

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136094.D
 Acq On : 02 Nov 2023 14:23
 Operator : CG\JU
 Sample : PB156666BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156666BSD

Quant Time: Nov 02 14:59:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	144755	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	601386	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	315360	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	575734	20.000	ng	0.00
76) Chrysene-d12	14.010	240	286520	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	279380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1079120	117.145	ng	0.01
7) Phenol-d6	6.463	99	1353362	117.916	ng	0.00
23) Nitrobenzene-d5	7.386	82	802599	80.452	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	423677	125.867	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1504912	76.071	ng	0.00
79) Terphenyl-d14	12.957	244	1674053	90.798	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	133467	33.273	ng	98
3) Pyridine	3.422	79	335356	30.630	ng	99
4) n-Nitrosodimethylamine	3.387	42	182564	39.881	ng	95
6) Aniline	6.486	93	441873	29.737	ng	97
8) 2-Chlorophenol	6.604	128	438812	44.556	ng	99
9) Benzaldehyde	6.369	77	53156	8.306	ng	96
10) Phenol	6.475	94	514895	43.374	ng	90
11) bis(2-Chloroethyl)ether	6.563	93	397842	42.809	ng	100
12) 1,3-Dichlorobenzene	6.763	146	442523	43.172	ng	98
13) 1,4-Dichlorobenzene	6.839	146	444671	43.288	ng	99
14) 1,2-Dichlorobenzene	6.992	146	425273	44.275	ng	99
15) Benzyl Alcohol	6.963	79	355611	43.697	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	552367	43.181	ng	100
17) 2-Methylphenol	7.075	107	340290	40.730	ng	99
18) Hexachloroethane	7.333	117	159951	44.302	ng	91
19) n-Nitroso-di-n-propyla...	7.239	70	275557	42.019	ng	98
20) 3+4-Methylphenols	7.228	107	411676	40.409	ng	93
22) Acetophenone	7.233	105	549725	41.223	ng	# 91
24) Nitrobenzene	7.404	77	423326	41.951	ng	95
25) Isophorone	7.645	82	779430	41.385	ng	99
26) 2-Nitrophenol	7.722	139	219632	47.704	ng	95
27) 2,4-Dimethylphenol	7.757	122	352322	40.496	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	481758	41.748	ng	99
29) 2,4-Dichlorophenol	7.963	162	359146	43.789	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	383389	42.850	ng	99
31) Naphthalene	8.128	128	1206624	41.608	ng	100
32) Benzoic acid	7.886	122	282779	41.365	ng	97
33) 4-Chloroaniline	8.175	127	276957	21.808	ng	97
34) Hexachlorobutadiene	8.239	225	218028	42.491	ng	98
35) Caprolactam	8.551	113	79648	29.865	ng	96
36) 4-Chloro-3-methylphenol	8.657	107	380685	44.211	ng	98
37) 2-Methylnaphthalene	8.816	142	783254	40.280	ng	100
38) 1-Methylnaphthalene	8.916	142	750141	41.454	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	364746	40.555	ng	99
41) Hexachlorocyclopentadiene	8.969	237	395609	82.334	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	256989	43.824	ng	99

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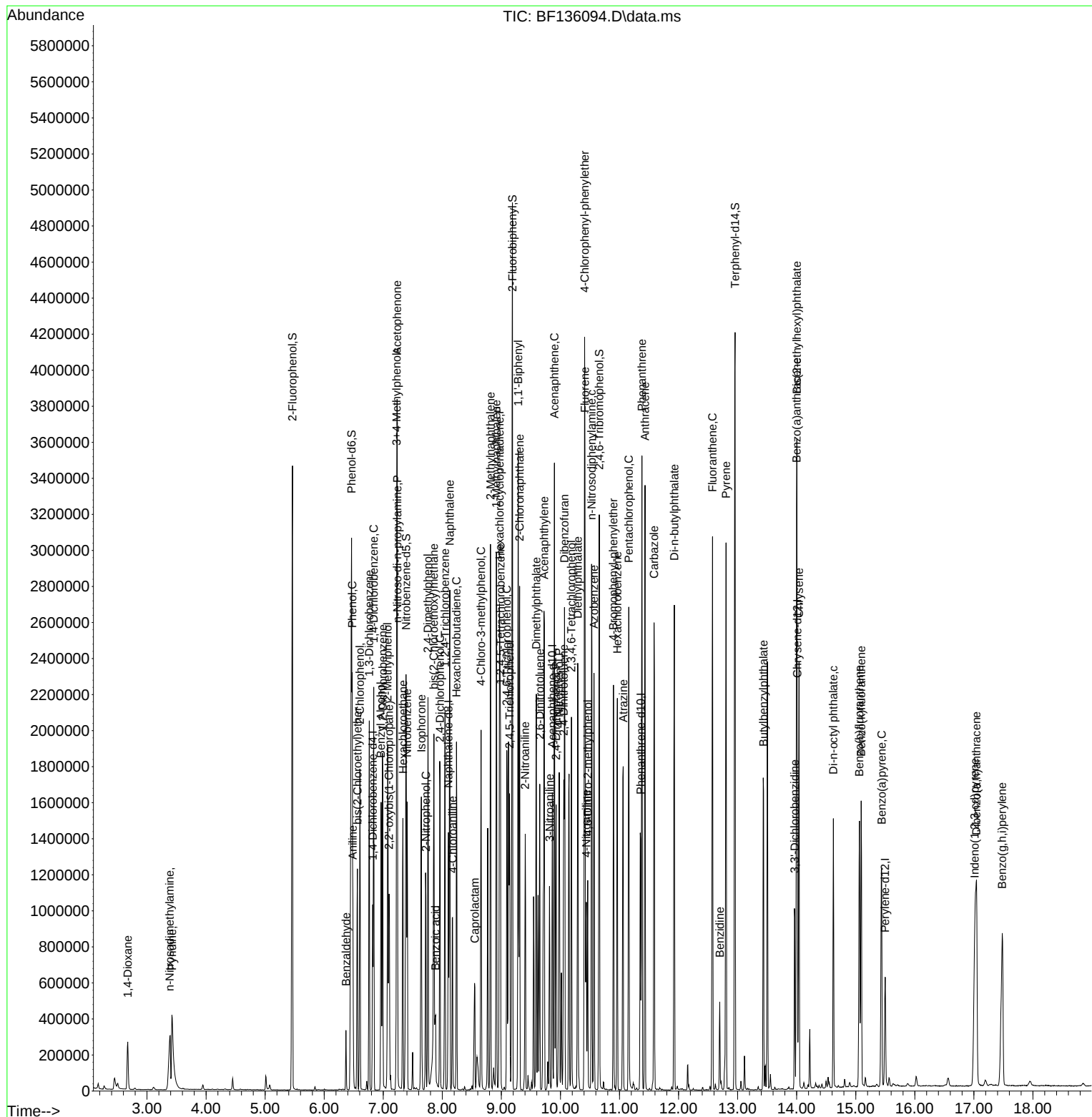
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	280397	41.278	ng	99
46) 1,1'-Biphenyl	9.286	154	984471	40.951	ng	99
47) 2-Chloronaphthalene	9.310	162	755496	42.629	ng	100
48) 2-Nitroaniline	9.404	65	234490	44.708	ng	99
49) Acenaphthylene	9.727	152	1176979	42.571	ng	99
50) Dimethylphthalate	9.592	163	885189	42.554	ng	99
51) 2,6-Dinitrotoluene	9.651	165	200312	45.024	ng	99
52) Acenaphthene	9.898	154	723542	41.167	ng	98
53) 3-Nitroaniline	9.816	138	171131	32.966	ng	91
54) 2,4-Dinitrophenol	9.927	184	213668	87.754	ng	99
55) Dibenzofuran	10.069	168	1070590	41.774	ng	98
56) 4-Nitrophenol	9.980	139	349034	89.885	ng	85
57) 2,4-Dinitrotoluene	10.057	165	267461	47.514	ng	96
58) Fluorene	10.416	166	808286	42.124	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	240589	44.549	ng	99
60) Diethylphthalate	10.292	149	847823	42.657	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	391437	40.867	ng	99
62) 4-Nitroaniline	10.439	138	205992	41.209	ng	95
63) Azobenzene	10.569	77	795350	41.552	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	139924	44.686	ng	84
66) n-Nitrosodiphenylamine	10.527	169	742723	42.765	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	262633	43.510	ng	94
68) Hexachlorobenzene	10.963	284	298223	46.260	ng	98
69) Atrazine	11.063	200	239456	50.674	ng	99
70) Pentachlorophenol	11.157	266	301210	72.752	ng	98
71) Phenanthrene	11.380	178	1244390	42.927	ng	99
72) Anthracene	11.433	178	1254542	42.234	ng	99
73) Carbazole	11.586	167	1104489	42.789	ng	99
74) Di-n-butylphthalate	11.927	149	1258223	42.659	ng	99
75) Fluoranthene	12.574	202	1222778	41.060	ng	99
77) Benzidine	12.698	184	185834	33.277	ng	97
78) Pyrene	12.804	202	1235875	48.924	ng	99
80) Butylbenzylphthalate	13.439	149	413545	45.735	ng	92
81) Benzo(a)anthracene	13.998	228	825799	43.535	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	221540	36.593	ng	98
83) Chrysene	14.039	228	789038	42.238	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	442329	41.988	ng	100
85) Di-n-octyl phthalate	14.621	149	676514	42.867	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	931829	51.034	ng	100
88) Benzo(b)fluoranthene	15.062	252	727704	44.019	ng	99
89) Benzo(k)fluoranthene	15.092	252	716036	43.776	ng	99
90) Benzo(a)pyrene	15.439	252	658362	42.862	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	753528	50.381	ng	98
92) Benzo(g,h,i)perylene	17.480	276	779595	45.916	ng	99

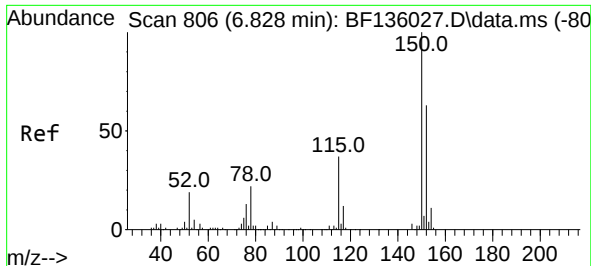
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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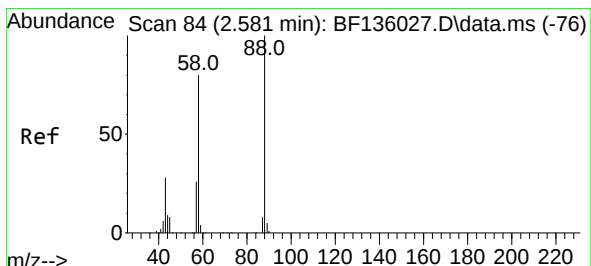
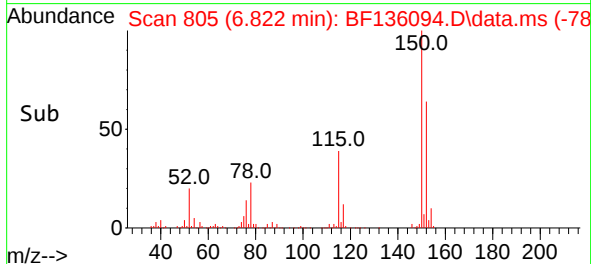
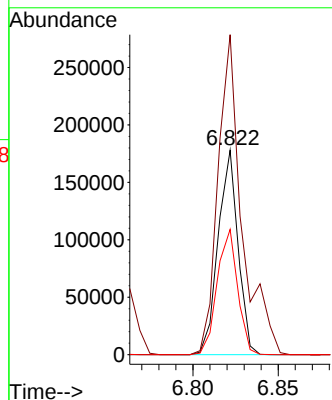
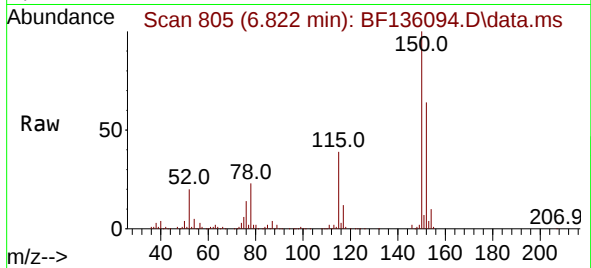




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136094.D
 Acq: 02 Nov 2023 14:23

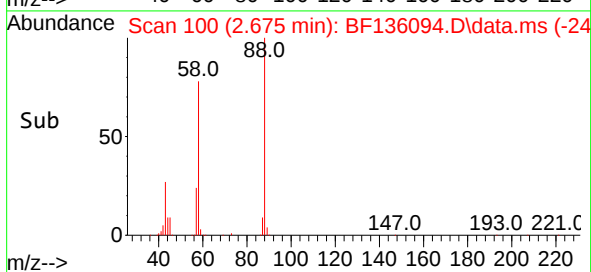
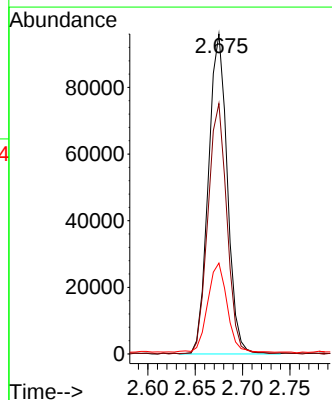
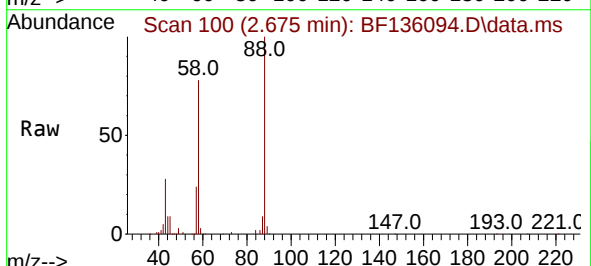
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 ClientSampleId :
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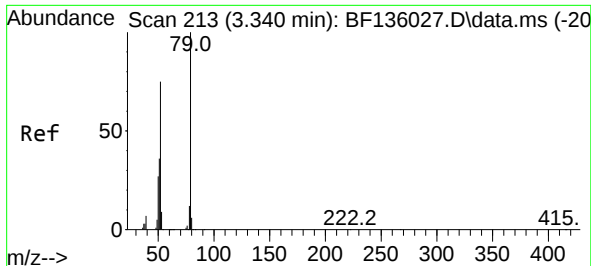
Tgt Ion:152 Resp: 144755
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.4 189.6
 115 61.3 47.0 70.4



#2
 1,4-Dioxane
 Concen: 33.273 ng
 RT: 2.675 min Scan# 100
 Delta R.T. 0.094 min
 Lab File: BF136094.D
 Acq: 02 Nov 2023 14:23

Tgt Ion: 88 Resp: 133467
 Ion Ratio Lower Upper
 88 100
 58 78.6 64.3 96.5
 43 29.5 22.3 33.5

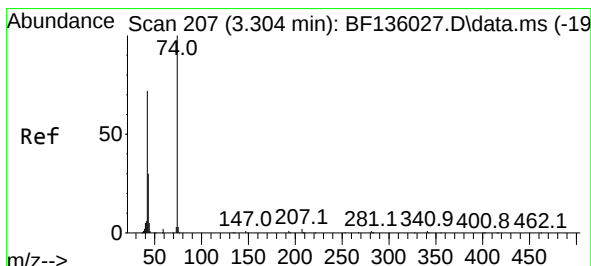
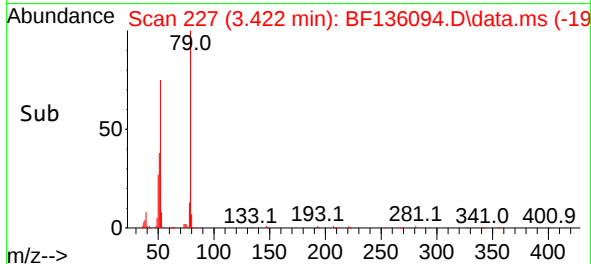
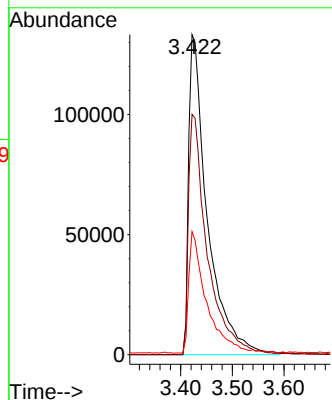
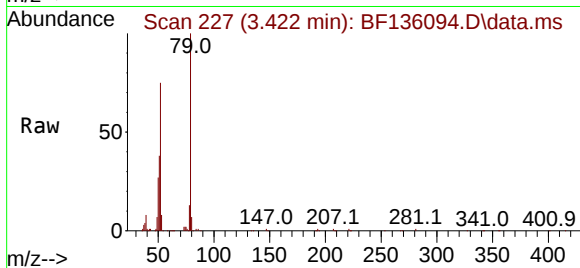




#3
Pyridine
Concen: 30.630 ng
RT: 3.422 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

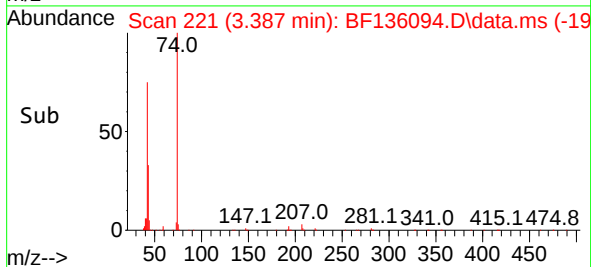
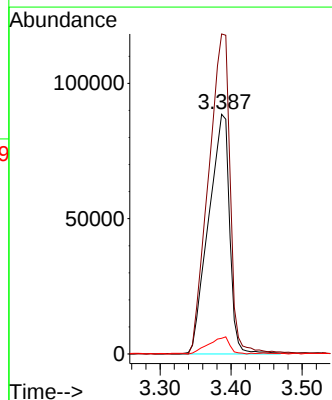
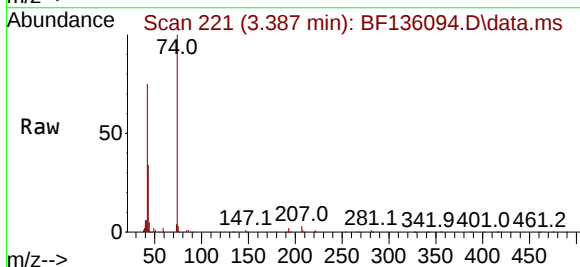
Instrument :
BNA_F
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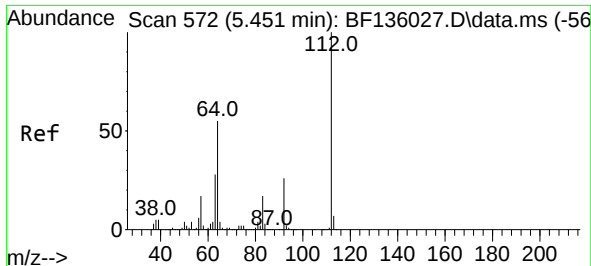
Tgt Ion: 79 Resp: 335356
Ion Ratio Lower Upper
79 100
52 75.1 60.3 90.5
51 38.4 29.3 43.9



#4
n-Nitrosodimethylamine
Concen: 39.881 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.082 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion: 42 Resp: 182564
Ion Ratio Lower Upper
42 100
74 133.5 111.8 167.6
44 6.6 6.2 9.4

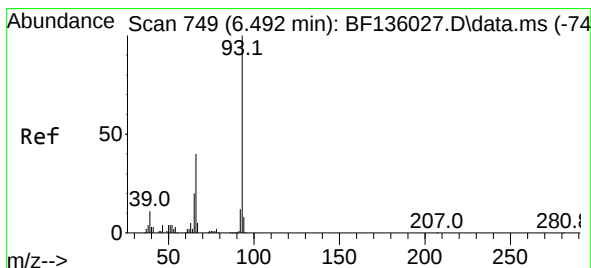
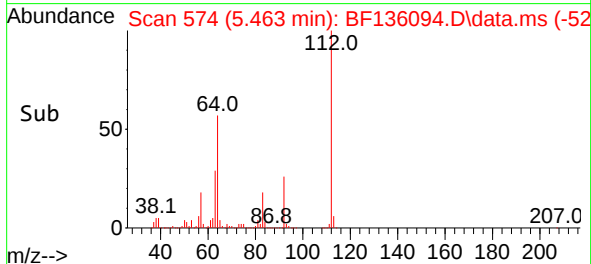
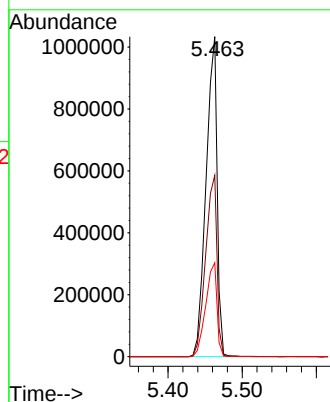
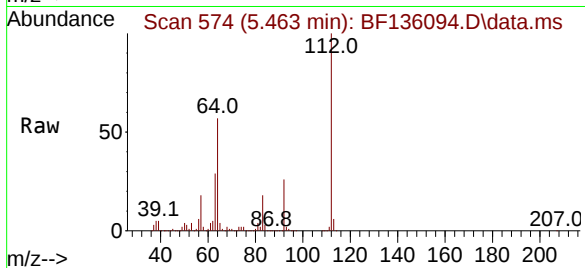




#5
2-Fluorophenol
Concen: 117.145 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

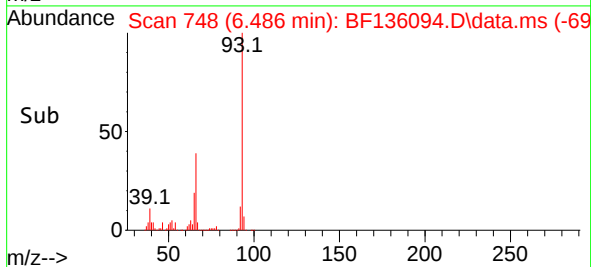
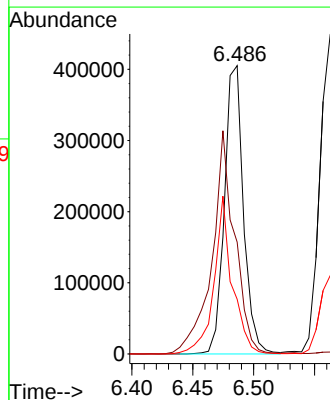
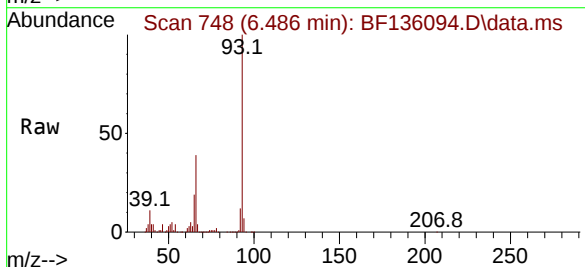
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ClientSampleId :
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Tgt Ion:112 Resp: 1079120
Ion Ratio Lower Upper
112 100
64 56.6 43.9 65.9
63 29.4 22.4 33.6



#6
Aniline
Concen: 29.737 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion: 93 Resp: 441873
Ion Ratio Lower Upper
93 100
66 38.8 32.4 48.6
65 19.0 16.2 24.2

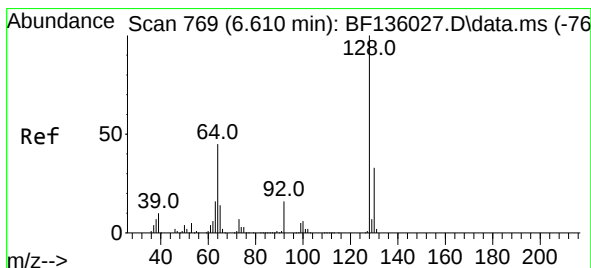
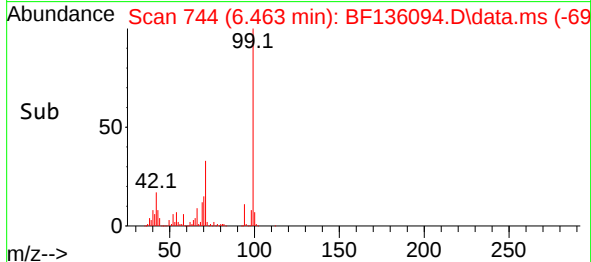
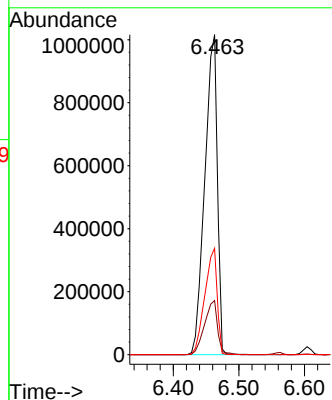
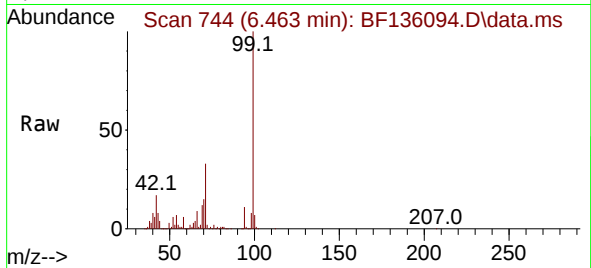




#7
Phenol-d6
Concen: 117.916 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

