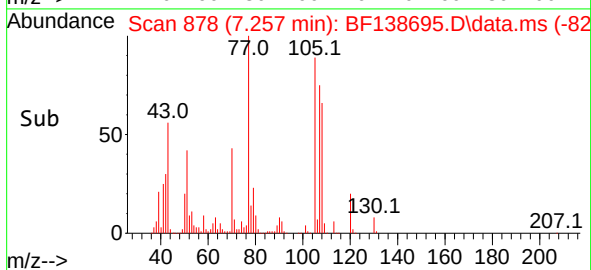
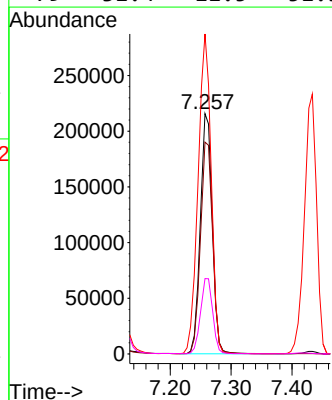
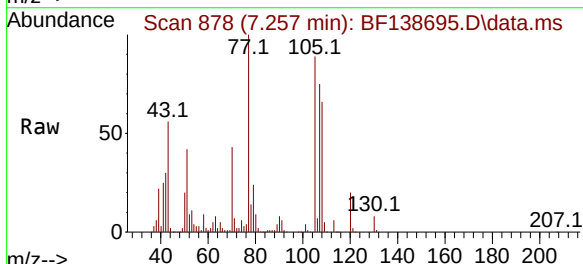
Ion	Ratio	Lower	Upper
70	100		
42	67.6	57.4	86.0
101	9.6	7.5	11.3
130	20.1	16.4	24.6

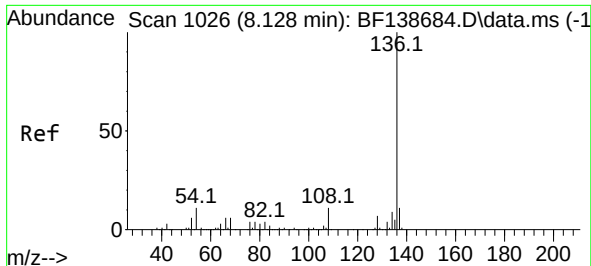


#20
3+4-Methylphenols
Concen: 48.720 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion: 107 Resp: 294882

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.2	108.2
77	133.1	132.1	172.1
79	31.4	11.5	51.5

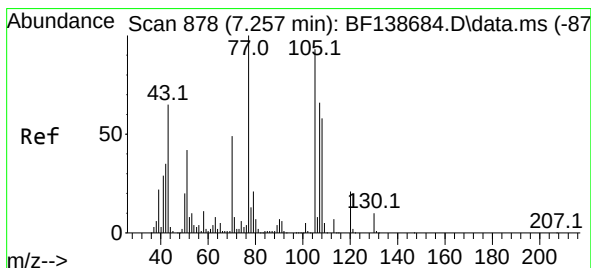
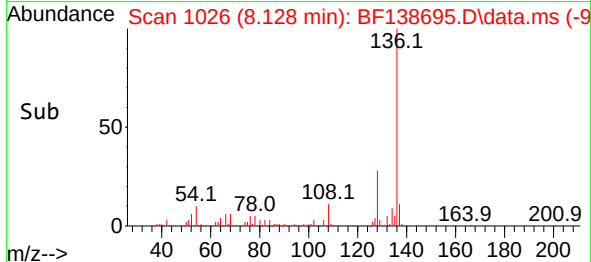
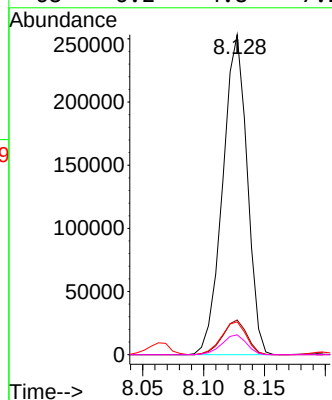
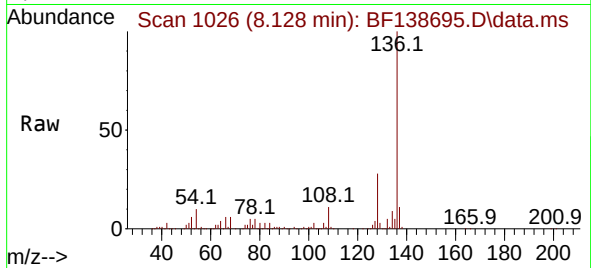




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

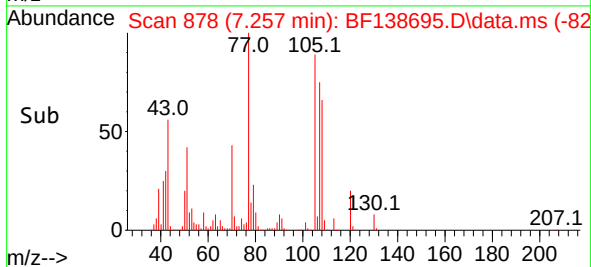
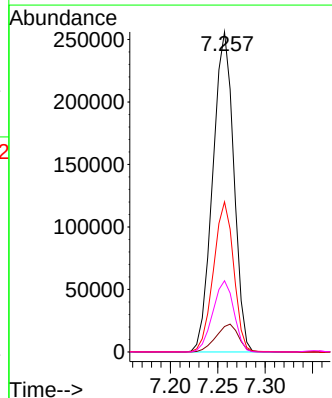
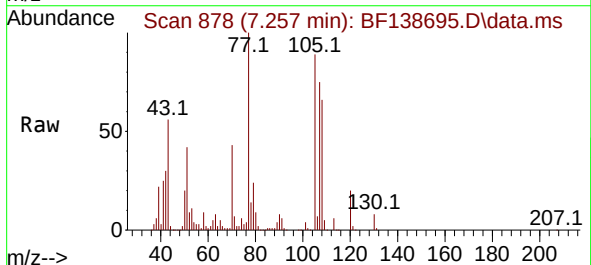
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

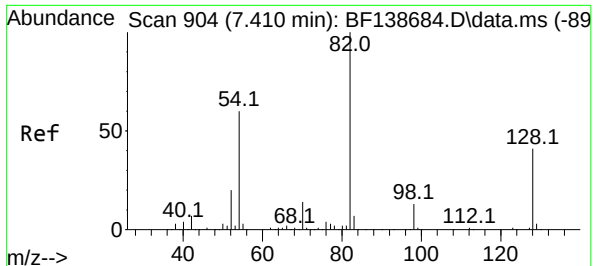
Tgt Ion:136 Resp: 354025
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.2 8.6 12.8
68 6.2 4.8 7.2



#22
Acetophenone
Concen: 45.599 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:105 Resp: 395267
Ion Ratio Lower Upper
105 100
71 8.0 7.2 10.8
51 46.9 35.9 53.9
120 22.3 17.6 26.4

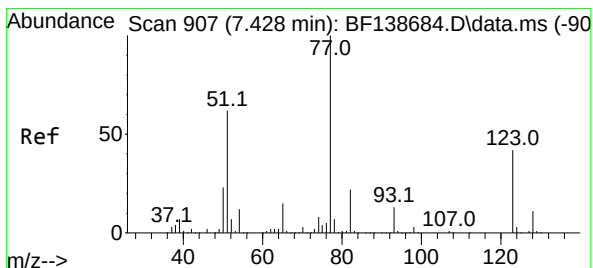
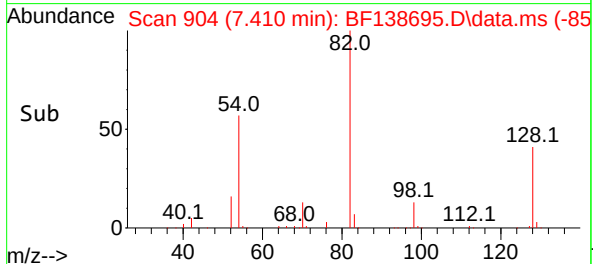
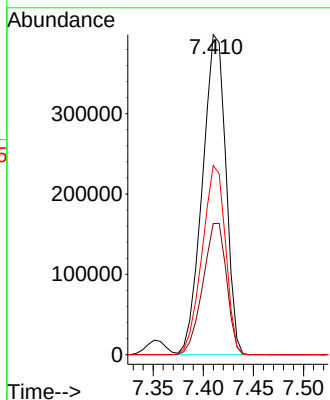
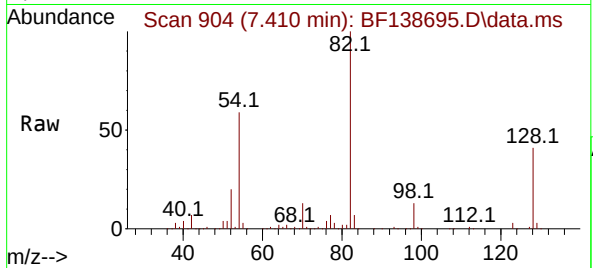




#23
Nitrobenzene-d5
Concen: 89.478 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

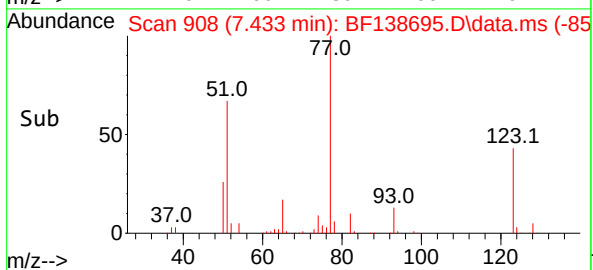
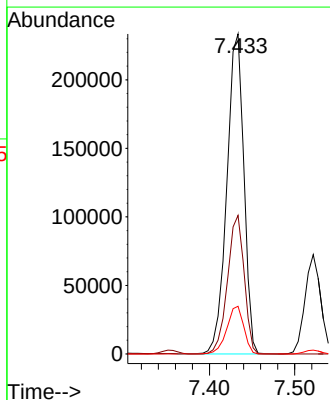
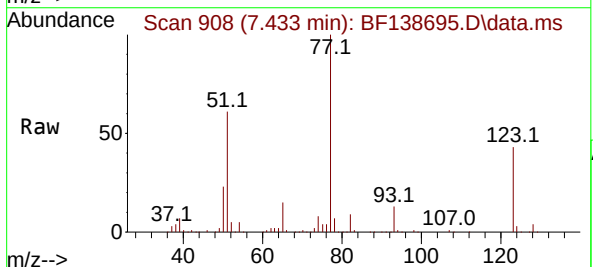
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

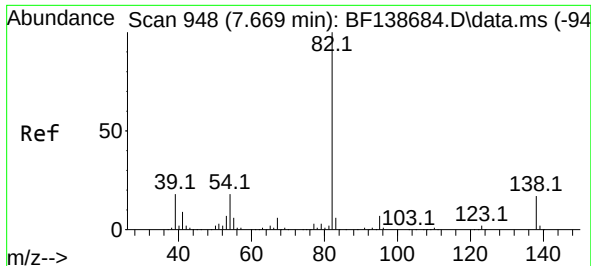
Tgt Ion: 82 Resp: 647918
Ion Ratio Lower Upper
82 100
128 41.0 32.8 49.2
54 59.1 48.3 72.5



#24
Nitrobenzene
Concen: 44.122 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion: 77 Resp: 325105
Ion Ratio Lower Upper
77 100
123 43.3 33.3 49.9
65 14.9 11.9 17.9

