

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
 Data File : BF141933.D
 Acq On : 12 Mar 2025 11:06
 Operator : RC/JU
 Sample : PB167089BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167089BS

Quant Time: Mar 12 11:53:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	148185	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	574643	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	321155	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	536443	20.000	ng	0.00
76) Chrysene-d12	14.039	240	372000	20.000	ng	0.00
86) Perylene-d12	15.509	264	338585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1226516	138.138	ng	0.02
7) Phenol-d6	6.504	99	1513999	133.926	ng	0.00
23) Nitrobenzene-d5	7.445	82	1010849	98.994	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	599334	147.102	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2070832	98.063	ng	0.00
79) Terphenyl-d14	12.986	244	2430925	96.613	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	163187	43.864	ng	99
3) Pyridine	3.510	79	374854	41.077	ng	100
4) n-Nitrosodimethylamine	3.451	42	193412	44.462	ng	100
6) Aniline	6.545	93	431458	38.689	ng	99
8) 2-Chlorophenol	6.663	128	454139	46.118	ng	100
9) Benzaldehyde	6.434	77	140555	22.231	ng	99
10) Phenol	6.522	94	530153	44.577	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	400639	44.863	ng	99
12) 1,3-Dichlorobenzene	6.822	146	488060	45.908	ng	99
13) 1,4-Dichlorobenzene	6.898	146	490575	45.607	ng	100
14) 1,2-Dichlorobenzene	7.051	146	470691	46.458	ng	99
15) Benzyl Alcohol	7.016	79	398351	43.587	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	465995	43.223	ng	100
17) 2-Methylphenol	7.128	107	358646	45.806	ng	99
18) Hexachloroethane	7.392	117	183301	45.443	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	309013	42.540	ng	99
20) 3+4-Methylphenols	7.281	107	451778	45.048	ng	# 90
22) Acetophenone	7.287	105	687250	49.941	ng	97
24) Nitrobenzene	7.463	77	467944	46.098	ng	99
25) Isophorone	7.698	82	850583	47.124	ng	99
26) 2-Nitrophenol	7.775	139	239671	48.106	ng	99
27) 2,4-Dimethylphenol	7.810	122	387374	56.466	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	501289	44.279	ng	99
29) 2,4-Dichlorophenol	8.016	162	385481	45.270	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	427516	45.558	ng	99
31) Naphthalene	8.186	128	1321235	44.760	ng	100
32) Benzoic acid	7.922	122	298627	49.520	ng	97
33) 4-Chloroaniline	8.228	127	206292	19.797	ng	99
34) Hexachlorobutadiene	8.298	225	284074	46.419	ng	99
35) Caprolactam	8.592	113	77458	29.837	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	418572	44.066	ng	100
37) 2-Methylnaphthalene	8.875	142	854174	43.292	ng	99
38) 1-Methylnaphthalene	8.975	142	827198	43.446	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	500018	51.138	ng	98
41) Hexachlorocyclopentadiene	9.028	237	664678	173.697	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	291035	45.544	ng	100

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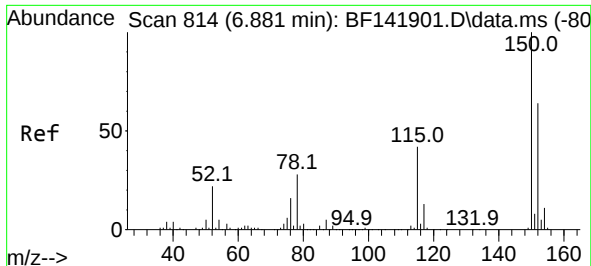
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	294986	45.578	ng	98
46) 1,1'-Biphenyl	9.339	154	1230333	50.420	ng	100
47) 2-Chloronaphthalene	9.363	162	838808	46.119	ng	99
48) 2-Nitroaniline	9.457	65	243037	46.151	ng	99
49) Acenaphthylene	9.780	152	1302110	48.244	ng	99
50) Dimethylphthalate	9.639	163	985182	43.806	ng	100
51) 2,6-Dinitrotoluene	9.698	165	215955	46.119	ng	95
52) Acenaphthene	9.951	154	963331	50.789	ng	99
53) 3-Nitroaniline	9.863	138	130937	27.567	ng	99
54) 2,4-Dinitrophenol	9.975	184	249881	92.778	ng	# 47
55) Dibenzofuran	10.122	168	1183906	43.683	ng	99
56) 4-Nitrophenol	10.022	139	358943	100.208	ng	99
57) 2,4-Dinitrotoluene	10.104	165	295215	48.270	ng	98
58) Fluorene	10.469	166	938488	44.903	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	263211	44.693	ng	98
60) Diethylphthalate	10.339	149	956472	42.652	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	485785	44.582	ng	97
62) 4-Nitroaniline	10.480	138	210817	45.589	ng	99
63) Azobenzene	10.616	77	887870	42.586	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	158758	49.643	ng	97
66) n-Nitrosodiphenylamine	10.575	169	801999	46.199	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	306016	45.422	ng	99
68) Hexachlorobenzene	11.016	284	349522	47.303	ng	95
69) Atrazine	11.104	200	321762	60.462	ng	99
70) Pentachlorophenol	11.204	266	442905	97.286	ng	100
71) Phenanthrene	11.427	178	1358818	46.896	ng	99
72) Anthracene	11.480	178	1397984	48.091	ng	100
73) Carbazole	11.633	167	1169195	46.637	ng	100
74) Di-n-butylphthalate	11.963	149	1444680	43.430	ng	100
75) Fluoranthene	12.616	202	1382763	44.989	ng	100
77) Benzidine	12.733	184	476569	91.823	ng	99
78) Pyrene	12.845	202	1389481	43.181	ng	99
80) Butylbenzylphthalate	13.463	149	545094	43.280	ng	99
81) Benzo(a)anthracene	14.027	228	1168294	47.860	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	198547	28.145	ng	99
83) Chrysene	14.068	228	1023528	46.256	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	740231	42.627	ng	99
85) Di-n-octyl phthalate	14.633	149	1140036	47.183	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	1166022	53.237	ng	99
88) Benzo(b)fluoranthene	15.080	252	1052581	45.360	ng	100
89) Benzo(k)fluoranthene	15.110	252	863670	43.492	ng	100
90) Benzo(a)pyrene	15.451	252	901397	49.644	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	959924	53.119	ng	100
92) Benzo(g,h,i)perylene	17.456	276	911236	51.026	ng	98

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

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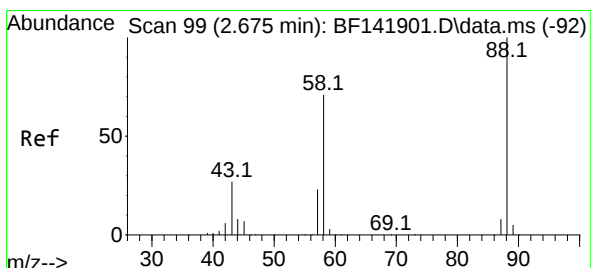
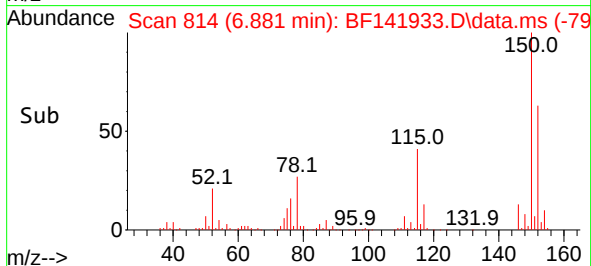
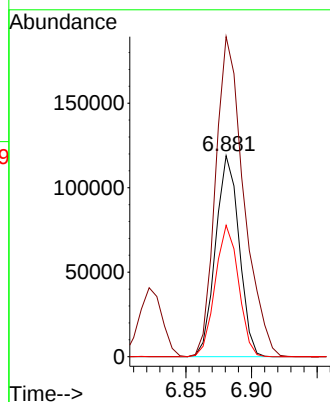
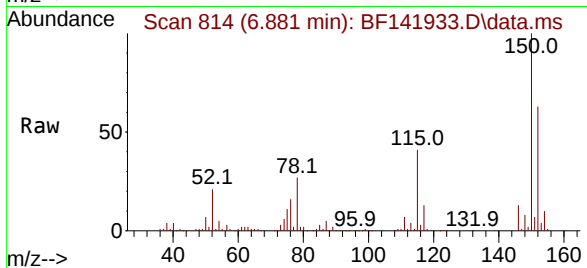




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141933.D
 Acq: 12 Mar 2025 11:06

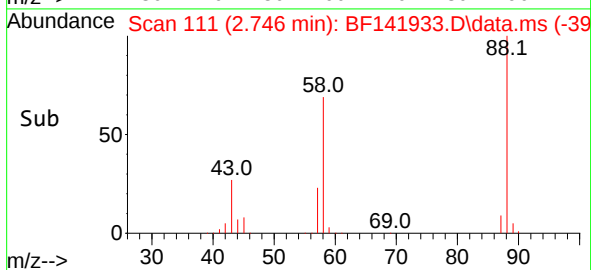
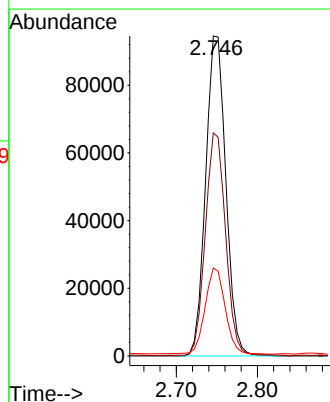
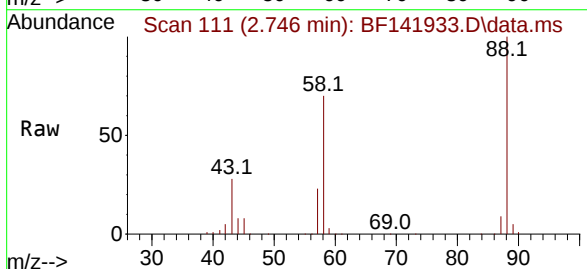
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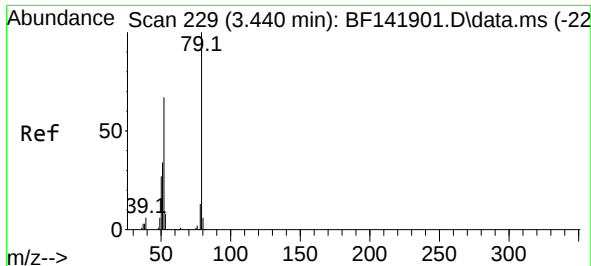
Tgt Ion:152 Resp: 148185
 Ion Ratio Lower Upper
 152 100
 150 159.2 127.4 191.2
 115 65.4 51.9 77.9



#2
 1,4-Dioxane
 Concen: 43.864 ng
 RT: 2.746 min Scan# 111
 Delta R.T. 0.071 min
 Lab File: BF141933.D
 Acq: 12 Mar 2025 11:06

Tgt Ion: 88 Resp: 163187
 Ion Ratio Lower Upper
 88 100
 58 70.6 57.4 86.2
 43 26.8 21.5 32.3

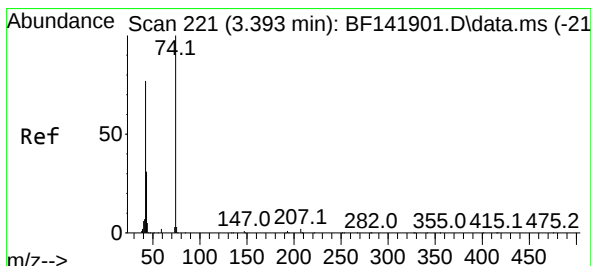
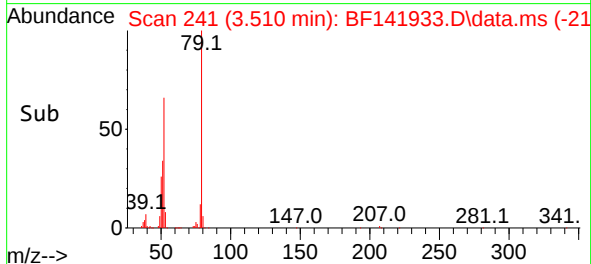
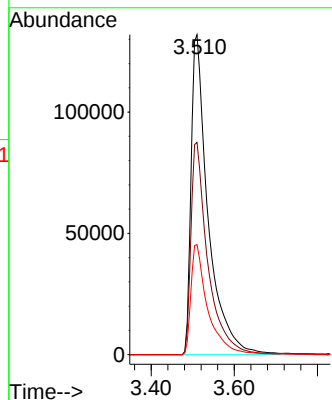
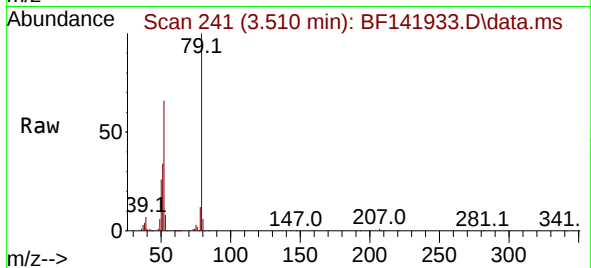




#3
 Pyridine
 Concen: 41.077 ng
 RT: 3.510 min Scan# 241
 Delta R.T. 0.071 min
 Lab File: BF141933.D
 Acq: 12 Mar 2025 11:06

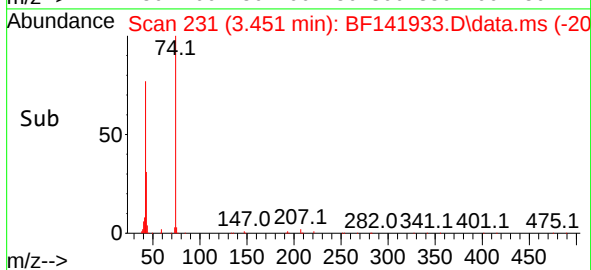
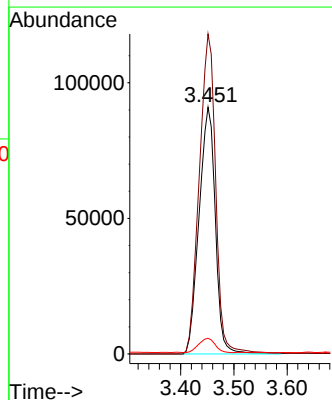
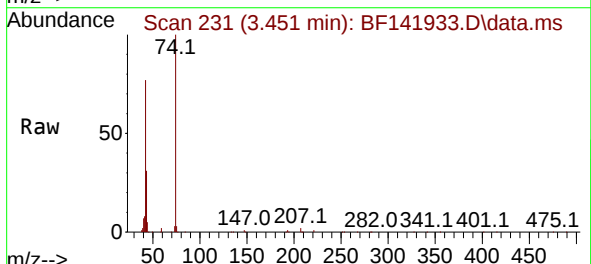
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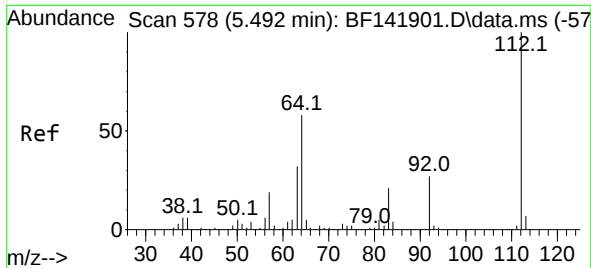
Tgt Ion: 79 Resp: 374854
 Ion Ratio Lower Upper
 79 100
 52 66.3 53.3 79.9
 51 34.4 27.6 41.4



#4
 n-Nitrosodimethylamine
 Concen: 44.462 ng
 RT: 3.451 min Scan# 231
 Delta R.T. 0.059 min
 Lab File: BF141933.D
 Acq: 12 Mar 2025 11:06

Tgt Ion: 42 Resp: 193412
 Ion Ratio Lower Upper
 42 100
 74 129.7 103.4 155.0
 44 6.3 5.0 7.4

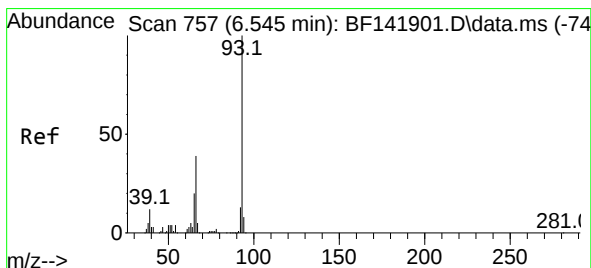
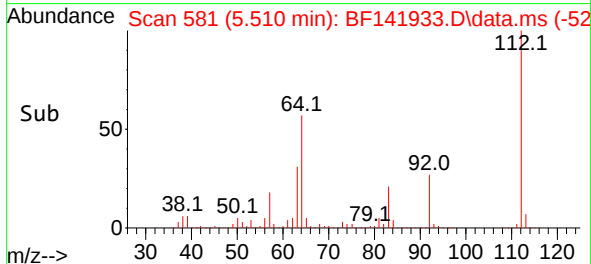
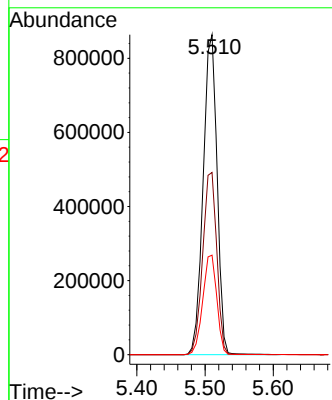
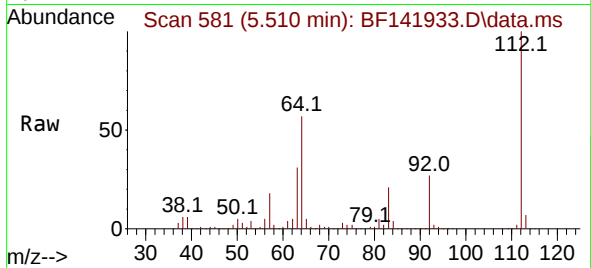