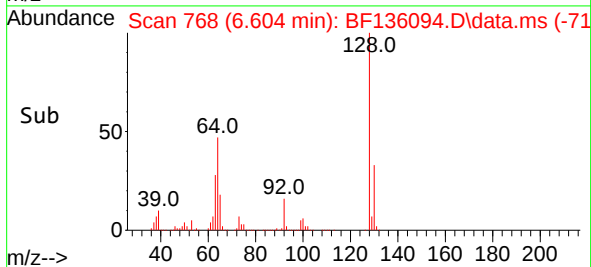
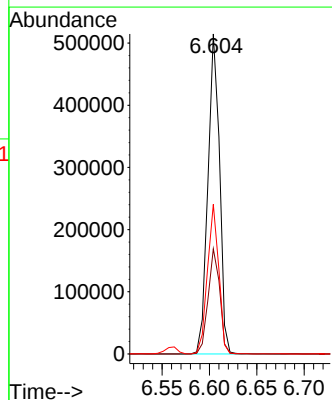
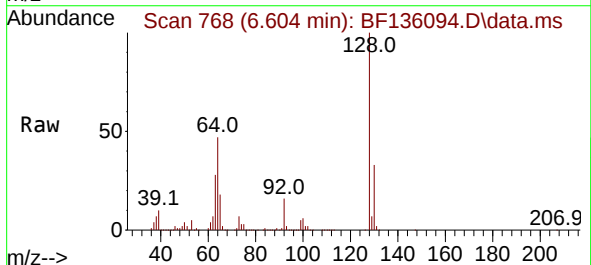
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Tgt Ion: 99 Resp: 1353362
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 33.3 25.9 38.9



#8
2-Chlorophenol
Concen: 44.556 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:128 Resp: 438812
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 46.7 25.8 65.8





#9

Benzaldehyde

Concen: 8.306 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

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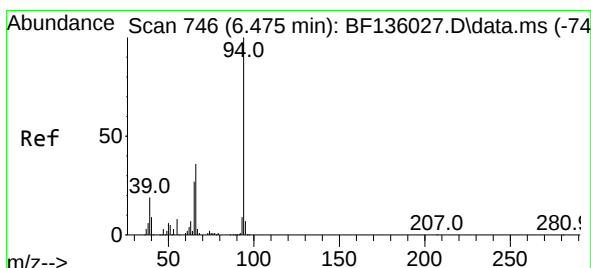
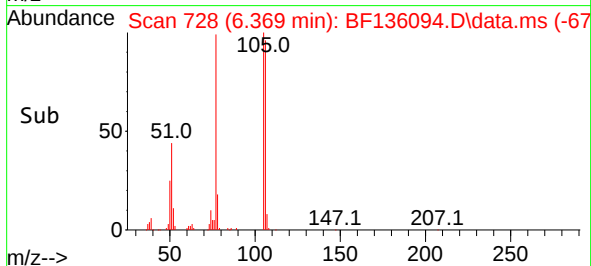
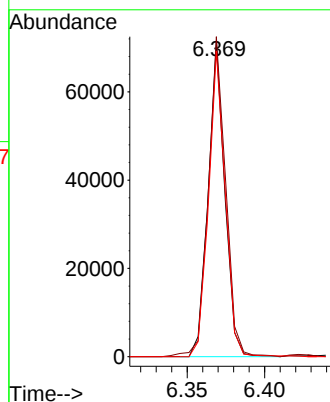
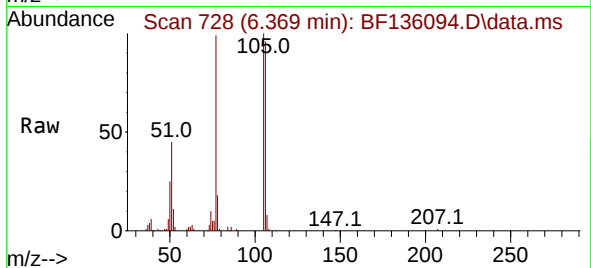
Tgt Ion: 77 Resp: 53156

Ion Ratio Lower Upper

77 100

105 101.4 85.7 125.7

106 96.9 79.8 119.8



#10

Phenol

Concen: 43.374 ng

RT: 6.475 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

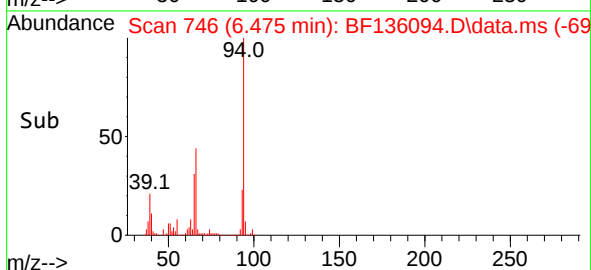
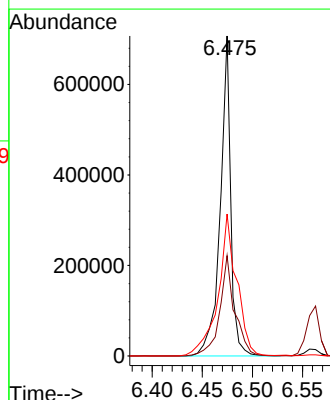
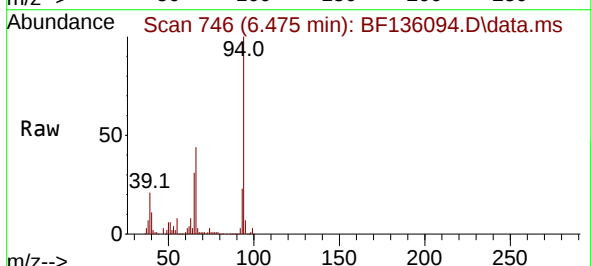
Tgt Ion: 94 Resp: 514895

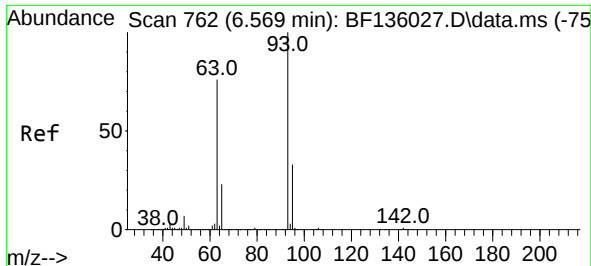
Ion Ratio Lower Upper

94 100

65 31.4 7.5 47.5

66 44.4 17.1 57.1

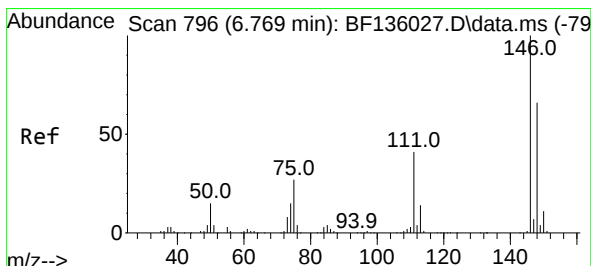
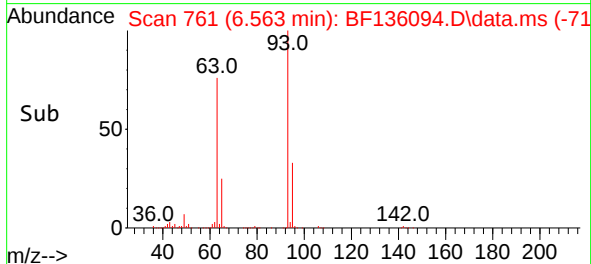
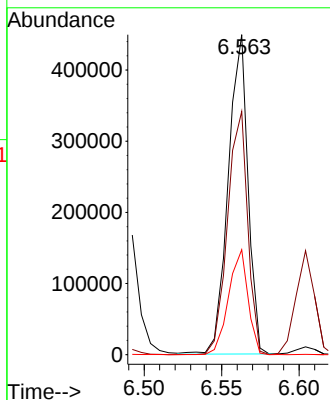
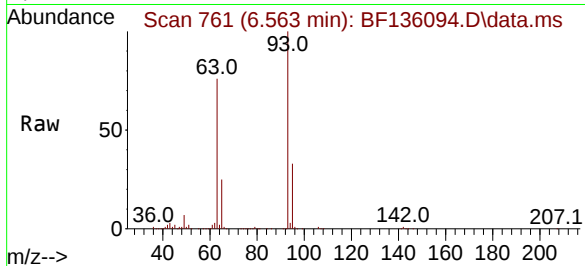




#11
bis(2-Chloroethyl)ether
Concen: 42.809 ng
RT: 6.563 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

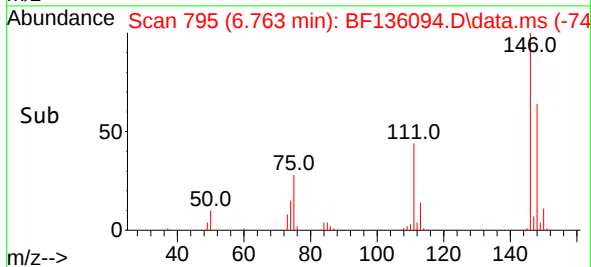
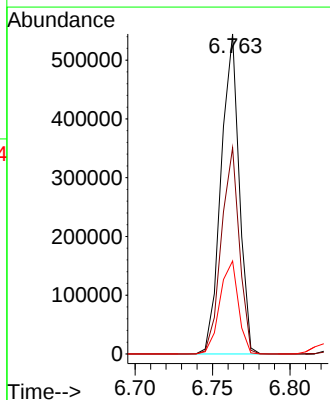
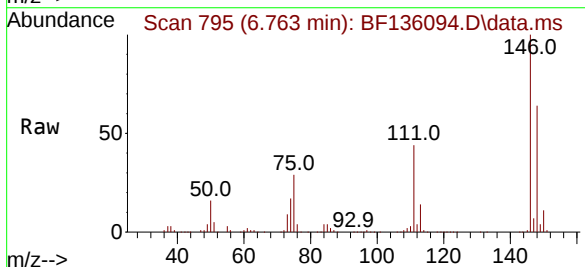
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

Tgt Ion: 93 Resp: 397842
Ion Ratio Lower Upper
93 100
63 76.0 55.8 95.8
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.172 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:146 Resp: 442523
Ion Ratio Lower Upper
146 100
148 64.4 52.6 78.8
75 29.1 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 43.288 ng

RT: 6.839 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

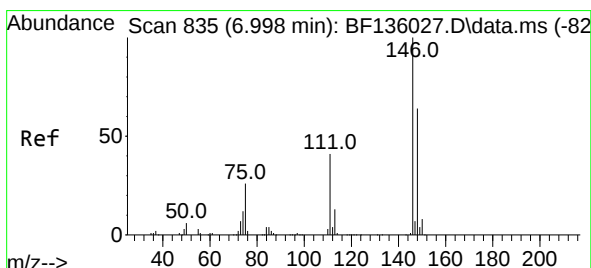
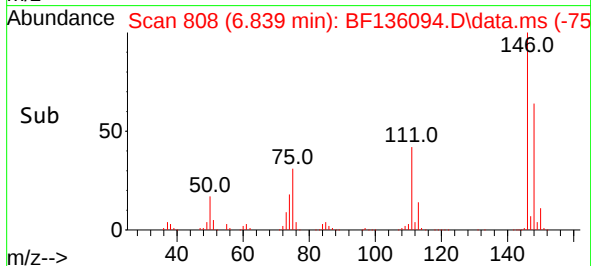
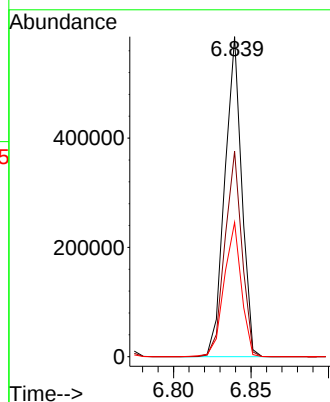
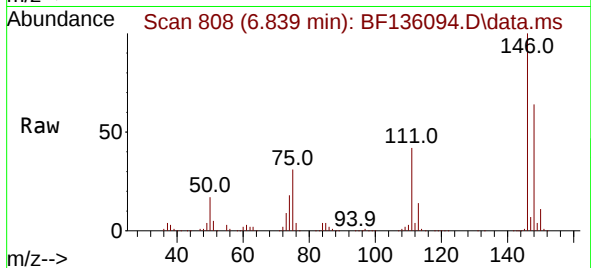
Tgt Ion:146 Resp: 444671

Ion Ratio Lower Upper

146 100

148 64.2 52.1 78.1

111 42.0 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 44.275 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

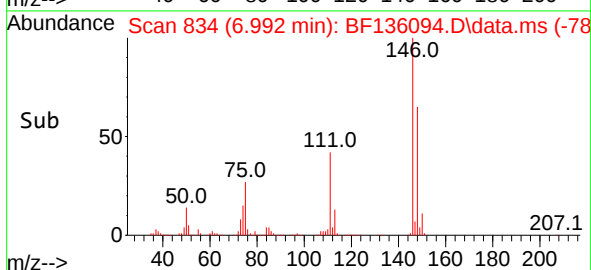
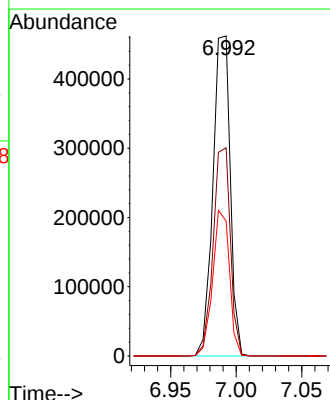
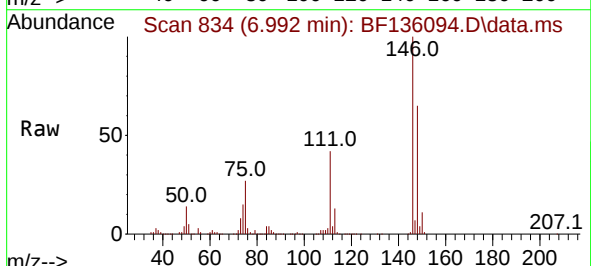
Tgt Ion:146 Resp: 425273

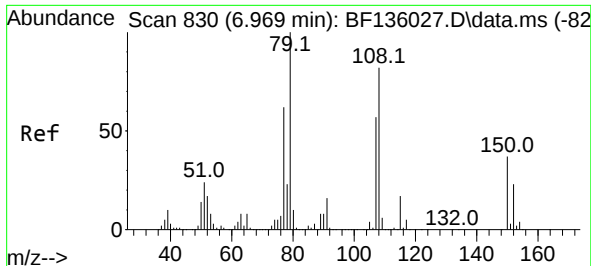
Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.2

111 42.2 33.0 49.4

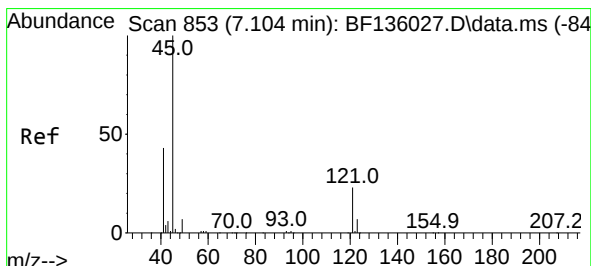
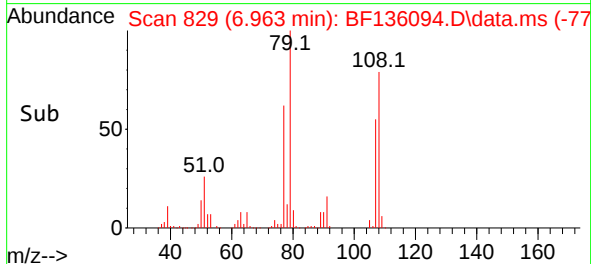
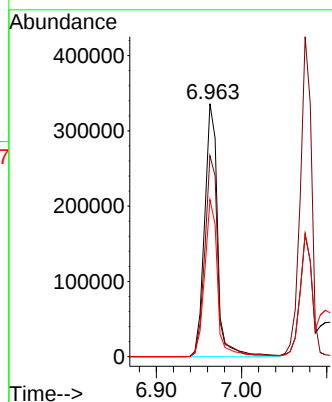
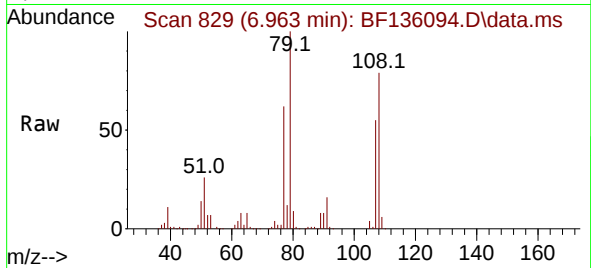




#15
Benzyl Alcohol
Concen: 43.697 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

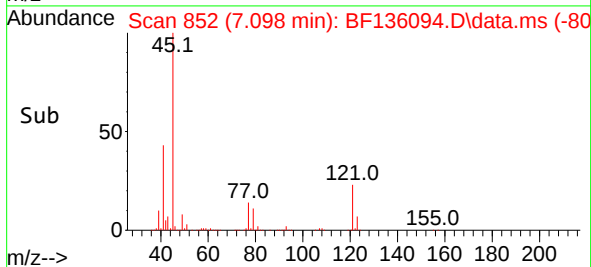
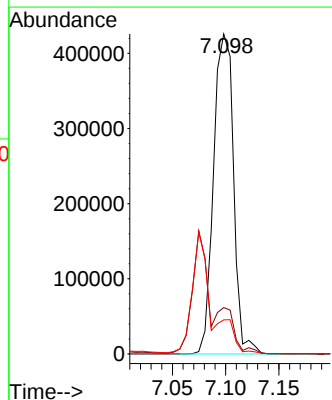
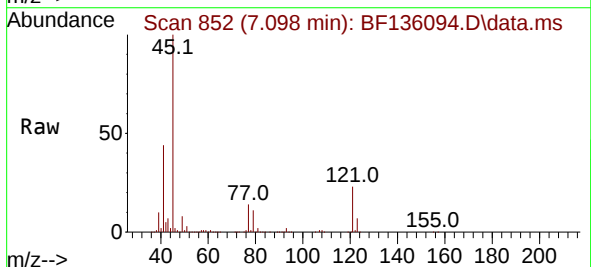
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

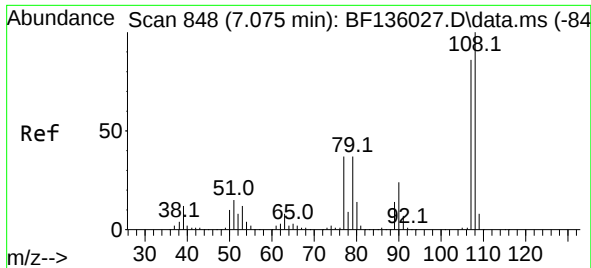
Tgt Ion: 79 Resp: 355611
Ion Ratio Lower Upper
79 100
108 79.4 65.9 98.9
77 62.1 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.181 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion: 45 Resp: 552367
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 10.6 0.0 30.6

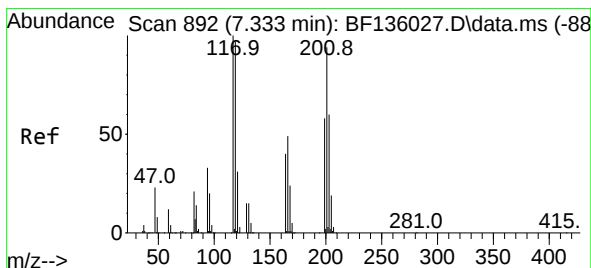
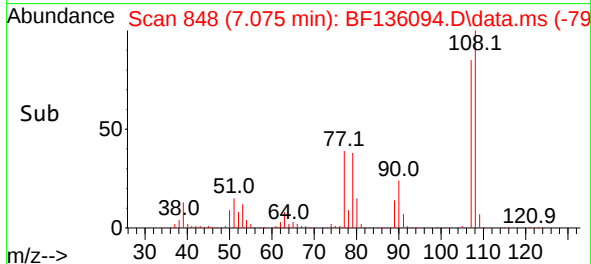
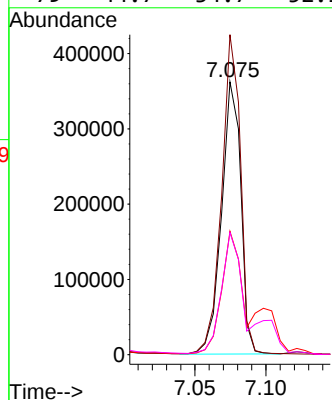
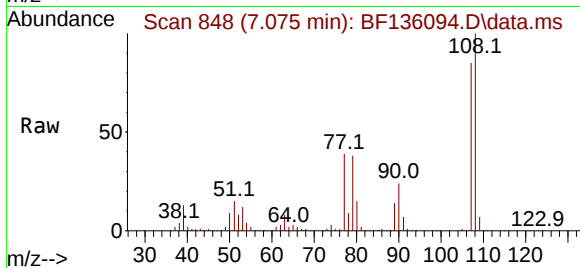




#17
2-Methylphenol
Concen: 40.730 ng
RT: 7.075 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

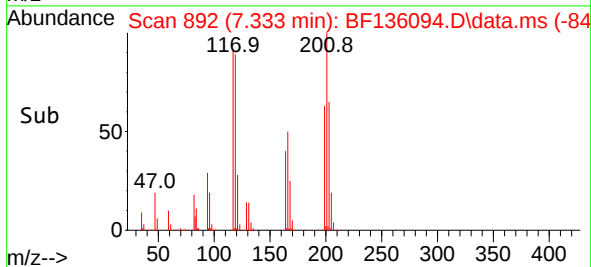
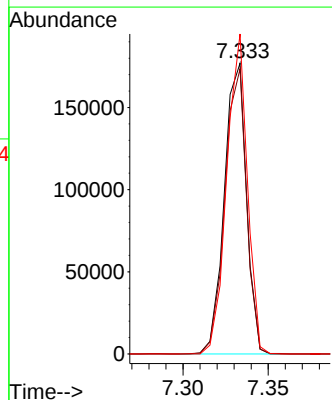
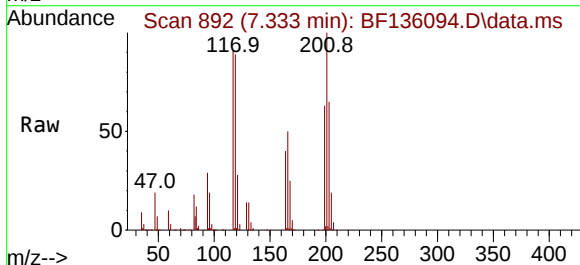
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

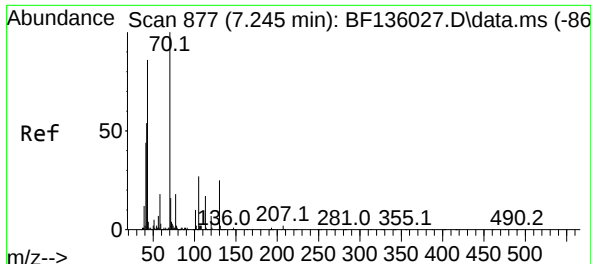
Tgt Ion:	107	Resp:	340290
Ion	Ratio	Lower	Upper
107	100		
108	117.3	93.4	140.2
77	45.2	34.4	51.6
79	44.7	34.7	52.1



#18
Hexachloroethane
Concen: 44.302 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:	117	Resp:	159951
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.7	116.5
201	110.1	75.0	112.6



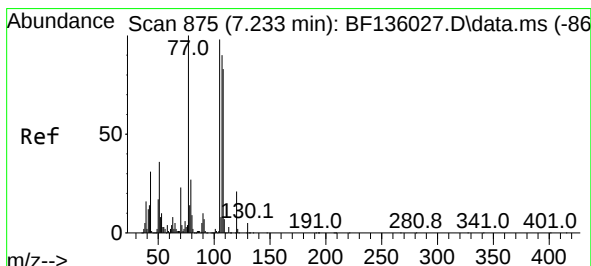
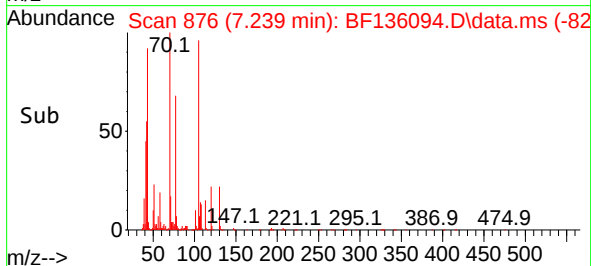
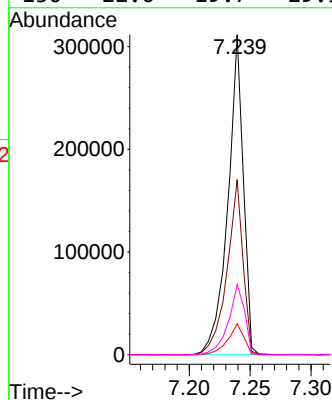
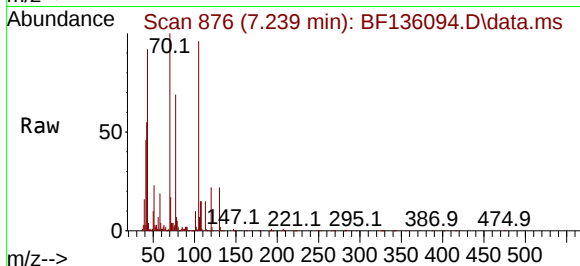


#19
n-Nitroso-di-n-propylamine
Concen: 42.019 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Instrument :
BNA_F
ClientSampleId :
PB156666BSD

Tgt Ion: 70 Resp: 275557

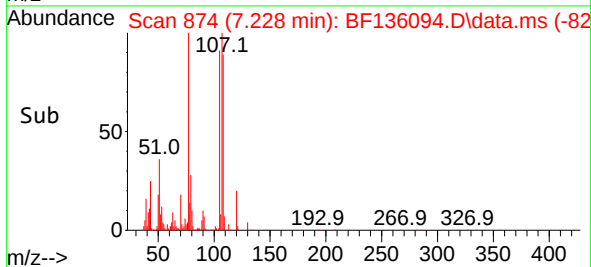
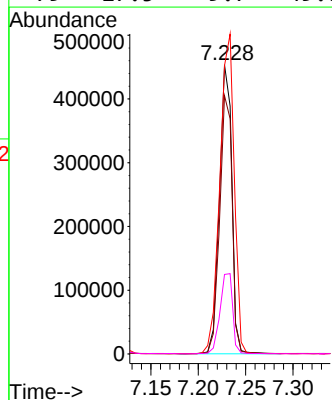
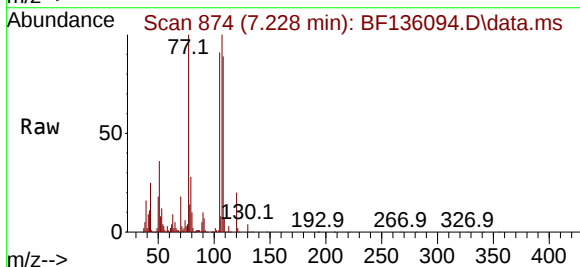
Ion	Ratio	Lower	Upper
70	100		
42	54.7	43.0	64.4
101	9.6	8.0	12.0
130	22.0	19.7	29.5