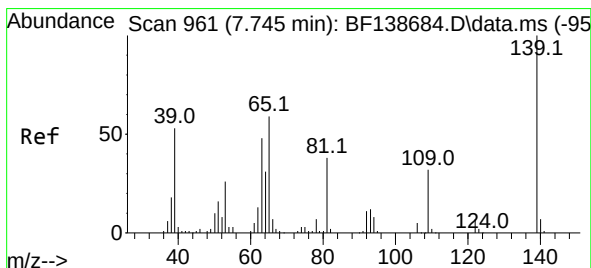
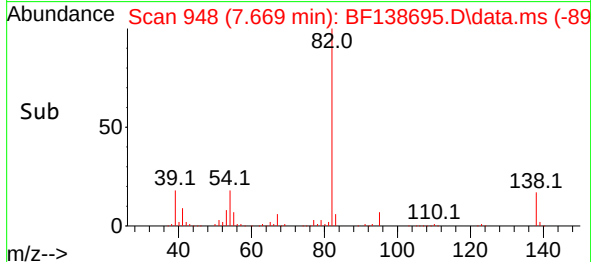
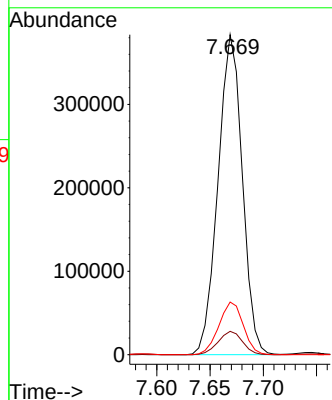
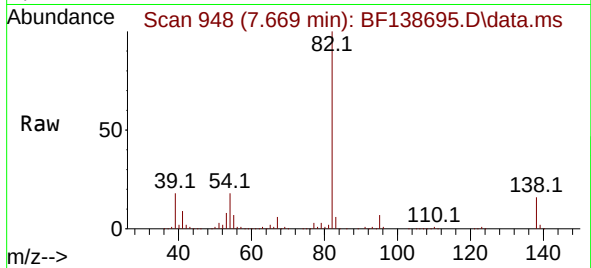




#25
Isophorone
Concen: 49.104 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

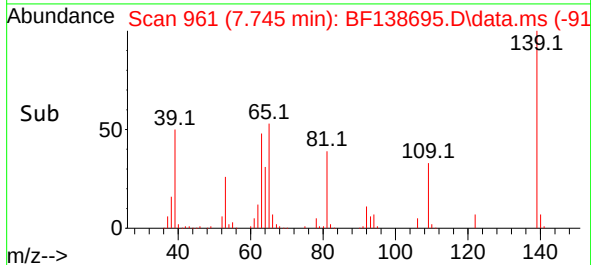
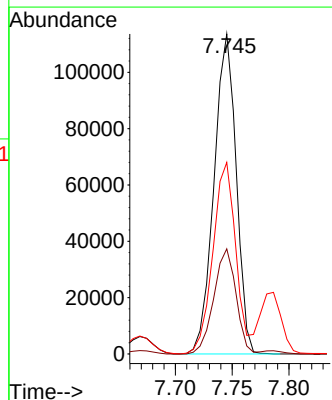
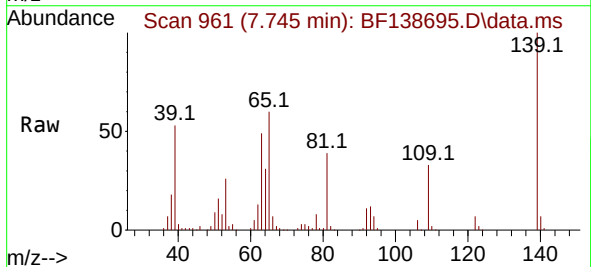
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

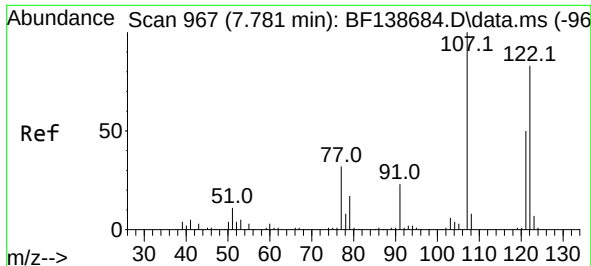
Tgt Ion: 82 Resp: 607147
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 16.4 13.7 20.5



#26
2-Nitrophenol
Concen: 48.700 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:139 Resp: 154384
Ion Ratio Lower Upper
139 100
109 32.8 25.9 38.9
65 59.9 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 70.836 ng

RT: 7.786 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB162317BSD

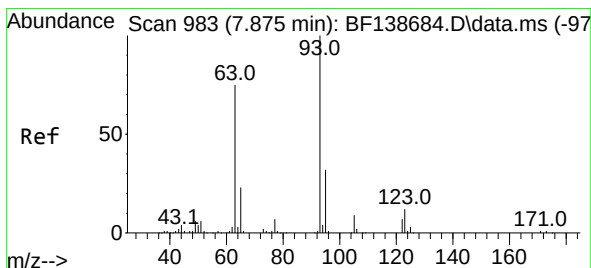
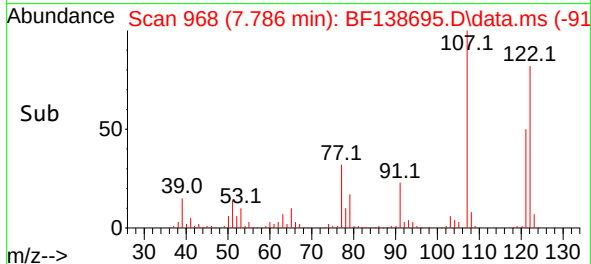
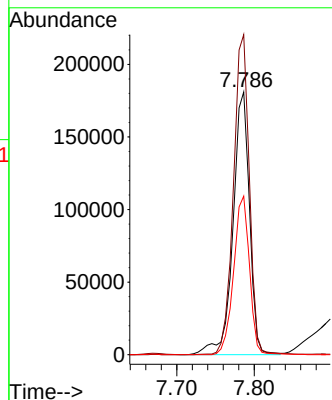
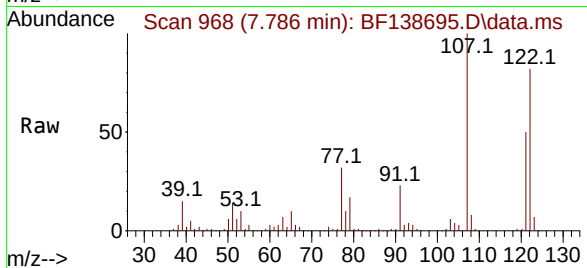
Tgt Ion:122 Resp: 268672

Ion Ratio Lower Upper

122 100

107 121.8 95.0 142.6

121 60.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 47.839 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

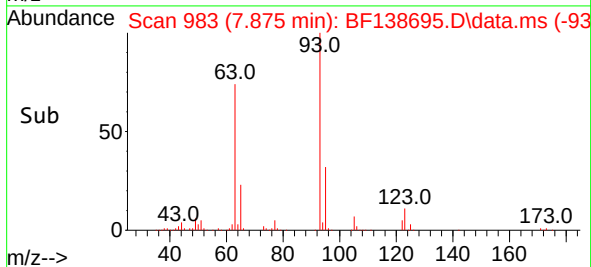
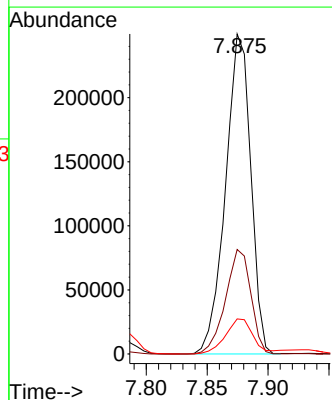
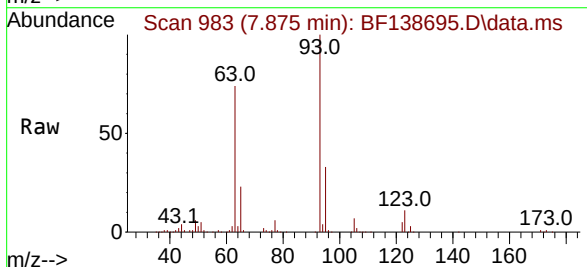
Tgt Ion: 93 Resp: 360204

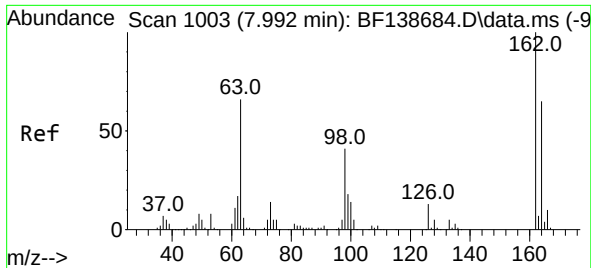
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.130 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB162317BSD

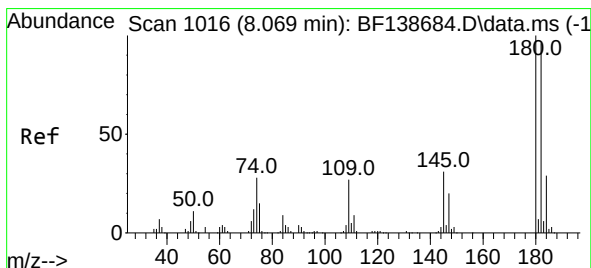
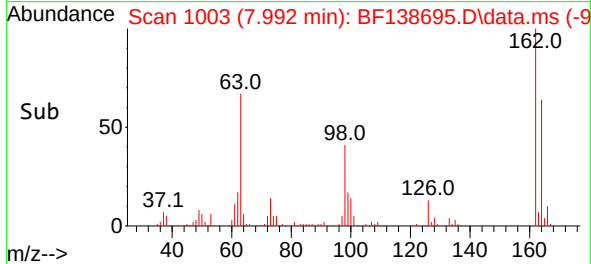
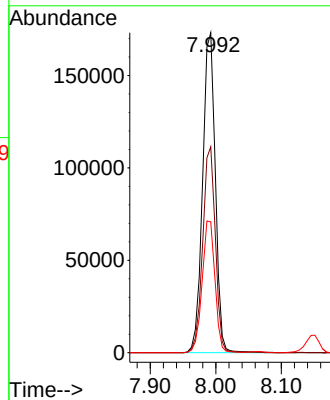
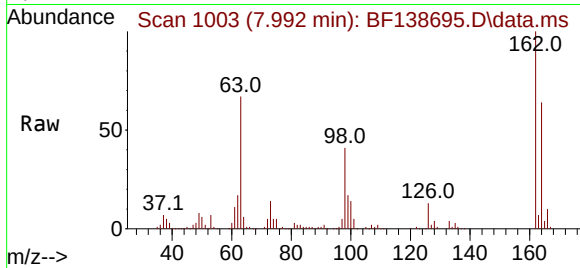
Tgt Ion:162 Resp: 234577

Ion Ratio Lower Upper

162 100

164 64.4 44.7 84.7

98 40.9 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 44.748 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