#5
2-Fluorophenol
Concen: 138.138 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

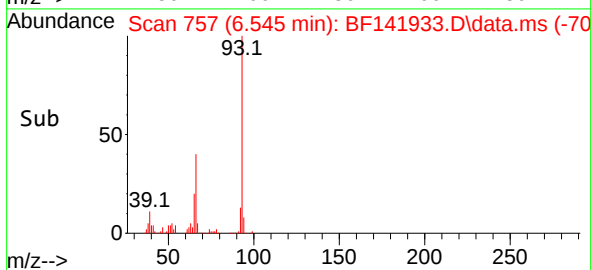
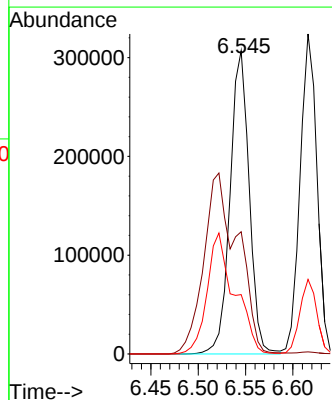
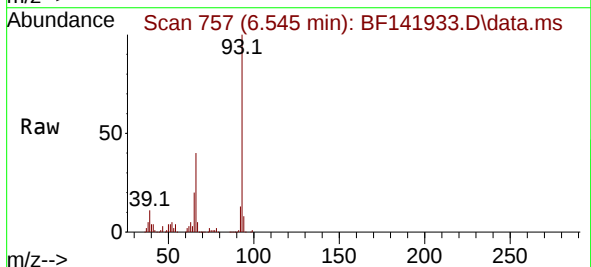
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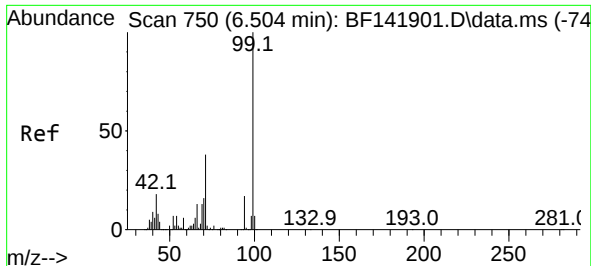
Tgt Ion:112 Resp: 1226516
Ion Ratio Lower Upper
112 100
64 57.0 46.5 69.7
63 31.1 25.4 38.2



#6
Aniline
Concen: 38.689 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 93 Resp: 431458
Ion Ratio Lower Upper
93 100
66 40.3 31.9 47.9
65 19.6 15.8 23.6

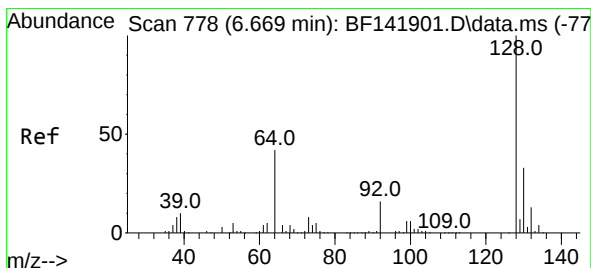
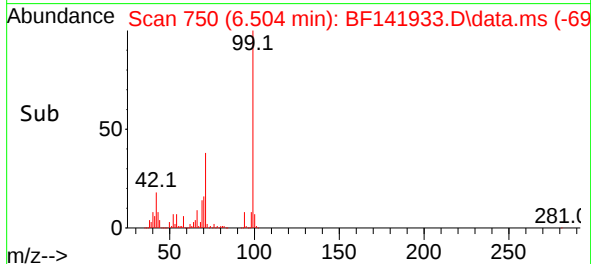
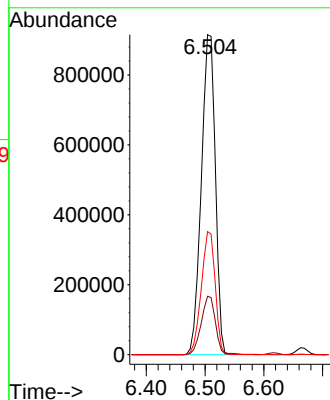
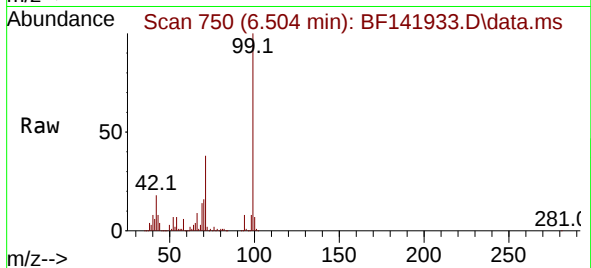




#7
Phenol-d6
Concen: 133.926 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

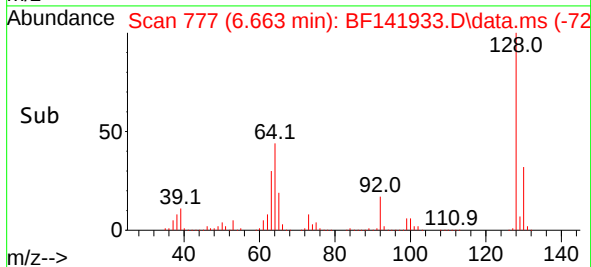
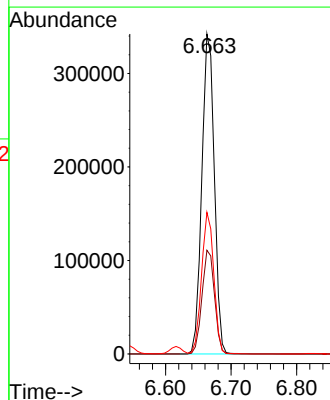
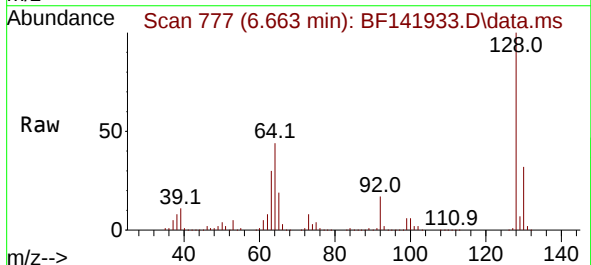
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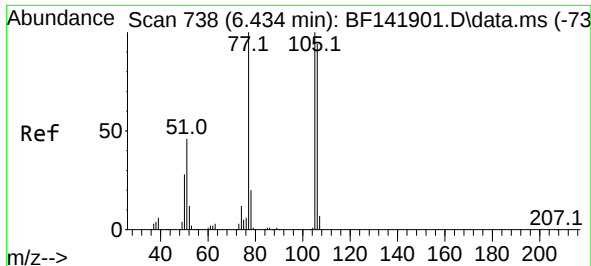
Tgt Ion: 99 Resp: 1513999
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 38.5 30.8 46.2



#8
2-Chlorophenol
Concen: 46.118 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:128 Resp: 454139
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 44.2 24.4 64.4

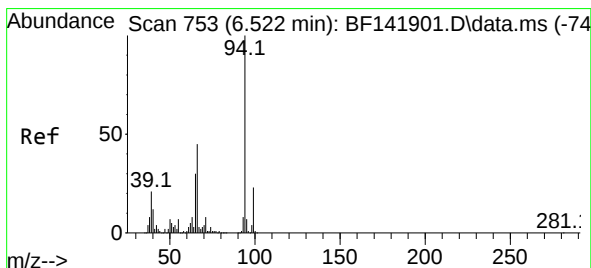
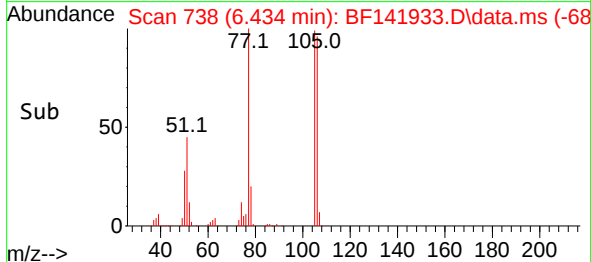
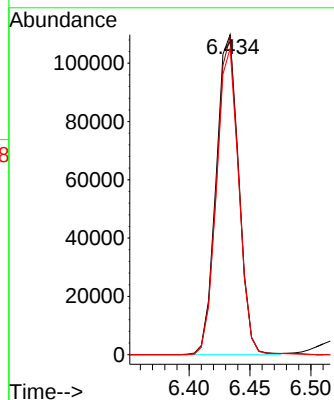
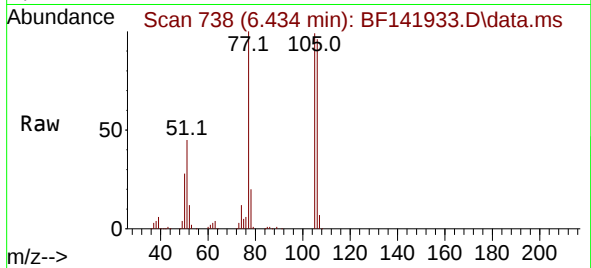




#9
Benzaldehyde
Concen: 22.231 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141933.D
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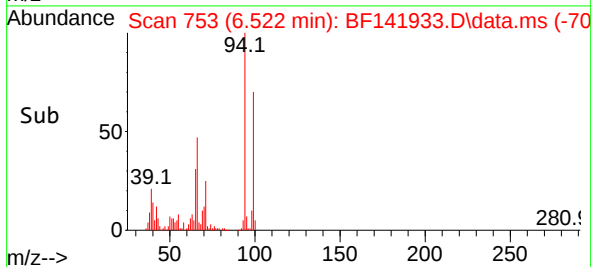
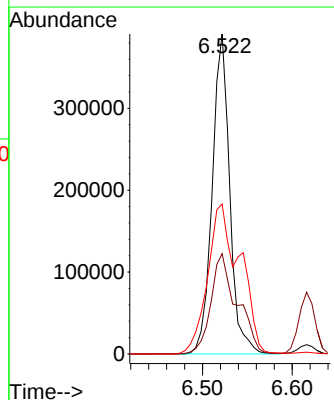
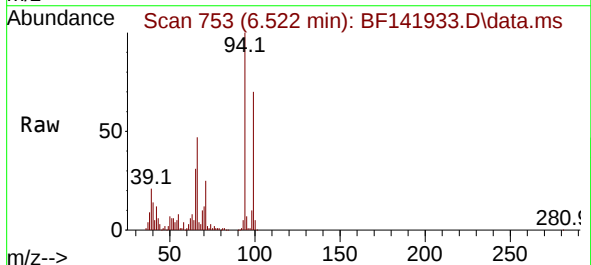
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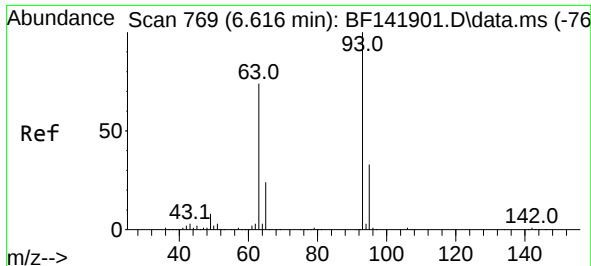
Tgt Ion: 77 Resp: 140555
Ion Ratio Lower Upper
77 100
105 99.4 80.0 120.0
106 95.7 74.5 114.5



#10
Phenol
Concen: 44.577 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 94 Resp: 530153
Ion Ratio Lower Upper
94 100
65 31.3 10.5 50.5
66 46.8 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 44.863 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167089BS

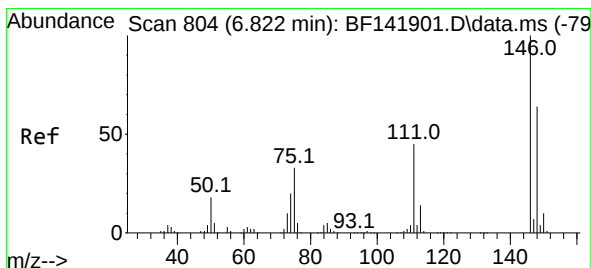
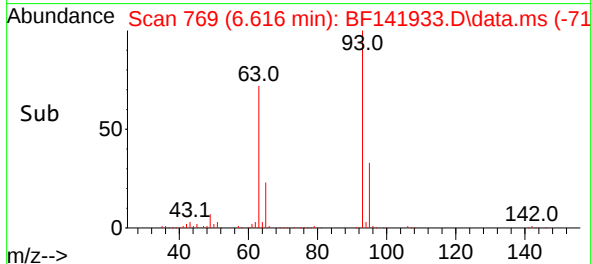
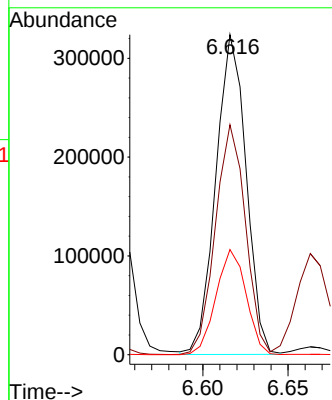
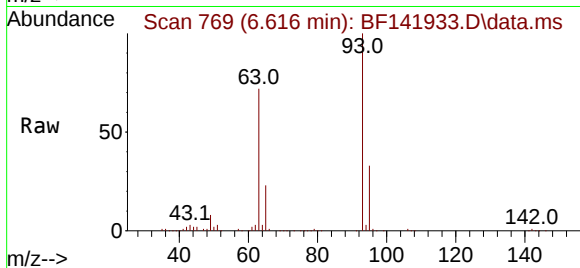
Tgt Ion: 93 Resp: 400639

Ion Ratio Lower Upper

93 100

63 71.9 53.0 93.0

95 32.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 45.908 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

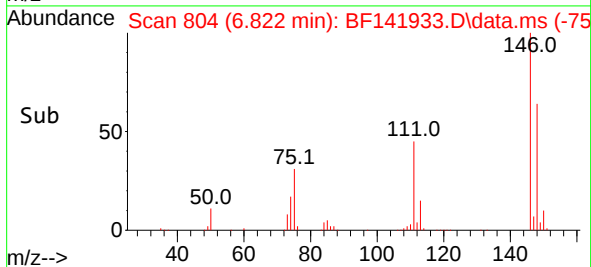
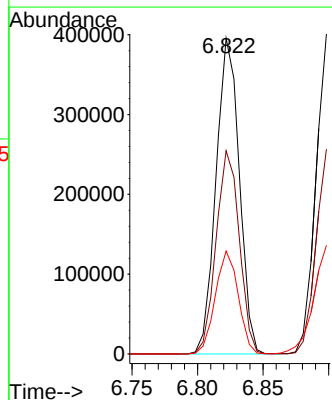
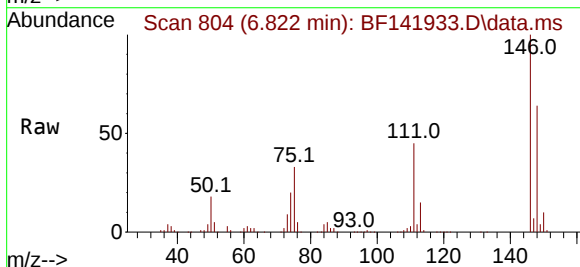
Tgt Ion: 146 Resp: 488060

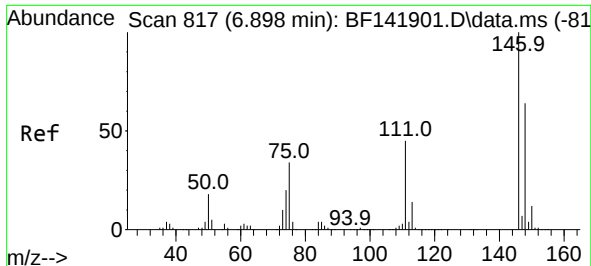
Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