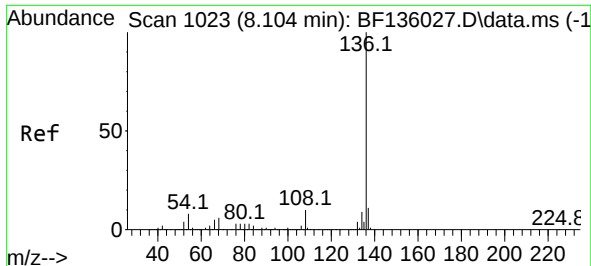


#20
3+4-Methylphenols
Concen: 40.409 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion: 107 Resp: 411676

Ion	Ratio	Lower	Upper
107	100		
108	89.3	72.3	112.3
77	99.7	91.4	131.4
79	27.5	9.7	49.7

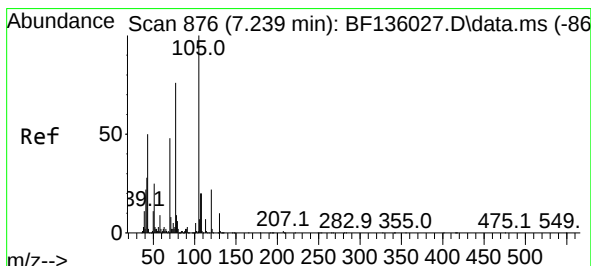
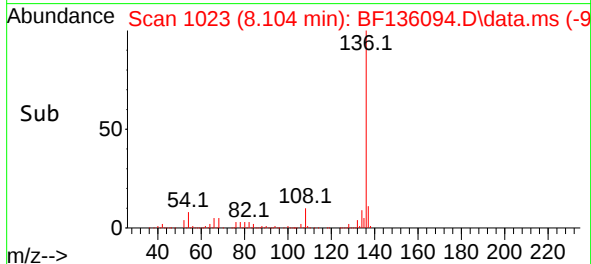
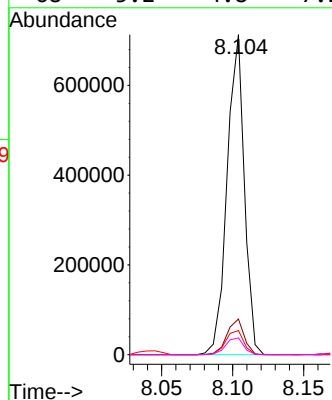
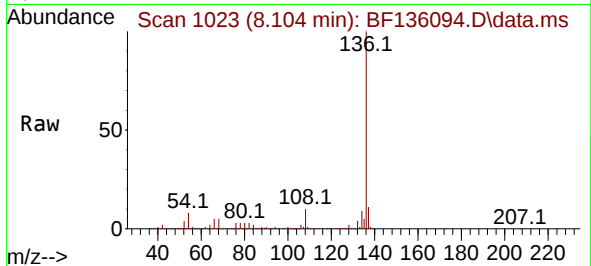




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

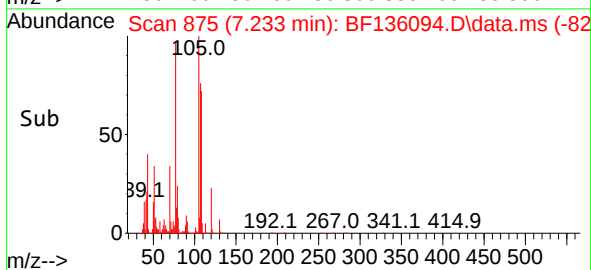
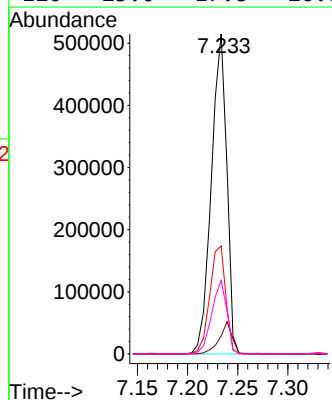
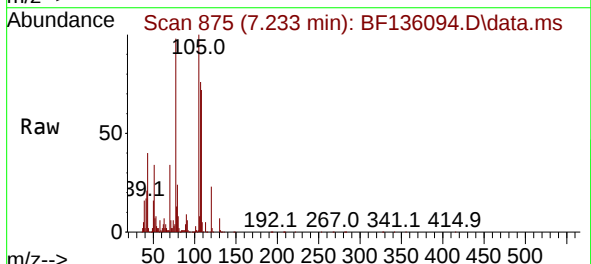
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

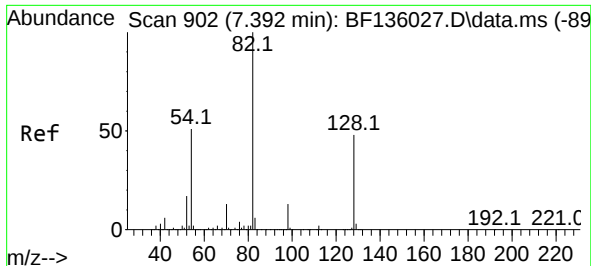
Tgt Ion:	136	Resp:	601386
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.5	6.6	9.8
68	5.2	4.8	7.2



#22
Acetophenone
Concen: 41.223 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:	105	Resp:	549725
Ion	Ratio	Lower	Upper
105	100		
71	5.7	6.5	9.7#
51	33.8	20.3	30.5#
120	23.0	17.8	26.8





#23

Nitrobenzene-d5

Concen: 80.452 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

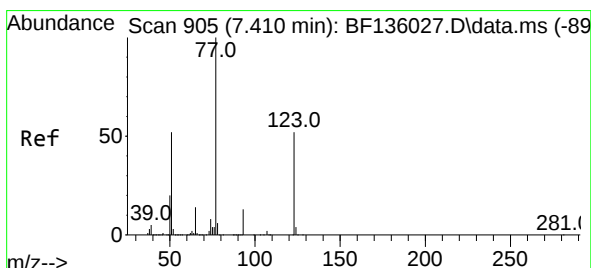
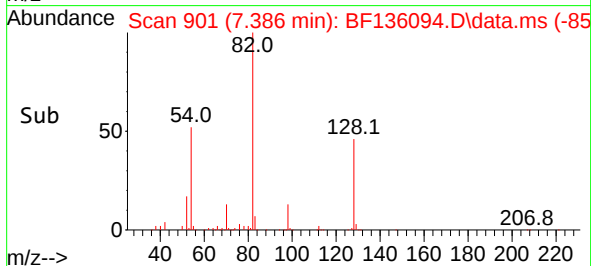
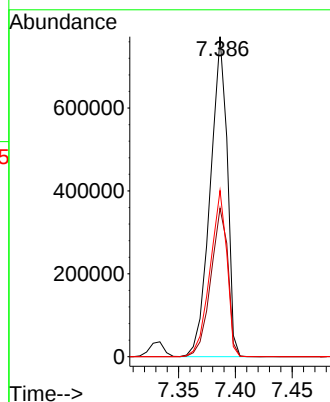
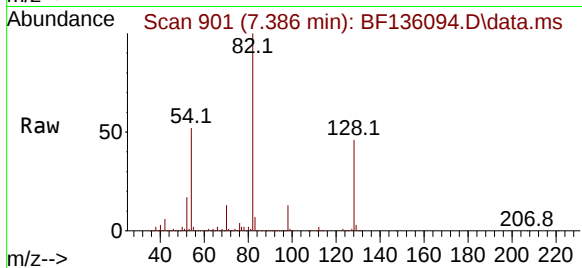
Tgt Ion: 82 Resp: 802599

Ion Ratio Lower Upper

82 100

128 46.4 38.6 57.8

54 51.9 40.8 61.2



#24

Nitrobenzene

Concen: 41.951 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

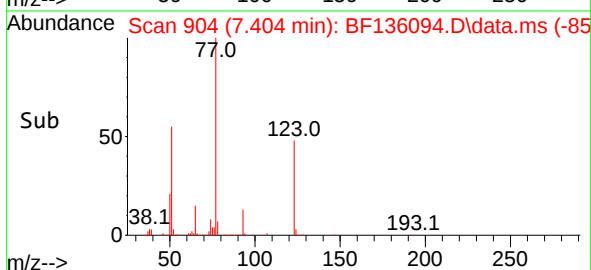
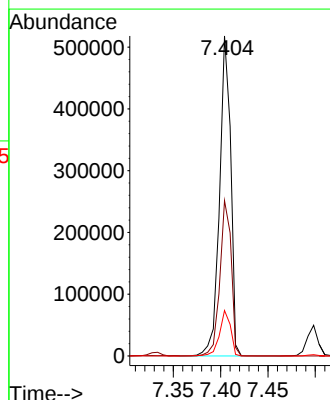
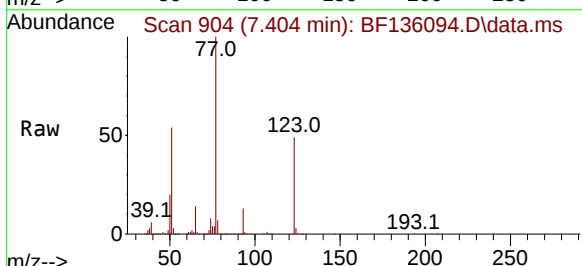
Tgt Ion: 77 Resp: 423326

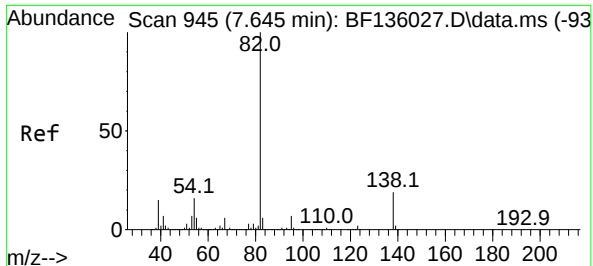
Ion Ratio Lower Upper

77 100

123 48.5 42.3 63.5

65 14.2 11.0 16.6

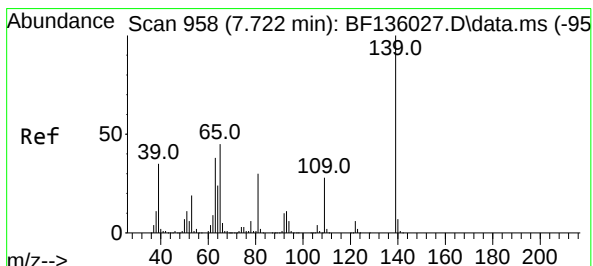
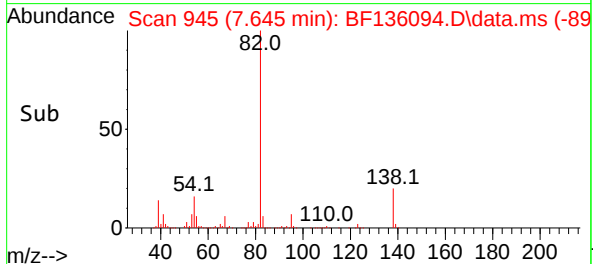
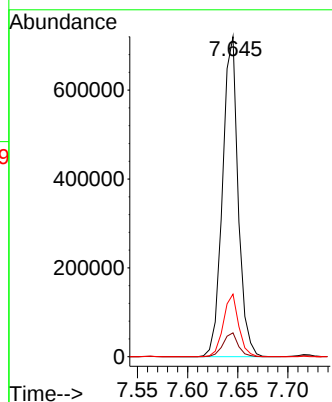
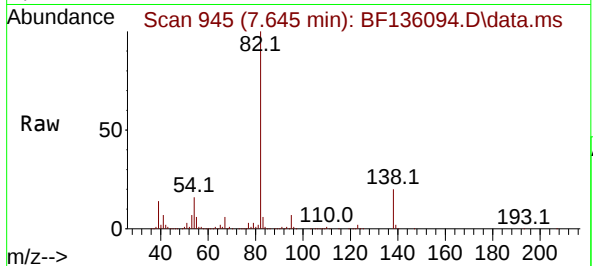




#25
Isophorone
Concen: 41.385 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

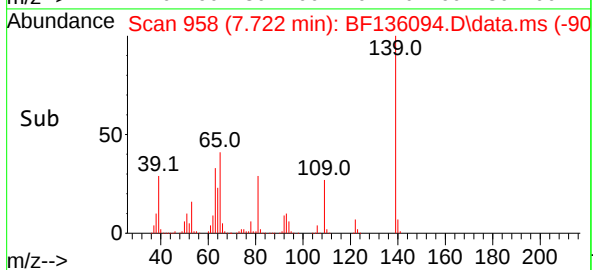
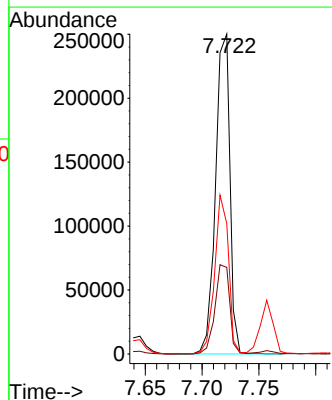
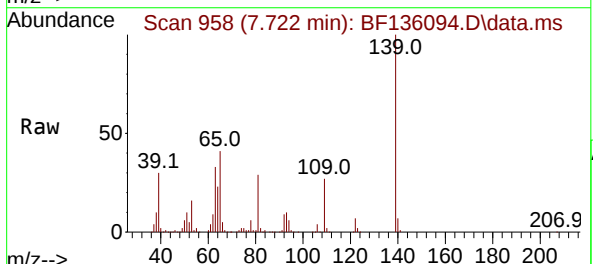
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

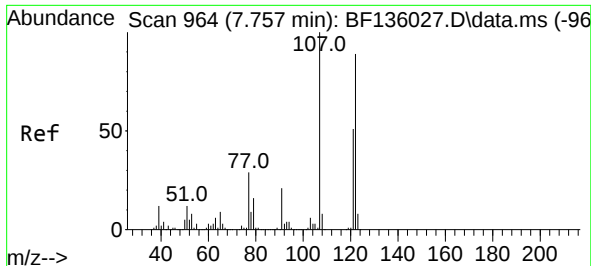
Tgt Ion: 82 Resp: 779430
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 19.5 15.3 22.9



#26
2-Nitrophenol
Concen: 47.704 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion: 139 Resp: 219632
Ion Ratio Lower Upper
139 100
109 27.1 22.6 34.0
65 40.7 36.3 54.5

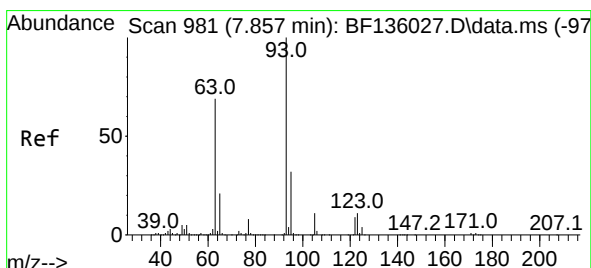
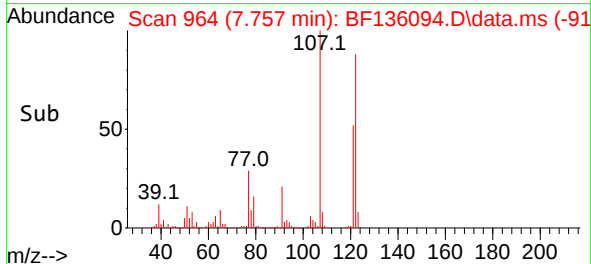
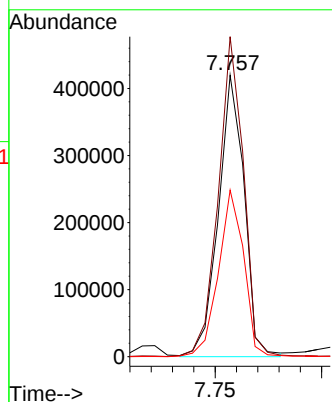
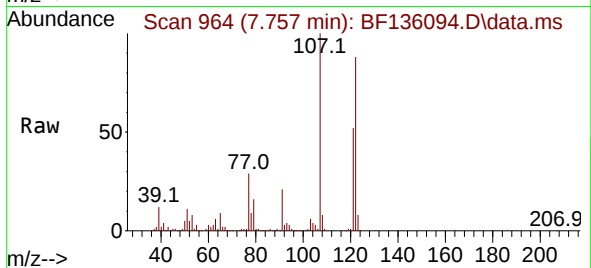




#27
2,4-Dimethylphenol
Concen: 40.496 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

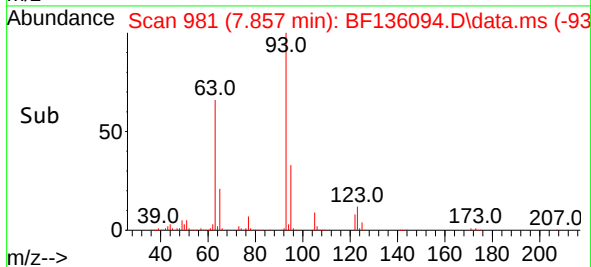
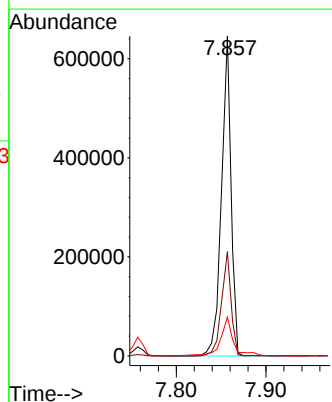
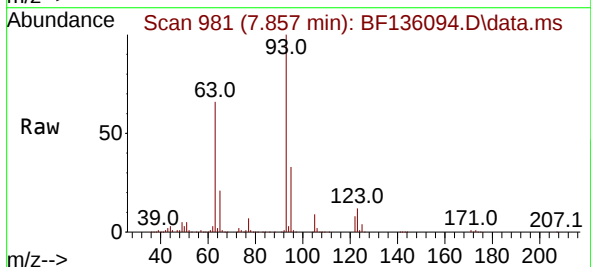
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

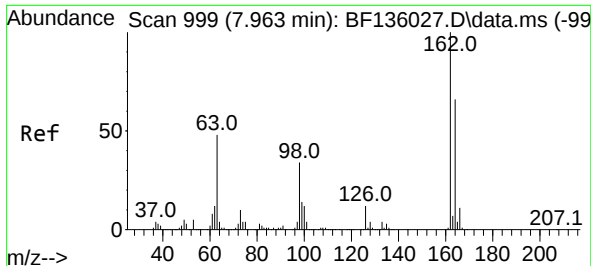
Tgt Ion:122 Resp: 352322
Ion Ratio Lower Upper
122 100
107 113.7 89.6 134.4
121 59.2 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.748 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion: 93 Resp: 481758
Ion Ratio Lower Upper
93 100
95 32.6 25.7 38.5
123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.789 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

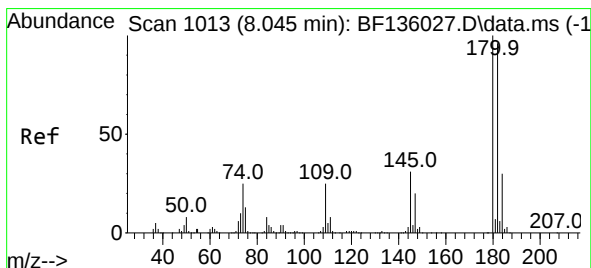
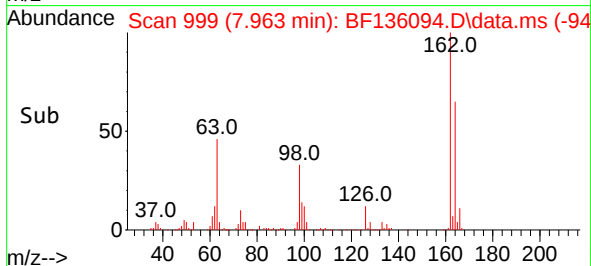
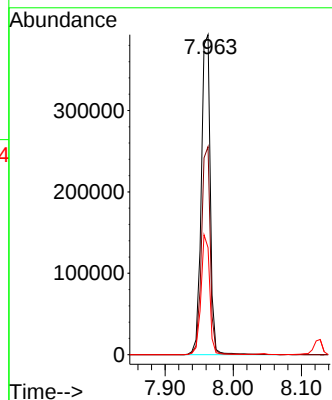
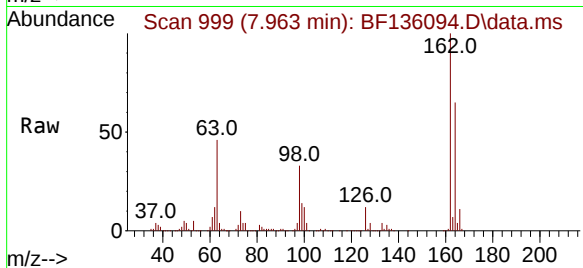
Tgt Ion:162 Resp: 359146

Ion Ratio Lower Upper

162 100

164 65.0 45.5 85.5

98 33.5 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 42.850 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

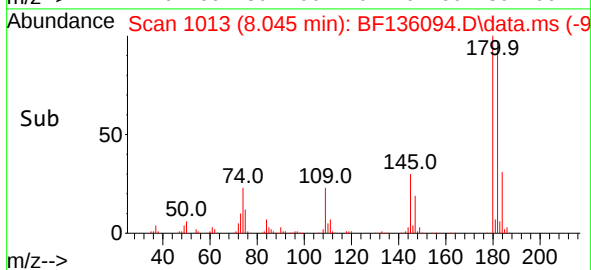
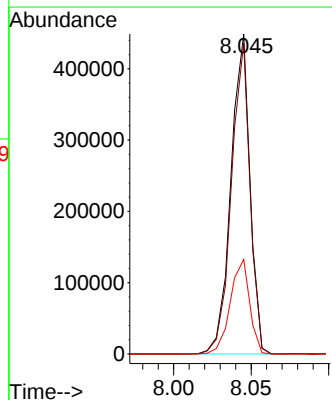
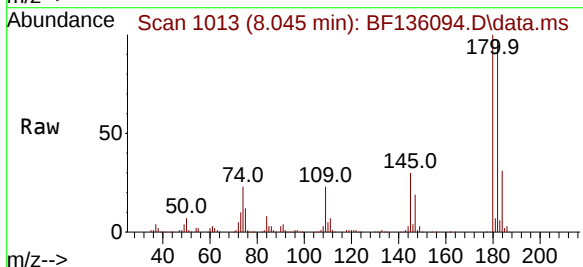
Tgt Ion:180 Resp: 383389

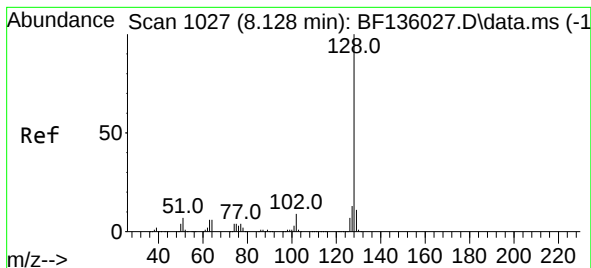
Ion Ratio Lower Upper

180 100

182 97.2 76.9 115.3

145 29.5 24.7 37.1





#31

Naphthalene

Concen: 41.608 ng

RT: 8.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

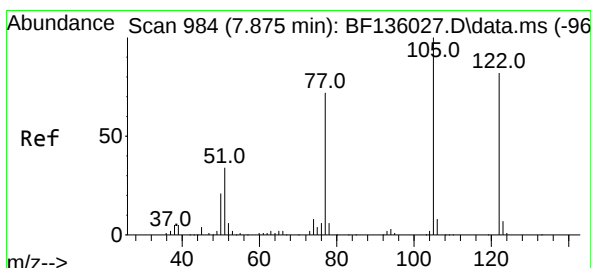
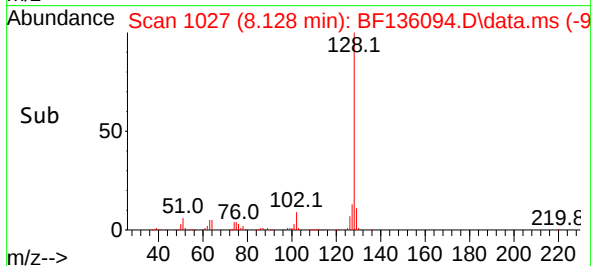
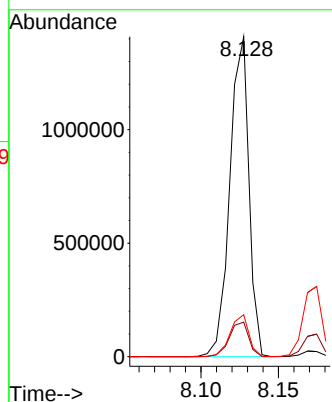
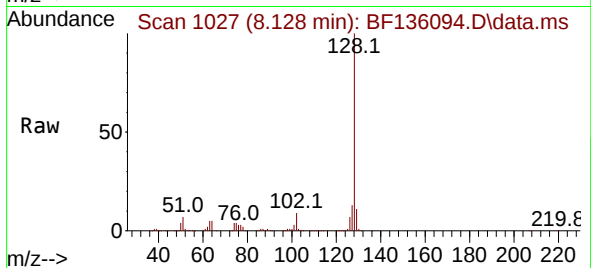
Tgt Ion:128 Resp: 1206624