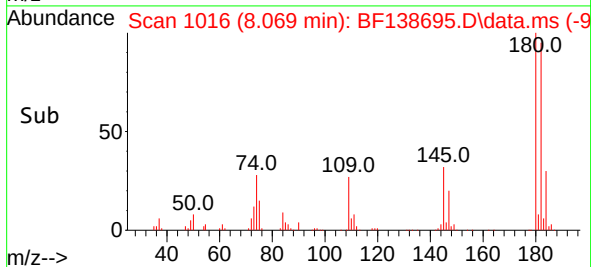
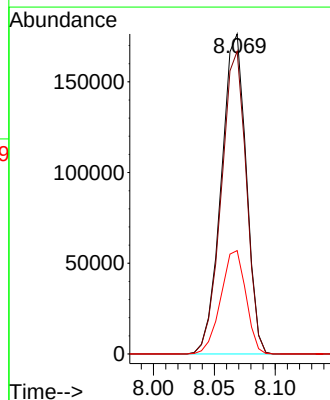
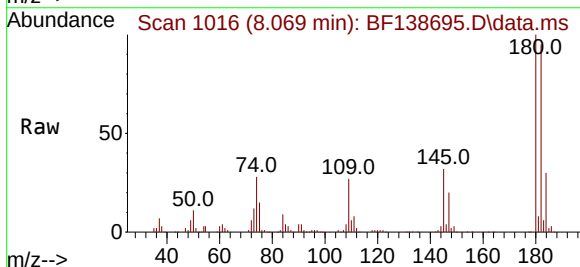
Tgt Ion:180 Resp: 251684

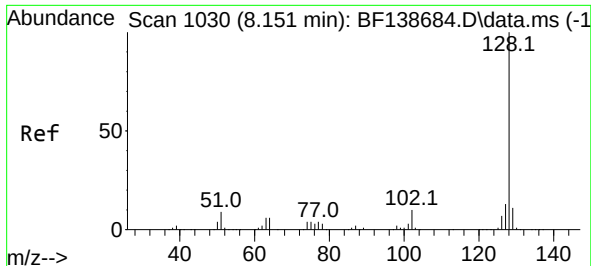
Ion Ratio Lower Upper

180 100

182 94.6 76.9 115.3

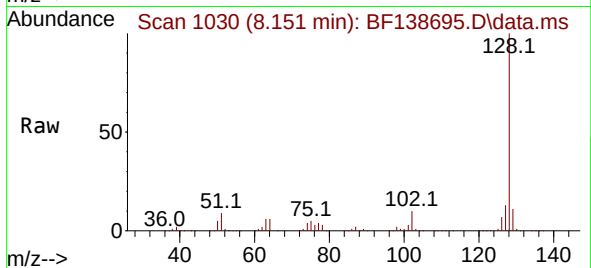
145 32.3 25.0 37.4



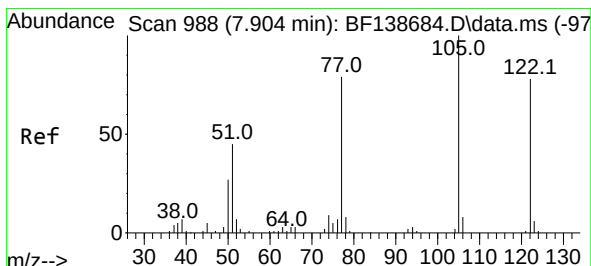
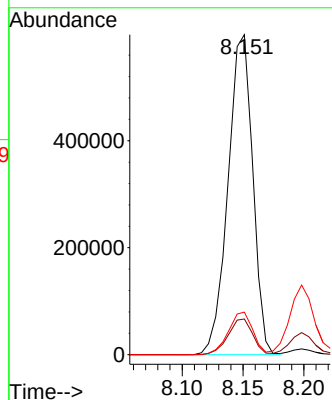
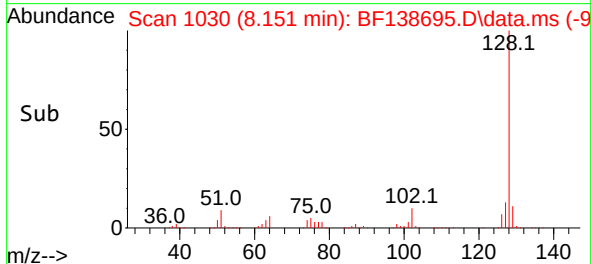


#31
Naphthalene
Concen: 45.331 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

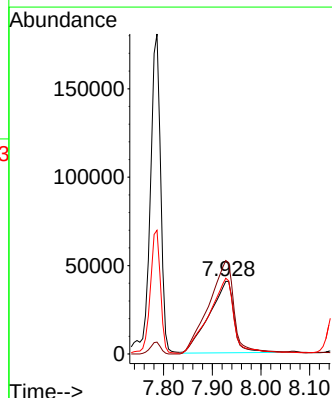
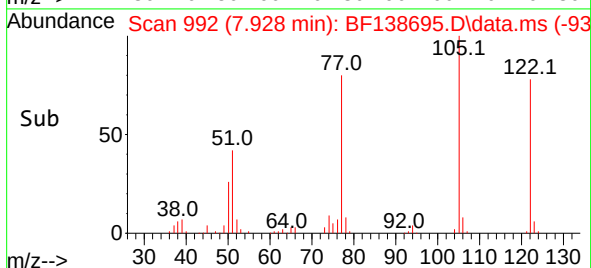
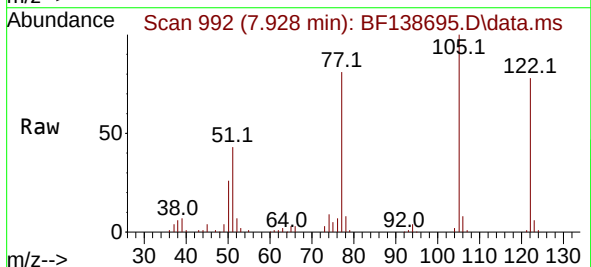


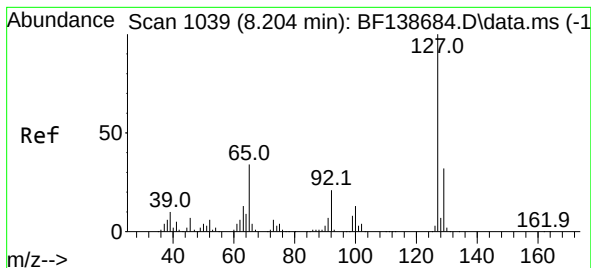
Tgt Ion:128 Resp: 844726
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 48.439 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:122 Resp: 144420
Ion Ratio Lower Upper
122 100
105 128.6 106.7 146.7
77 104.2 81.1 121.1





#33

4-Chloroaniline

Concen: 31.317 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB162317BSD

Tgt Ion:127 Resp: 195896

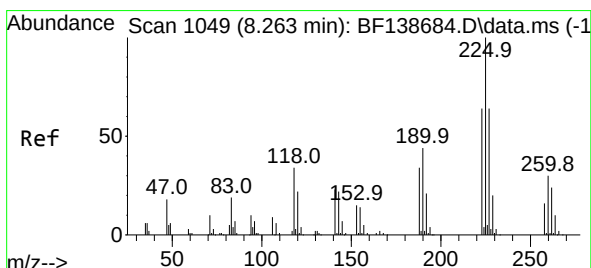
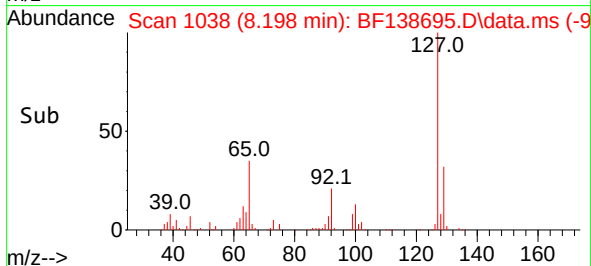
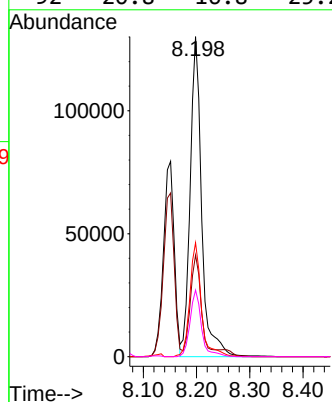
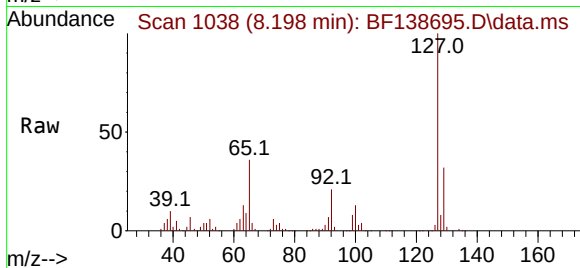
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 35.6 27.6 41.4

92 20.8 16.8 25.2



#34

Hexachlorobutadiene

Concen: 44.348 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

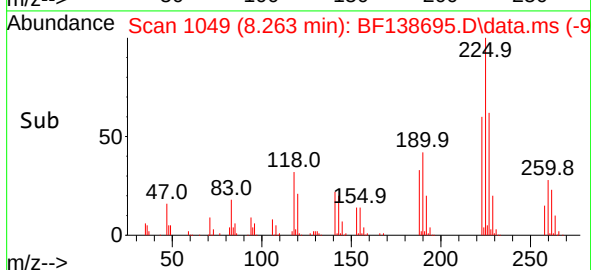
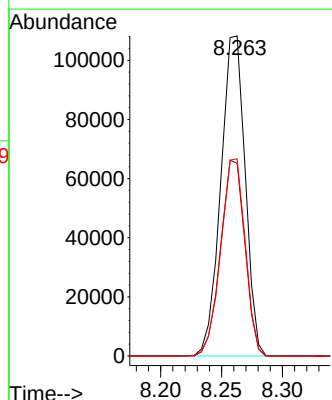
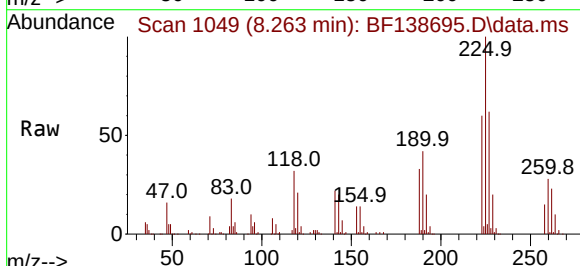
Tgt Ion:225 Resp: 151081

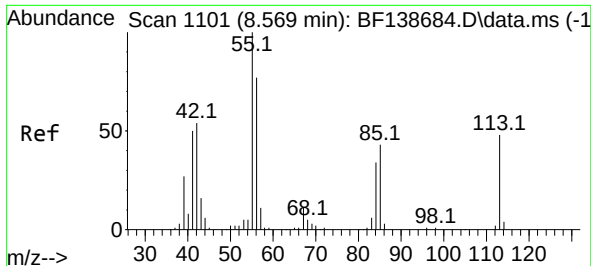
Ion Ratio Lower Upper

225 100

223 60.2 51.2 76.8

227 61.6 51.1 76.7

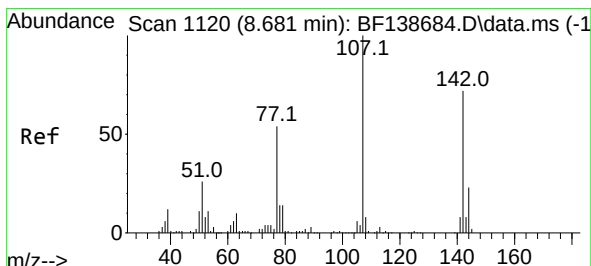
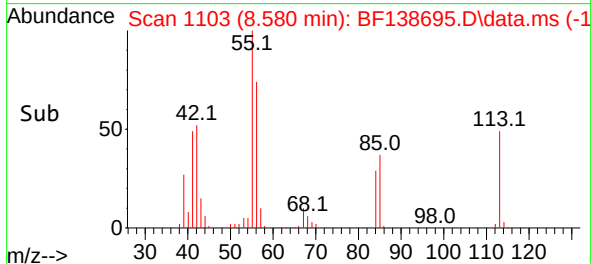
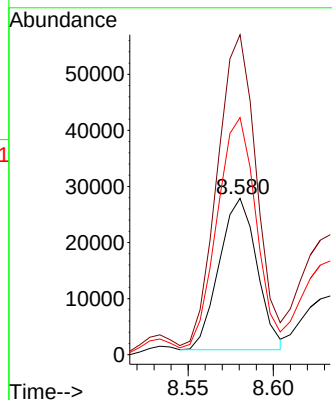
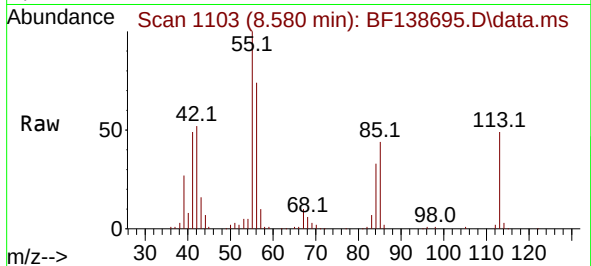