75 32.5 26.6 40.0

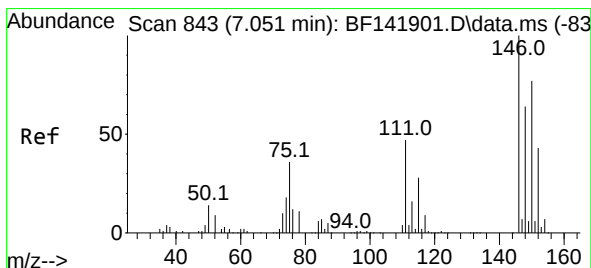
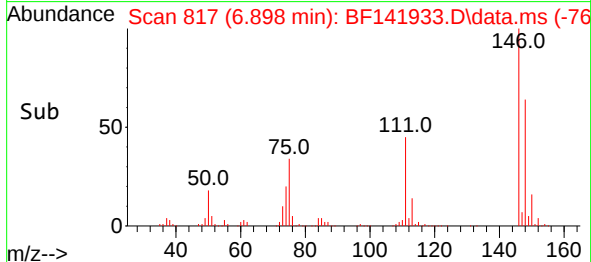
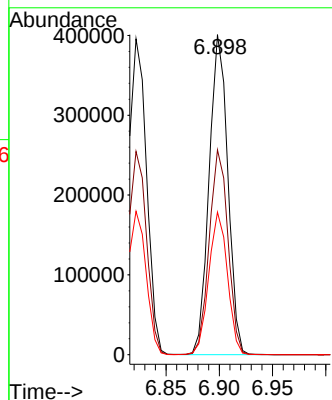
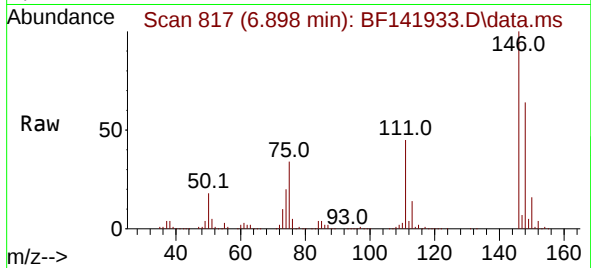




#13
1,4-Dichlorobenzene
Concen: 45.607 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

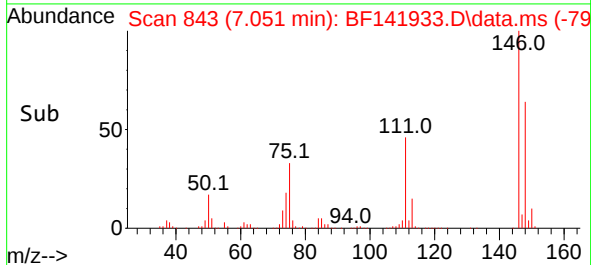
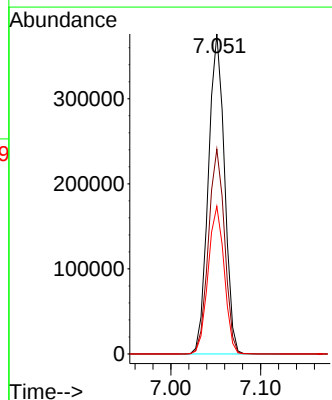
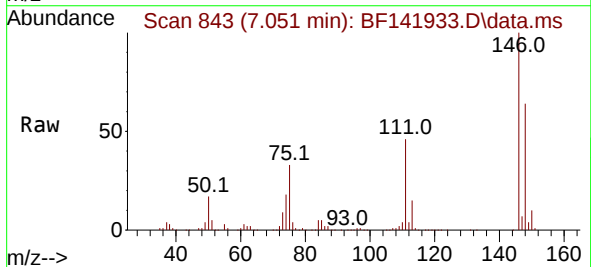
Instrument :
BNA_F
ClientSampleId :
PB167089BS

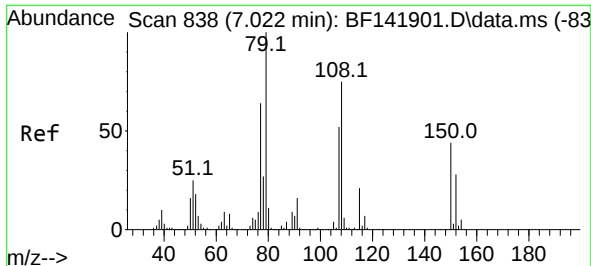
Tgt Ion:146 Resp: 490575
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 44.5 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 46.458 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:146 Resp: 470691
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 46.1 38.0 57.0

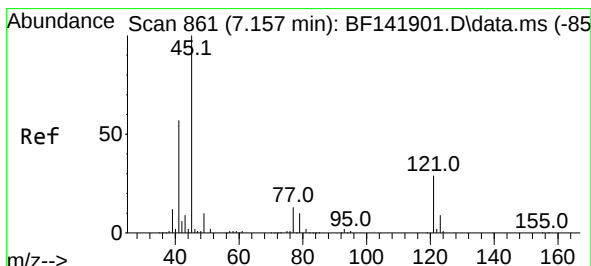
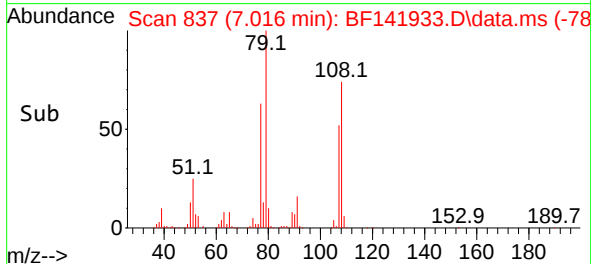
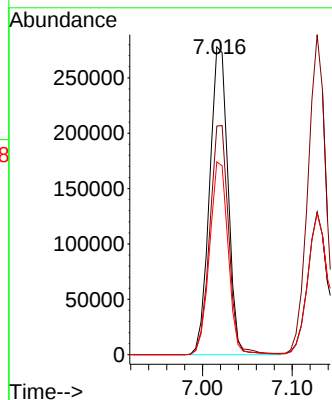
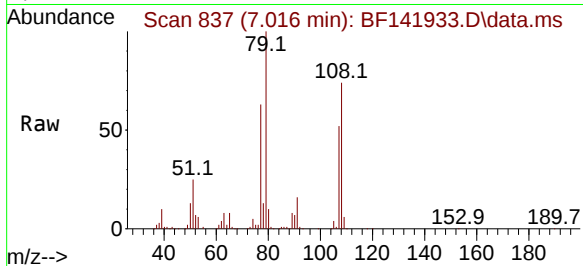




#15
Benzyl Alcohol
Concen: 43.587 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

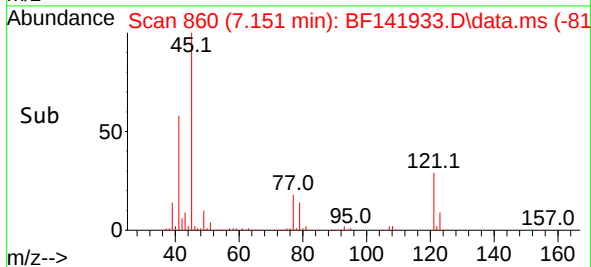
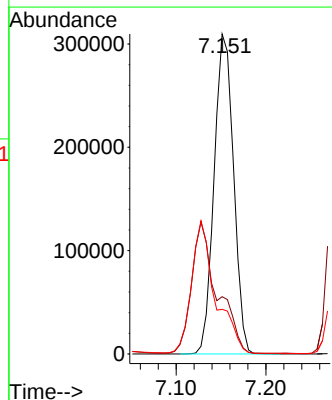
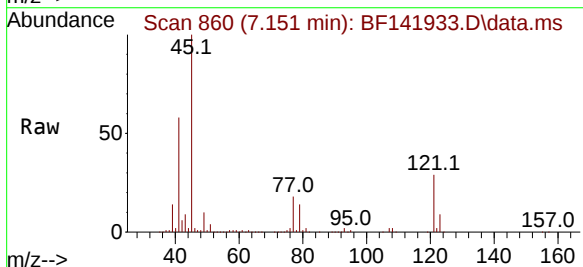
Instrument :
BNA_F
ClientSampleId :
PB167089BS

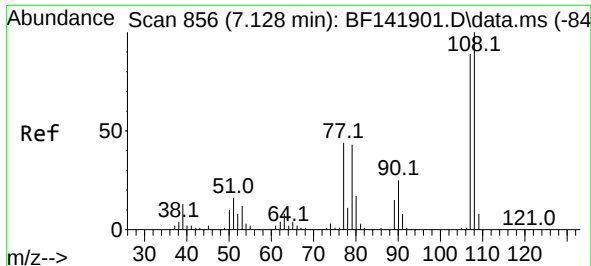
Tgt Ion: 79 Resp: 398351
Ion Ratio Lower Upper
79 100
108 74.2 59.7 89.5
77 62.6 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.223 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 45 Resp: 465995
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.8
79 14.0 0.0 34.2

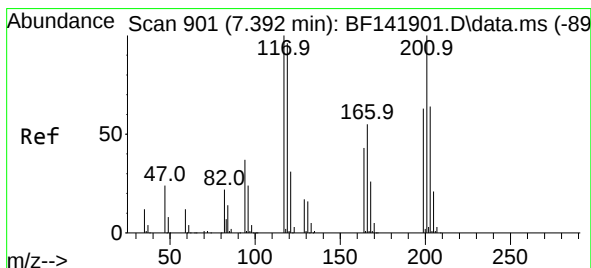
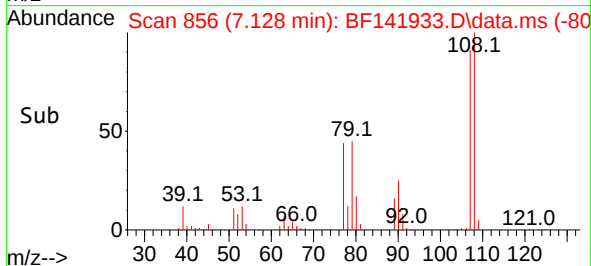
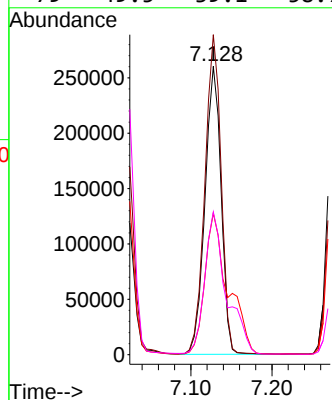
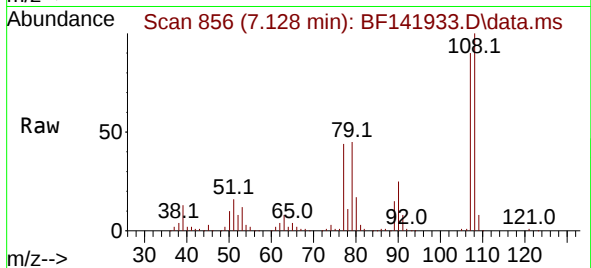




#17
2-Methylphenol
Concen: 45.806 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

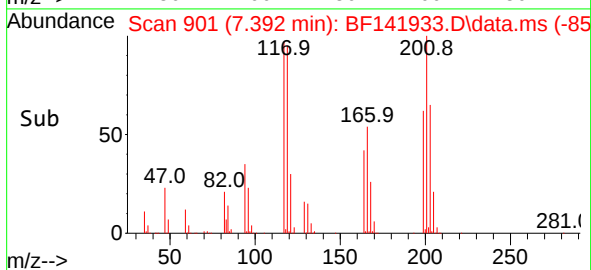
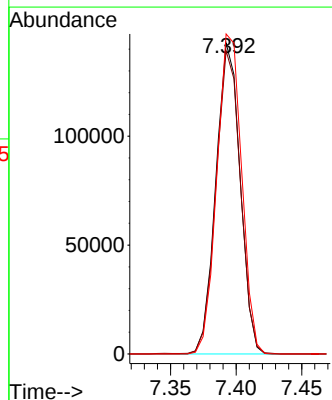
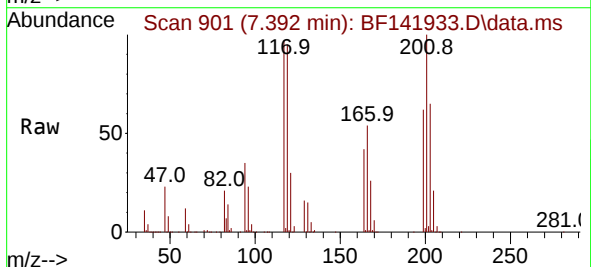
Instrument :
BNA_F
ClientSampleId :
PB167089BS

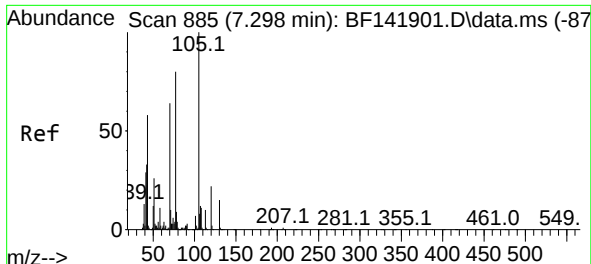
Tgt Ion:	107	Resp:	358646
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.2	135.2
77	49.0	39.6	59.4
79	49.5	39.1	58.7



#18
Hexachloroethane
Concen: 45.443 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:	117	Resp:	183301
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.9	115.3
201	102.9	79.9	119.9

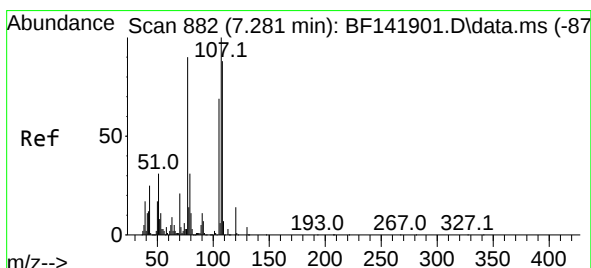
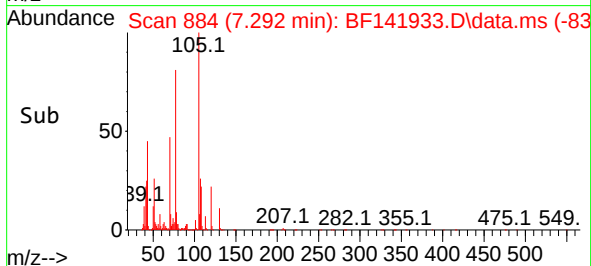
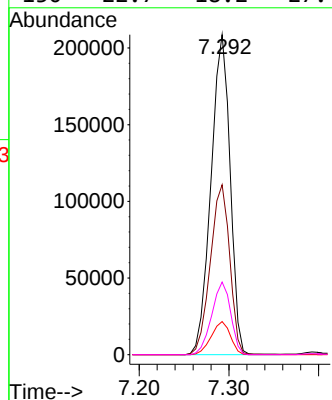
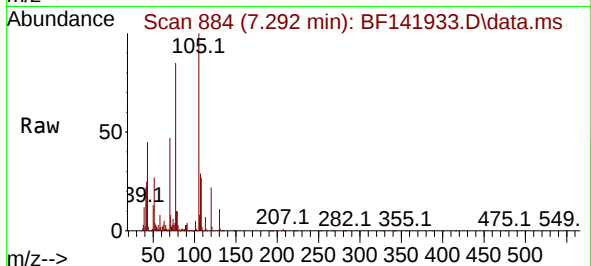




#19
n-Nitroso-di-n-propylamine
Concen: 42.540 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

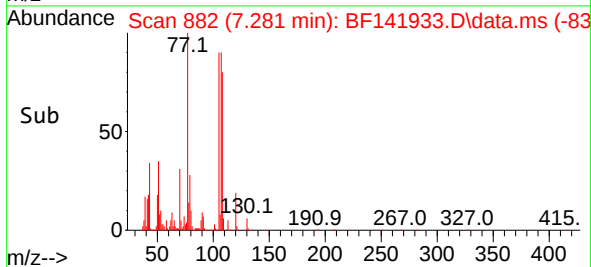
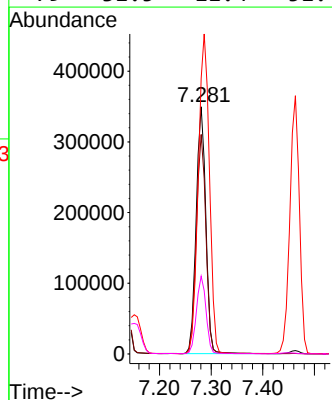
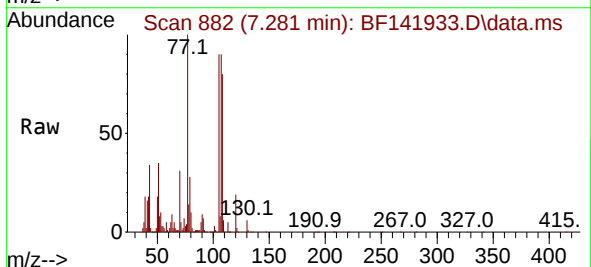
Instrument :
BNA_F
ClientSampleId :
PB167089BS

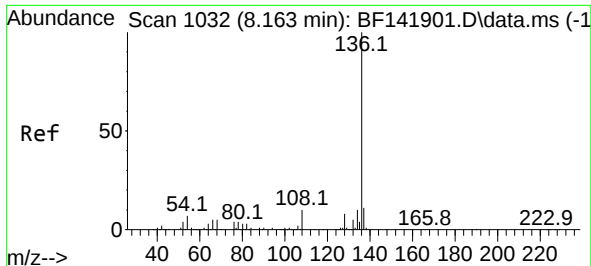
Tgt Ion: 70 Resp: 309013
Ion Ratio Lower Upper
70 100
42 53.1 41.4 62.0
101 10.4 8.2 12.2
130 22.7 18.2 27.4