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 41.365 ng

RT: 7.886 min Scan# 986

Delta R.T. 0.011 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

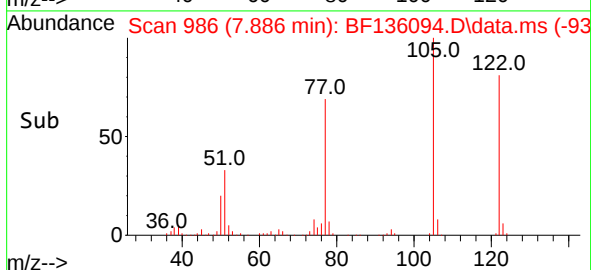
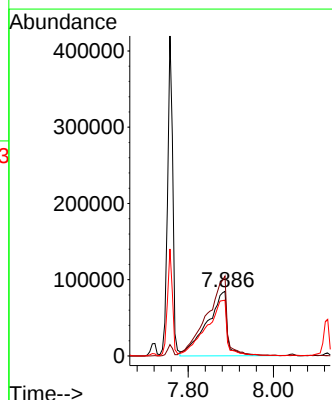
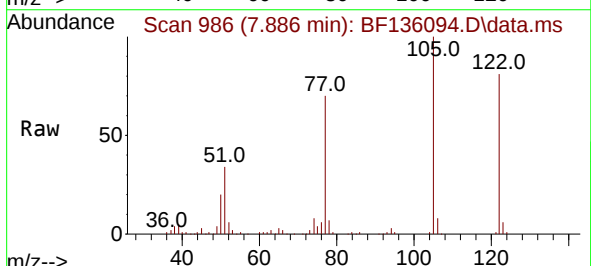
Tgt Ion:122 Resp: 282779

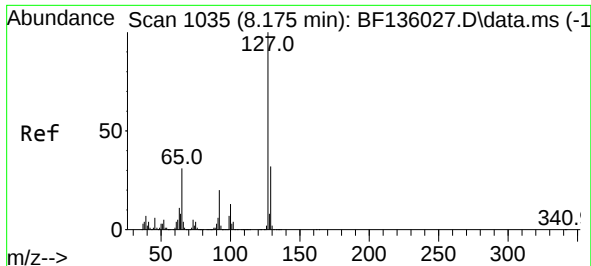
Ion Ratio Lower Upper

122 100

105 124.0 99.5 139.5

77 86.4 66.8 106.8

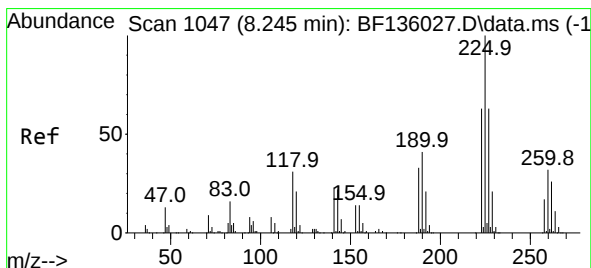
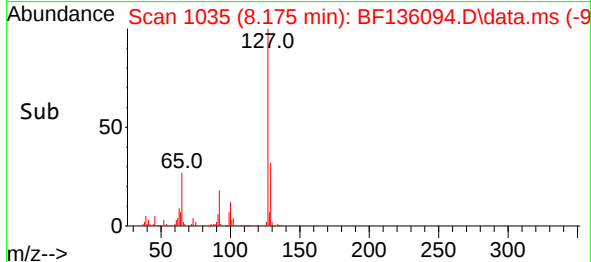
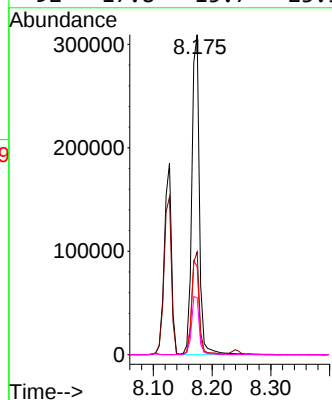
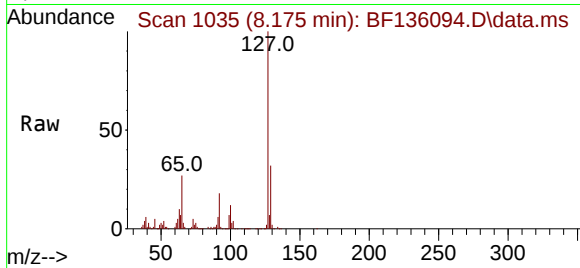




#33
4-Chloroaniline
Concen: 21.808 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

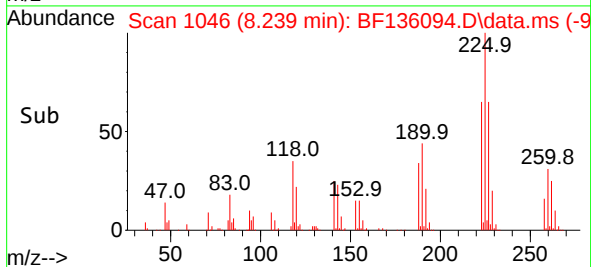
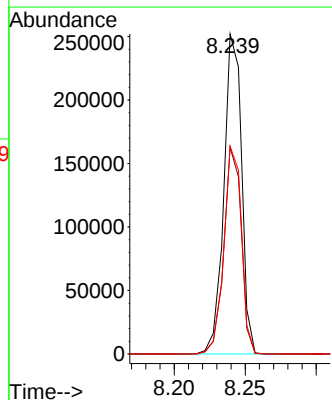
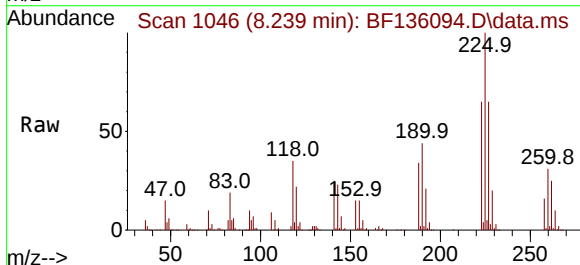
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

Tgt Ion:	127	Resp:	276957
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	27.5	24.6	37.0
92	17.8	15.7	23.5



#34
Hexachlorobutadiene
Concen: 42.491 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:	225	Resp:	218028
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.3	75.5
227	64.9	50.6	75.8

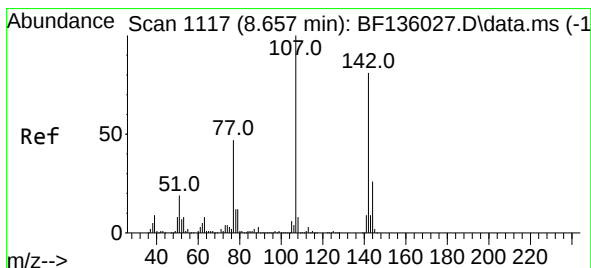
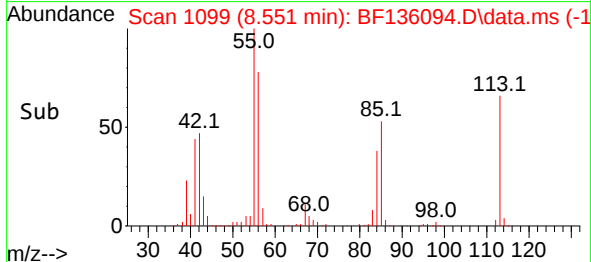
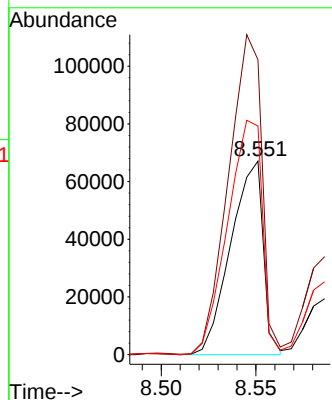
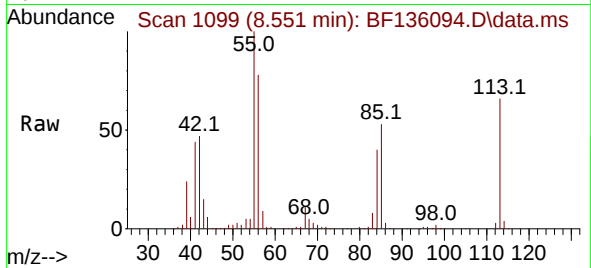




#35
 Caprolactam
 Concen: 29.865 ng
 RT: 8.551 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF136094.D
 Acq: 02 Nov 2023 14:23

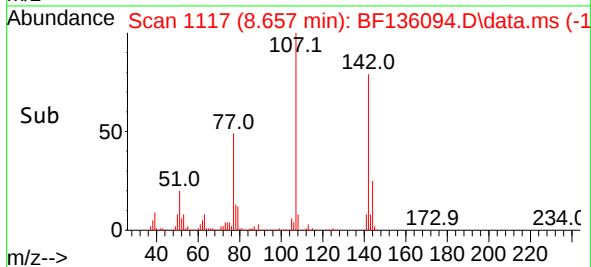
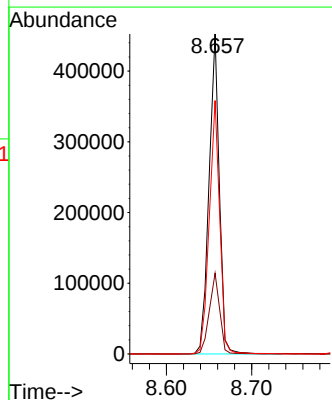
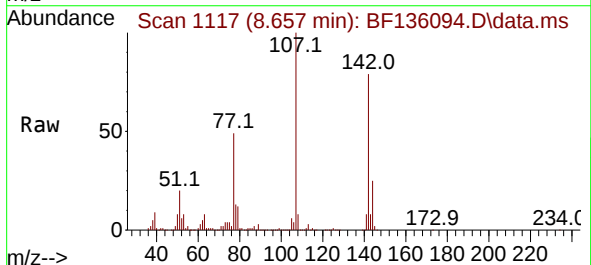
Instrument :
 BNA_F
 ClientSampleId :
 PB156666BSD

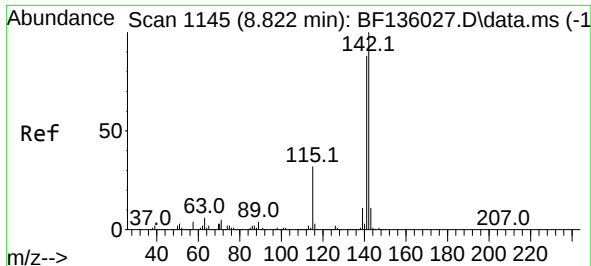
Tgt Ion:113 Resp: 79648
 Ion Ratio Lower Upper
 113 100
 55 152.3 142.2 182.2
 56 118.1 97.7 137.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.211 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BF136094.D
 Acq: 02 Nov 2023 14:23

Tgt Ion:107 Resp: 380685
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.6 31.0
 142 79.2 64.6 97.0





#37

2-Methylnaphthalene

Concen: 40.280 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

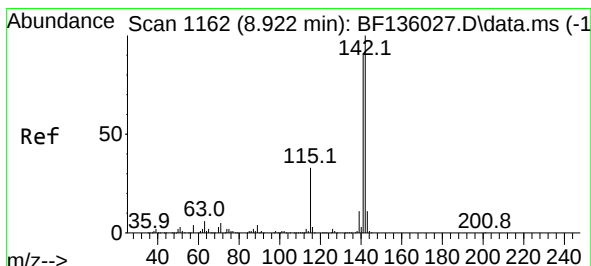
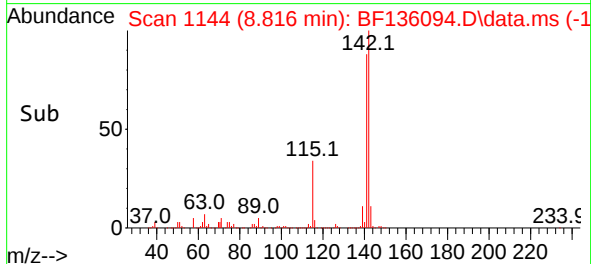
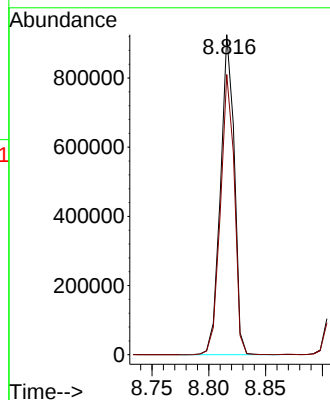
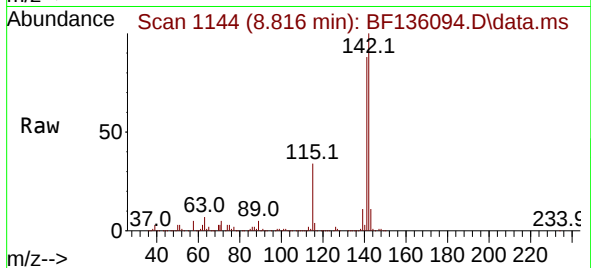
PB156666BSD

Tgt Ion:142 Resp: 783254

Ion Ratio Lower Upper

142 100

141 87.5 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.454 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF136094.D

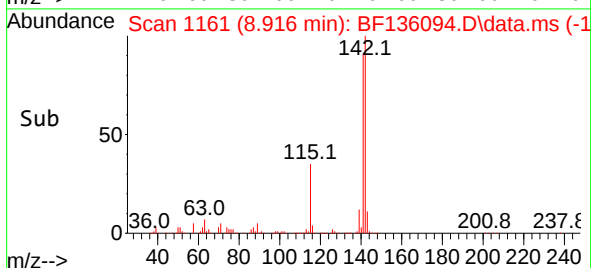
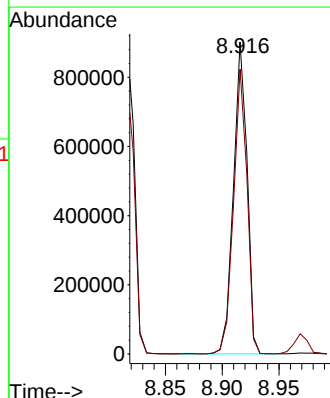
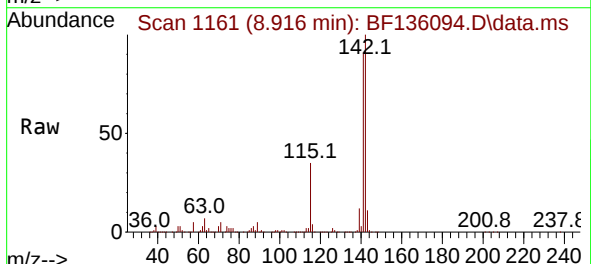
Acq: 02 Nov 2023 14:23

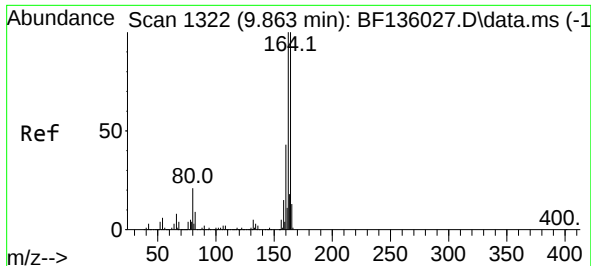
Tgt Ion:142 Resp: 750141

Ion Ratio Lower Upper

142 100

141 91.3 72.6 109.0

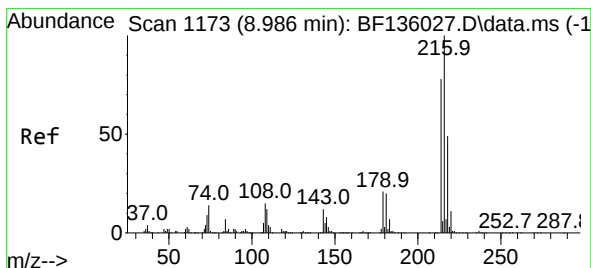
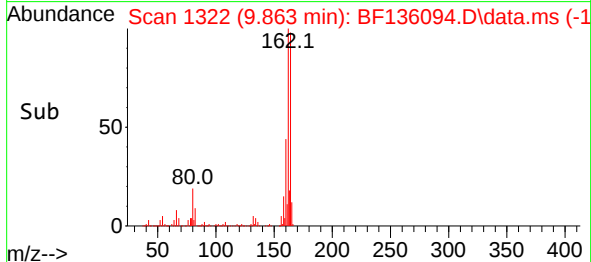
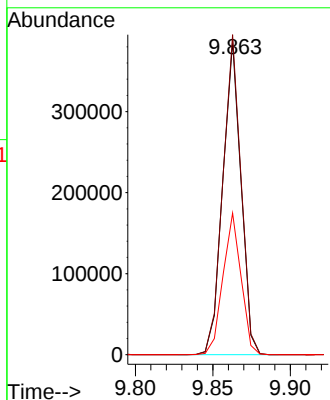
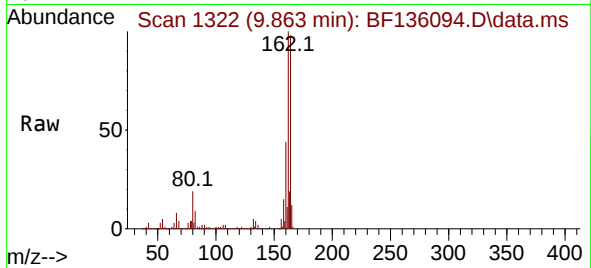




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

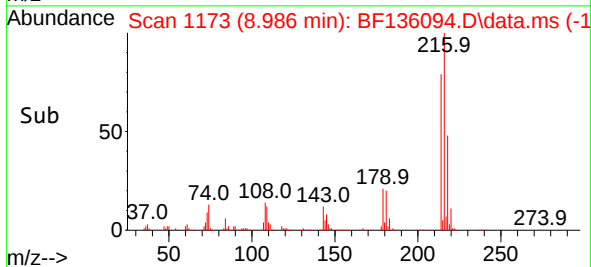
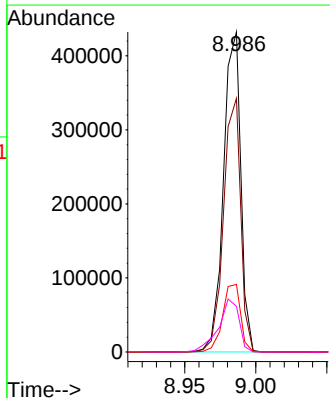
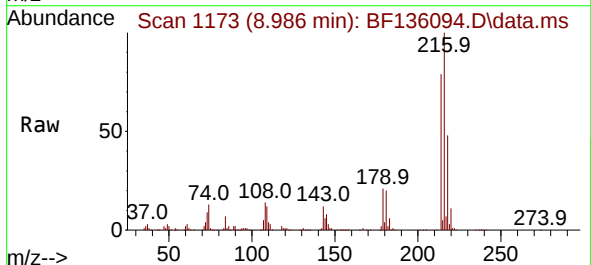
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

Tgt Ion:164 Resp: 315360
Ion Ratio Lower Upper
164 100
162 102.1 80.1 120.1
160 45.2 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.555 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:216 Resp: 364746
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 22.0 17.5 26.3
108 19.8 14.4 21.6

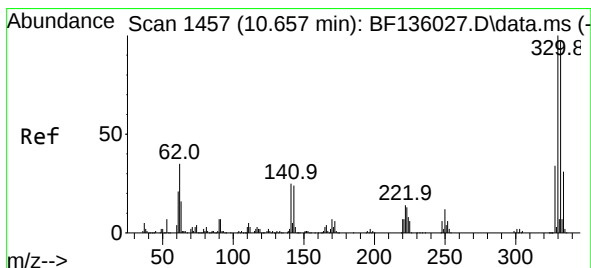
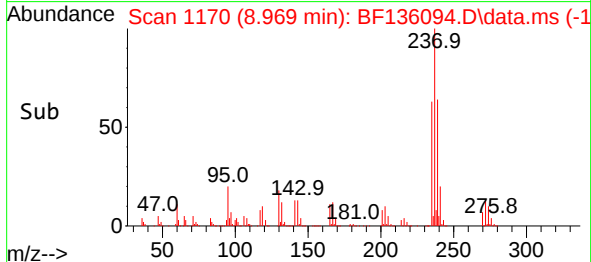
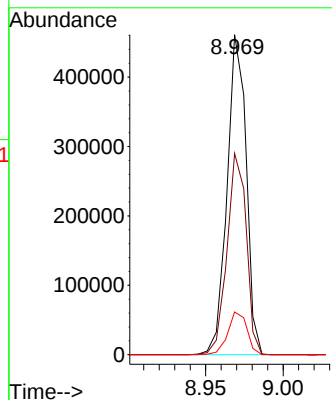
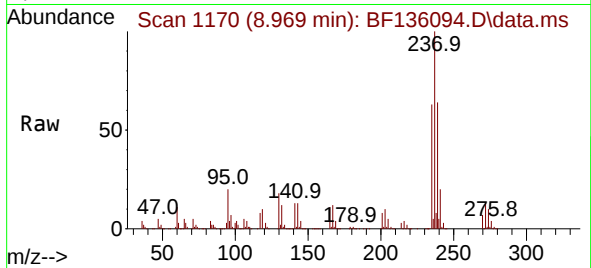




#41
Hexachlorocyclopentadiene
Concen: 82.334 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

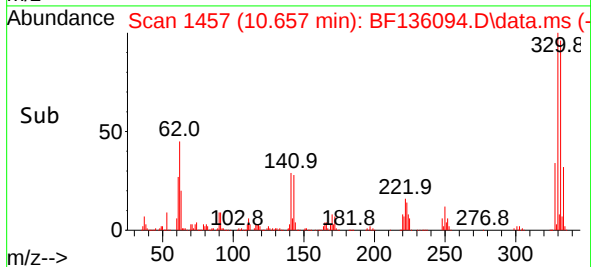
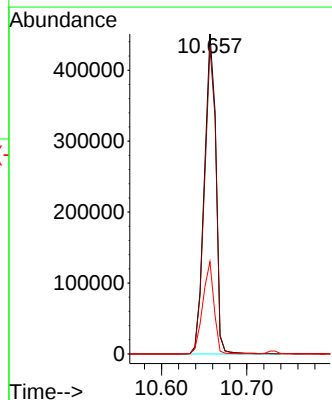
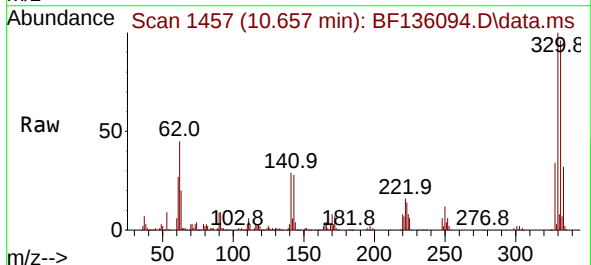
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

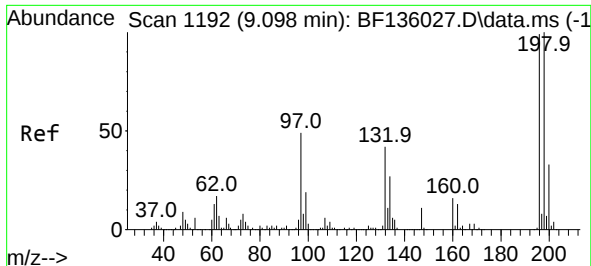
Tgt Ion:237 Resp: 395609
Ion Ratio Lower Upper
237 100
235 62.9 43.3 83.3
272 13.3 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 125.867 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:330 Resp: 423677
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 28.0 23.2 34.8

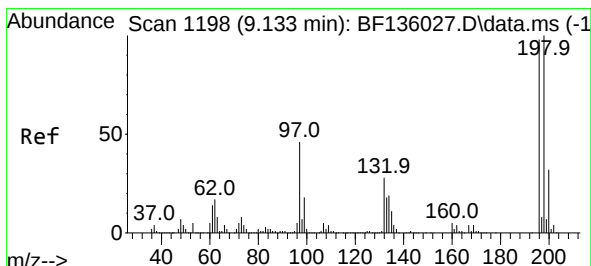
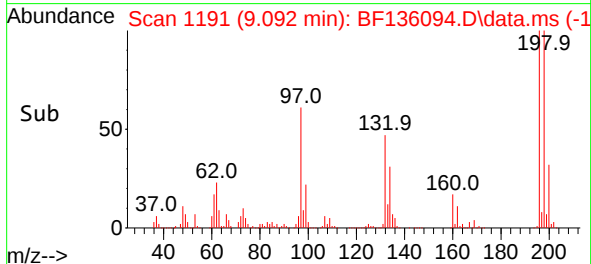
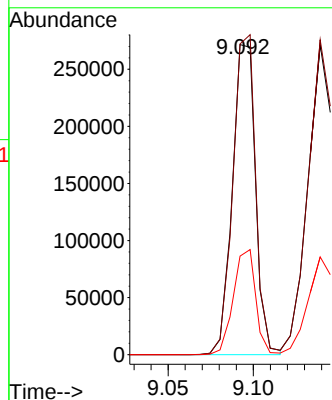
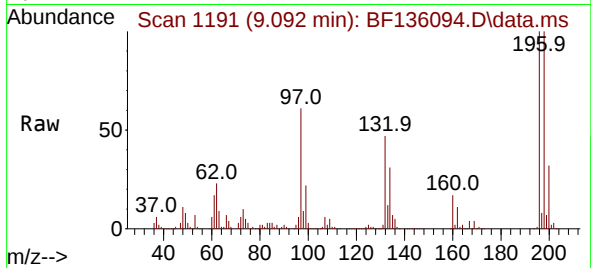




#43
2,4,6-Trichlorophenol
Concen: 43.824 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

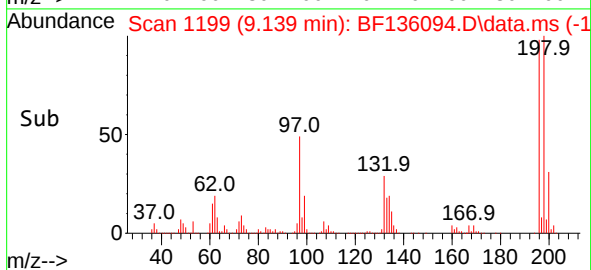
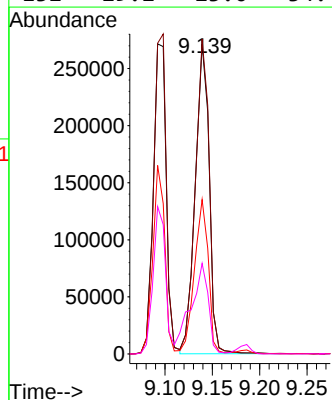
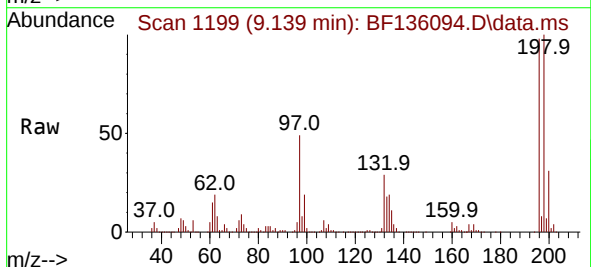
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