#35
Caprolactam
Concen: 28.620 ng
RT: 8.580 min Scan# 1101
Delta R.T. 0.012 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

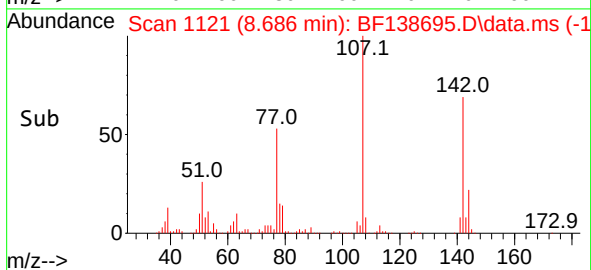
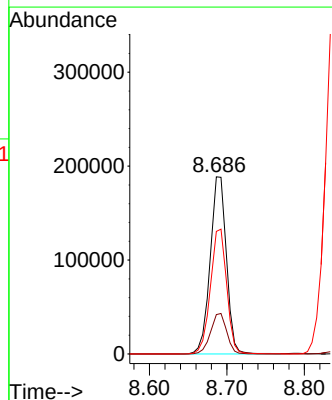
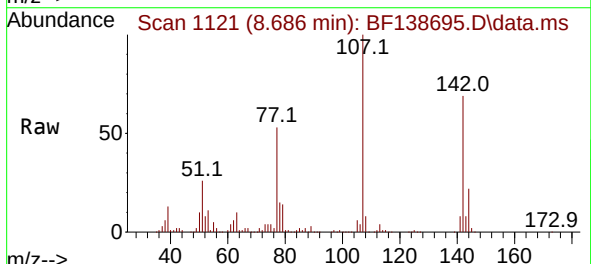
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion:113 Resp: 41622
Ion Ratio Lower Upper
113 100
55 204.7 186.7 226.7
56 151.7 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 49.386 ng
RT: 8.686 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:107 Resp: 275080
Ion Ratio Lower Upper
107 100
144 22.3 18.2 27.2
142 69.2 57.4 86.2





#37
2-Methylnaphthalene
Concen: 45.947 ng
RT: 8.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion:142 Resp: 540745
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2

Raw

Sub

Ref

#38
1-Methylnaphthalene
Concen: 44.120 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:142 Resp: 508813
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7

Raw

Sub



Raw

Sub

Ref

Raw

Sub

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion:	164	Resp:	189558
Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.4	119.0
160	45.5	35.1	52.7

#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.975 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:	216	Resp:	242091
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.9	95.9
179	22.7	17.8	26.6
108	22.9	16.0	24.0



Raw

Sub

Ref

Raw

Sub

#41
Hexachlorocyclopentadiene
Concen: 174.308 ng
RT: 8.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion:	237	Resp:	255478
Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.8	81.8
272	12.4	0.0	32.2

#42
2,4,6-Tribromophenol
Concen: 101.826 ng
RT: 10.674 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:	330	Resp:	158108
Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.4	114.6
141	39.1	31.1	46.7



#43
2,4,6-Trichlorophenol
Concen: 48.484 ng
RT: 9.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion:	196	Resp:	155661
Ion	Ratio	Lower	Upper
196	100		
198	101.9	80.5	120.7
200	32.8	25.9	38.9

Raw

Sub

Ref

#44
2,4,5-Trichlorophenol
Concen: 48.255 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:	196	Resp:	169365
Ion	Ratio	Lower	Upper
196	100		
198	100.6	81.2	121.8
97	57.3	47.8	71.6
132	31.9	25.3	37.9

Raw

Sub



#45
2-Fluorobiphenyl
Concen: 88.739 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion:	172	Resp:	1119549
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.3	42.5
170	23.8	18.8	28.2

Raw

Sub

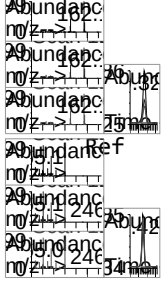
Ref

#46
1,1'-Biphenyl
Concen: 46.538 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:	154	Resp:	690894
Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	12.6	0.0	32.8

Raw

Sub



Raw

Sub

Ref

Raw

Sub

#47
2-Chloronaphthalene
Concen: 46.072 ng
RT: 9.327 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument : BNA_F
ClientSampleId : PB162317BSD

Tgt Ion:	162	Resp:	508698
Ion	Ratio	Lower	Upper
162	100		
127	44.4	35.4	53.2
164	32.3	25.6	38.4

#48
2-Nitroaniline
Concen: 50.513 ng
RT: 9.427 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:	65	Resp:	189077
Ion	Ratio	Lower	Upper
65	100		
92	64.3	52.0	78.0
138	92.5	76.2	114.4



#49
Acenaphthylene
Concen: 49.526 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion:	152	Resp:	775581
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.0	24.0
153	13.9	11.0	16.4

Raw

Sub

Ref

#50
Dimethylphthalate
Concen: 51.904 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:	163	Resp:	629106
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.1	7.8	11.8

Raw

Sub



#51
2,6-Dinitrotoluene
Concen: 51.111 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion	165	Resp	139808
Ion	Ratio	Lower	Upper
165	100		
63	65.1	52.0	78.0
89	58.5	47.0	70.6

Raw

Sub

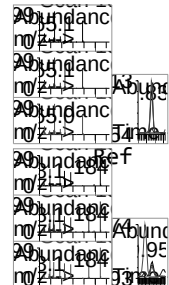
Ref

#52
Acenaphthene
Concen: 47.604 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion	154	Resp	501121
Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.9	134.9
152	50.8	40.6	60.8

Raw

Sub



#53
3-Nitroaniline
Concen: 35.177 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion:138 Resp: 99472
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 124.9 98.7 148.1

Raw

Sub

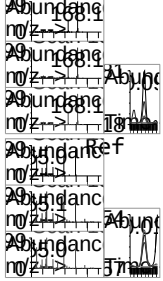
Ref

#54
2,4-Dinitrophenol
Concen: 117.526 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:184 Resp: 147988
Ion Ratio Lower Upper
184 100
63 78.7 57.5 86.3
154 68.5 51.7 77.5

Raw

Sub



Raw

Sub

Ref

Raw

Sub

#55
Dibenzofuran
Concen: 49.052 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion:	168	Resp:	728900
Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.6	49.0
169	13.1	10.7	16.1

#56
4-Nitrophenol
Concen: 115.482 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:	139	Resp:	196376
Ion	Ratio	Lower	Upper
139	100		
109	76.7	55.5	95.5
65	117.5	96.7	136.7



#57
2,4-Dinitrotoluene
Concen: 51.280 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion:	165	Resp:	178964
Ion	Ratio	Lower	Upper
165	100		
63	68.4	46.3	69.5
89	84.6	64.2	96.4
182	2.9	2.5	3.7

Raw

Sub

Ref

#58
Fluorene
Concen: 48.889 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:	166	Resp:	578526
Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	13.5	10.6	16.0

Raw

Sub



Raw

Sub

#59
2,3,4,6-Tetrachlorophenol
Concen: 55.169 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument : BNA_F
ClientSampleId : PB162317BSD

Tgt Ion:	232	Resp:	148036
Ion	Ratio	Lower	Upper
232	100		
131	48.0	37.0	55.4
130	2.7	2.0	3.0
166	29.9	24.7	37.1

Ref

#60
Diethylphthalate
Concen: 52.203 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.012 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:	149	Resp:	599938
Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.8	26.8
150	12.6	10.1	15.1

Raw

Sub



Raw

Sub

Ref

Raw

Sub

#61
4-Chlorophenyl-phenylether
Concen: 48.422 ng
RT: 10.422 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion	204	Resp	281813
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.1	39.1
141	65.0	51.4	77.0

#62
4-Nitroaniline
Concen: 50.906 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion	138	Resp	136798
Ion	Ratio	Lower	Upper
138	100		
92	54.7	34.2	74.2
108	78.4	56.2	96.2



#63
Azobenzene
Concen: 49.820 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion: 77	Resp: 635014
Ion Ratio	Lower Upper
77 100	
182 23.0	3.4 43.4
105 20.0	0.2 40.2
51 35.0	14.6 54.6

Raw

Sub

Ref

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:188	Resp: 343000
Ion Ratio	Lower Upper
188 100	
94 10.2	7.6 11.4
80 11.3	8.6 12.8

Raw

Sub



Raw

Sub

#65
4,6-Dinitro-2-methylphenol
Concen: 50.054 ng
RT: 10.492 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion	198	Resp	104743
Ion	Ratio	Lower	Upper
198	100		
51	54.7	39.9	79.9
105	45.1	26.1	66.1

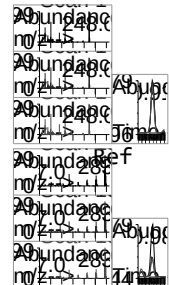
Ref

#66
n-Nitrosodiphenylamine
Concen: 47.104 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion	169	Resp	505024
Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.0	79.6
167	35.9	29.0	43.6

Raw

Sub



Raw

Sub

Ref

Raw

Sub

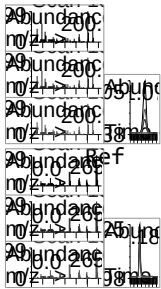
#67
4-Bromophenyl-phenylether
Concen: 45.482 ng
RT: 10.910 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion:	248	Resp:	168903
Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.7	116.5
141	87.3	68.0	102.0

#68
Hexachlorobenzene
Concen: 45.704 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:	284	Resp:	175244
Ion	Ratio	Lower	Upper
284	100		
142	35.3	31.3	46.9
249	32.7	27.2	40.8



Raw

Sub

Ref

Raw

Sub

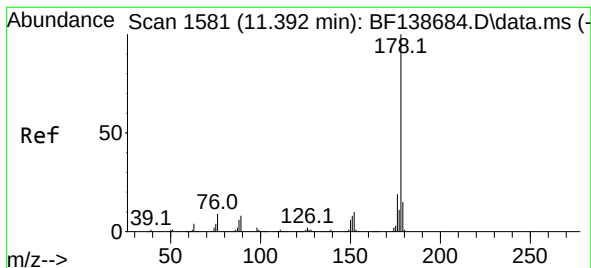
#69
Atrazine
Concen: 60.857 ng
RT: 11.074 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Tgt Ion:	200	Resp:	168339
Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.0	46.0
215	45.1	26.1	66.1

#70
Pentachlorophenol
Concen: 97.040 ng
RT: 11.180 min Scan# 1545
Delta R.T. 0.005 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:	266	Resp:	167714
Ion	Ratio	Lower	Upper
266	100		
268	64.3	49.2	73.8
264	64.3	49.8	74.6