#20
3+4-Methylphenols
Concen: 45.048 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:107 Resp: 451778
Ion Ratio Lower Upper
107 100
108 88.8 68.4 108.4
77 111.4 69.7 109.7#
79 31.5 11.4 51.4

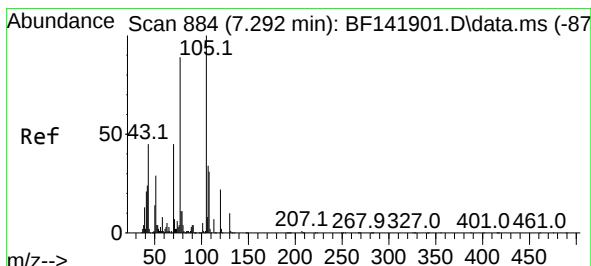
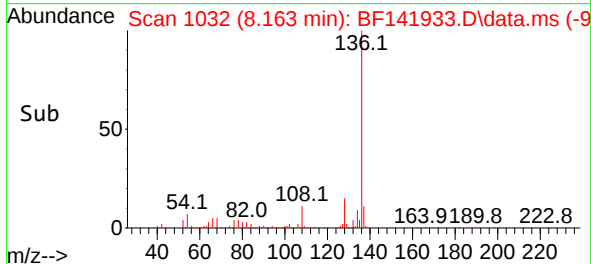
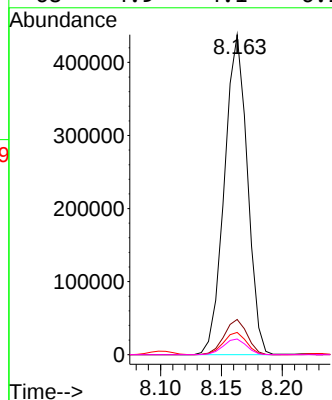
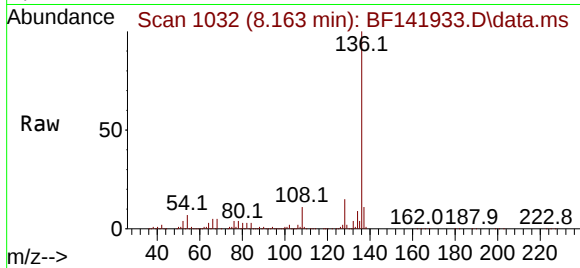




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

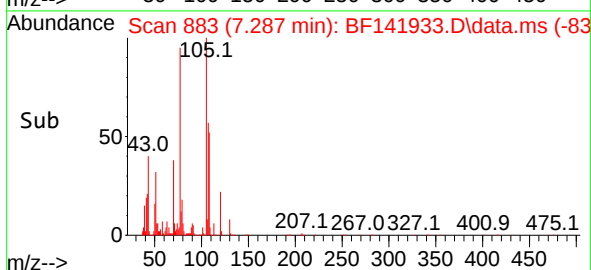
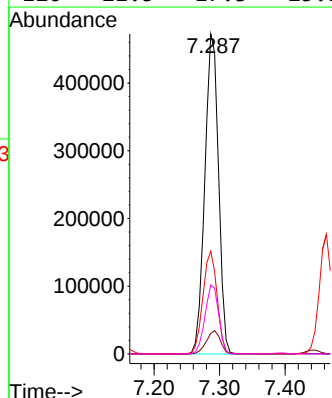
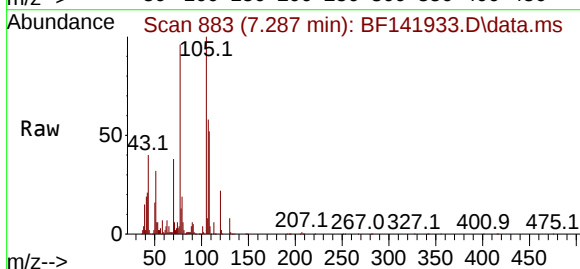
Instrument :
BNA_F
ClientSampleId :
PB167089BS

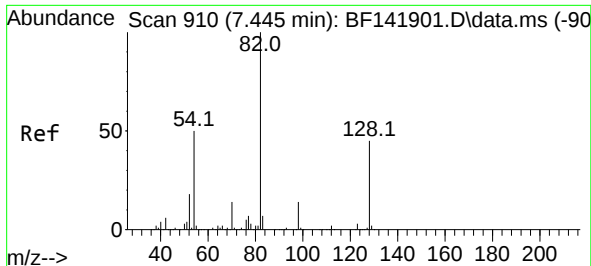
Tgt Ion:	136	Resp:	574643
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.8	8.8
68	4.9	4.1	6.1



#22
Acetophenone
Concen: 49.941 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:	105	Resp:	687250
Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.8	8.8
51	32.1	23.4	35.0
120	21.5	17.3	25.9





#23

Nitrobenzene-d5

Concen: 98.994 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167089BS

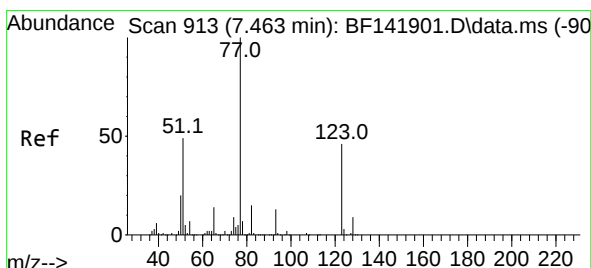
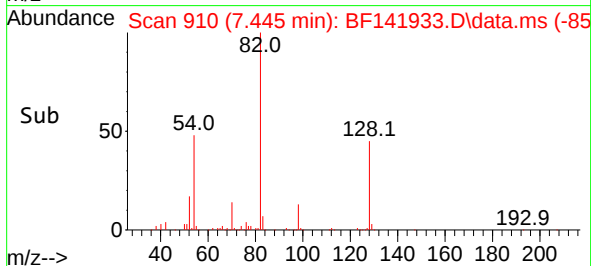
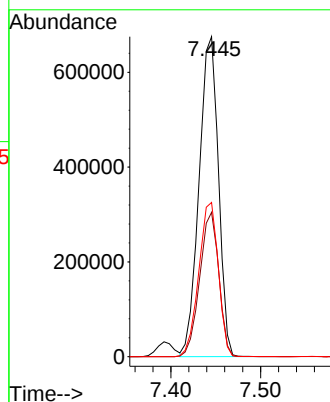
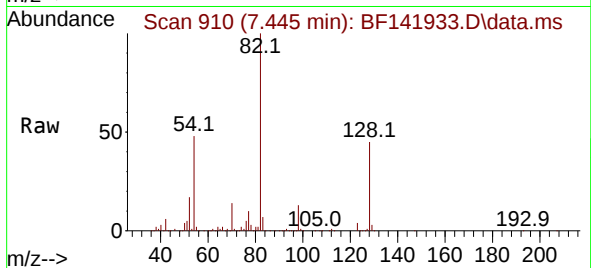
Tgt Ion: 82 Resp: 1010849

Ion Ratio Lower Upper

82 100

128 45.1 36.0 54.0

54 48.2 39.6 59.4



#24

Nitrobenzene

Concen: 46.098 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

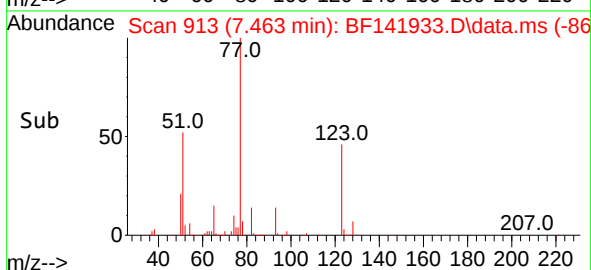
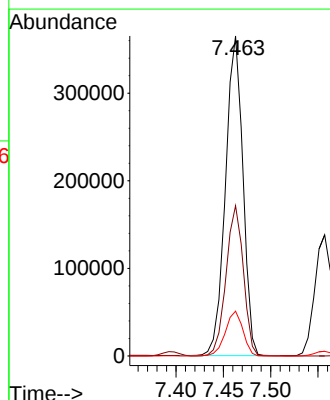
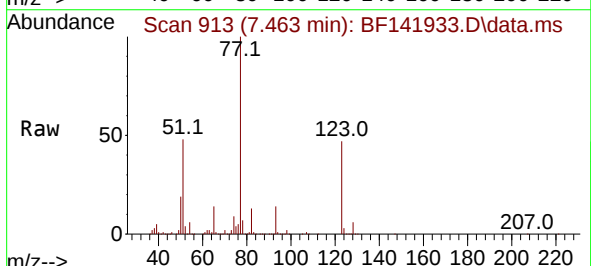
Tgt Ion: 77 Resp: 467944

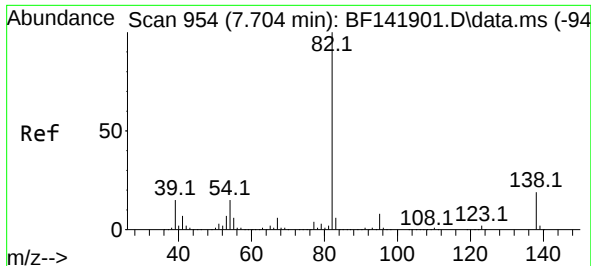
Ion Ratio Lower Upper

77 100

123 47.0 37.0 55.4

65 14.0 11.3 16.9

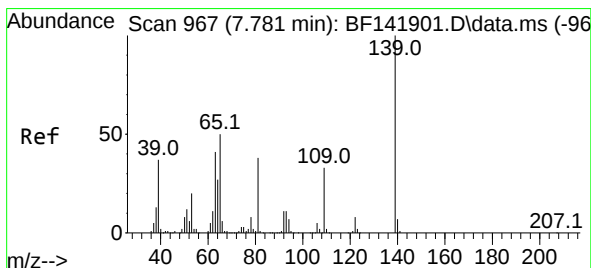
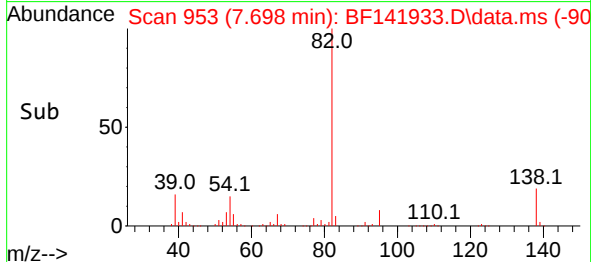
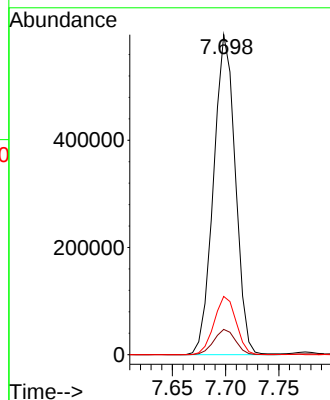
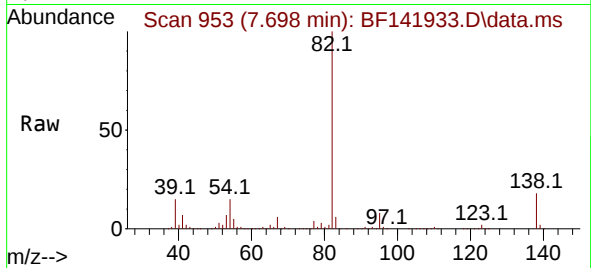




#25
Isophorone
Concen: 47.124 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

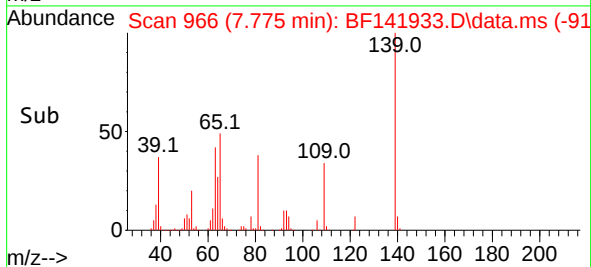
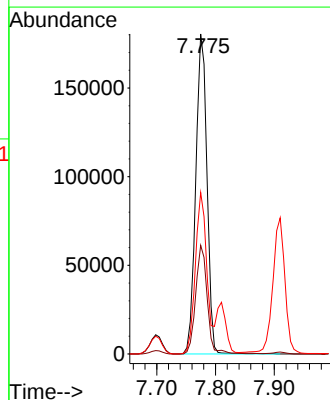
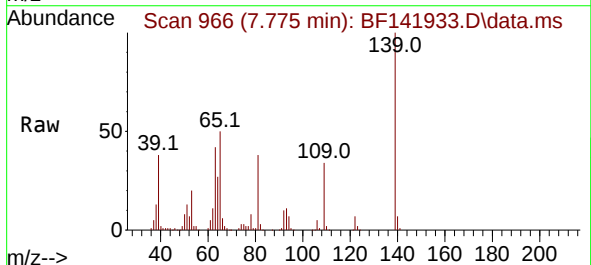
Instrument :
BNA_F
ClientSampleId :
PB167089BS

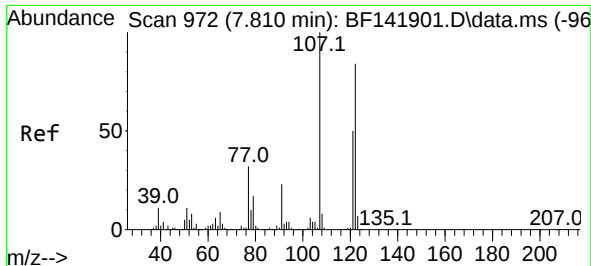
Tgt Ion: 82 Resp: 850583
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 48.106 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:139 Resp: 239671
Ion Ratio Lower Upper
139 100
109 34.0 26.5 39.7
65 50.4 40.3 60.5

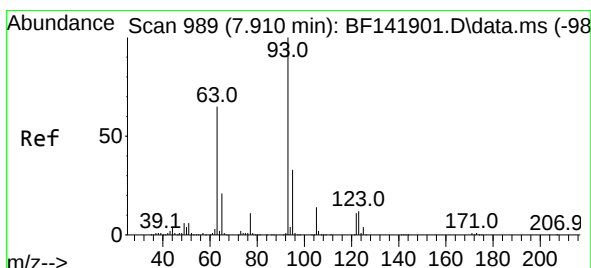
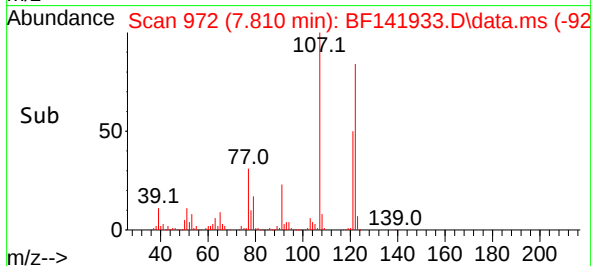
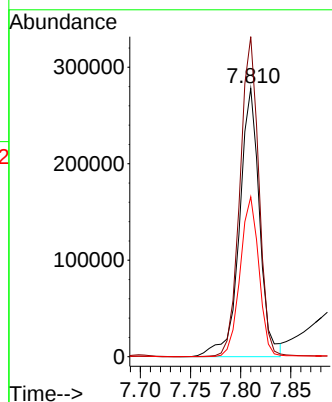
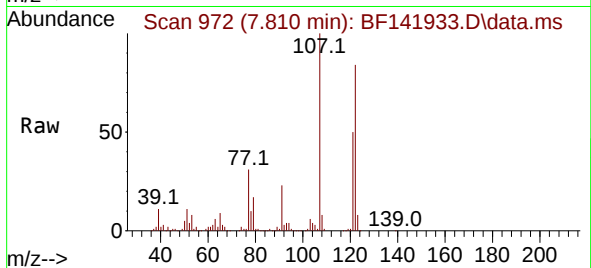




#27
2,4-Dimethylphenol
Concen: 56.466 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

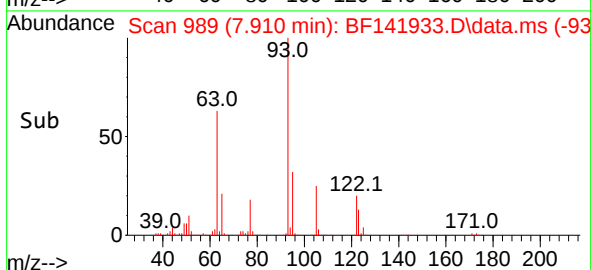
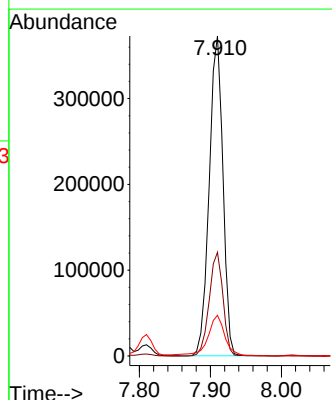
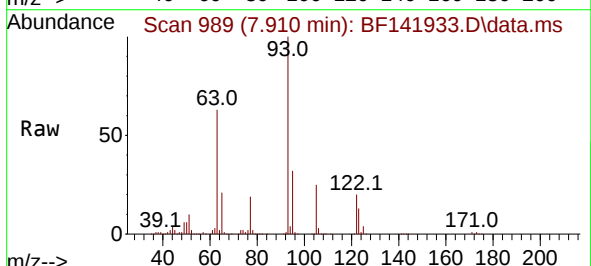
Instrument :
BNA_F
ClientSampleId :
PB167089BS