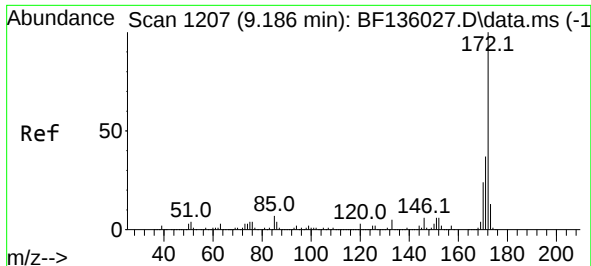
Tgt Ion:196 Resp: 256989
Ion Ratio Lower Upper
196 100
198 100.2 80.7 121.1
200 31.8 26.8 40.2



#44
2,4,5-Trichlorophenol
Concen: 41.278 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:196 Resp: 280397
Ion Ratio Lower Upper
196 100
198 101.6 81.6 122.4
97 49.8 38.2 57.2
132 29.2 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 76.071 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

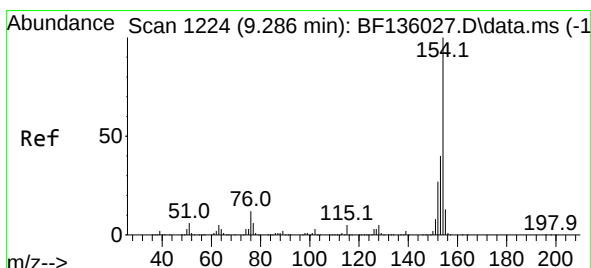
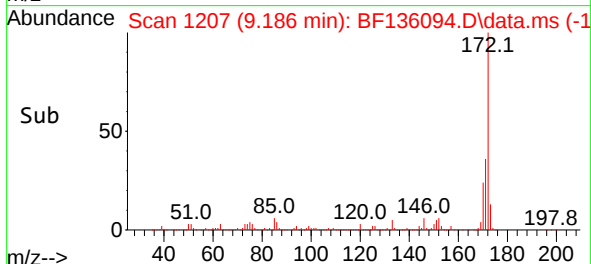
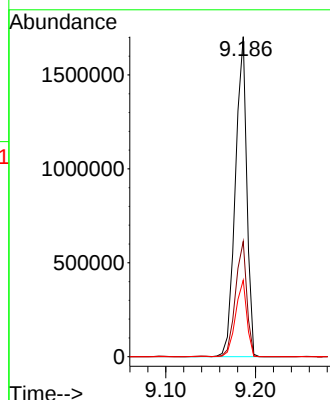
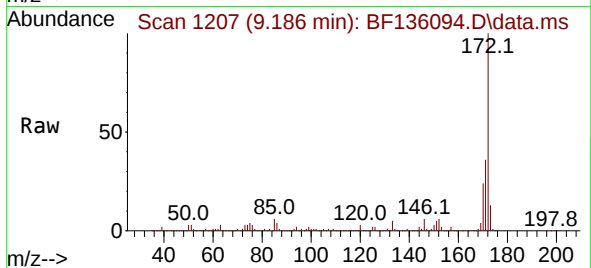
Tgt Ion:172 Resp: 1504912

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 23.9 19.3 28.9



#46

1,1'-Biphenyl

Concen: 40.951 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

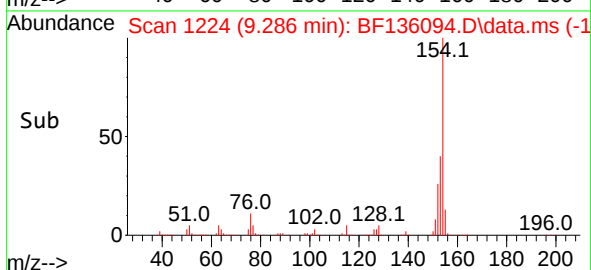
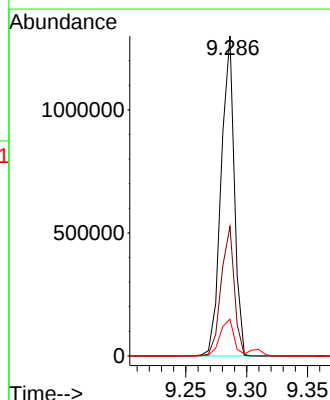
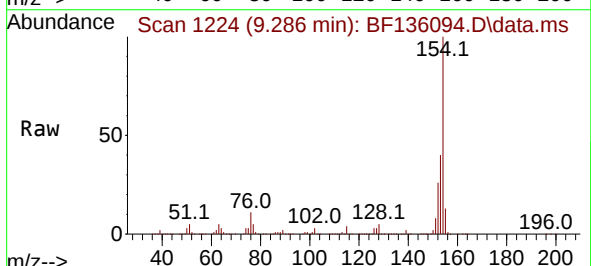
Tgt Ion:154 Resp: 984471

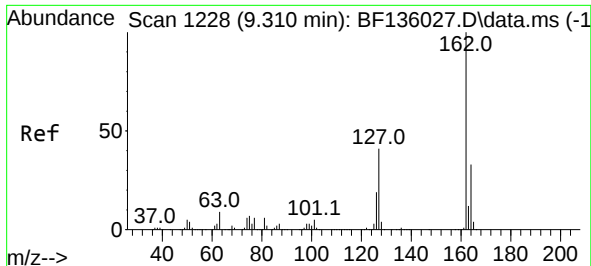
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 11.5 0.0 32.5





#47

2-Chloronaphthalene

Concen: 42.629 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

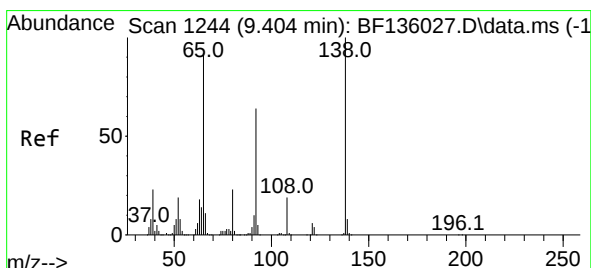
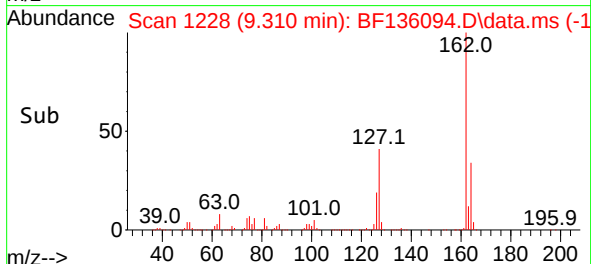
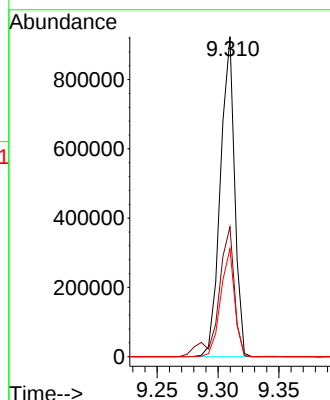
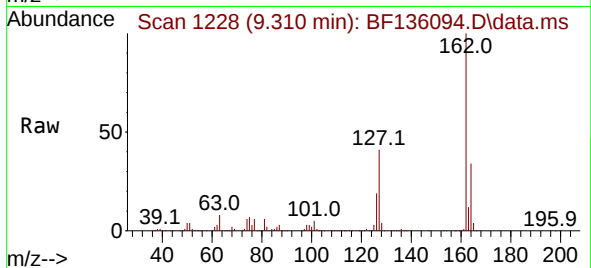
Tgt Ion:162 Resp: 755496

Ion Ratio Lower Upper

162 100

127 40.5 32.4 48.6

164 33.8 26.7 40.1



#48

2-Nitroaniline

Concen: 44.708 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

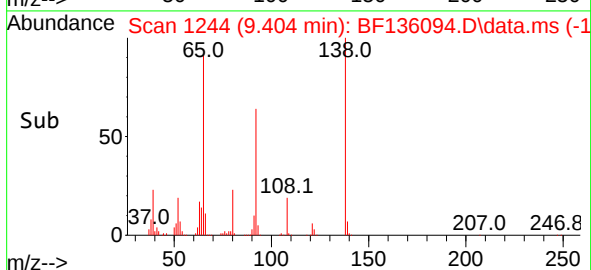
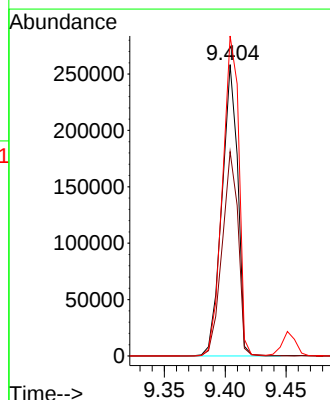
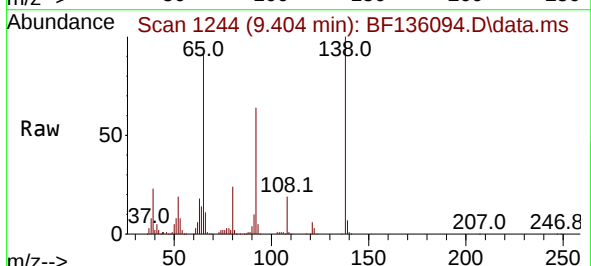
Tgt Ion: 65 Resp: 234490

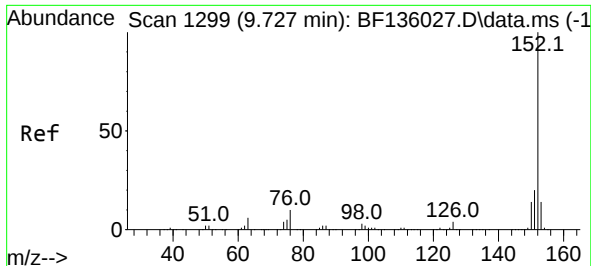
Ion Ratio Lower Upper

65 100

92 70.1 55.7 83.5

138 109.8 86.8 130.2





#49

Acenaphthylene

Concen: 42.571 ng

RT: 9.727 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

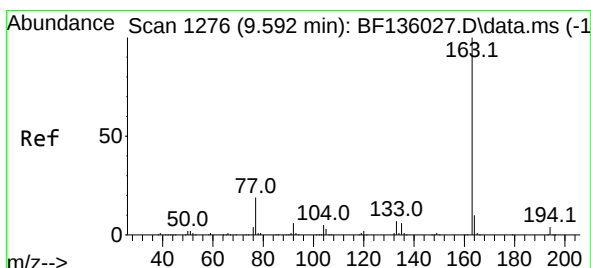
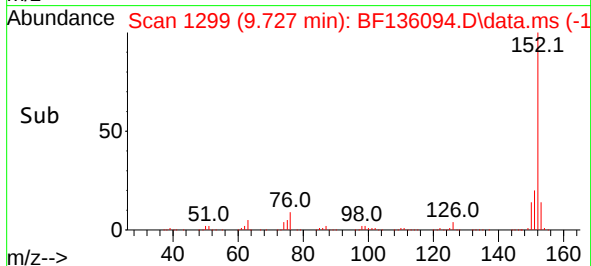
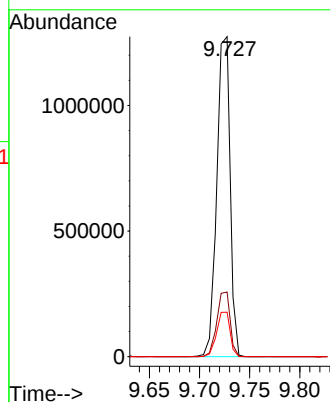
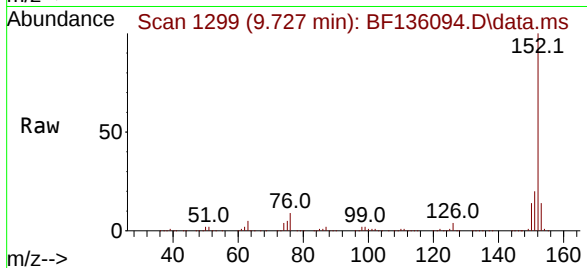
Tgt Ion:152 Resp: 1176979

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.9 11.4 17.2



#50

Dimethylphthalate

Concen: 42.554 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

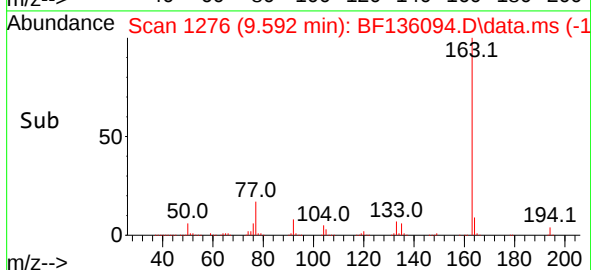
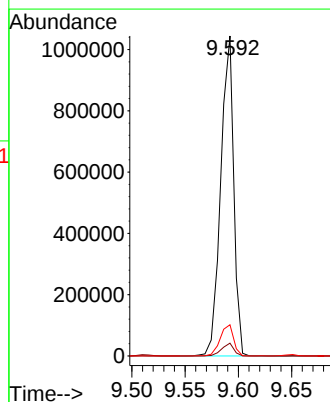
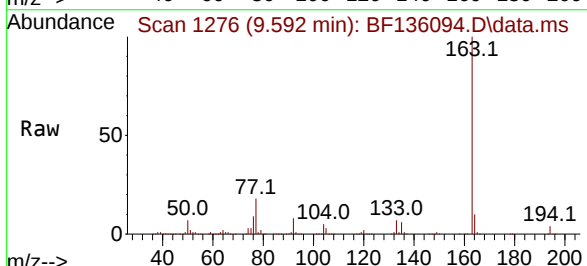
Tgt Ion:163 Resp: 885189

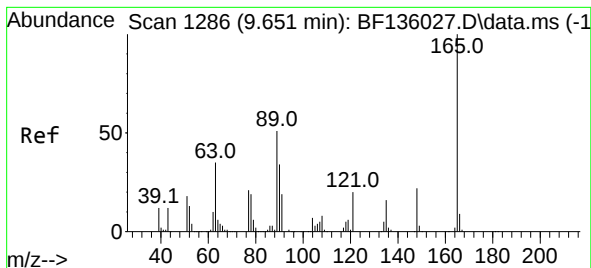
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 9.8 8.1 12.1

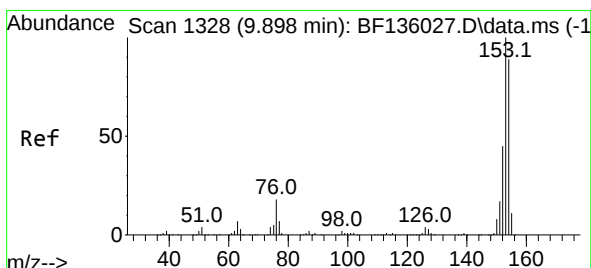
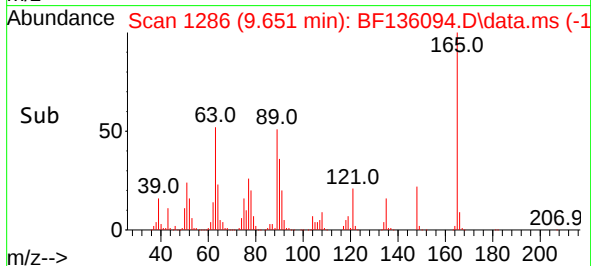
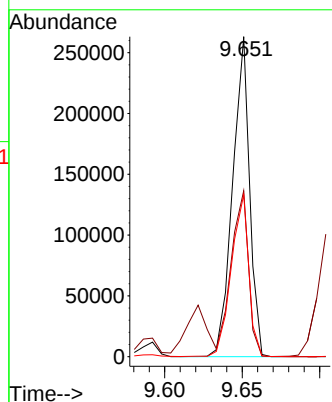
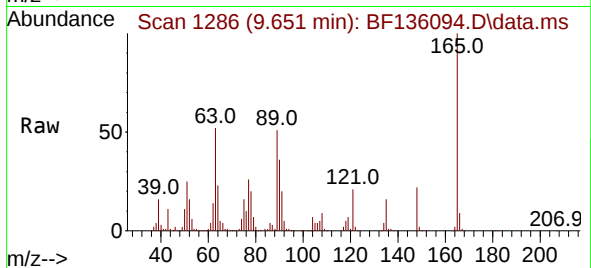




#51
2,6-Dinitrotoluene
Concen: 45.024 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

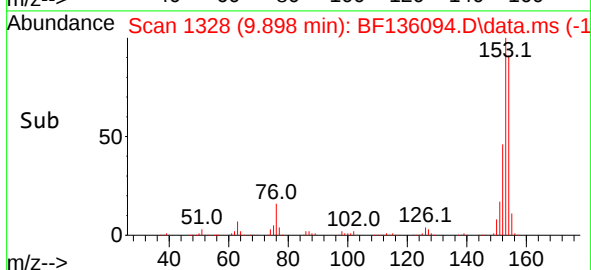
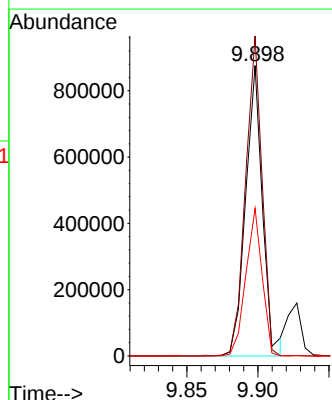
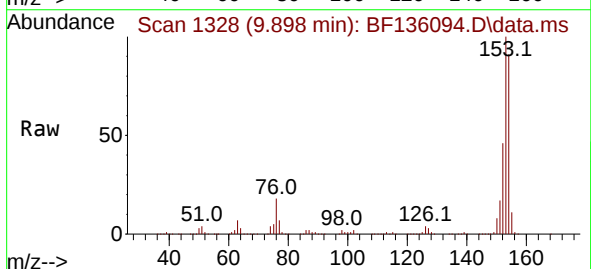
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

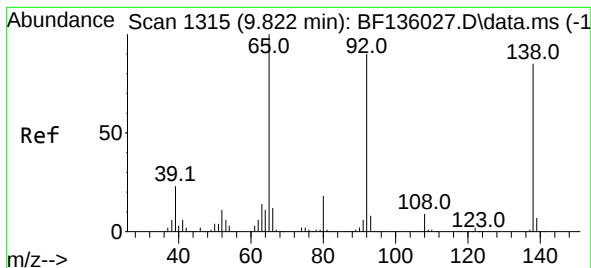
Tgt Ion:165 Resp: 200312
Ion Ratio Lower Upper
165 100
63 51.9 40.8 61.2
89 50.7 41.1 61.7



#52
Acenaphthene
Concen: 41.167 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:154 Resp: 723542
Ion Ratio Lower Upper
154 100
153 110.2 89.9 134.9
152 50.8 40.2 60.2





#53

3-Nitroaniline

Concen: 32.966 ng

RT: 9.816 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

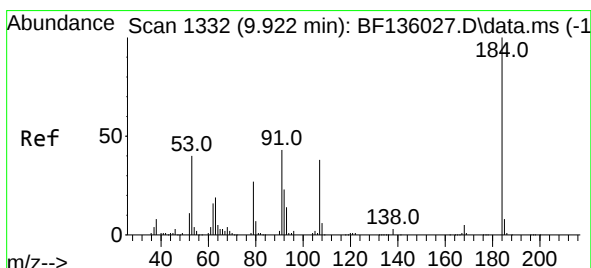
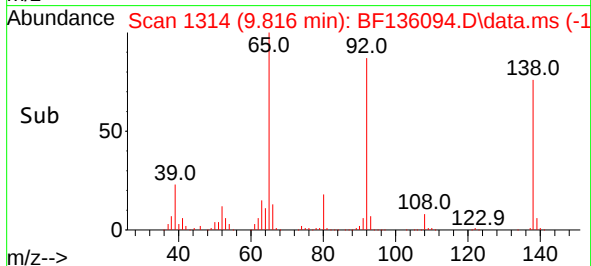
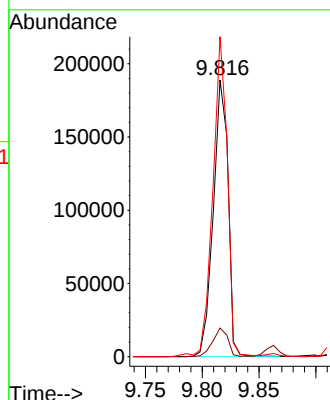
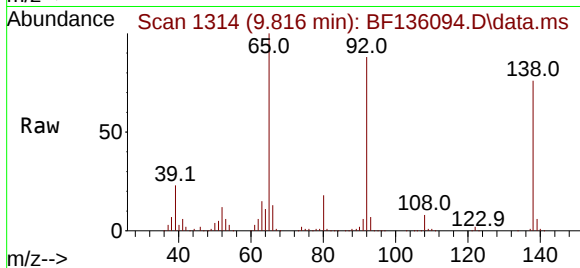
Tgt Ion:138 Resp: 171131

Ion Ratio Lower Upper

138 100

108 10.3 8.8 13.2

92 115.7 84.6 126.8



#54

2,4-Dinitrophenol

Concen: 87.754 ng

RT: 9.927 min Scan# 1333

Delta R.T. 0.005 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

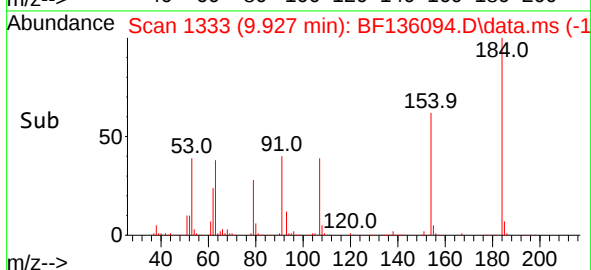
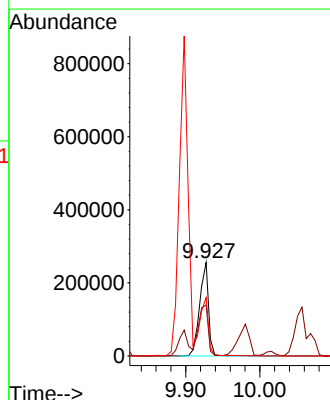
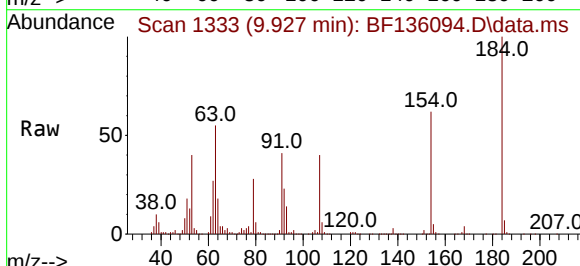
Tgt Ion:184 Resp: 213668

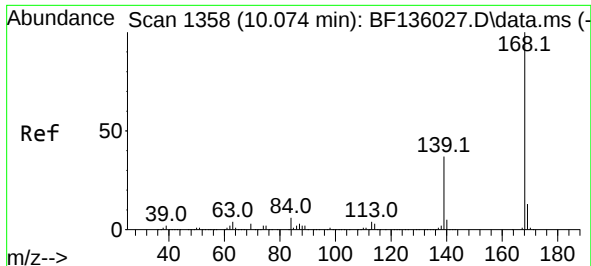
Ion Ratio Lower Upper

184 100

63 54.6 43.7 65.5

154 62.5 51.2 76.8

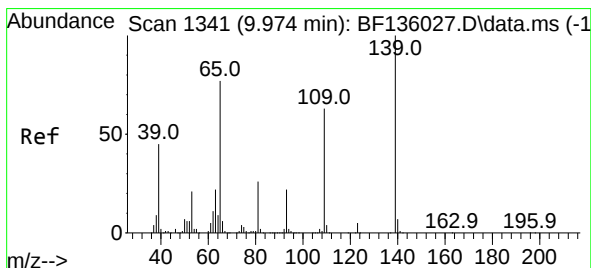
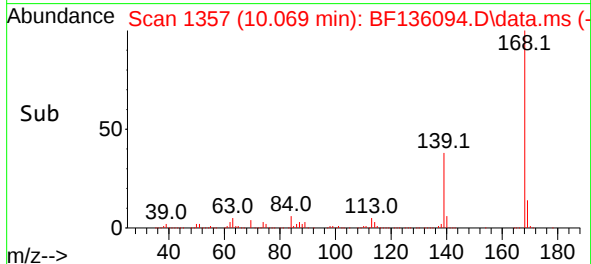
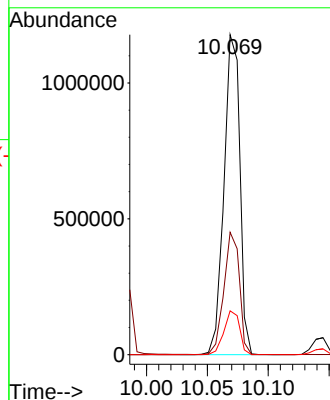
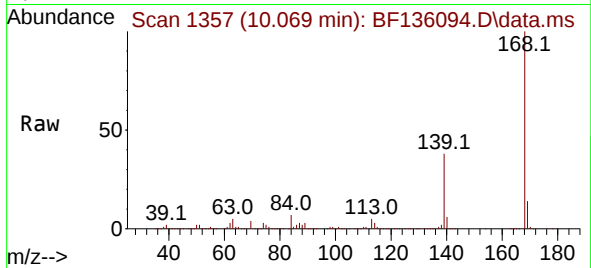




#55
Dibenzenofuran
Concen: 41.774 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