#71

Phenanthrene

Concen: 47.876 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB162317BSD

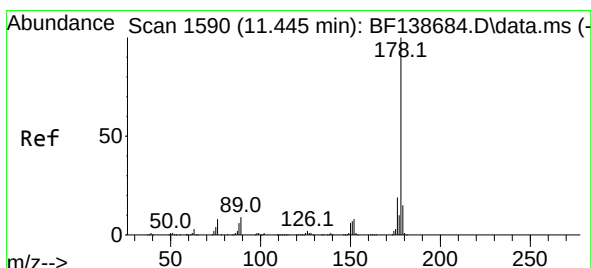
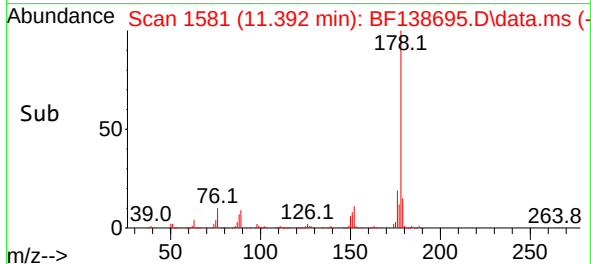
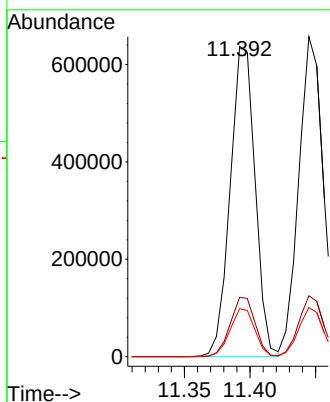
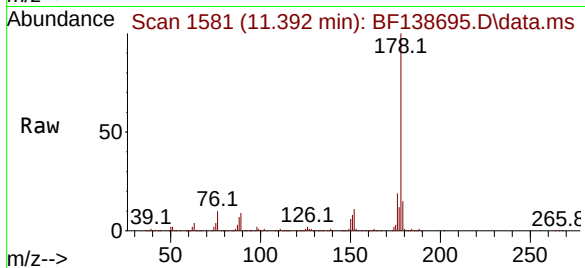
Tgt Ion:178 Resp: 845573

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.5 12.2 18.2



#72

Anthracene

Concen: 48.381 ng

RT: 11.445 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

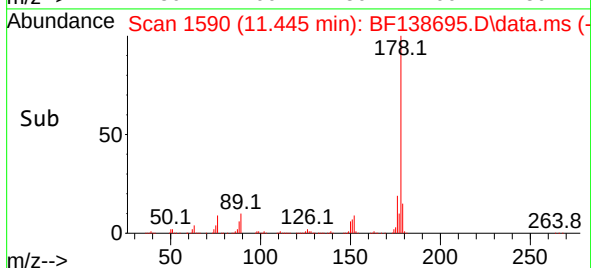
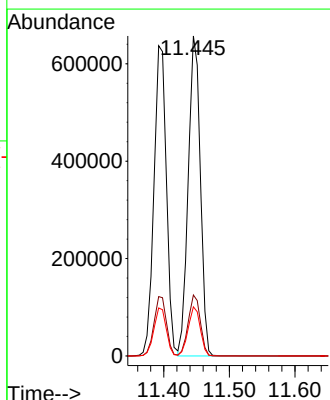
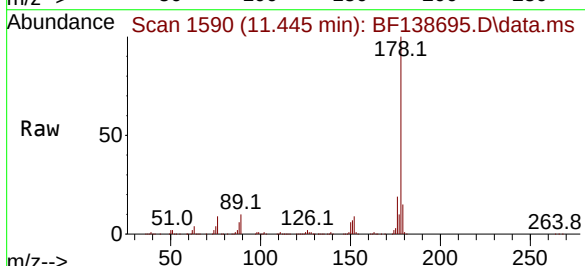
Tgt Ion:178 Resp: 841801

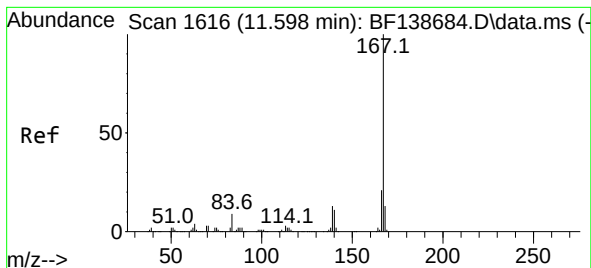
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.3 12.4 18.6





#73

Carbazole

Concen: 48.414 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB162317BSD

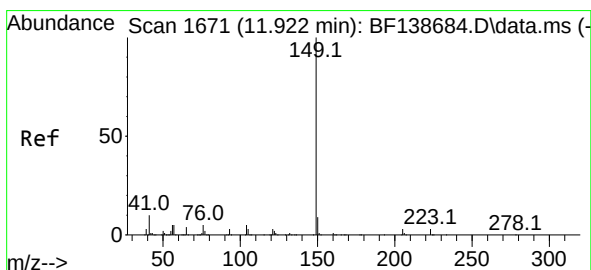
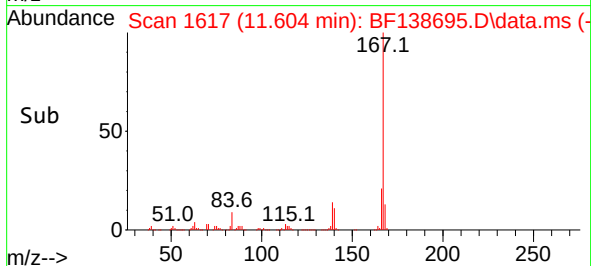
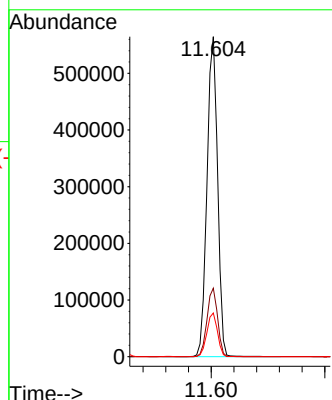
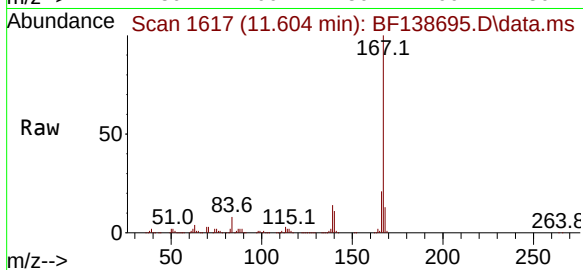
Tgt Ion:167 Resp: 726745

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 53.952 ng

RT: 11.927 min Scan# 1672

Delta R.T. 0.006 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

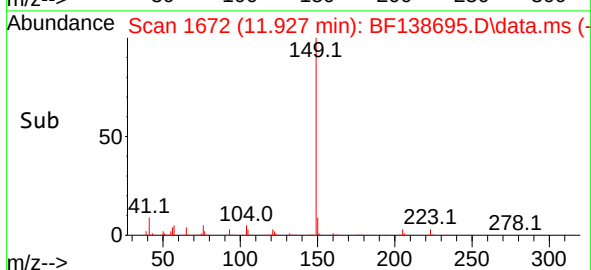
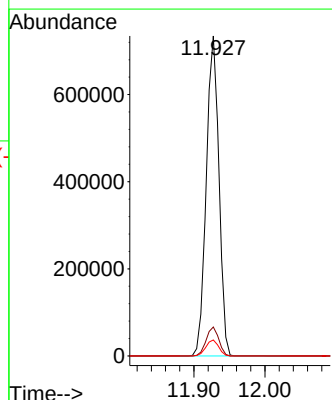
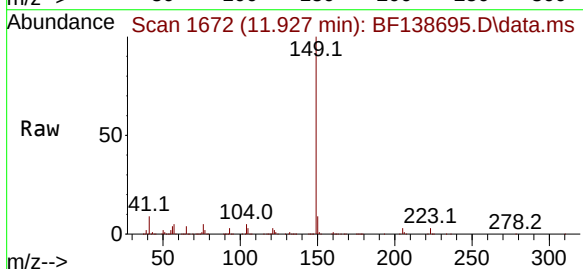
Tgt Ion:149 Resp: 910446

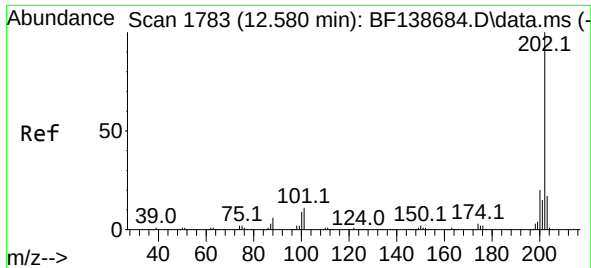
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.0 4.1 6.1

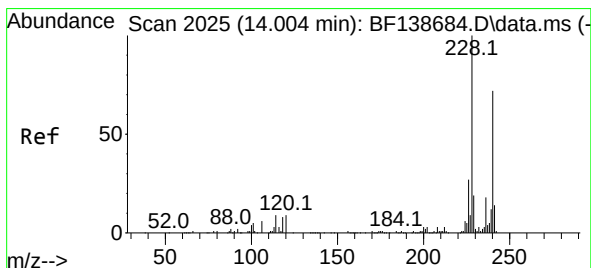
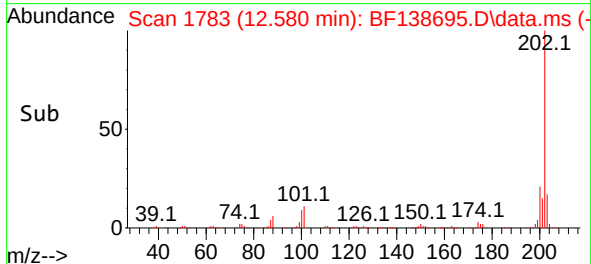
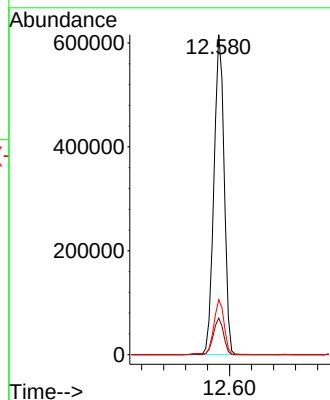
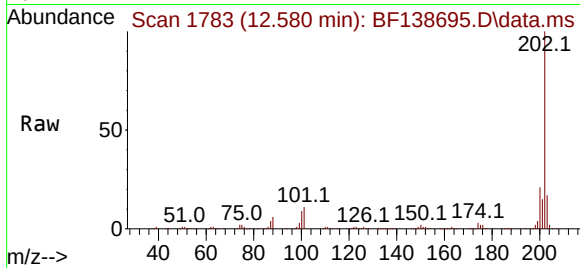




#75
Fluoranthene
Concen: 48.303 ng
RT: 12.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

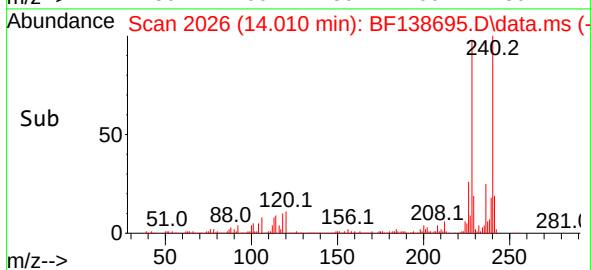
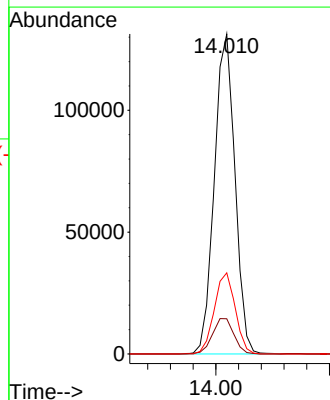
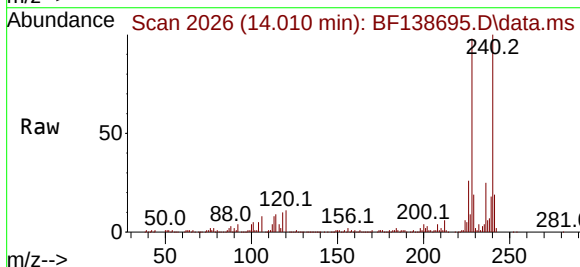
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