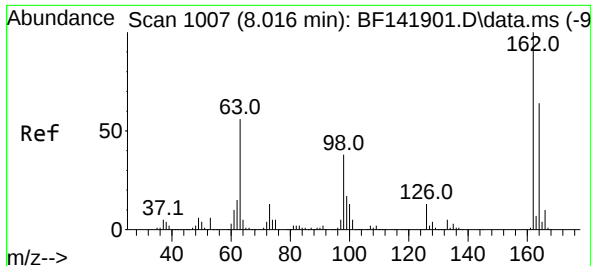
Tgt Ion:122 Resp: 387374
Ion Ratio Lower Upper
122 100
107 119.2 94.8 142.2
121 59.6 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.279 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 93 Resp: 501289
Ion Ratio Lower Upper
93 100
95 32.4 26.6 40.0
123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 45.270 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167089BS

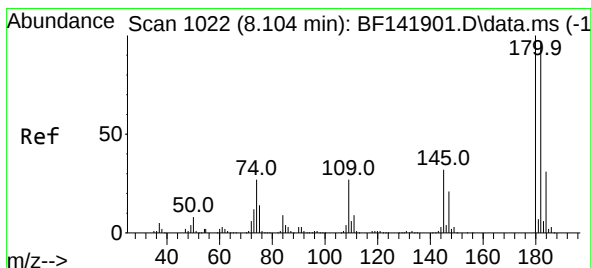
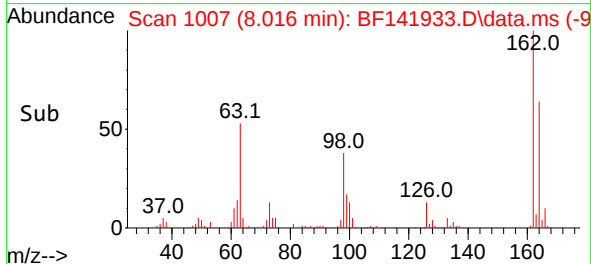
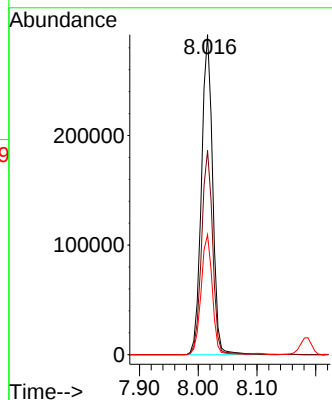
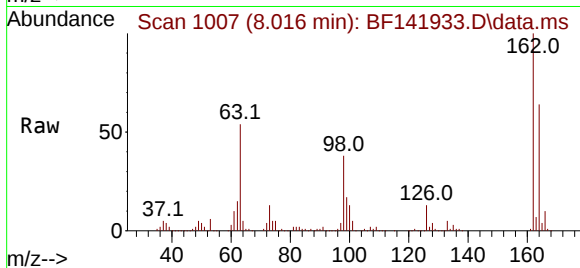
Tgt Ion:162 Resp: 385481

Ion Ratio Lower Upper

162 100

164 63.8 43.8 83.8

98 37.5 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 45.558 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

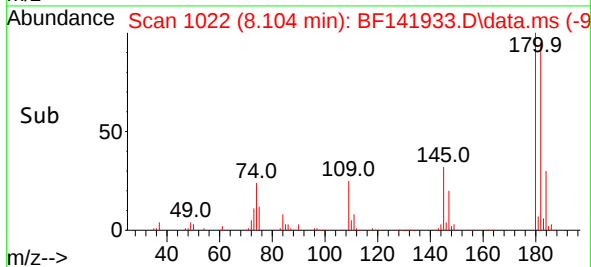
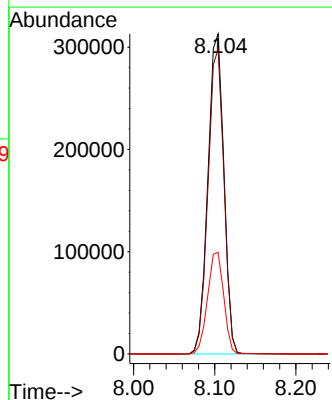
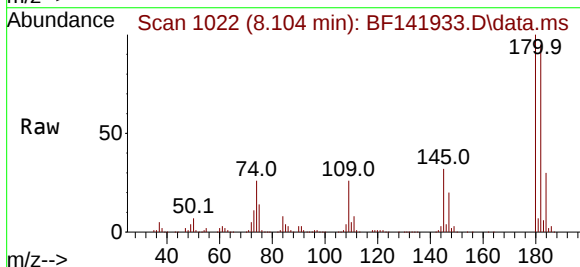
Tgt Ion:180 Resp: 427516

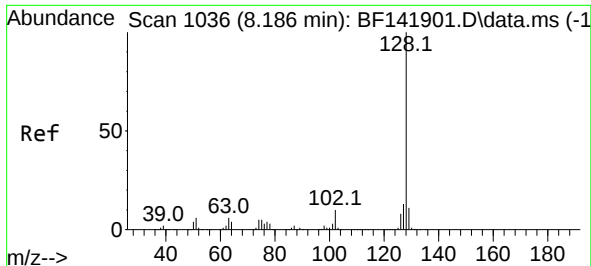
Ion Ratio Lower Upper

180 100

182 95.3 77.5 116.3

145 31.8 25.8 38.6

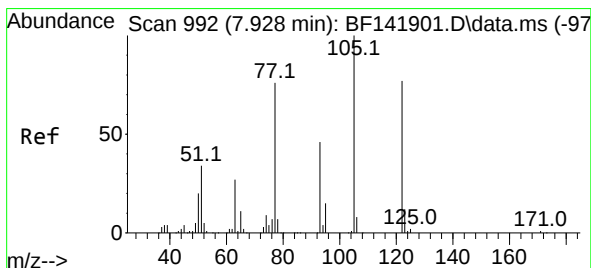
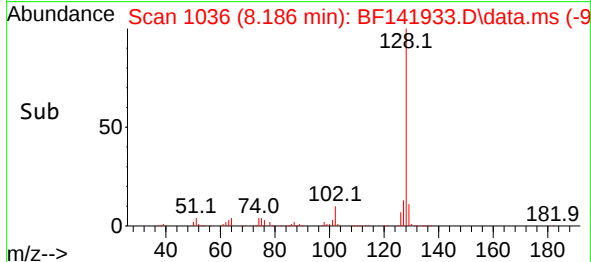
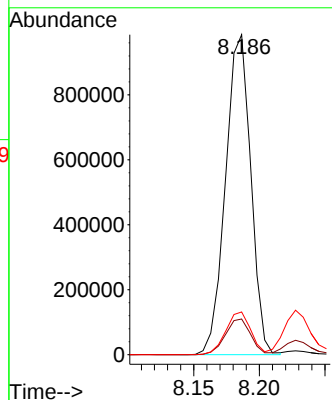
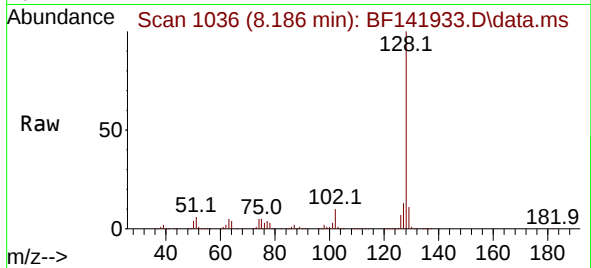




#31
Naphthalene
Concen: 44.760 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

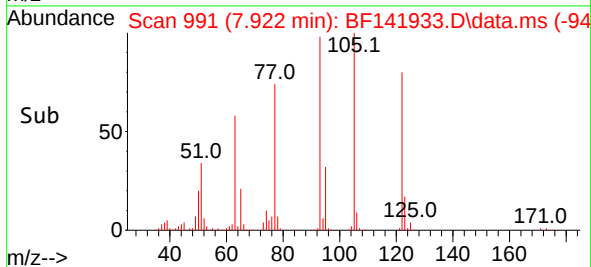
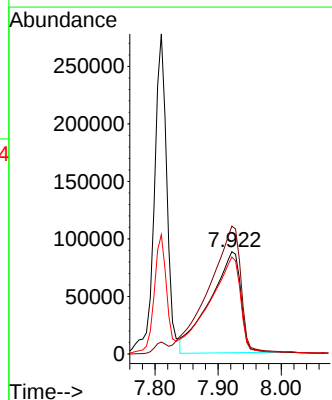
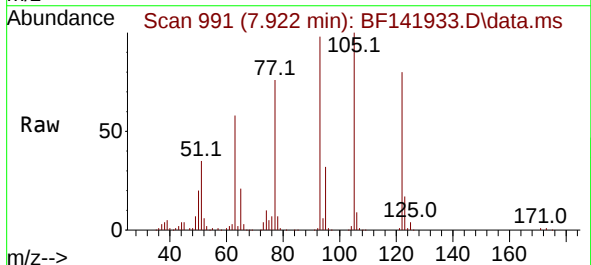
Instrument :
BNA_F
ClientSampleId :
PB167089BS

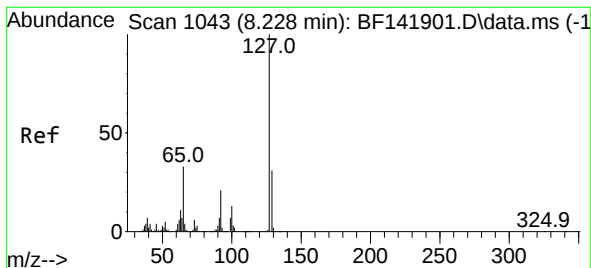
Tgt Ion:128 Resp: 1321235
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 49.520 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:122 Resp: 298627
Ion Ratio Lower Upper
122 100
105 125.0 107.9 147.9
77 94.9 79.0 119.0





#33

4-Chloroaniline

Concen: 19.797 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167089BS

Tgt Ion:127 Resp: 206292

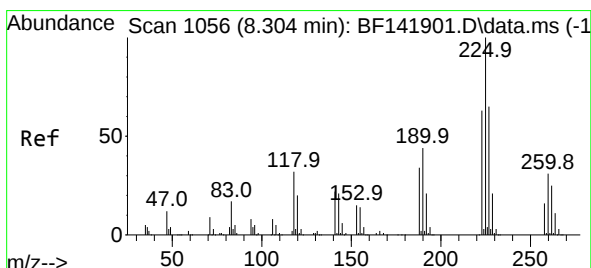
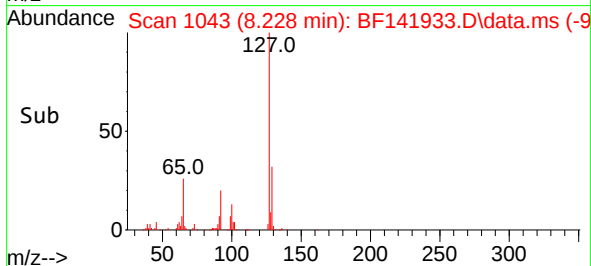
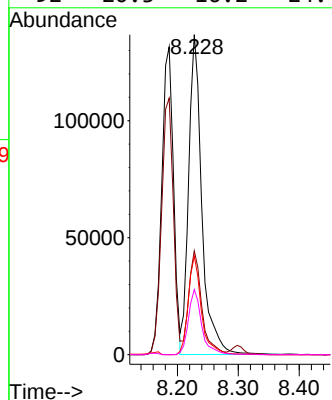
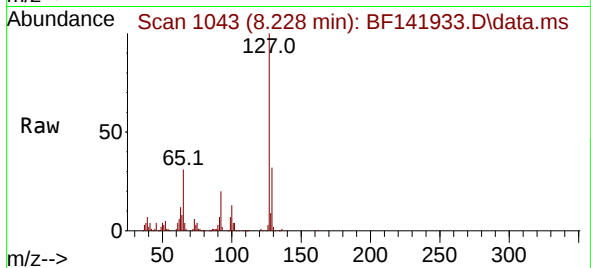
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.4

65 30.8 25.4 38.2

92 20.3 16.2 24.4



#34

Hexachlorobutadiene

Concen: 46.419 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

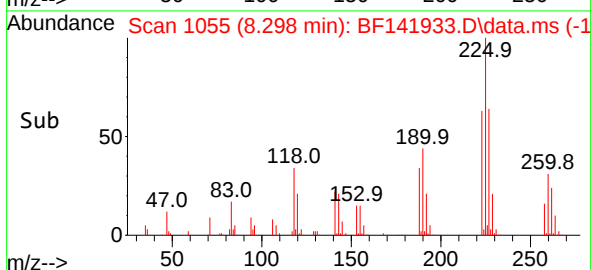
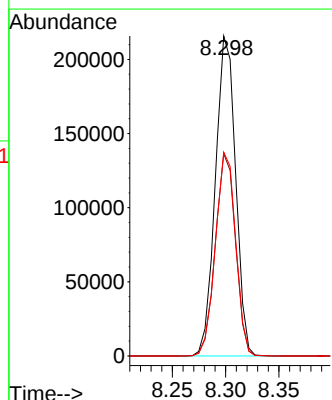
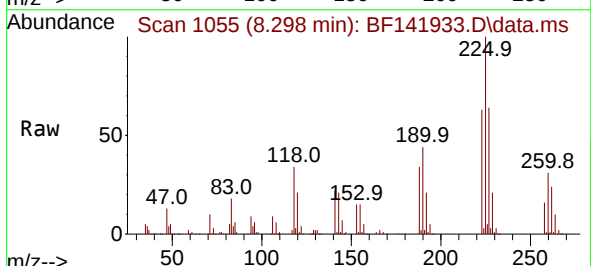
Tgt Ion:225 Resp: 284074

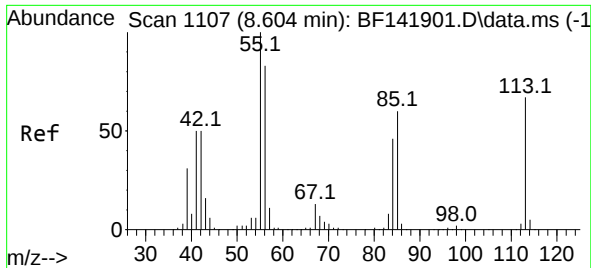
Ion Ratio Lower Upper

225 100

223 63.2 50.6 75.8

227 63.7 52.2 78.2

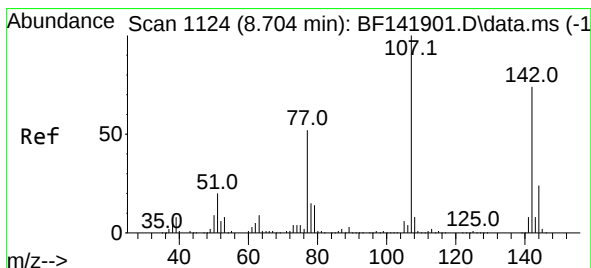
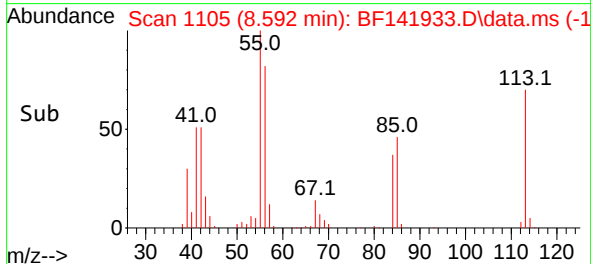
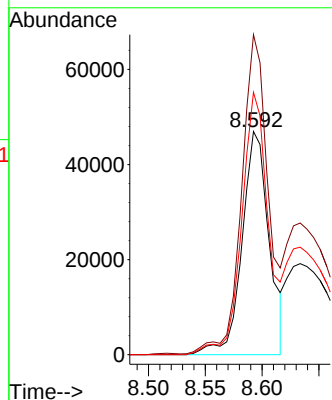
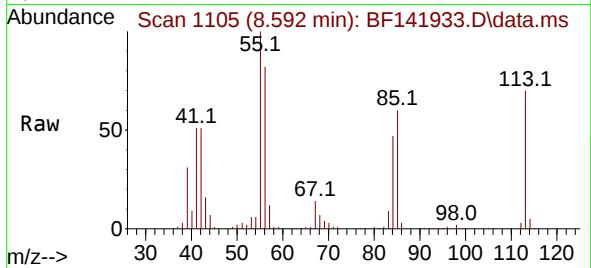




#35
Caprolactam
Concen: 29.837 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