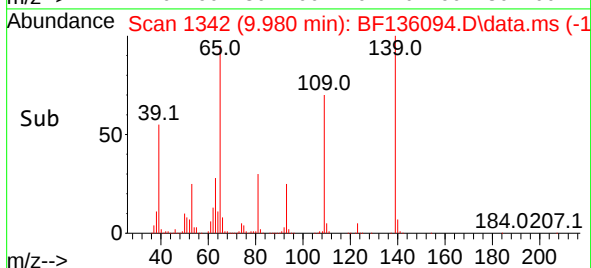
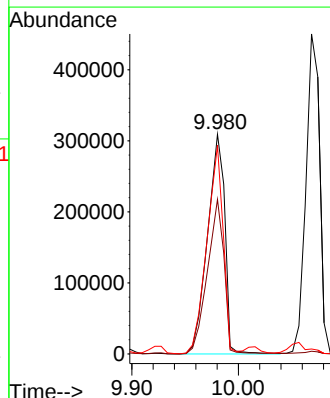
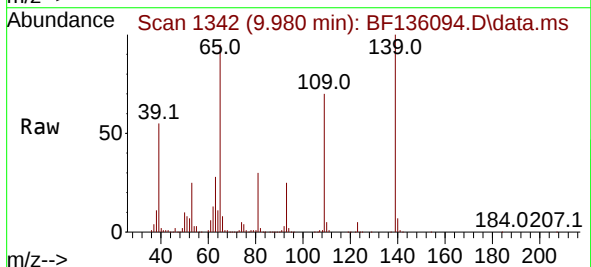
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

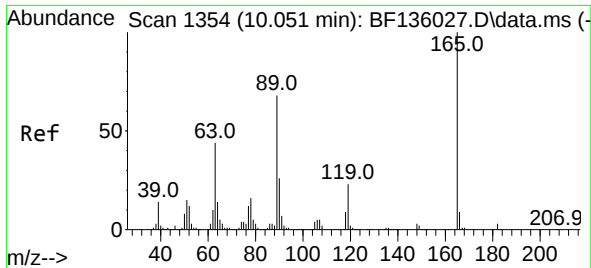
Tgt Ion:168 Resp: 1070590
Ion Ratio Lower Upper
168 100
139 38.3 29.4 44.0
169 13.7 10.5 15.7



#56
4-Nitrophenol
Concen: 89.885 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:139 Resp: 349034
Ion Ratio Lower Upper
139 100
109 70.4 43.2 83.2
65 94.9 57.6 97.6

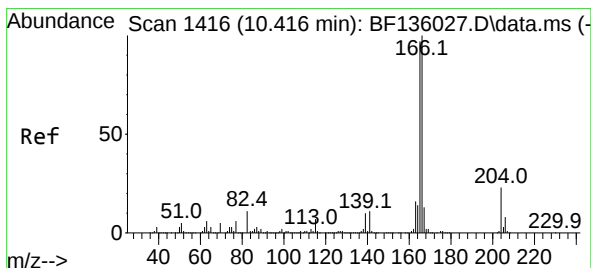
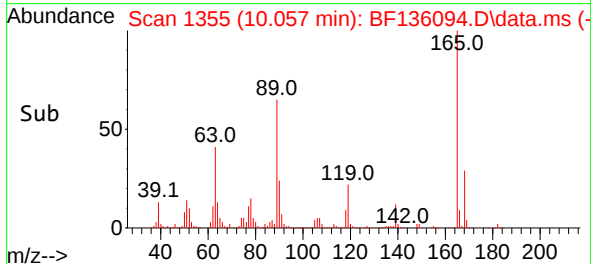
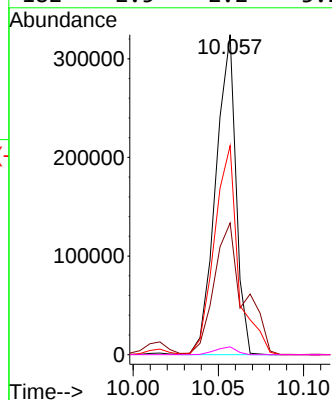
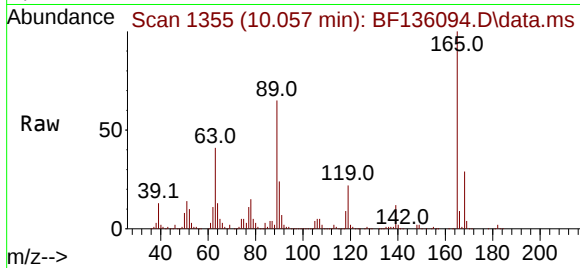




#57
2,4-Dinitrotoluene
Concen: 47.514 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

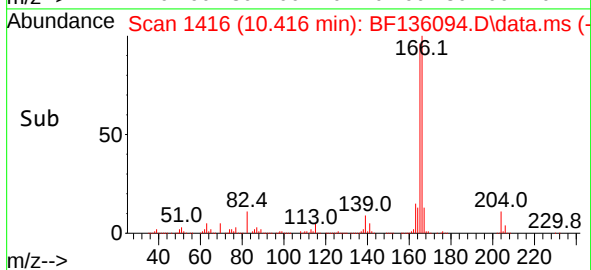
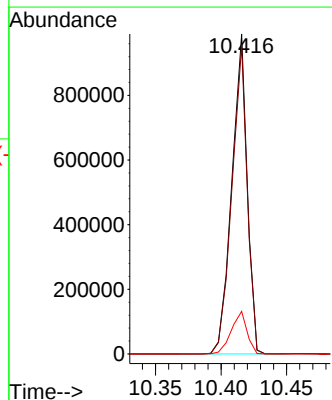
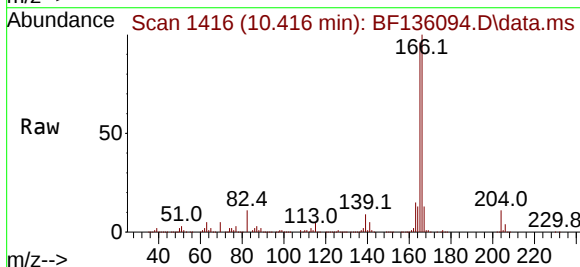
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

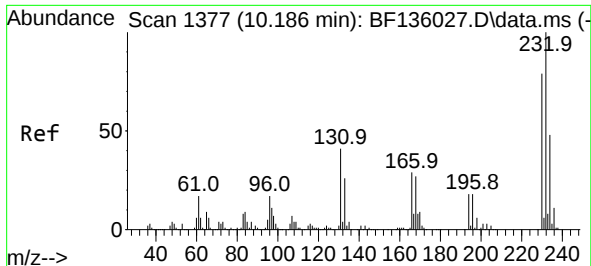
Tgt	Ion:165	Resp:	267461
Ion	Ratio	Lower	Upper
165	100		
63	41.2	35.2	52.8
89	65.3	54.8	82.2
182	2.5	2.2	3.2



#58
Fluorene
Concen: 42.124 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt	Ion:166	Resp:	808286
Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.7	116.5
167	13.3	10.6	16.0



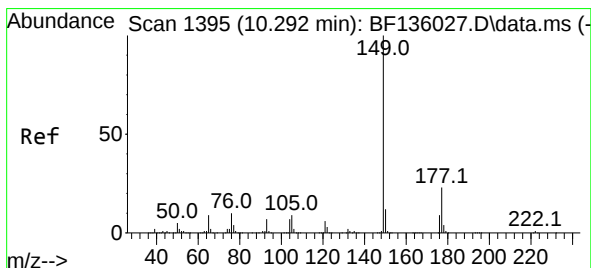
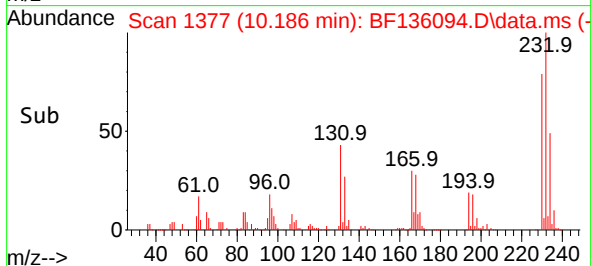
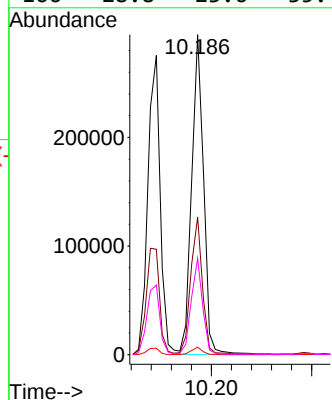
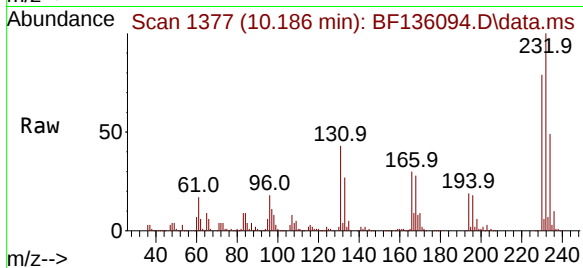


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.549 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Instrument :
BNA_F
ClientSampleId :
PB156666BSD

Tgt Ion:232 Resp: 240589

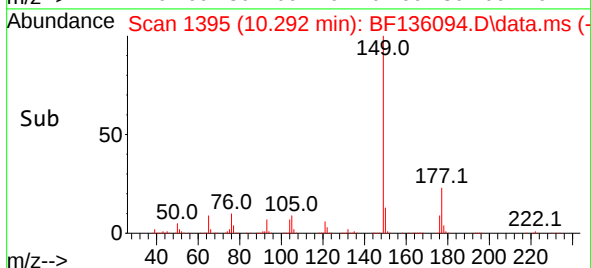
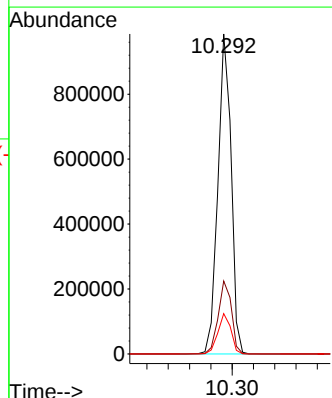
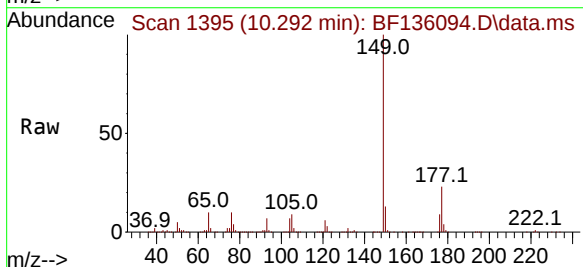
Ion	Ratio	Lower	Upper
232	100		
131	42.8	34.6	52.0
130	2.2	1.6	2.4
166	28.8	23.6	35.4

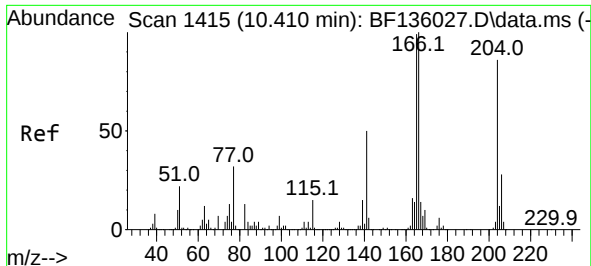


#60
Diethylphthalate
Concen: 42.657 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:149 Resp: 847823

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.4
150	12.6	9.9	14.9

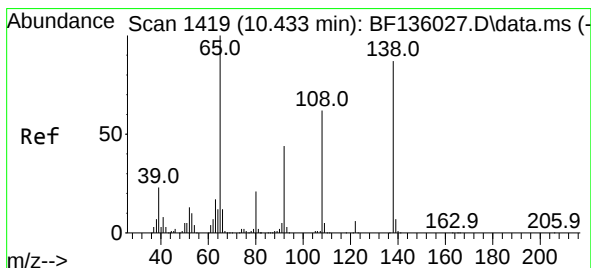
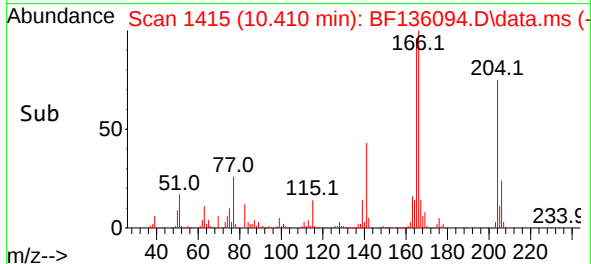
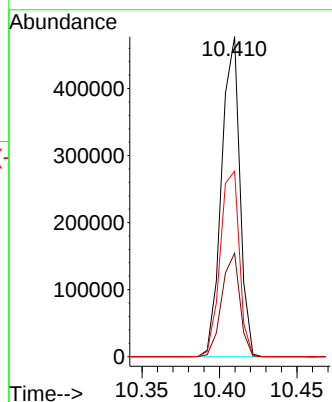
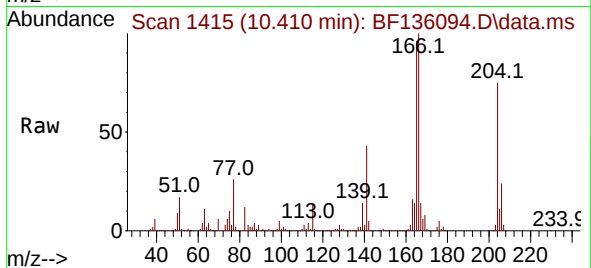




#61
4-Chlorophenyl-phenylether
Concen: 40.867 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

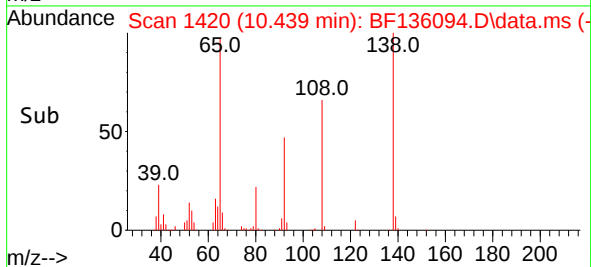
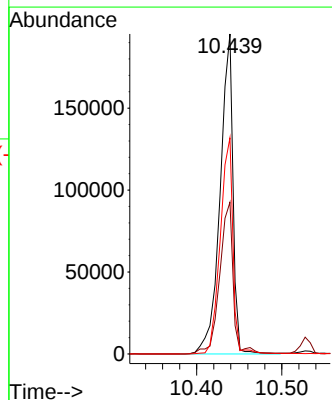
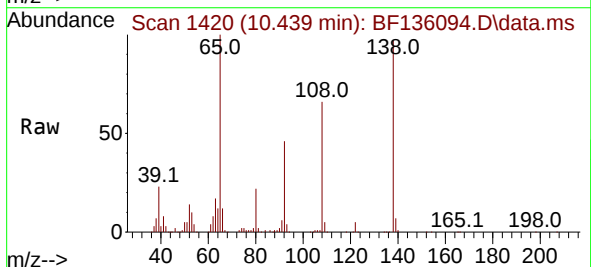
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

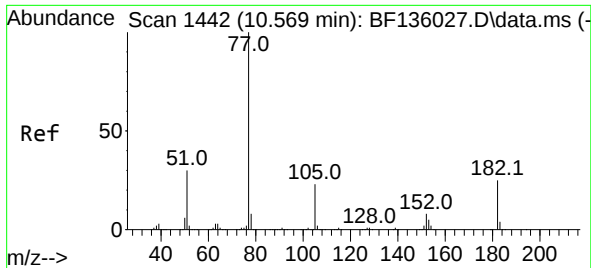
Tgt Ion:204 Resp: 391437
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 58.0 46.8 70.2



#62
4-Nitroaniline
Concen: 41.209 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:138 Resp: 205992
Ion Ratio Lower Upper
138 100
92 47.4 30.6 70.6
108 67.6 51.5 91.5

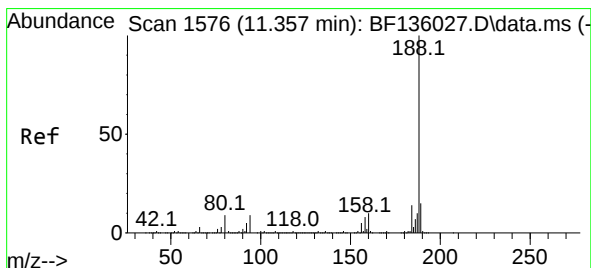
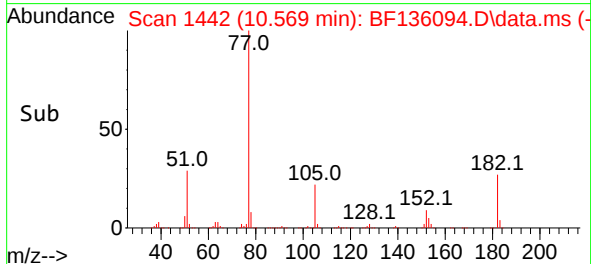
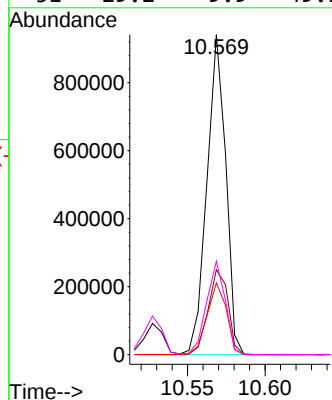
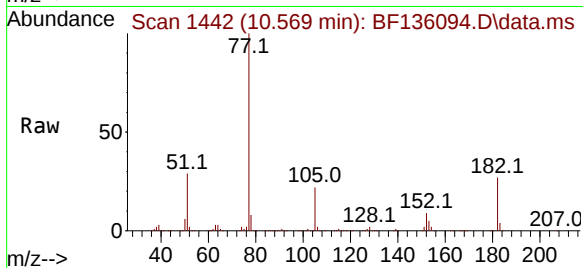




#63
Azobenzene
Concen: 41.552 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

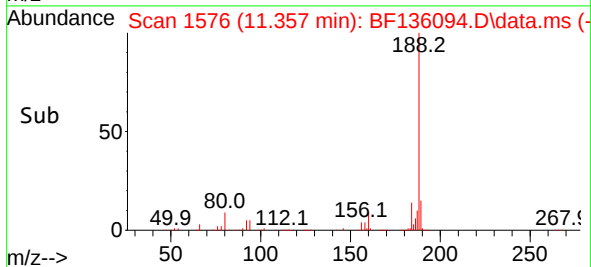
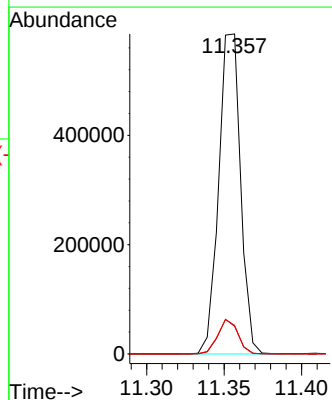
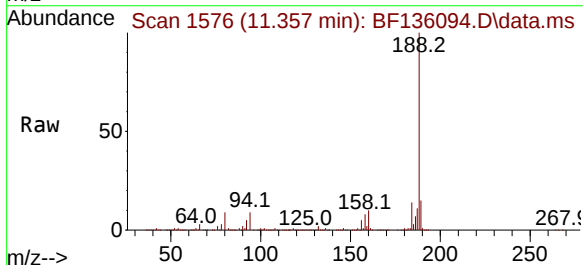
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

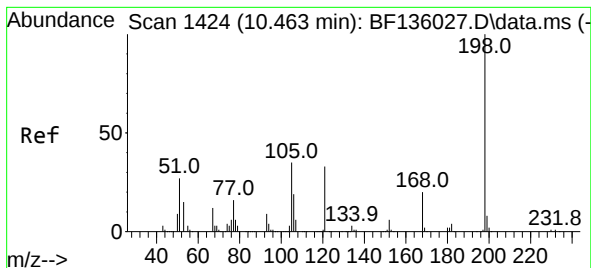
Tgt Ion: 77	Resp: 795350
Ion Ratio	Lower Upper
77 100	
182 26.5	5.0 45.0
105 22.5	2.6 42.6
51 29.2	9.9 49.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:188	Resp: 575734
Ion Ratio	Lower Upper
188 100	
94 8.7	7.2 10.8
80 9.0	7.4 11.0

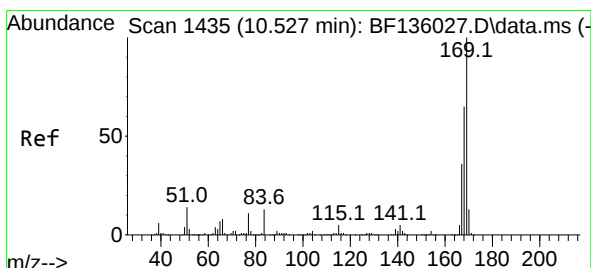
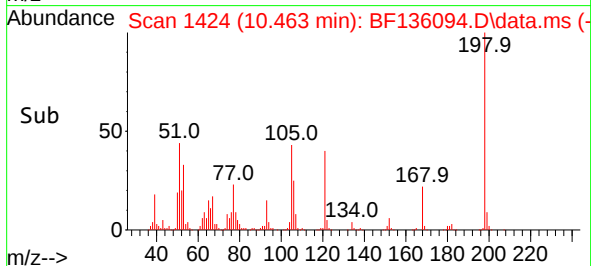
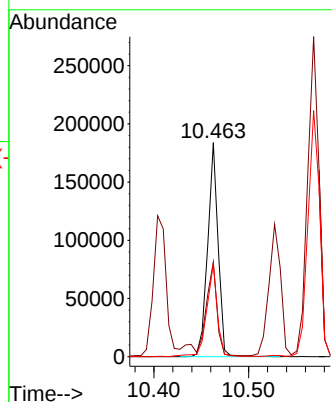
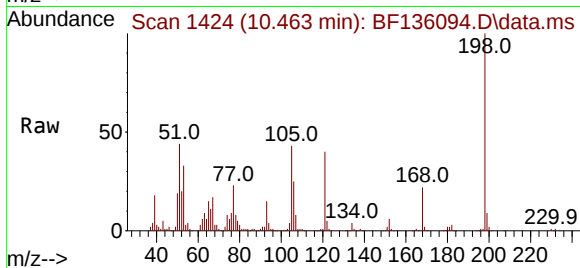




#65
4,6-Dinitro-2-methylphenol
Concen: 44.686 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

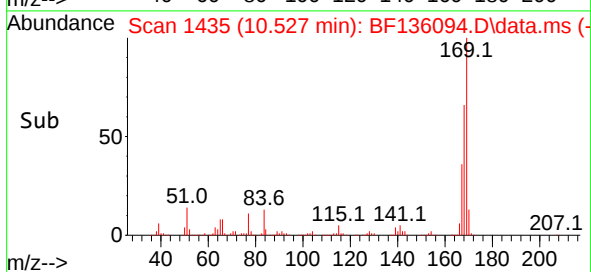
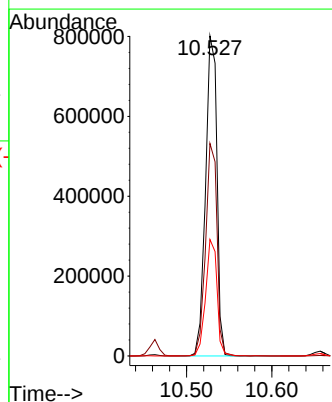
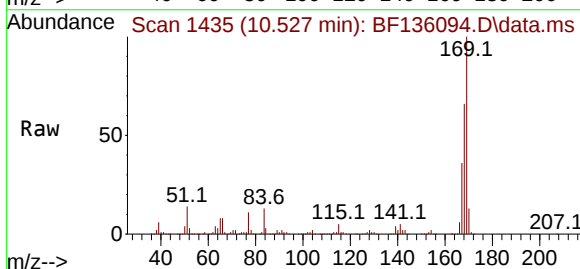
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

Tgt Ion:198 Resp: 139924
Ion Ratio Lower Upper
198 100
51 44.3 12.9 52.9
105 43.3 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 42.765 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:169 Resp: 742723
Ion Ratio Lower Upper
169 100
168 66.4 52.2 78.2
167 36.4 28.7 43.1

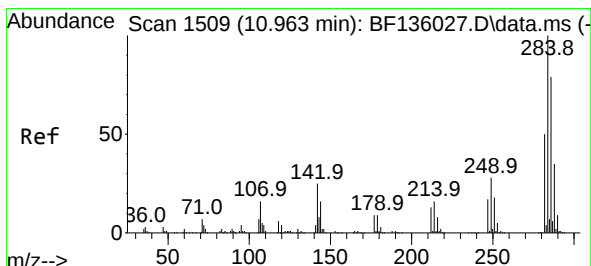
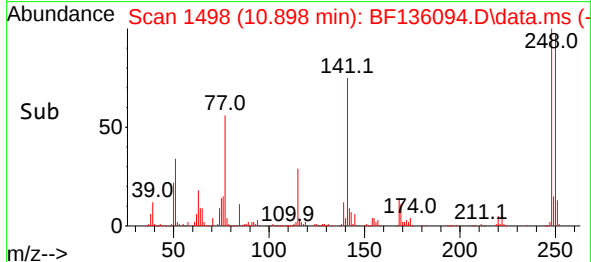
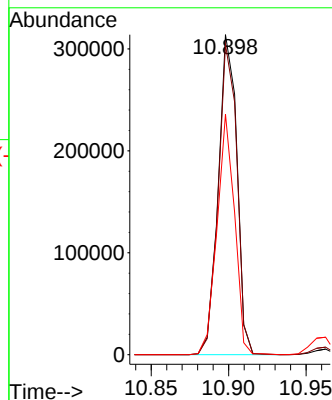
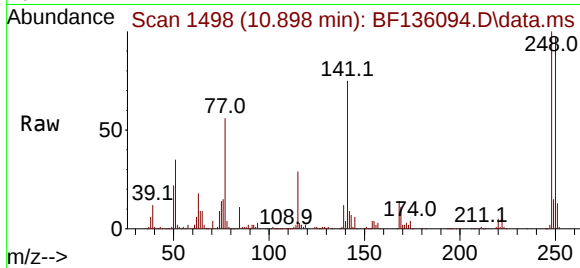




#67
4-Bromophenyl-phenylether
Concen: 43.510 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