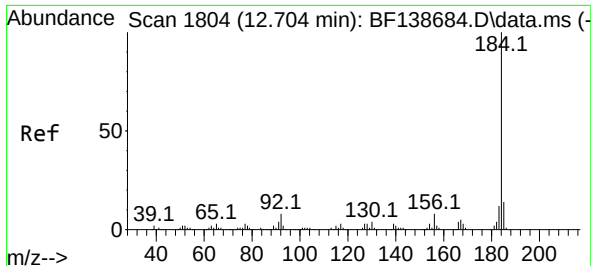
Tgt Ion:202 Resp: 796432
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.2
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:240 Resp: 165422
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 25.3 19.8 29.8

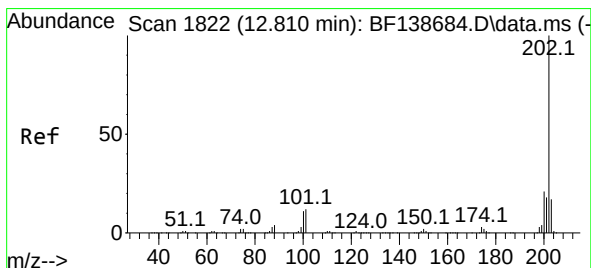
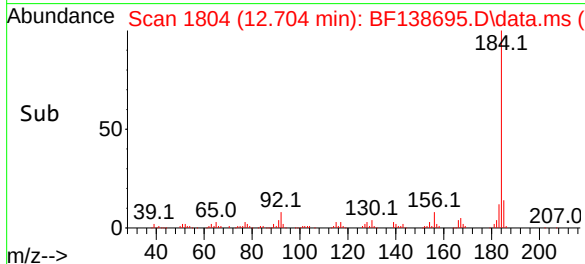
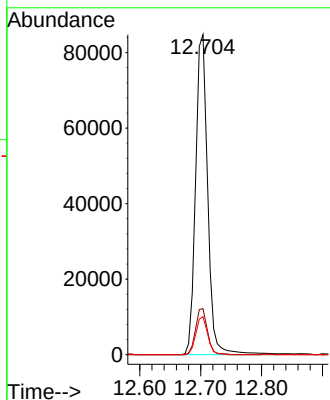
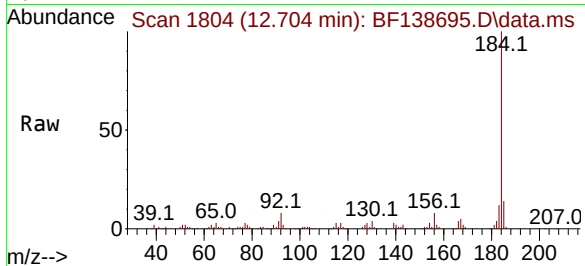




#77
Benzidine
Concen: 29.606 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

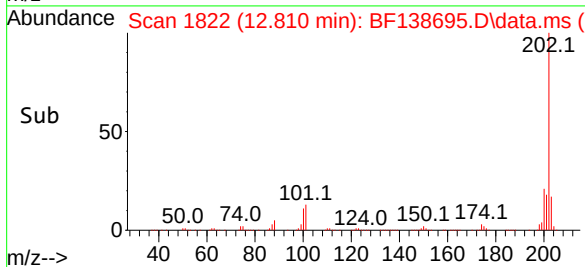
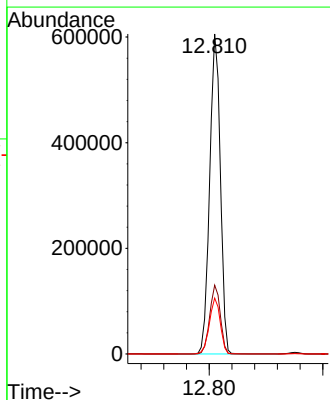
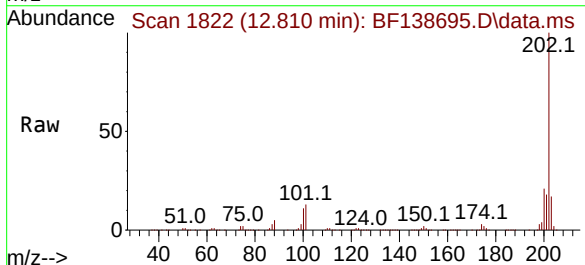
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

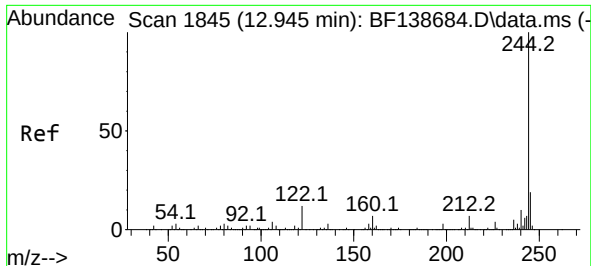
Tgt Ion:184 Resp: 117141
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 11.8 9.6 14.4



#78
Pyrene
Concen: 50.280 ng
RT: 12.810 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

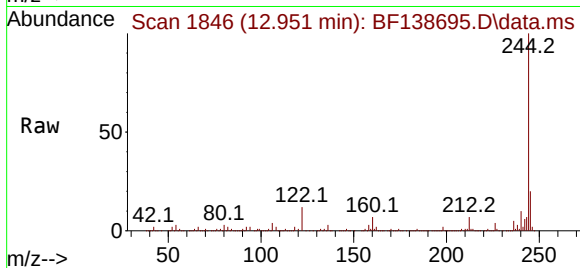
Tgt Ion:202 Resp: 783111
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 17.5 13.8 20.6



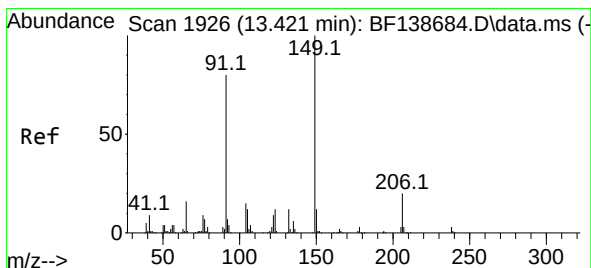
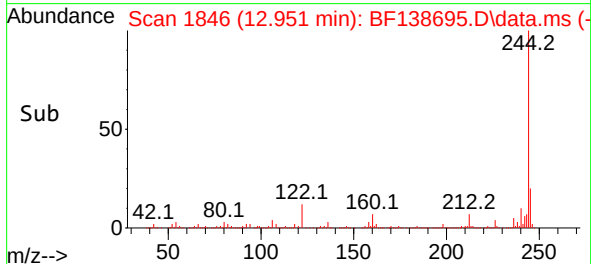
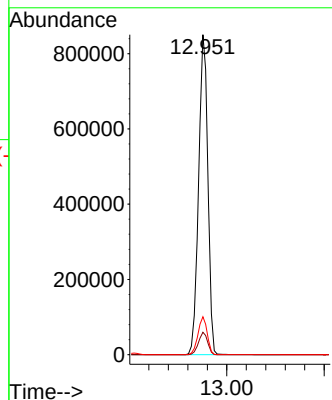


#79
 Terphenyl-d14
 Concen: 114.024 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138695.D
 Acq: 31 Jul 2024 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB162317BSD

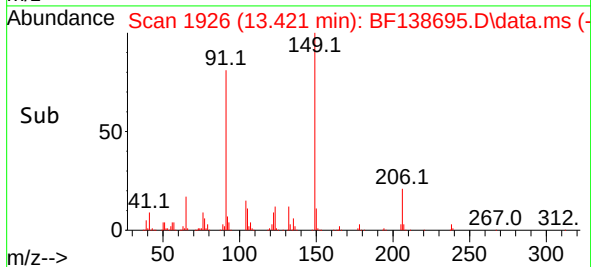
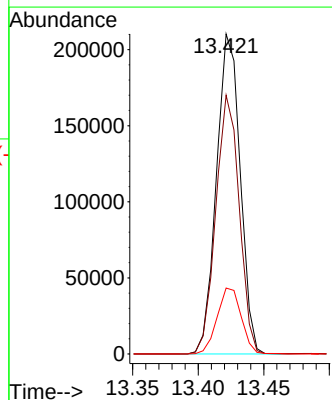
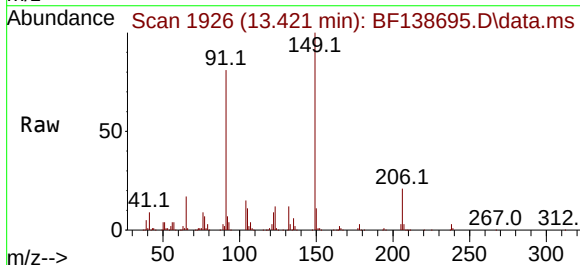


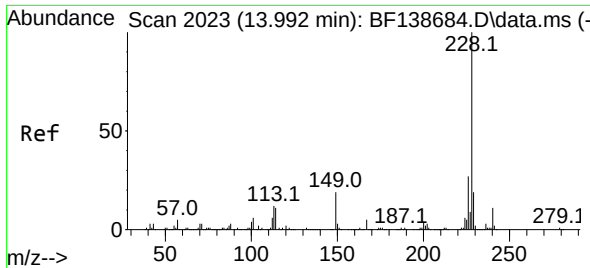
Tgt Ion:244 Resp: 1126585
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.9 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 53.008 ng
 RT: 13.421 min Scan# 1926
 Delta R.T. -0.000 min
 Lab File: BF138695.D
 Acq: 31 Jul 2024 11:01

Tgt Ion:149 Resp: 264379
 Ion Ratio Lower Upper
 149 100
 91 80.9 63.7 95.5
 206 20.6 16.2 24.2

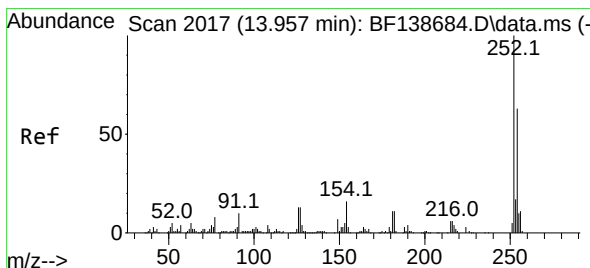
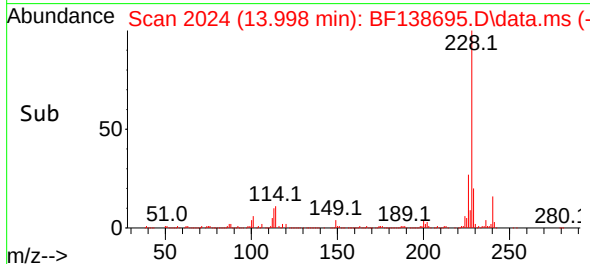
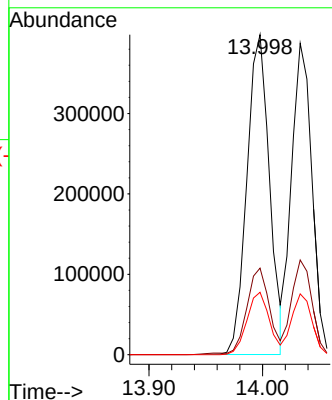
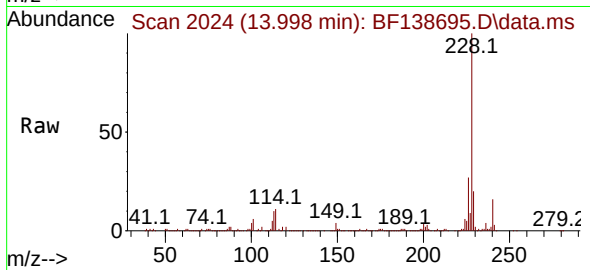