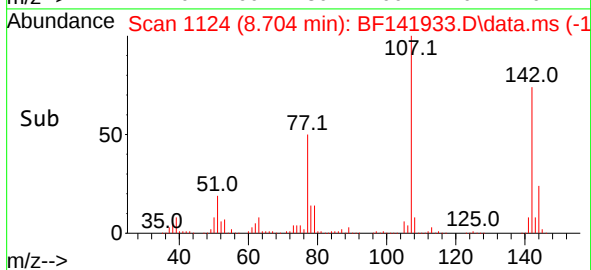
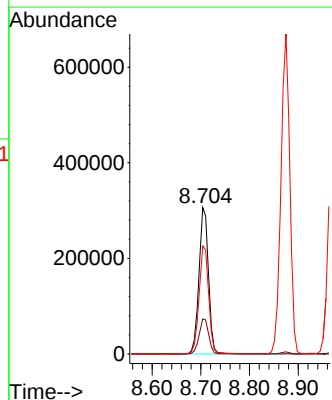
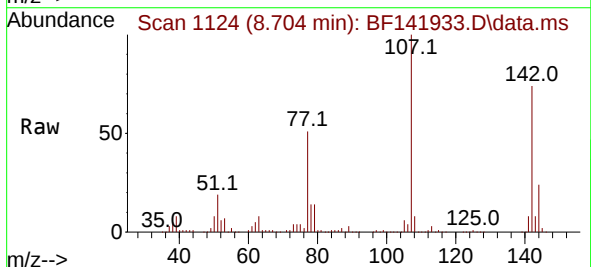
Instrument :
BNA_F
ClientSampleId :
PB167089BS

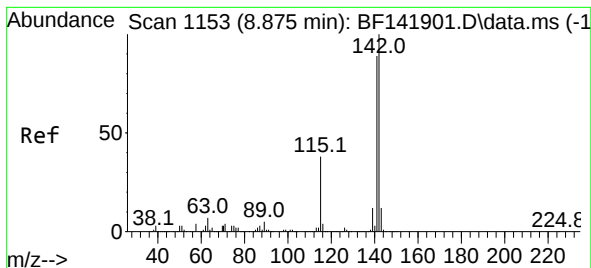
Tgt Ion:113 Resp: 77458
Ion Ratio Lower Upper
113 100
55 143.4 129.6 169.6
56 117.6 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 44.066 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:107 Resp: 418572
Ion Ratio Lower Upper
107 100
144 23.9 19.0 28.6
142 73.8 59.2 88.8





#37

2-Methylnaphthalene

Concen: 43.292 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

Instrument :

BNA_F

ClientSampleId :

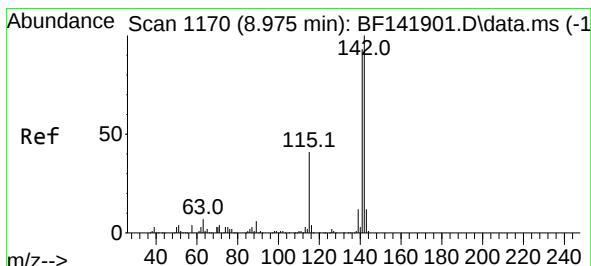
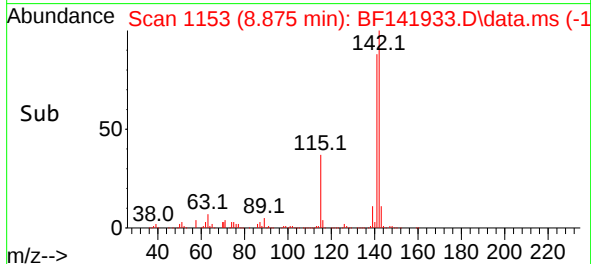
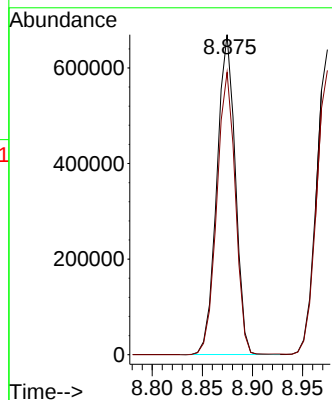
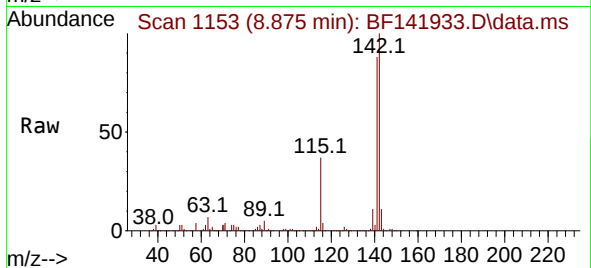
PB167089BS

Tgt Ion:142 Resp: 854174

Ion Ratio Lower Upper

142 100

141 88.3 71.2 106.8



#38

1-Methylnaphthalene

Concen: 43.446 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141933.D

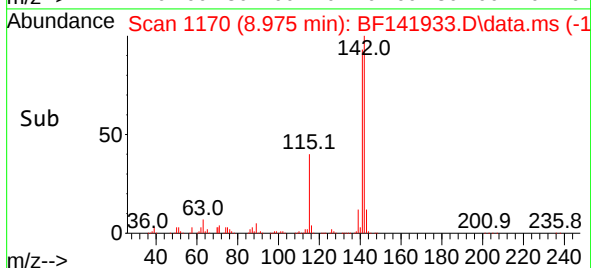
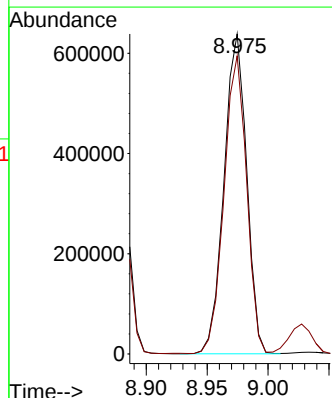
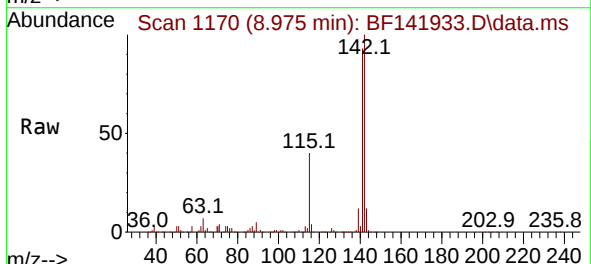
Acq: 12 Mar 2025 11:06

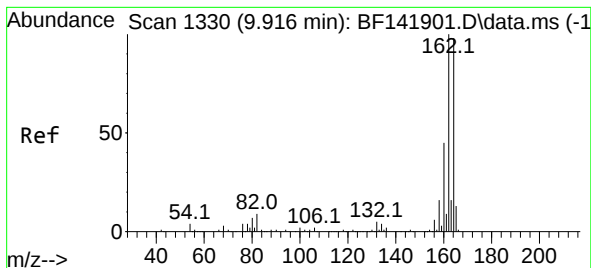
Tgt Ion:142 Resp: 827198

Ion Ratio Lower Upper

142 100

141 93.2 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167089BS

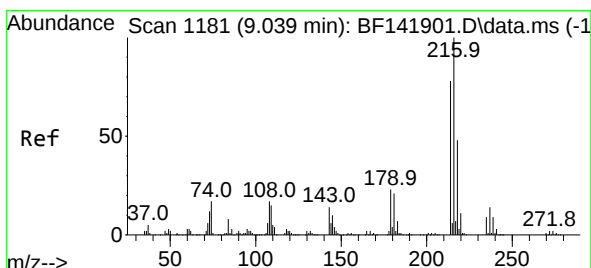
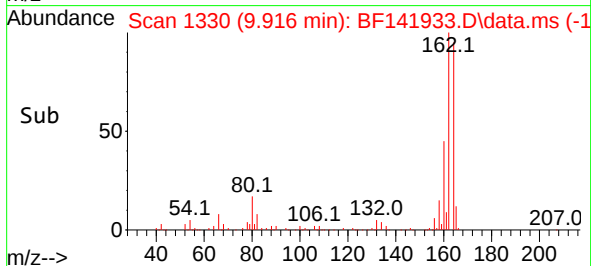
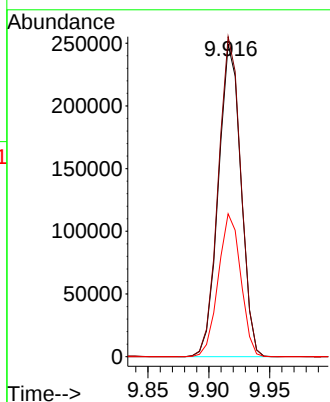
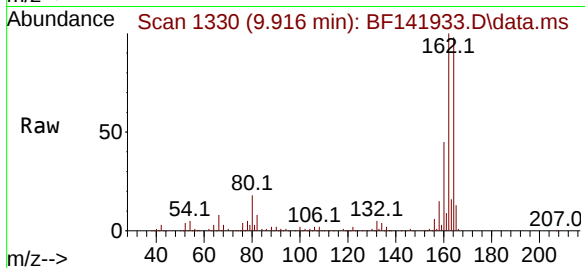
Tgt Ion:164 Resp: 321155

Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.6

160 45.7 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.138 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

Tgt Ion:216 Resp: 500018

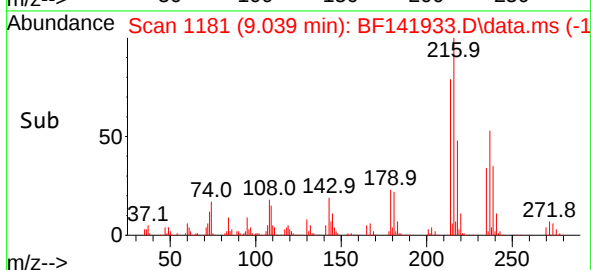
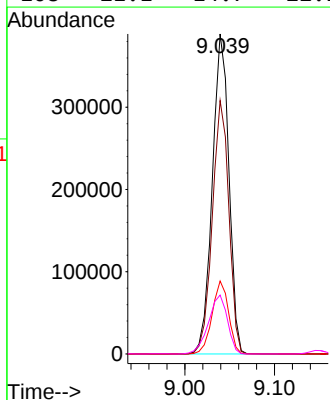
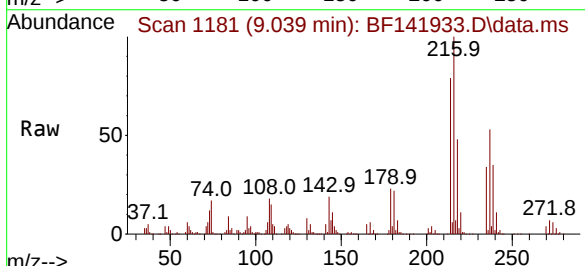
Ion Ratio Lower Upper

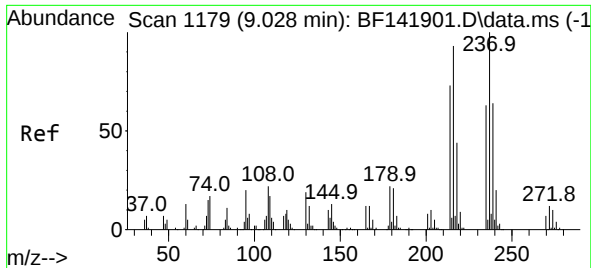
216 100

214 79.0 61.9 92.9

179 22.5 18.1 27.1

108 21.1 14.7 22.1

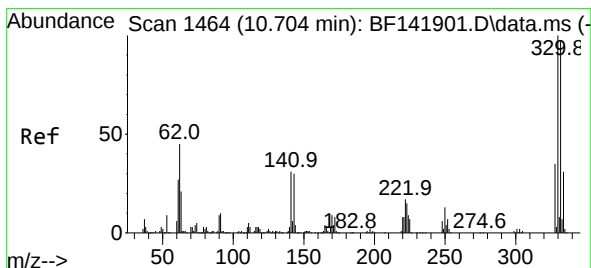
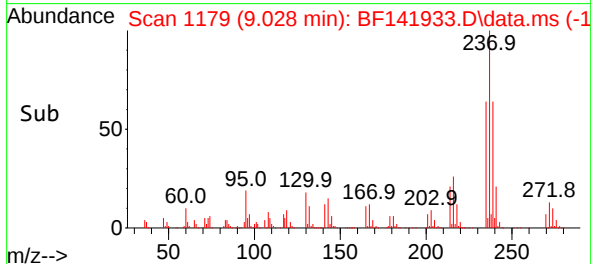
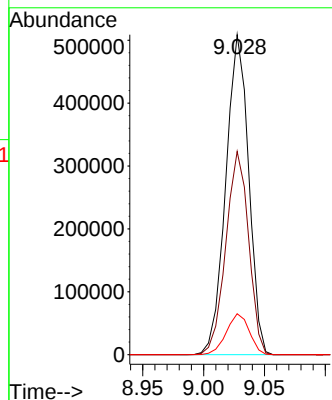
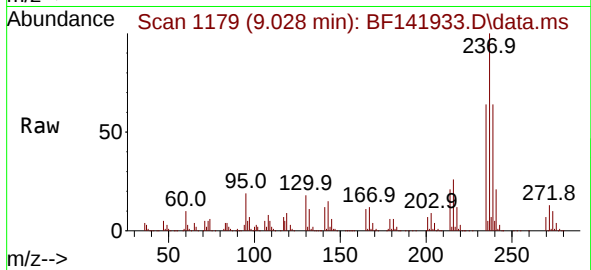




#41
Hexachlorocyclopentadiene
Concen: 173.697 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

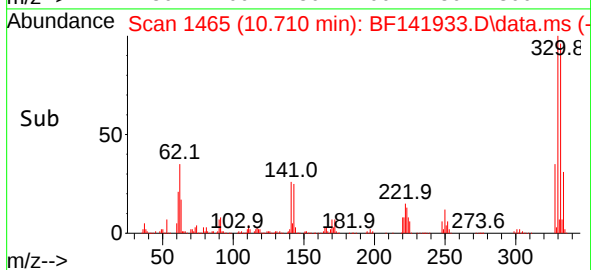
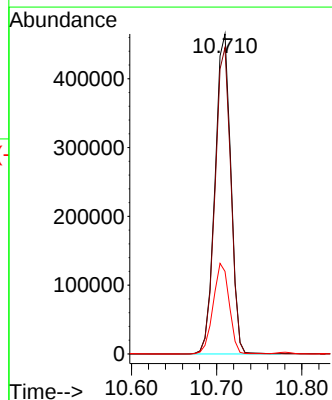
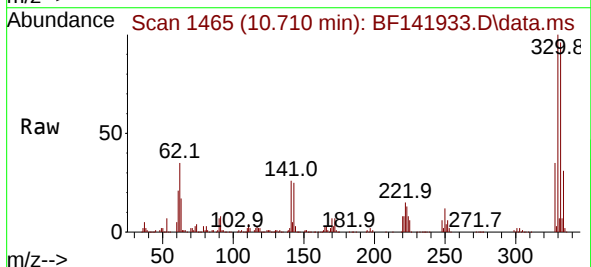
Instrument :
BNA_F
ClientSampleId :
PB167089BS

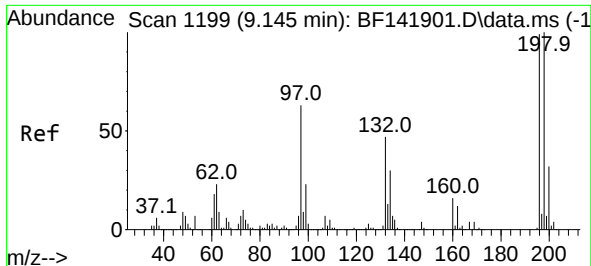
Tgt Ion:237 Resp: 664678
Ion Ratio Lower Upper
237 100
235 63.5 43.1 83.1
272 12.8 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 147.102 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:330 Resp: 599334
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 28.7 24.7 37.1

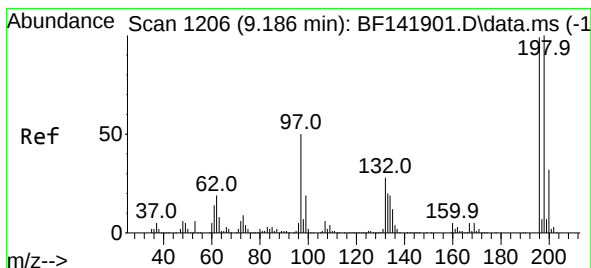
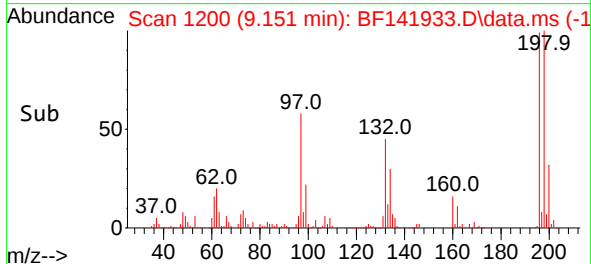
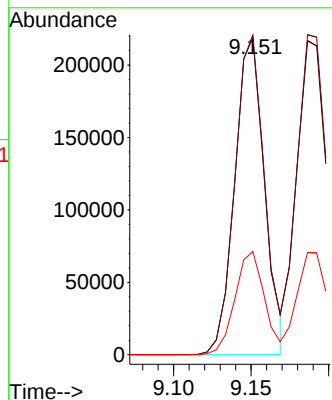
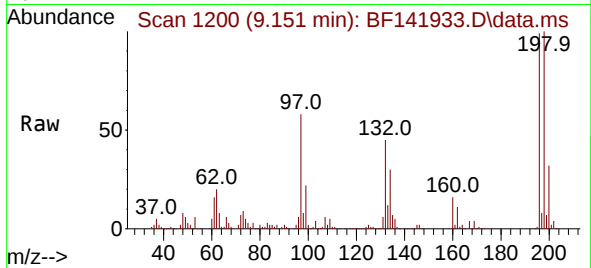