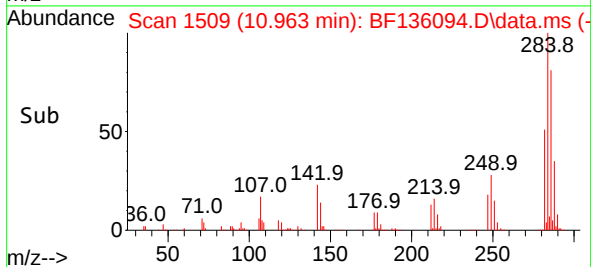
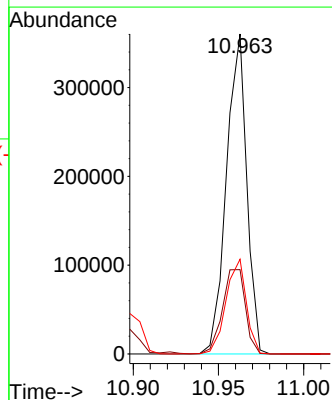
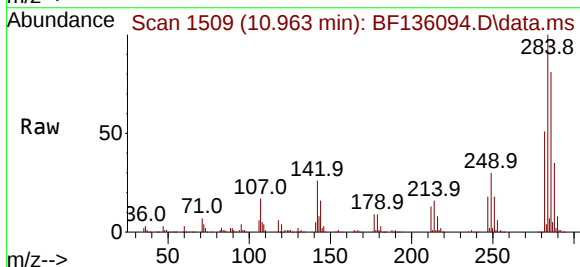
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

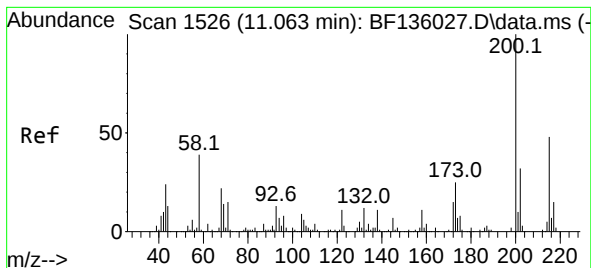
Tgt Ion:248 Resp: 262633
Ion Ratio Lower Upper
248 100
250 97.0 77.6 116.4
141 75.1 50.4 75.6



#68
Hexachlorobenzene
Concen: 46.260 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:284 Resp: 298223
Ion Ratio Lower Upper
284 100
142 26.4 20.2 30.4
249 29.6 22.6 33.8





#69

Atrazine

Concen: 50.674 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

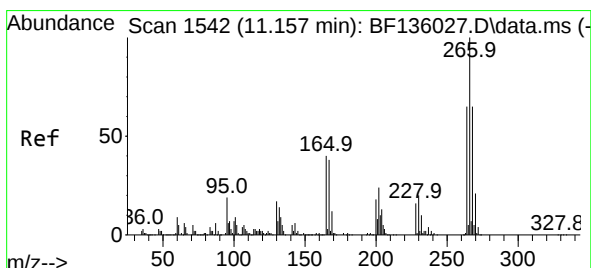
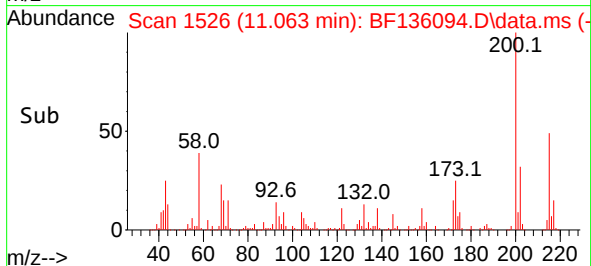
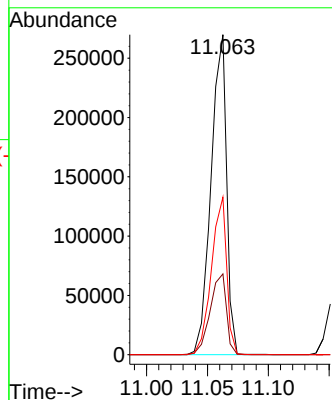
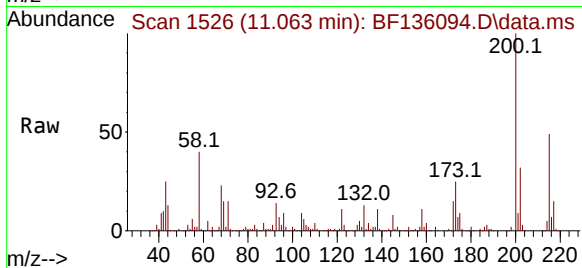
Tgt Ion:200 Resp: 239456

Ion Ratio Lower Upper

200 100

173 25.3 5.2 45.2

215 49.2 28.4 68.4



#70

Pentachlorophenol

Concen: 72.752 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

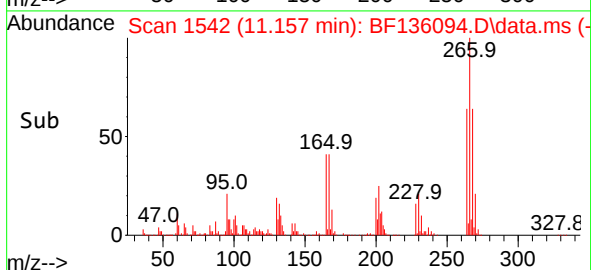
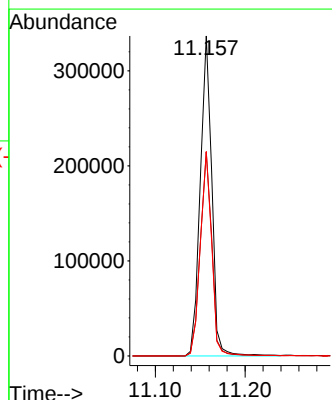
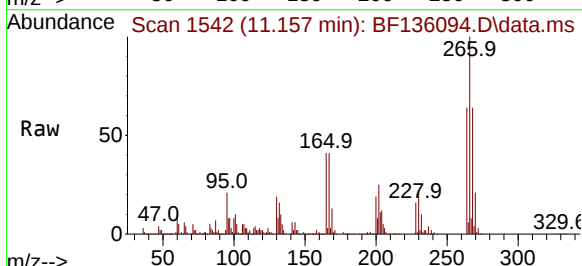
Tgt Ion:266 Resp: 301210

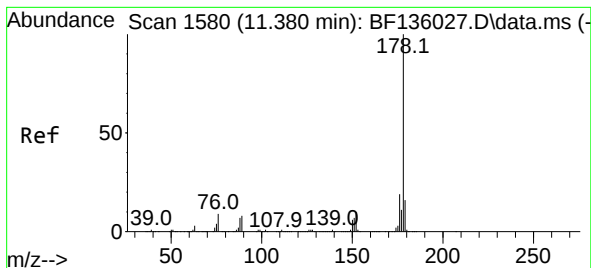
Ion Ratio Lower Upper

266 100

268 63.8 52.2 78.4

264 63.9 52.2 78.4





#71

Phenanthrene

Concen: 42.927 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

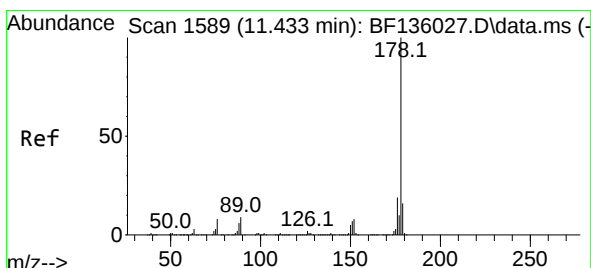
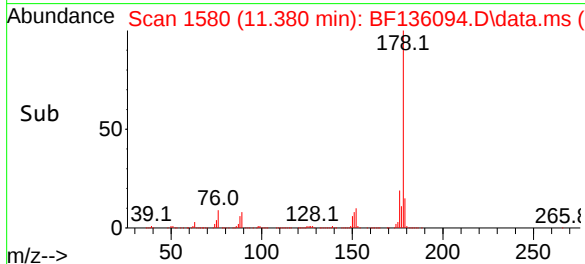
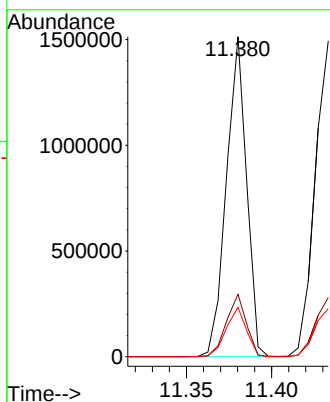
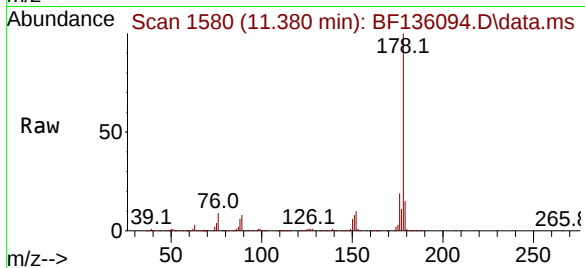
Tgt Ion:178 Resp: 1244390

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.4 12.9 19.3



#72

Anthracene

Concen: 42.234 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

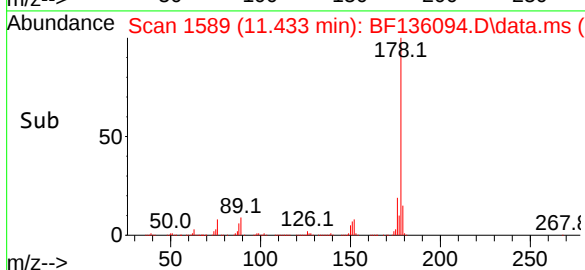
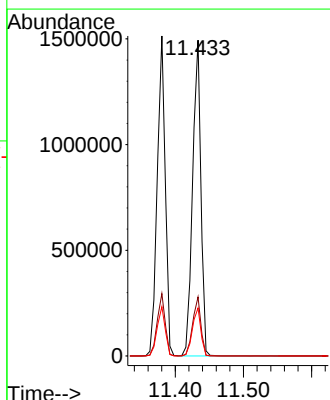
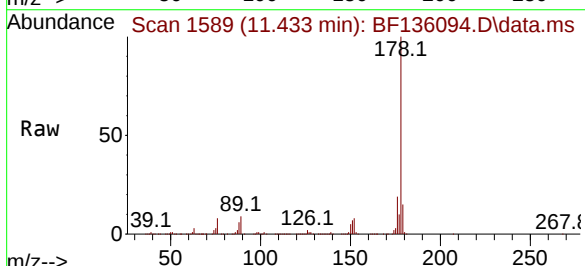
Tgt Ion:178 Resp: 1254542

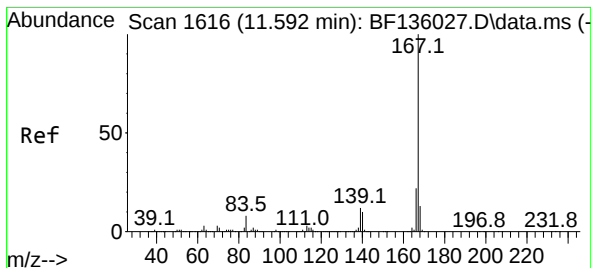
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.2 12.6 18.8





#73

Carbazole

Concen: 42.789 ng

RT: 11.586 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

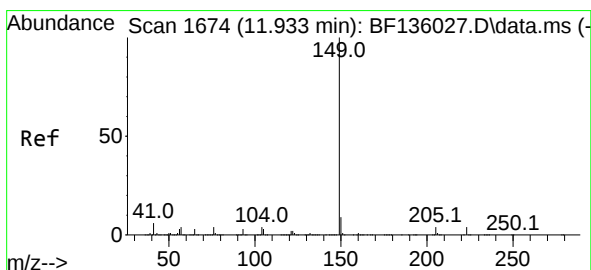
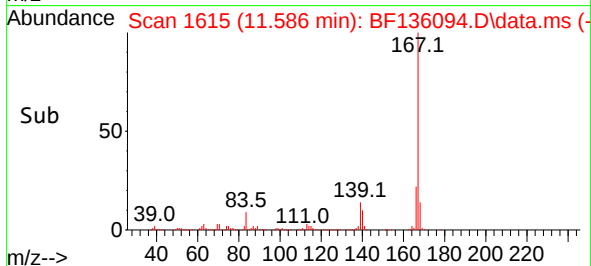
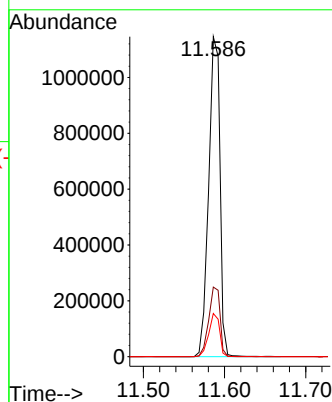
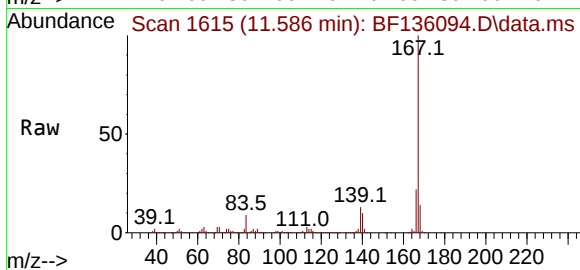
Tgt Ion:167 Resp: 1104489

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.5 9.9 14.9



#74

Di-n-butylphthalate

Concen: 42.659 ng

RT: 11.927 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

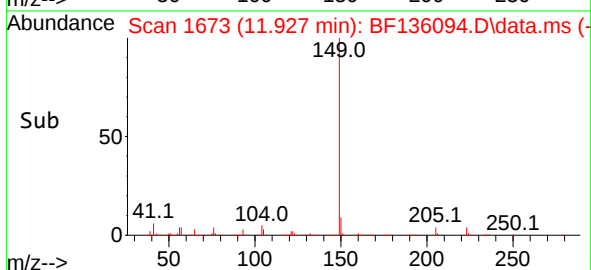
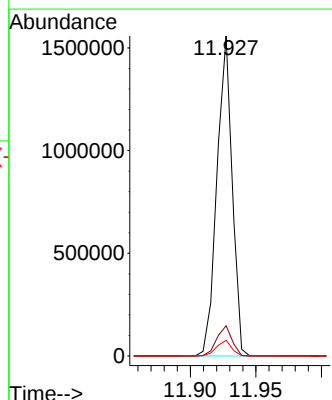
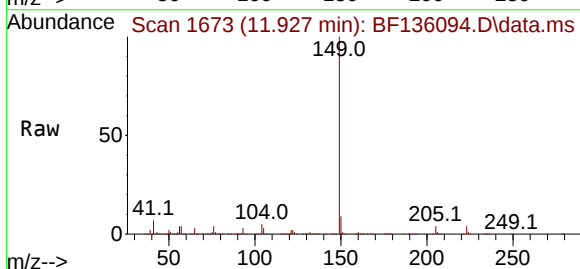
Tgt Ion:149 Resp: 1258223

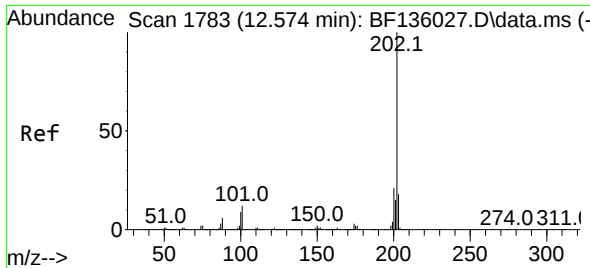
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.9 3.6 5.4

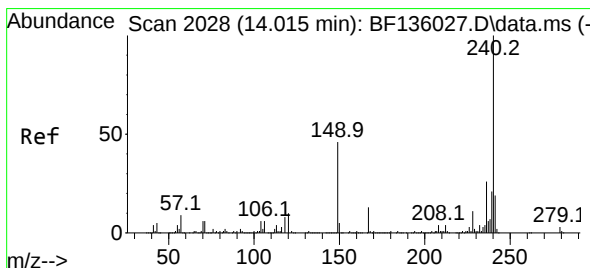
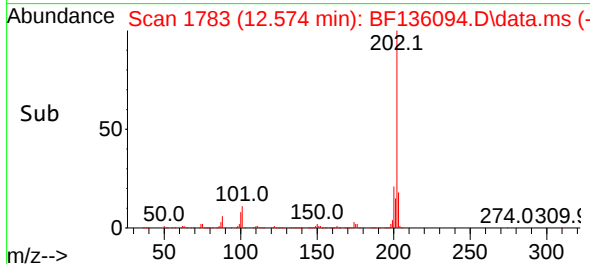
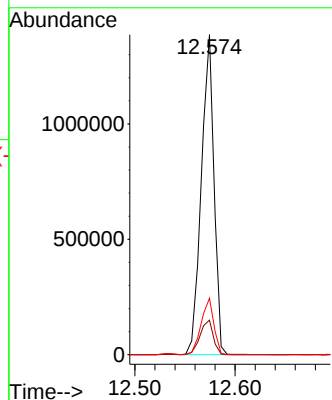
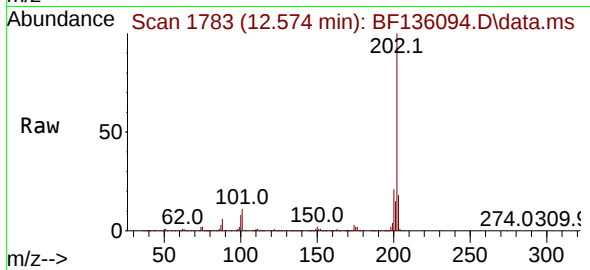




#75
Fluoranthene
Concen: 41.060 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

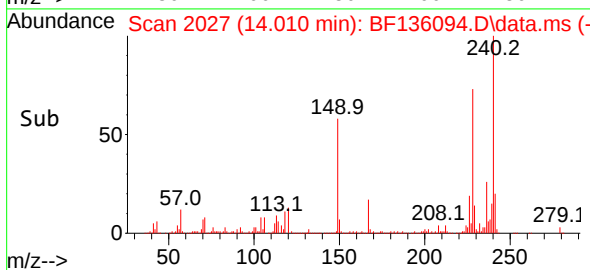
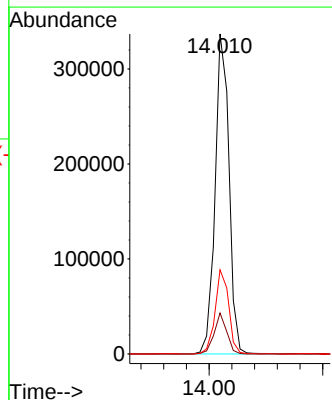
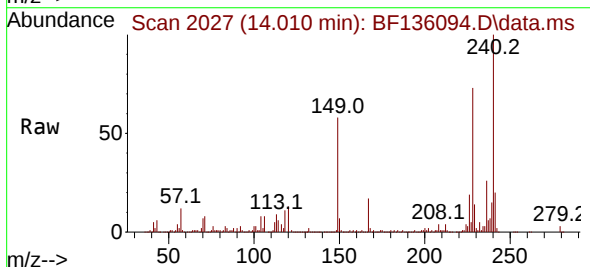
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

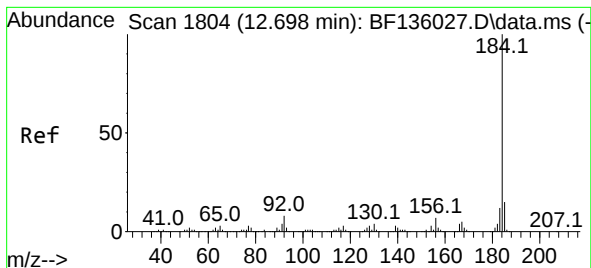
Tgt Ion:202 Resp: 1222778
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.8
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:240 Resp: 286520
Ion Ratio Lower Upper
240 100
120 12.8 7.6 11.4#
236 26.3 20.6 31.0





#77

Benzidine

Concen: 33.277 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

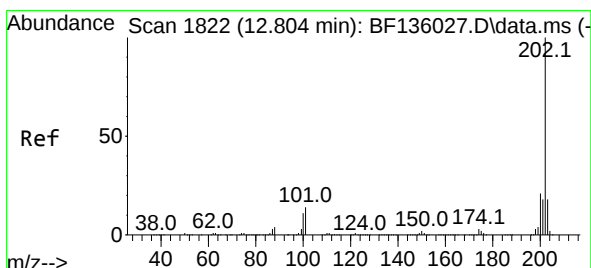
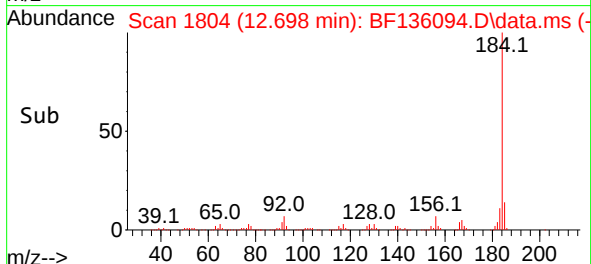
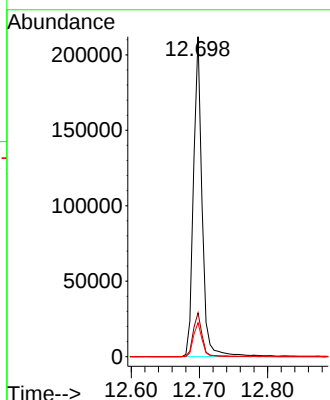
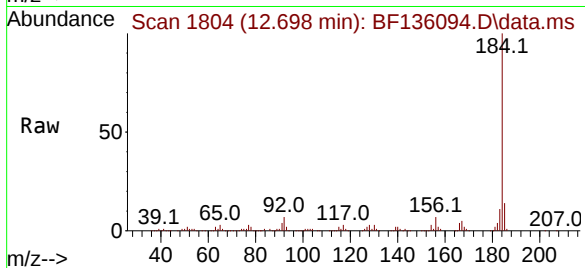
Tgt Ion:184 Resp: 185834

Ion Ratio Lower Upper

184 100

185 13.7 11.8 17.8

183 10.6 9.5 14.3



#78

Pyrene

Concen: 48.924 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

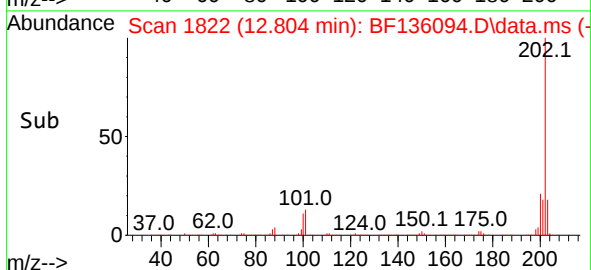
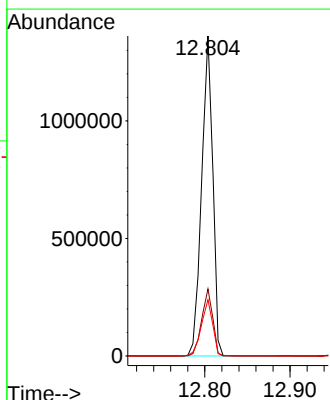
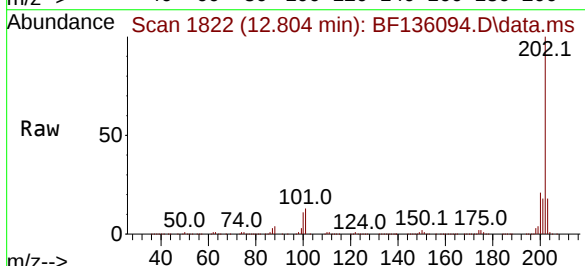
Tgt Ion:202 Resp: 1235875

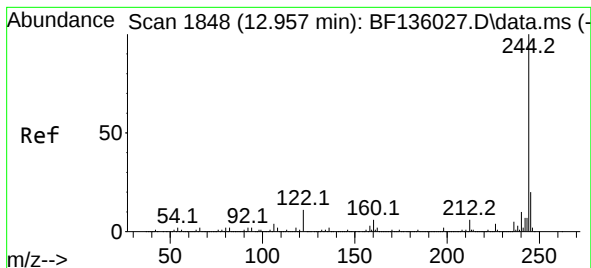
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 90.798 ng

RT: 12.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

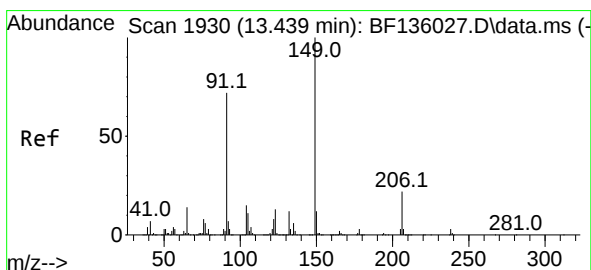
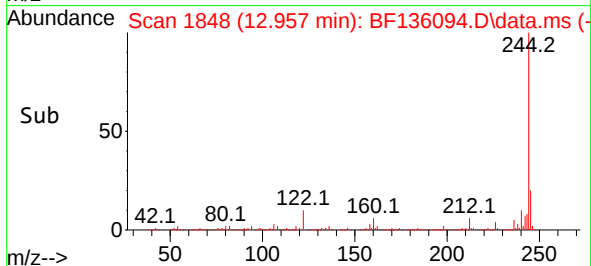
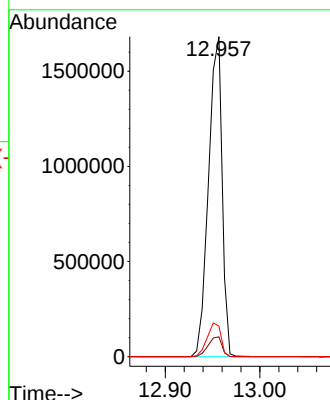
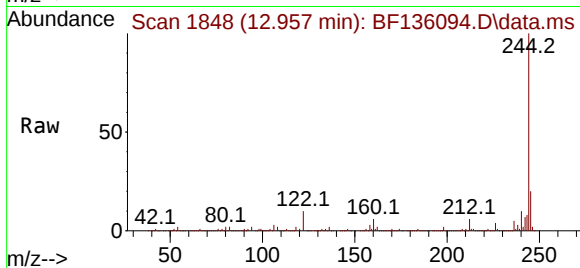
Tgt Ion:244 Resp: 1674053