#81
Benzo(a)anthracene
Concen: 48.232 ng
RT: 13.998 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

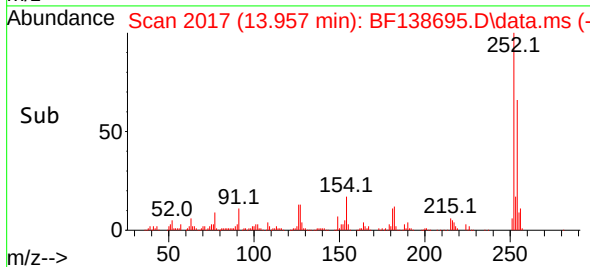
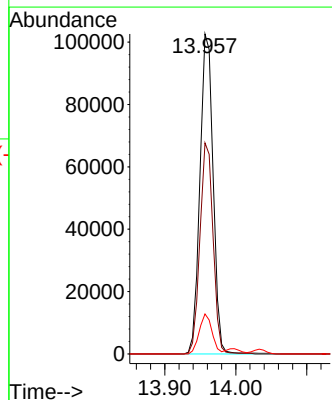
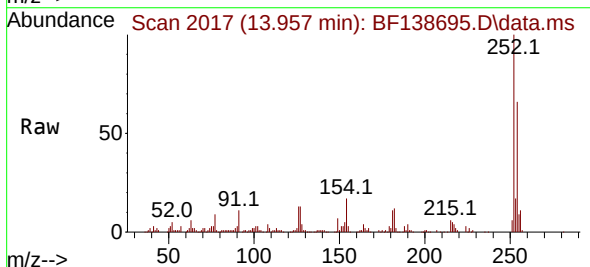
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

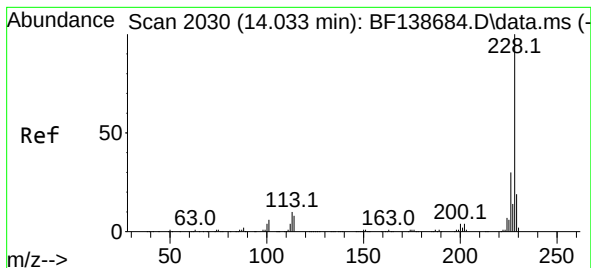
Tgt Ion:228 Resp: 549429
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.5 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 45.612 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:252 Resp: 132962
Ion Ratio Lower Upper
252 100
254 66.0 50.8 76.2
126 12.5 10.2 15.2





#83

Chrysene

Concen: 47.006 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB162317BSD

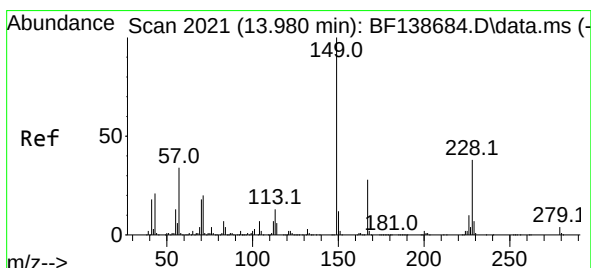
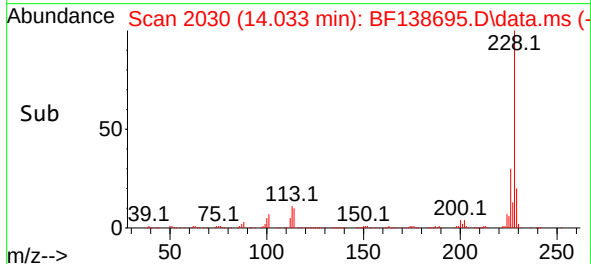
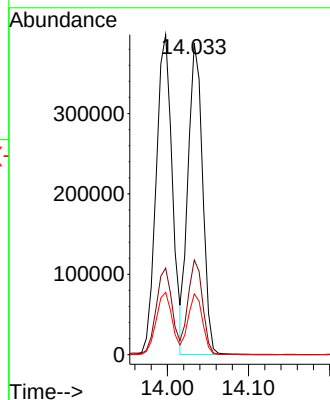
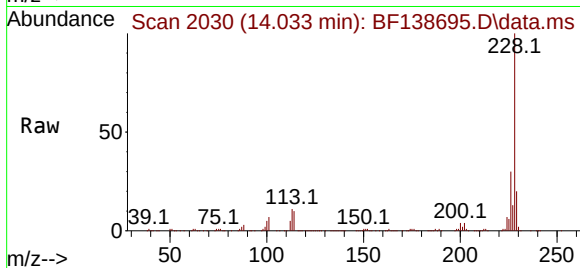
Tgt Ion:228 Resp: 483087

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

229 19.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.478 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF138695.D

Acq: 31 Jul 2024 11:01

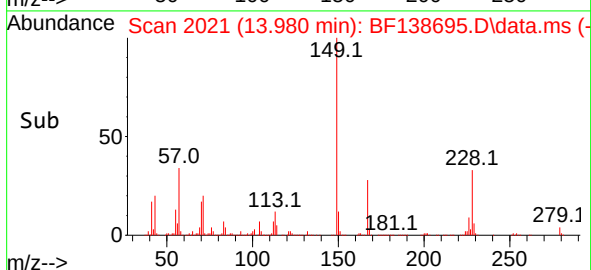
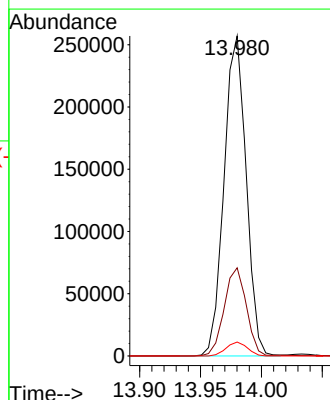
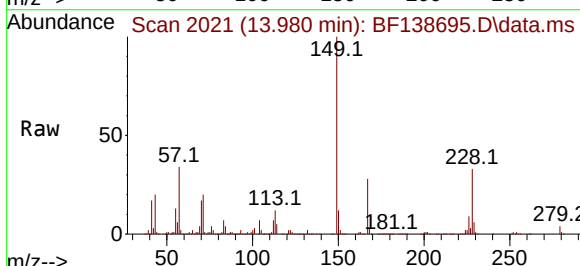
Tgt Ion:149 Resp: 324842

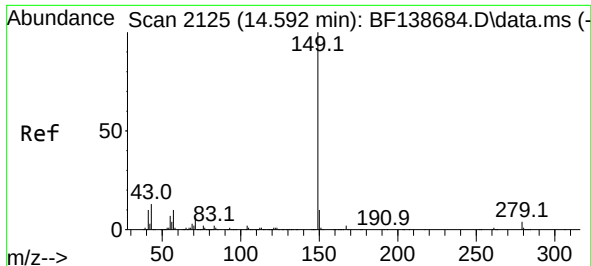
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

279 4.4 3.4 5.0

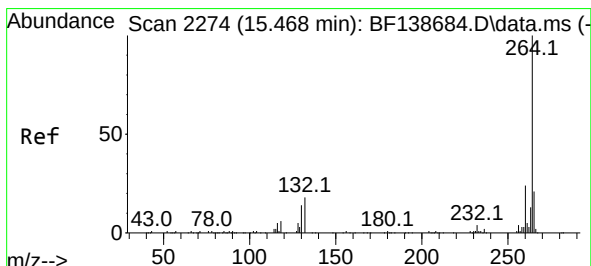
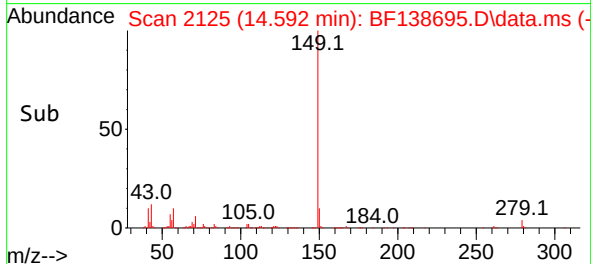
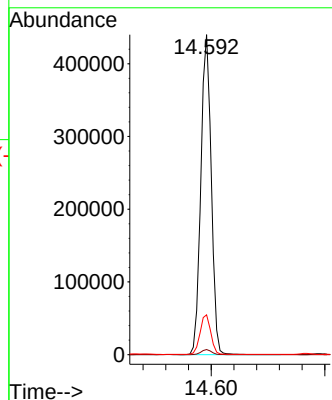
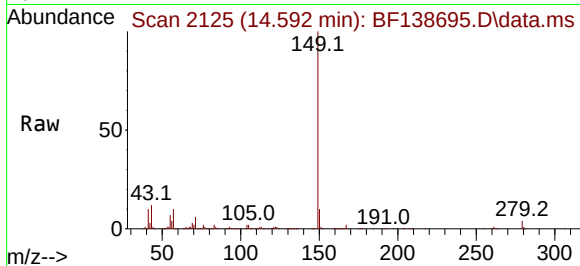




#85
Di-n-octyl phthalate
Concen: 41.519 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

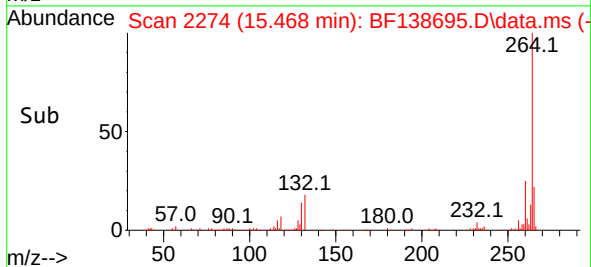
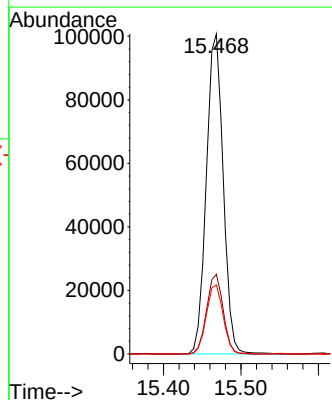
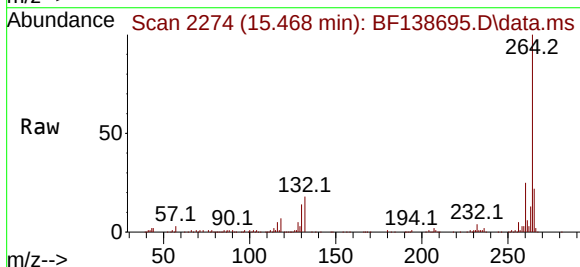
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

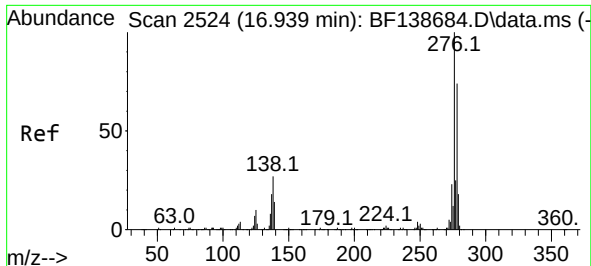
Tgt Ion:149 Resp: 561032
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 12.7 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:264 Resp: 151993
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.6
265 21.6 17.0 25.6