#43
2,4,6-Trichlorophenol
Concen: 45.544 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

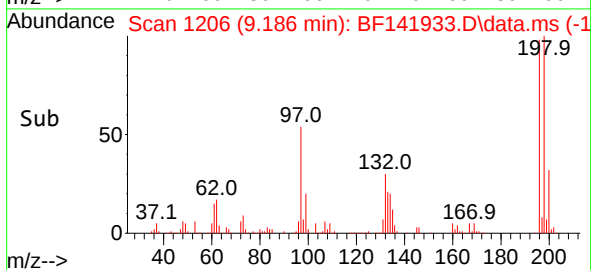
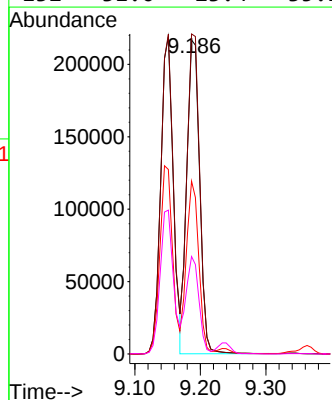
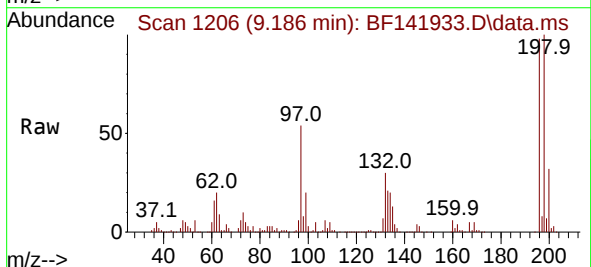
Instrument :
BNA_F
ClientSampleId :
PB167089BS

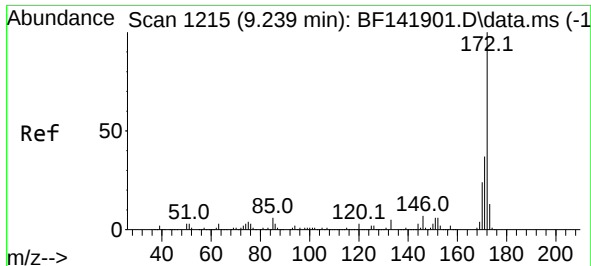
Tgt Ion:196 Resp: 291035
Ion Ratio Lower Upper
196 100
198 100.8 80.6 121.0
200 32.6 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 45.578 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:196 Resp: 294986
Ion Ratio Lower Upper
196 100
198 101.9 80.7 121.1
97 55.1 42.1 63.1
132 31.0 23.4 35.2

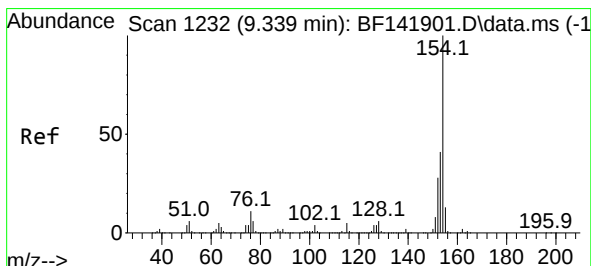
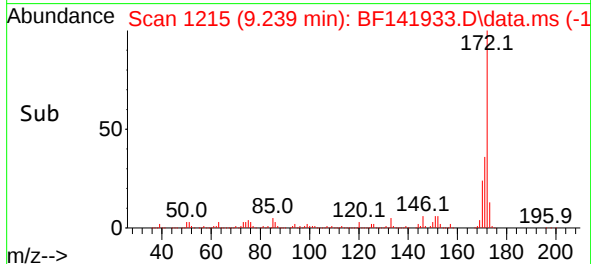
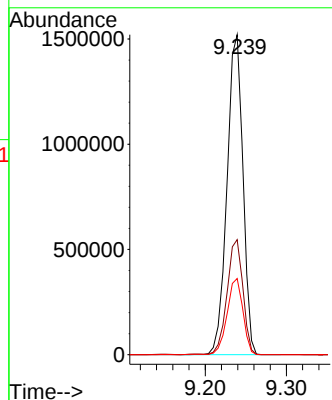
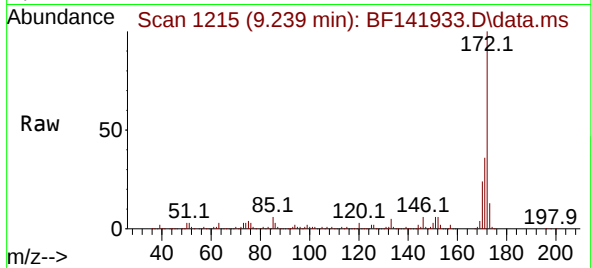




#45
2-Fluorobiphenyl
Concen: 98.063 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

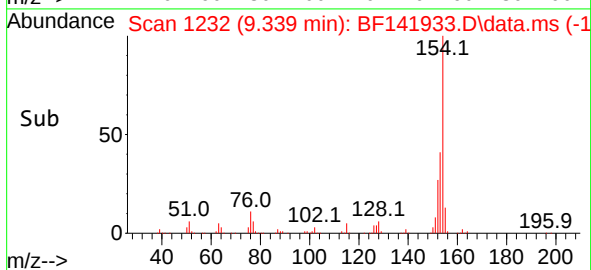
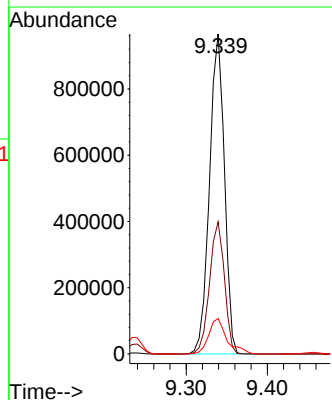
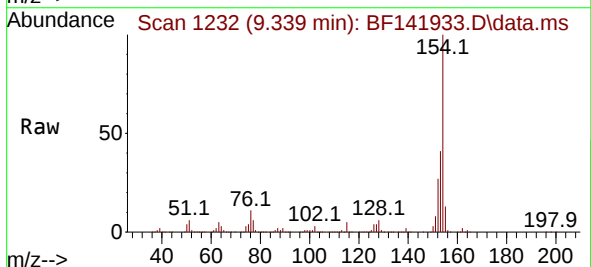
Instrument :
BNA_F
ClientSampleId :
PB167089BS

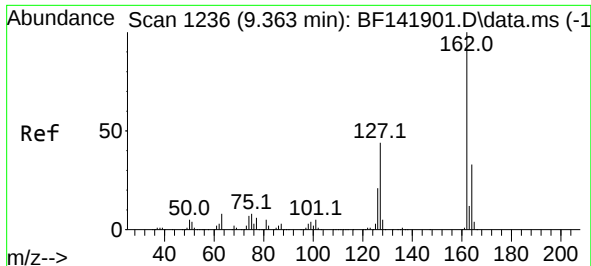
Tgt Ion:172 Resp: 2070832
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.8 19.4 29.0



#46
1,1'-Biphenyl
Concen: 50.420 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:154 Resp: 1230333
Ion Ratio Lower Upper
154 100
153 41.3 21.1 61.1
76 11.1 0.0 31.3





#47

2-Chloronaphthalene

Concen: 46.119 ng

RT: 9.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167089BS

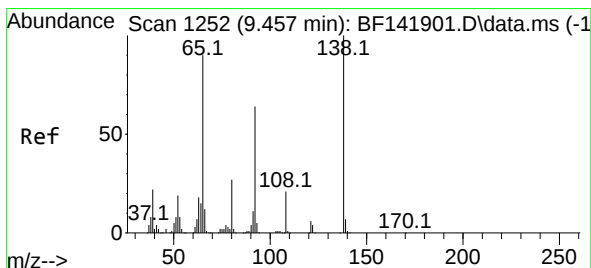
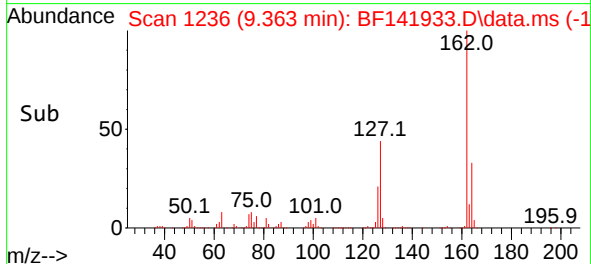
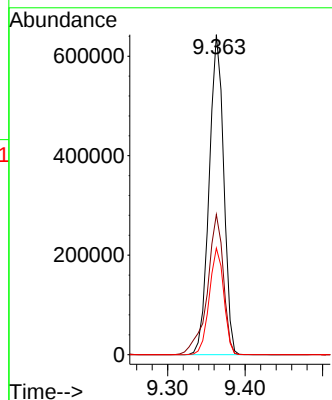
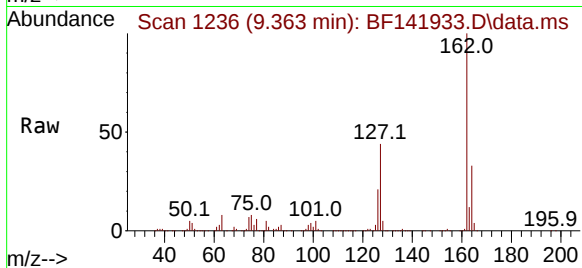
Tgt Ion:162 Resp: 838808

Ion Ratio Lower Upper

162 100

127 43.8 35.5 53.3

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 46.151 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

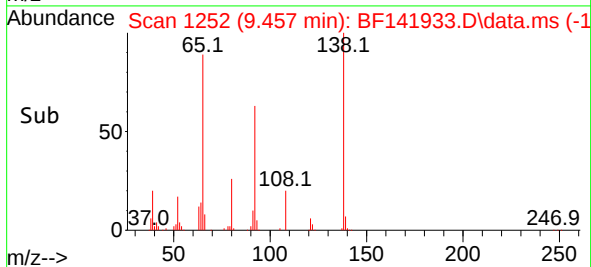
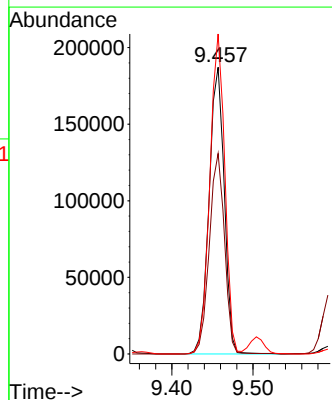
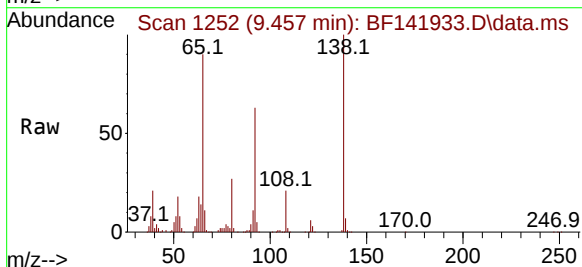
Tgt Ion: 65 Resp: 243037

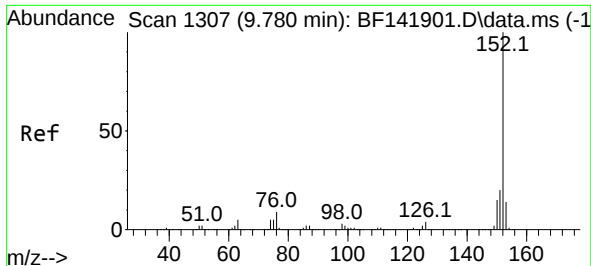
Ion Ratio Lower Upper

65 100

92 69.9 56.6 84.8

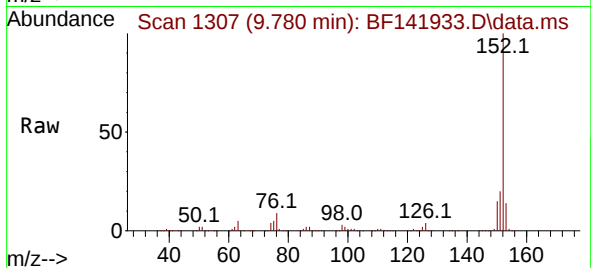
138 111.6 88.6 133.0



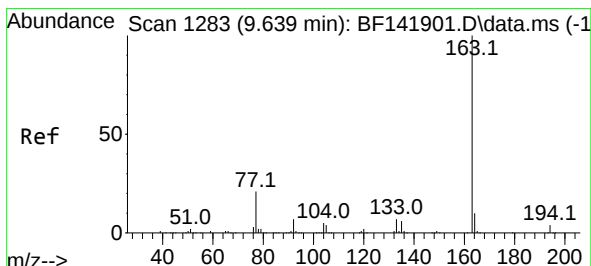
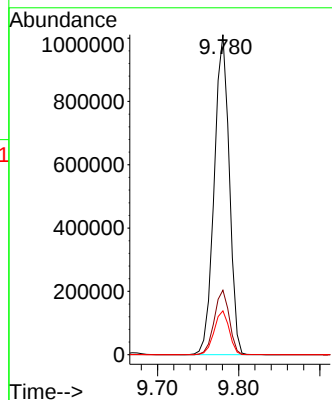
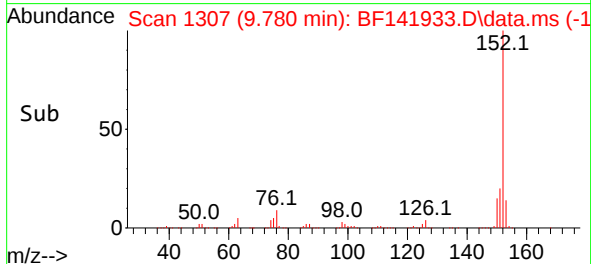


#49
Acenaphthylene
Concen: 48.244 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

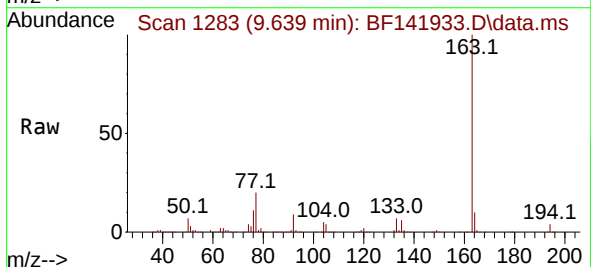
Instrument :
BNA_F
ClientSampleId :
PB167089BS



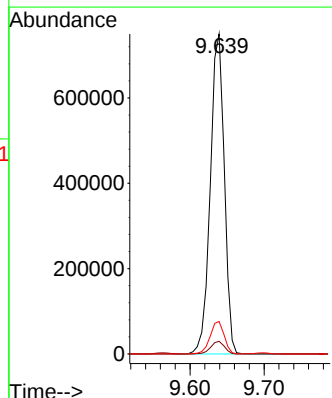
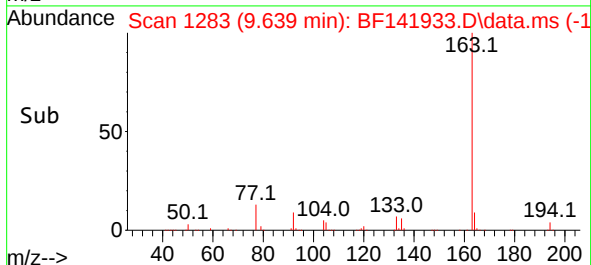
Tgt Ion:152 Resp: 1302110
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.7 11.1 16.7

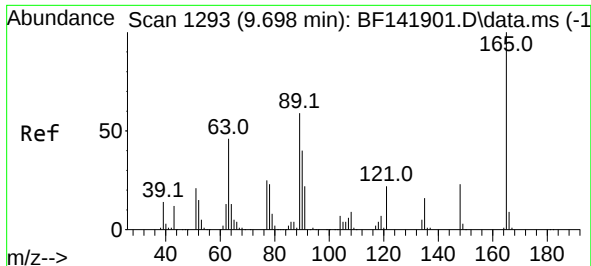


#50
Dimethylphthalate
Concen: 43.806 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06



Tgt Ion:163 Resp: 985182
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.2 12.4

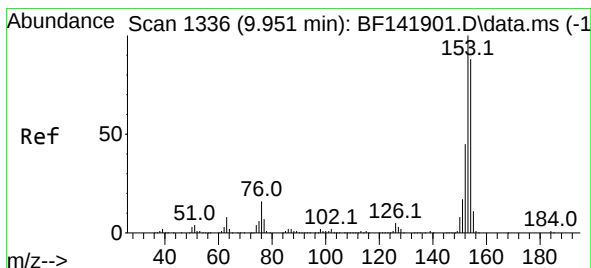
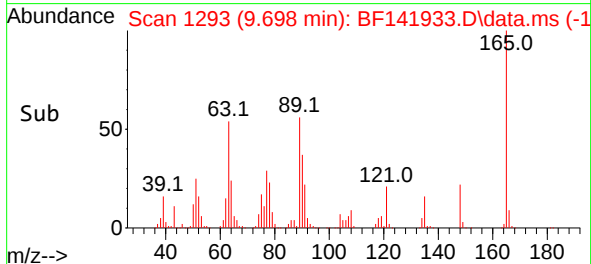
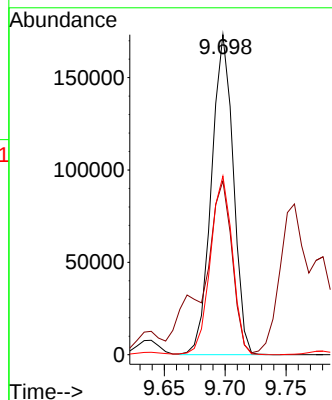
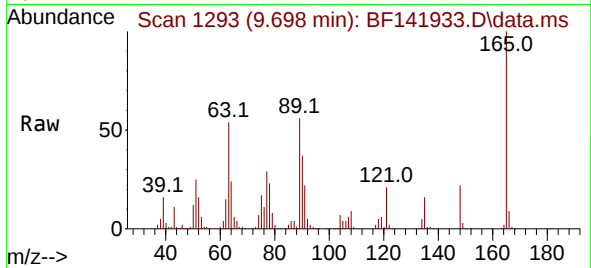