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 9.6 8.6 12.8



#80

Butylbenzylphthalate

Concen: 45.735 ng

RT: 13.439 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

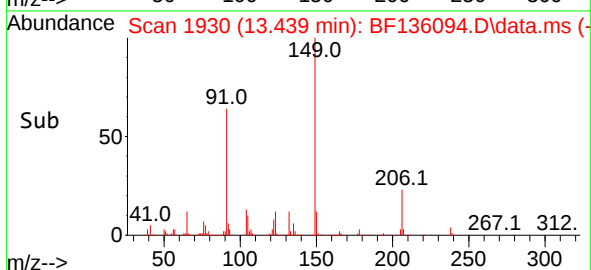
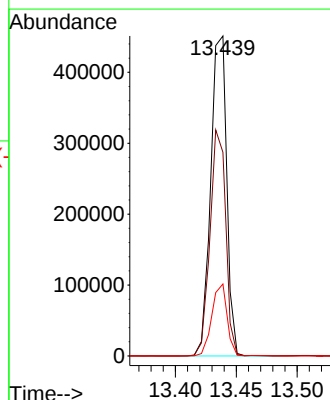
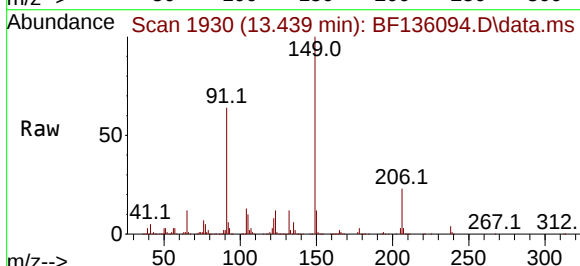
Tgt Ion:149 Resp: 413545

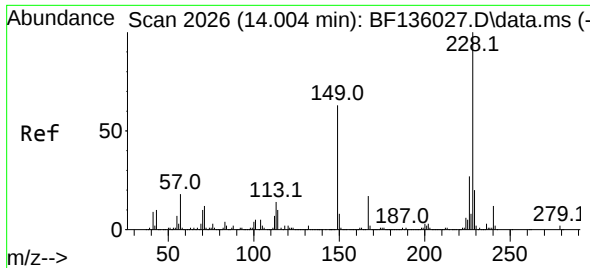
Ion Ratio Lower Upper

149 100

91 63.6 57.6 86.4

206 22.5 17.4 26.0

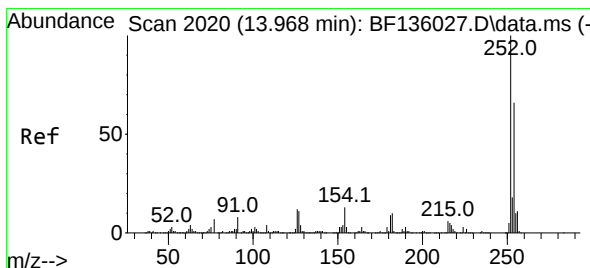
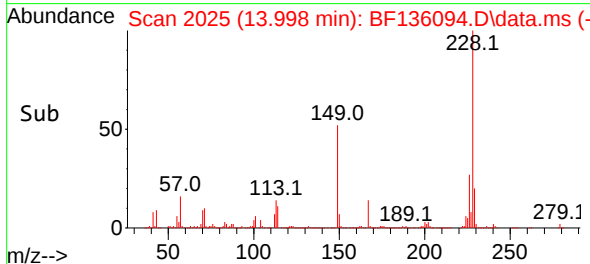
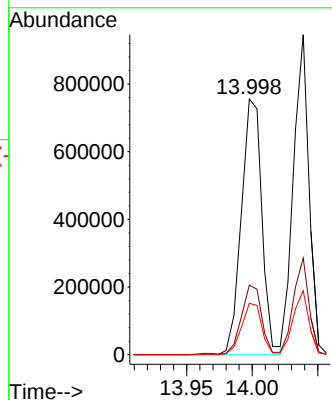
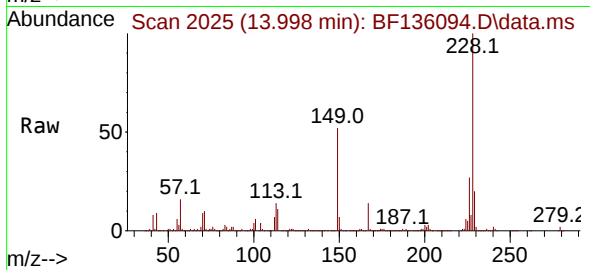




#81
Benzo(a)anthracene
Concen: 43.535 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

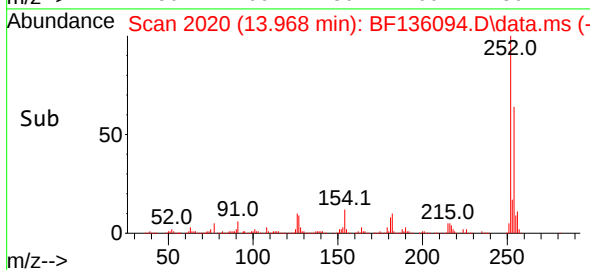
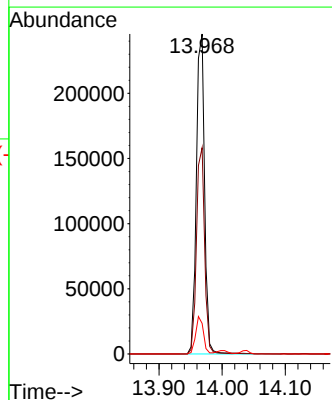
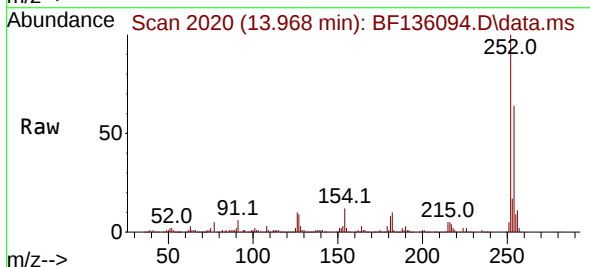
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

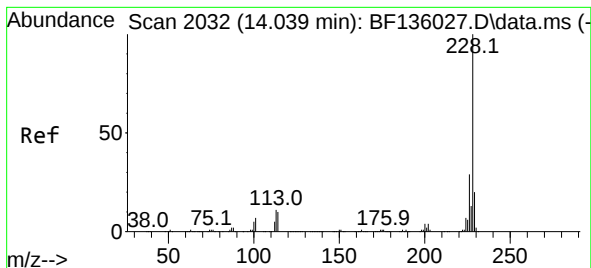
Tgt Ion:228 Resp: 825799
Ion Ratio Lower Upper
228 100
226 27.2 21.5 32.3
229 20.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 36.593 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:252 Resp: 221540
Ion Ratio Lower Upper
252 100
254 64.5 52.5 78.7
126 9.5 9.4 14.2





#83

Chrysene

Concen: 42.238 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

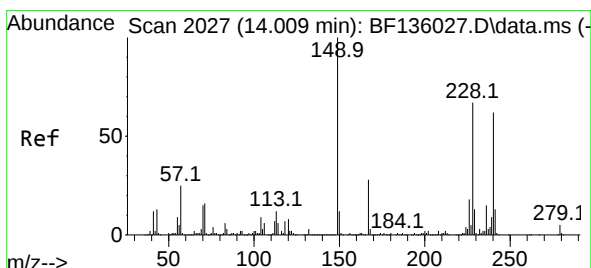
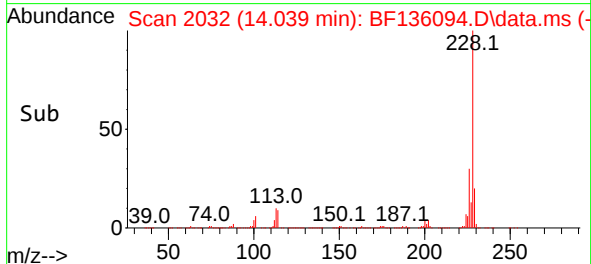
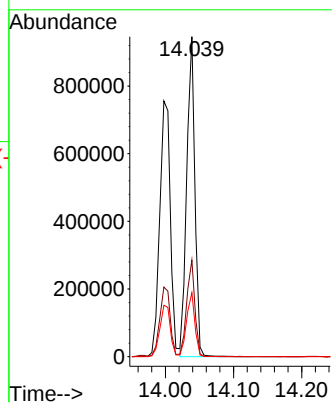
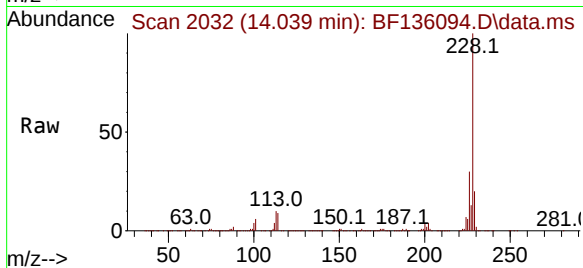
Tgt Ion:228 Resp: 789038

Ion Ratio Lower Upper

228 100

226 30.2 23.5 35.3

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.988 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

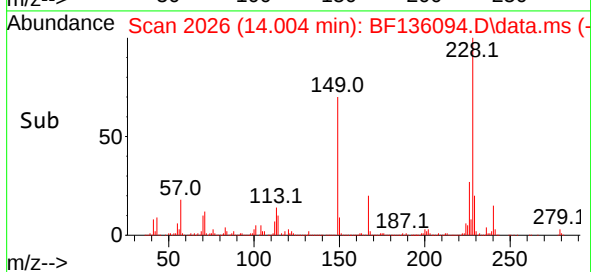
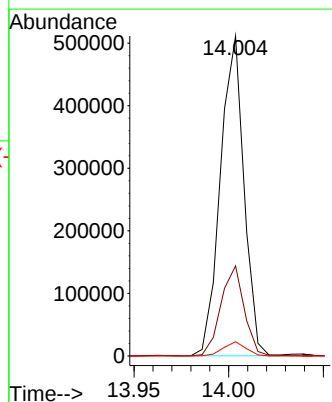
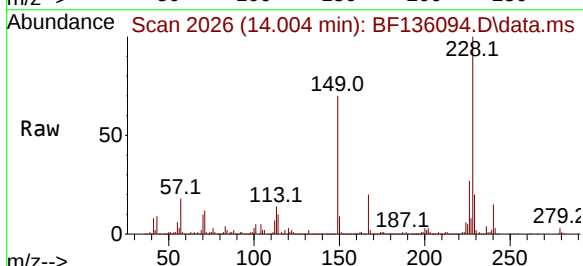
Tgt Ion:149 Resp: 442329

Ion Ratio Lower Upper

149 100

167 28.1 22.6 33.8

279 4.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 42.867 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

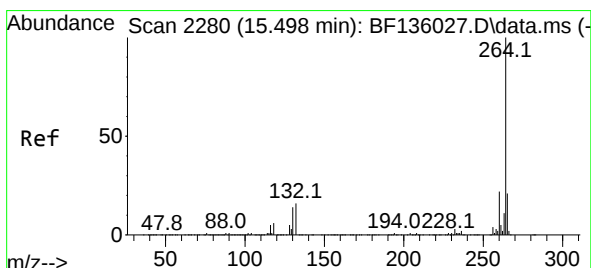
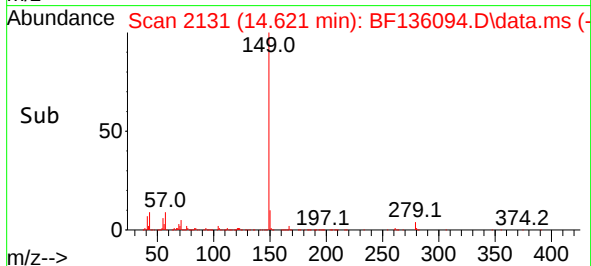
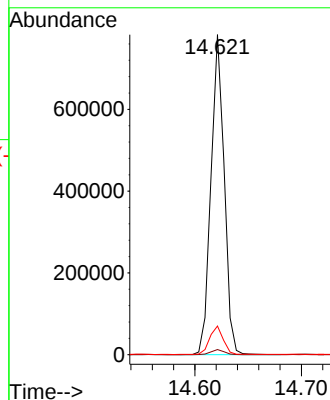
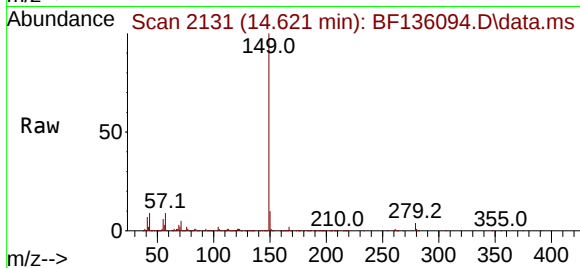
Tgt Ion:149 Resp: 676514

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.1 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

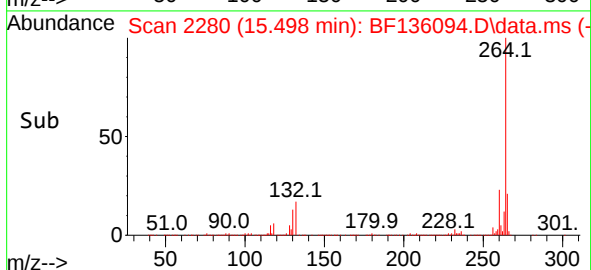
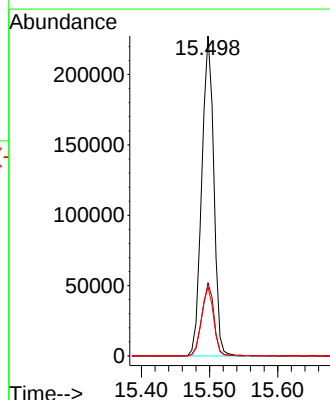
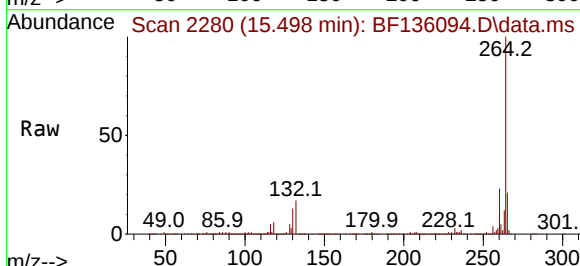
Tgt Ion:264 Resp: 279380

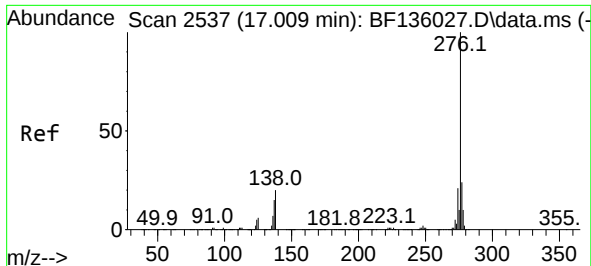
Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 21.5 16.8 25.2

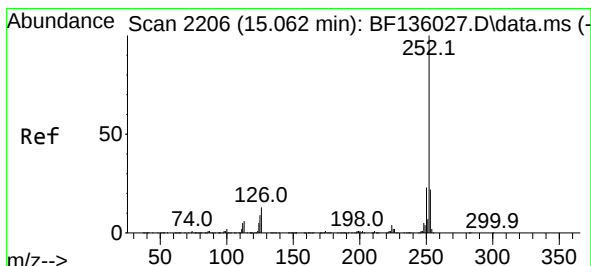
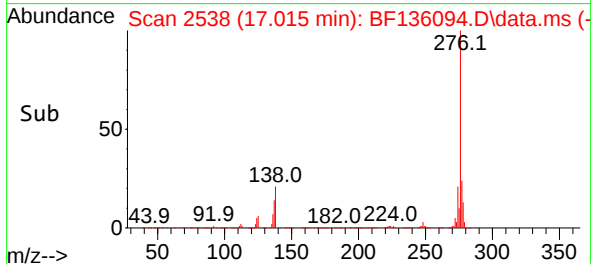
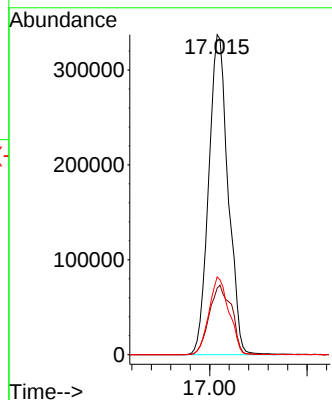
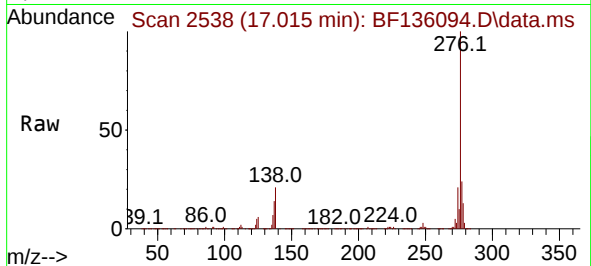




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.034 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

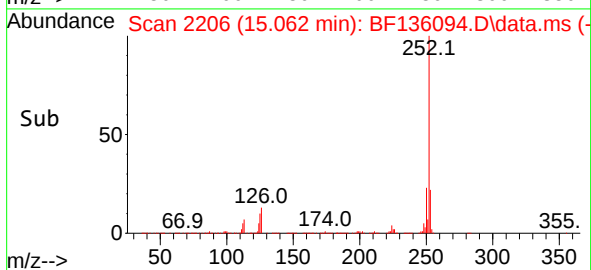
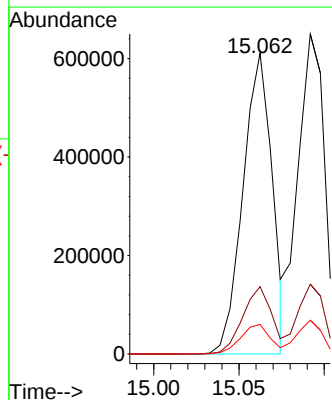
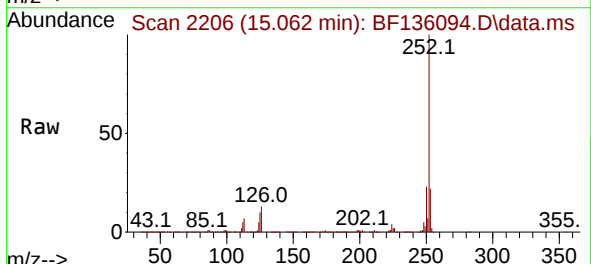
Instrument :
BNA_F
ClientSampleId :
PB156666BSD

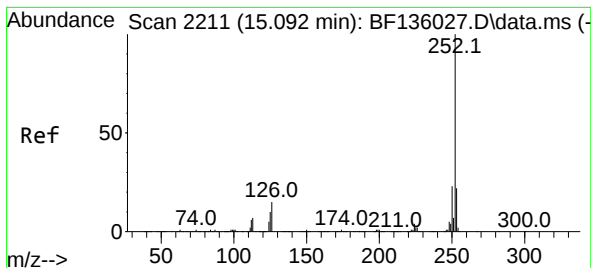
Tgt Ion:276 Resp: 931829
Ion Ratio Lower Upper
276 100
138 25.0 20.4 30.6
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 44.019 ng
RT: 15.062 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF136094.D
Acq: 02 Nov 2023 14:23

Tgt Ion:252 Resp: 727704
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.9 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 43.776 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

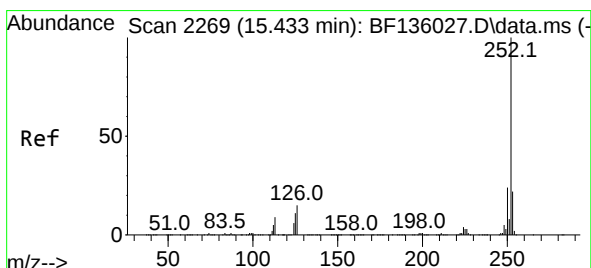
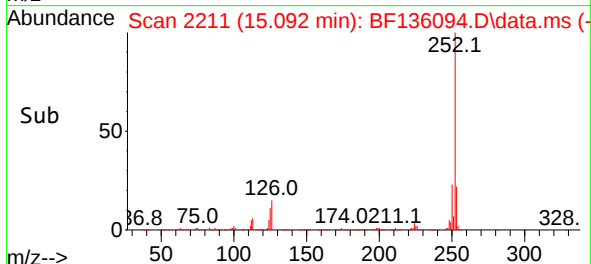
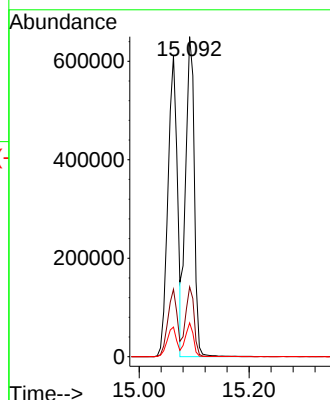
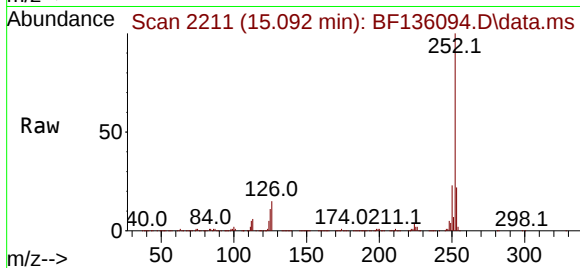
Tgt Ion:252 Resp: 716036

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.6 8.0 12.0



#90

Benzo(a)pyrene

Concen: 42.862 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

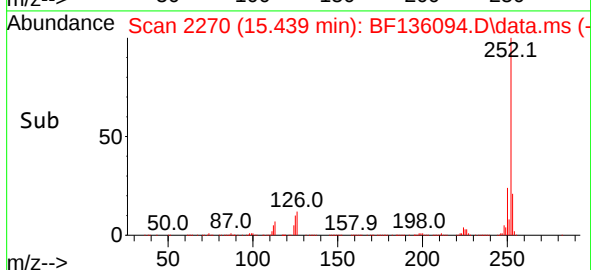
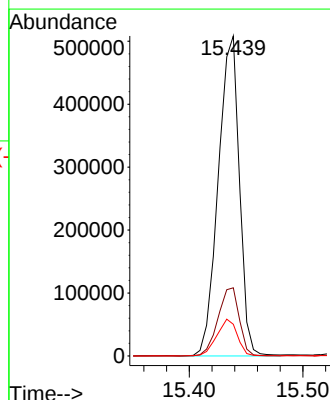
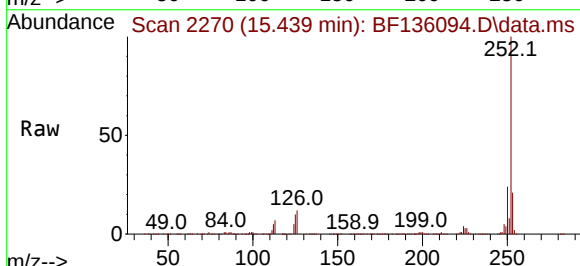
Tgt Ion:252 Resp: 658362

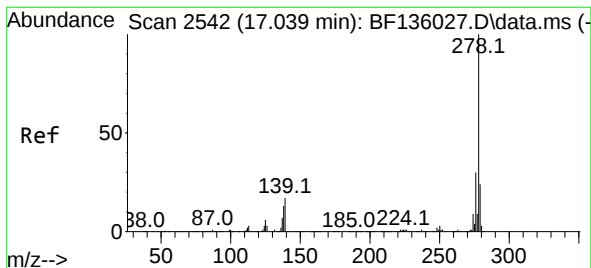
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 9.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 50.381 ng

RT: 17.045 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB156666BSD

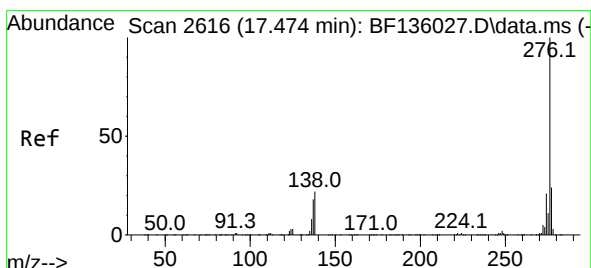
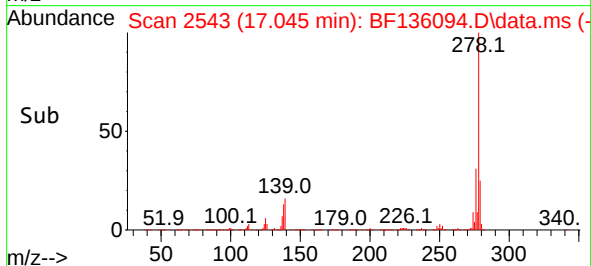
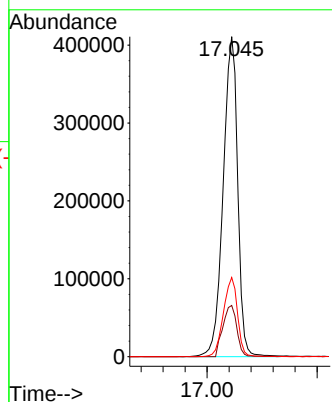
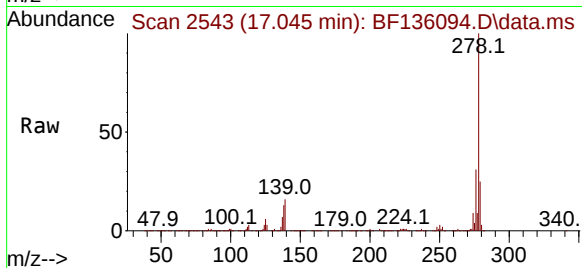
Tgt Ion:278 Resp: 753528

Ion Ratio Lower Upper

278 100

139 16.0 13.7 20.5

279 24.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 45.916 ng

RT: 17.480 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF136094.D

Acq: 02 Nov 2023 14:23

Tgt Ion:276 Resp: 779595

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 21.2 17.4 26.2