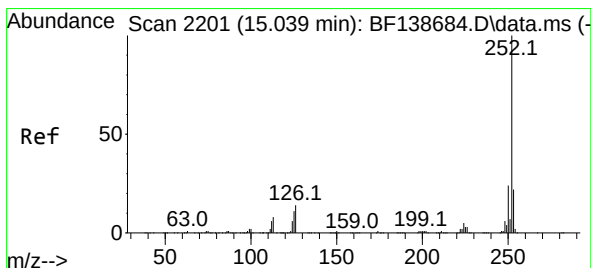
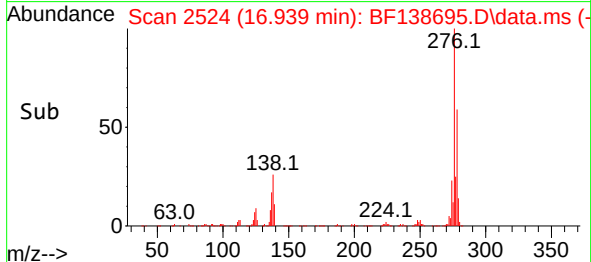
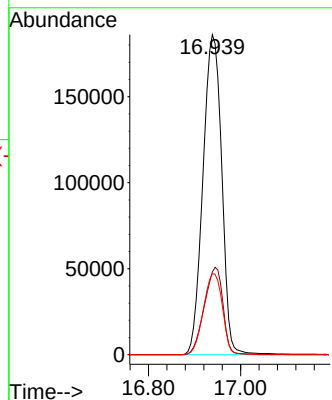
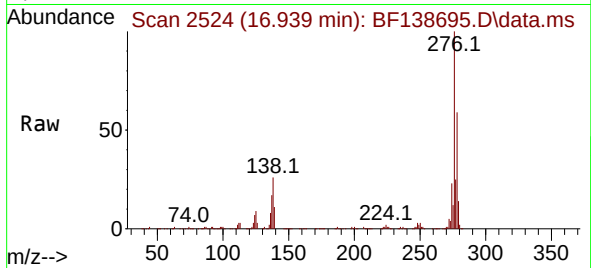




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.464 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

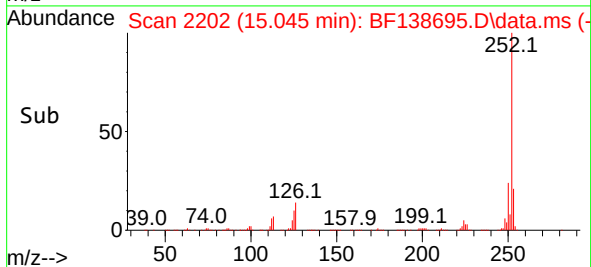
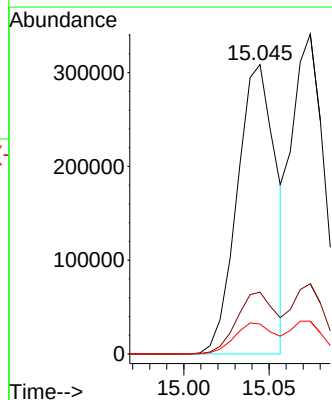
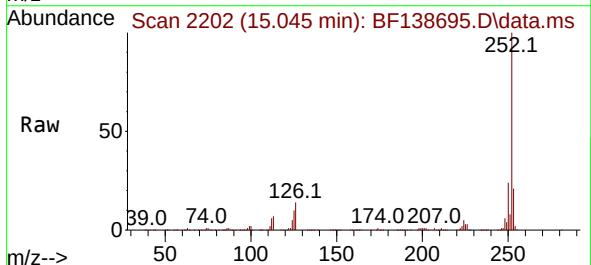
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

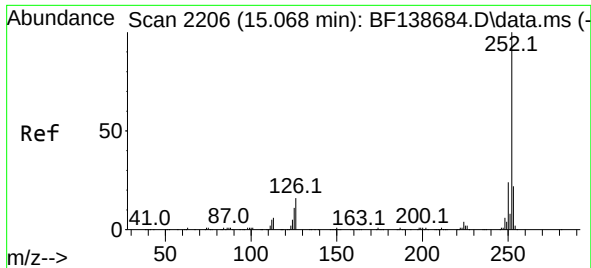
Tgt Ion:276 Resp: 527884
Ion Ratio Lower Upper
276 100
138 27.1 21.8 32.8
277 25.6 20.6 30.8



#88
Benzo(b)fluoranthene
Concen: 51.538 ng
RT: 15.045 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:252 Resp: 485593
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 10.3 8.9 13.3

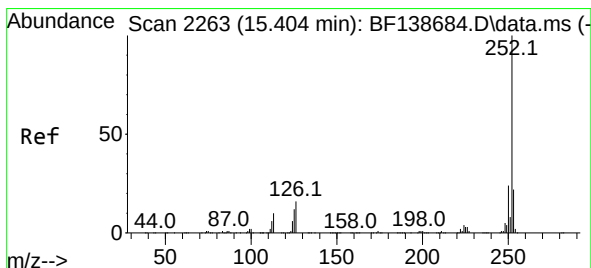
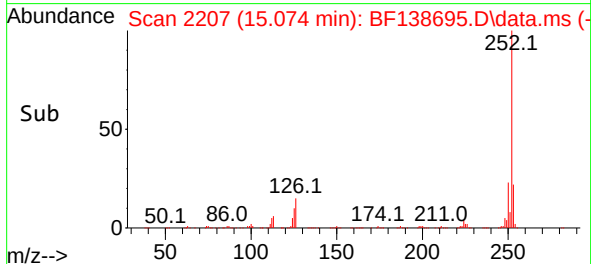
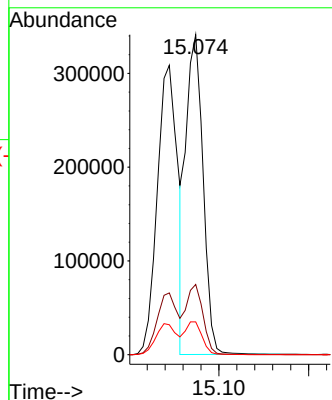
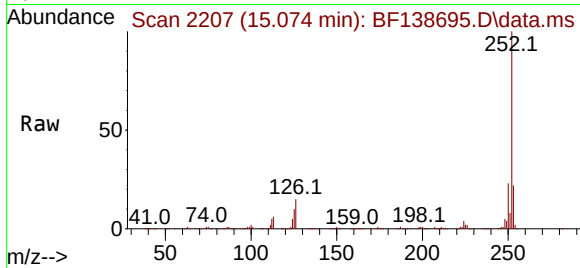




#89
Benzo(k)fluoranthene
Concen: 55.233 ng
RT: 15.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

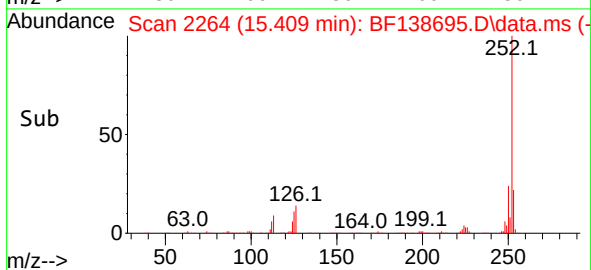
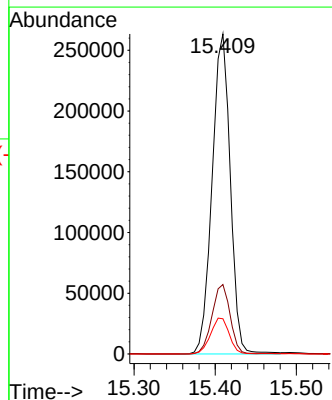
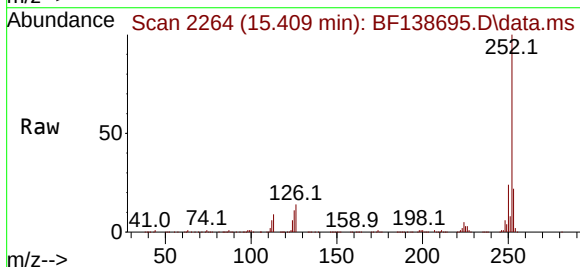
Instrument :
BNA_F
ClientSampleId :
PB162317BSD

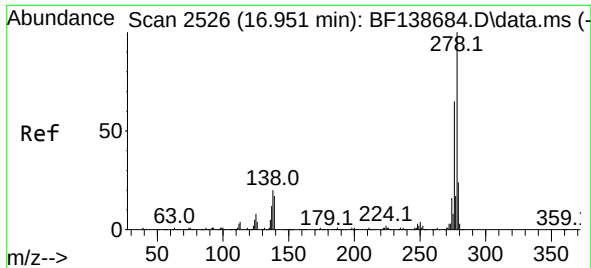
Tgt Ion:252 Resp: 450581
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.3 8.6 13.0



#90
Benzo(a)pyrene
Concen: 51.643 ng
RT: 15.409 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF138695.D
Acq: 31 Jul 2024 11:01

Tgt Ion:252 Resp: 409287
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 11.0 9.5 14.3



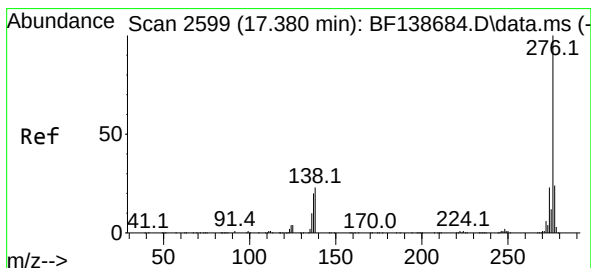
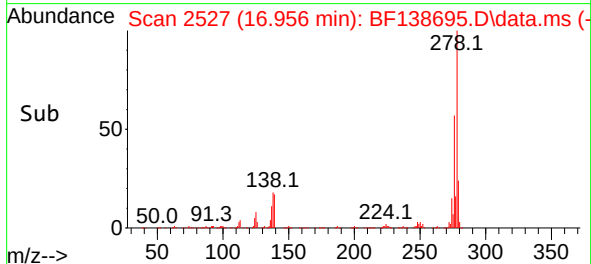
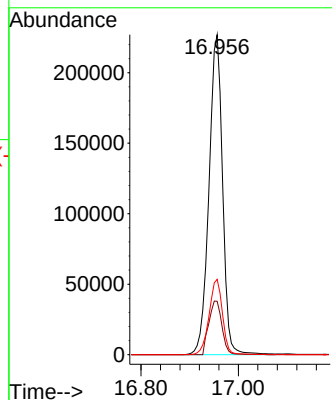
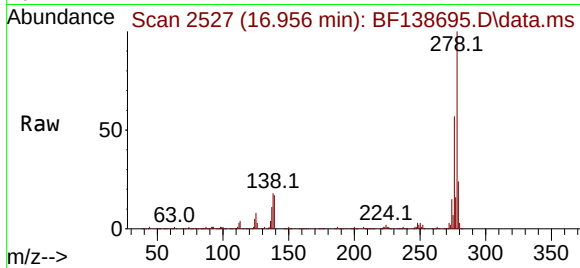


#91
 Dibenzo(a,h)anthracene
 Concen: 49.120 ng
 RT: 16.956 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138695.D
 Acq: 31 Jul 2024 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB162317BSD

Tgt Ion:278 Resp: 439198

Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.0	21.0
279	23.6	19.0	28.4



#92
 Benzo(g,h,i)perylene
 Concen: 45.969 ng
 RT: 17.386 min Scan# 2600
 Delta R.T. 0.006 min
 Lab File: BF138695.D
 Acq: 31 Jul 2024 11:01

Tgt Ion:276 Resp: 426515

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	22.3	18.5	27.7