#51
2,6-Dinitrotoluene
Concen: 46.119 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

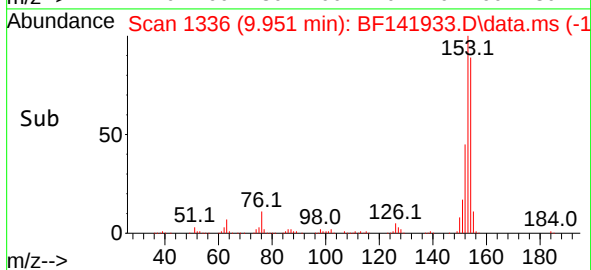
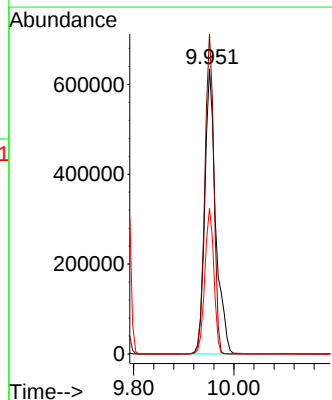
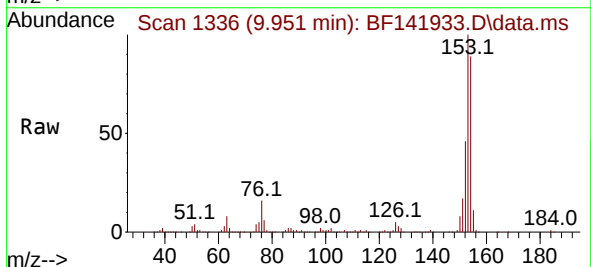
Instrument :
BNA_F
ClientSampleId :
PB167089BS

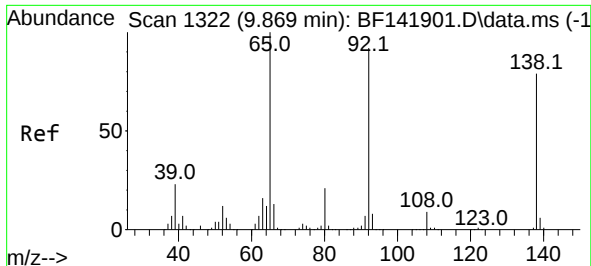
Tgt Ion:165 Resp: 215955
Ion Ratio Lower Upper
165 100
63 54.3 47.0 70.4
89 55.8 47.4 71.2



#52
Acenaphthene
Concen: 50.789 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:154 Resp: 963331
Ion Ratio Lower Upper
154 100
153 112.2 90.7 136.1
152 51.1 41.1 61.7

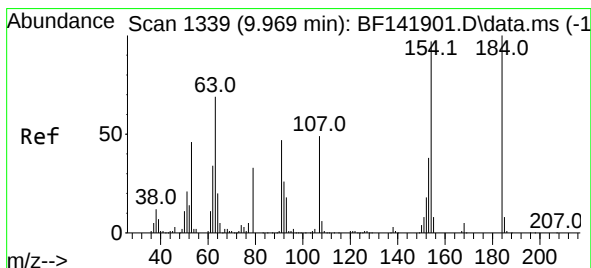
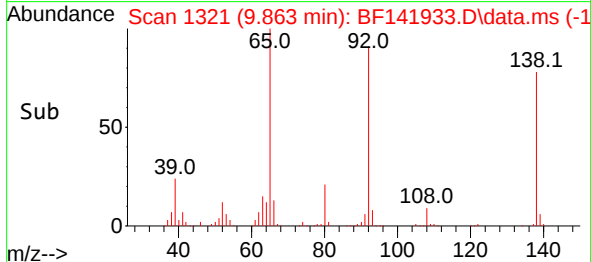
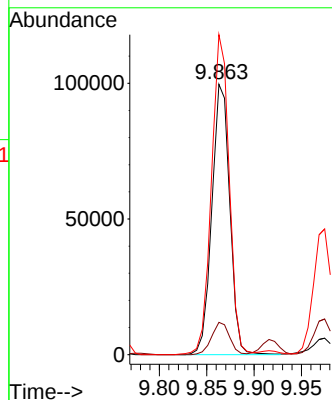
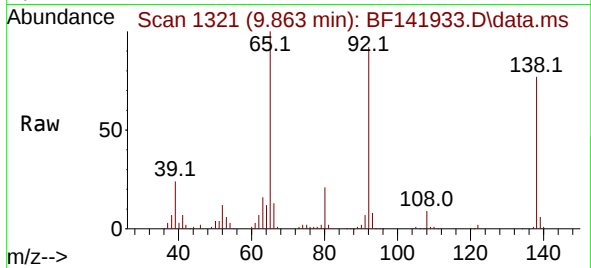




#53
3-Nitroaniline
Concen: 27.567 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

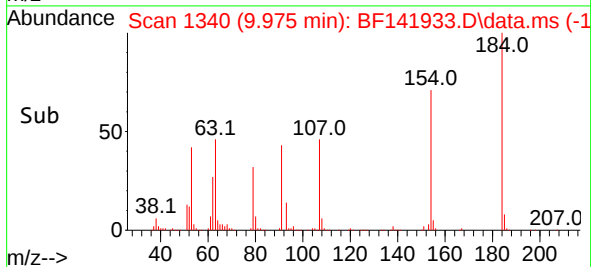
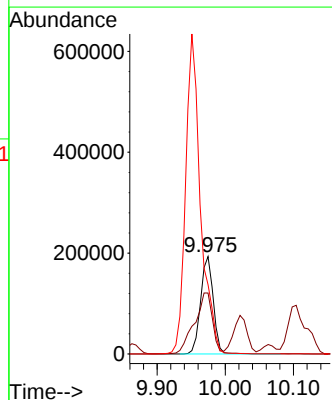
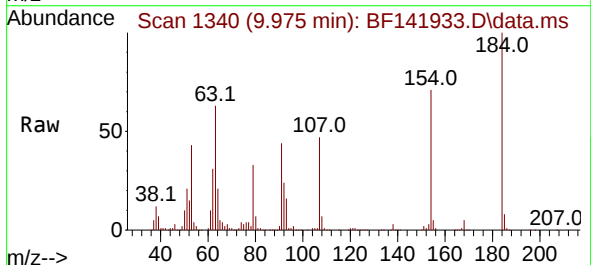
Instrument :
BNA_F
ClientSampleId :
PB167089BS

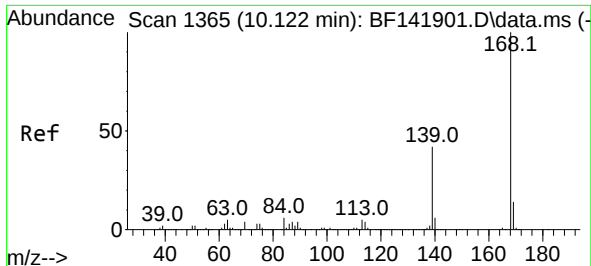
Tgt Ion:138 Resp: 130937
Ion Ratio Lower Upper
138 100
108 11.9 9.3 13.9
92 118.3 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 92.778 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:184 Resp: 249881
Ion Ratio Lower Upper
184 100
63 62.7 60.2 90.4
154 71.1 132.9 199.3#

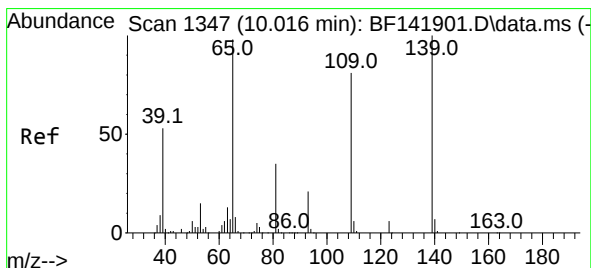
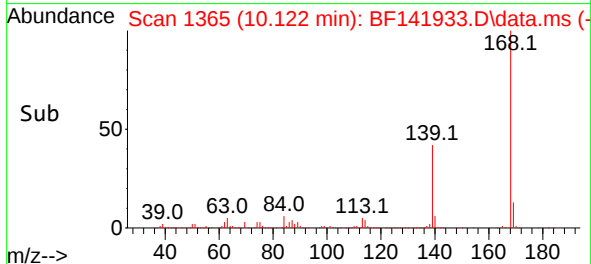
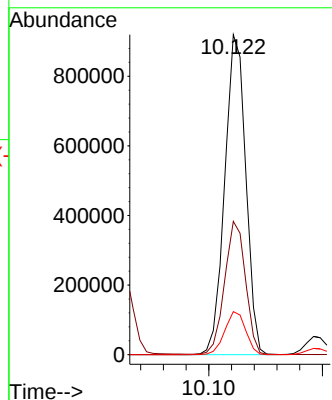
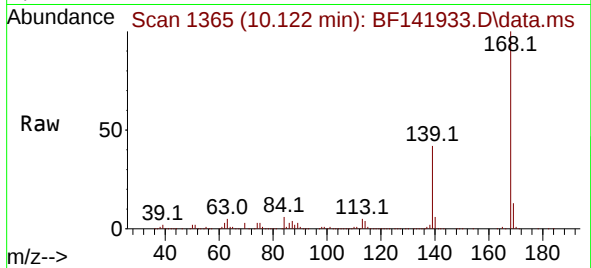




#55
Dibenzofuran
Concen: 43.683 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

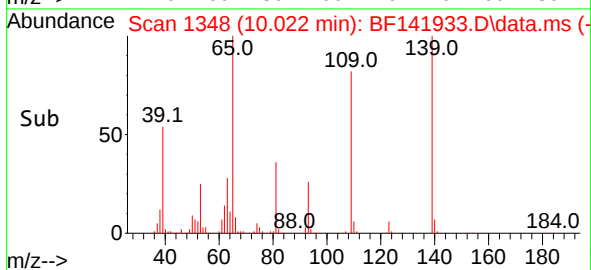
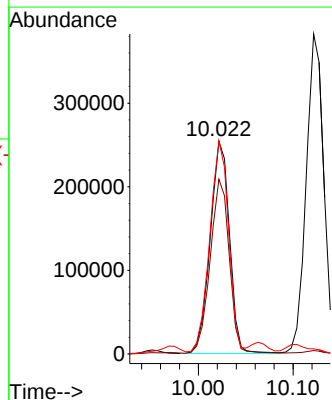
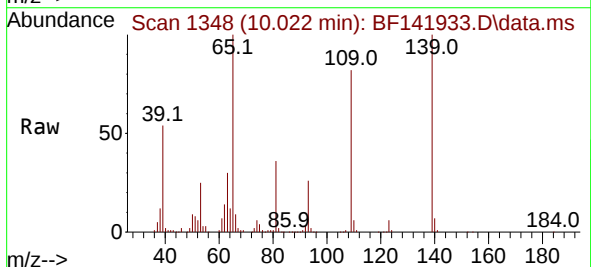
Instrument :
BNA_F
ClientSampleId :
PB167089BS

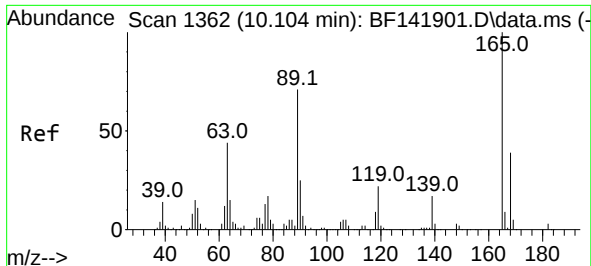
Tgt Ion:168 Resp: 1183906
Ion Ratio Lower Upper
168 100
139 41.6 33.9 50.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 100.208 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:139 Resp: 358943
Ion Ratio Lower Upper
139 100
109 82.1 61.6 101.6
65 100.2 79.4 119.4

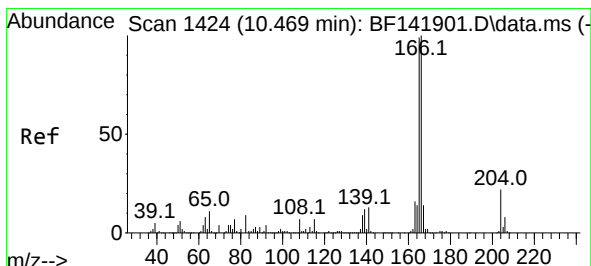
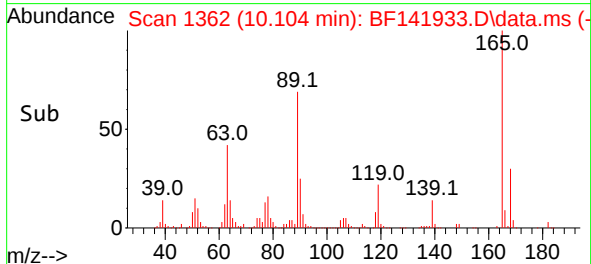
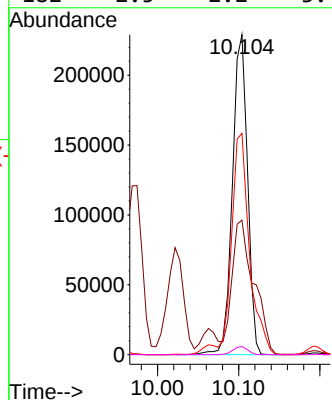
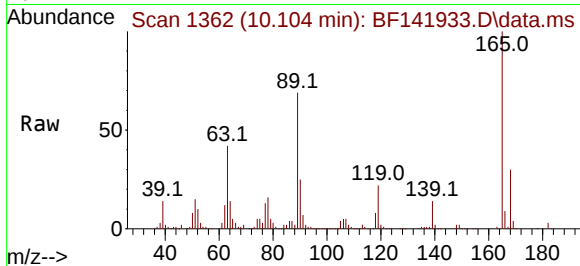




#57
2,4-Dinitrotoluene
Concen: 48.270 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

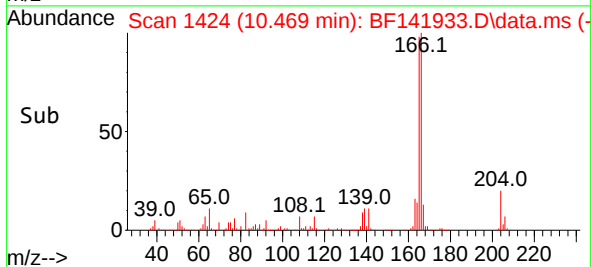
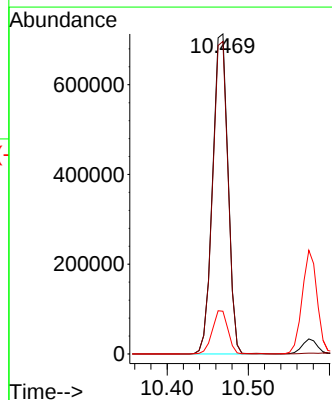
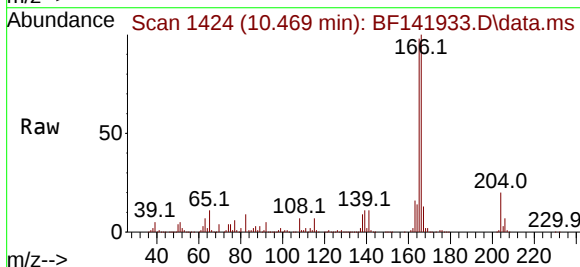
Instrument :
BNA_F
ClientSampleId :
PB167089BS

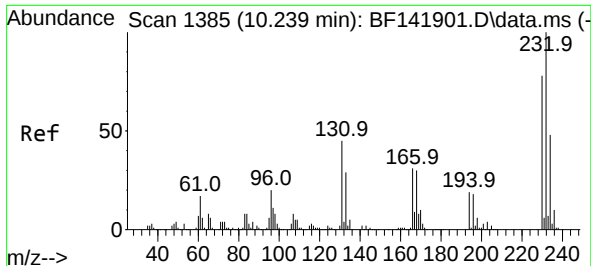
Tgt Ion:165 Resp: 295215
Ion Ratio Lower Upper
165 100
63 42.1 35.4 53.2
89 69.2 56.6 84.8
182 2.5 2.2 3.4



#58
Fluorene
Concen: 44.903 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:166 Resp: 938488
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.4
167 13.4 11.0 16.4



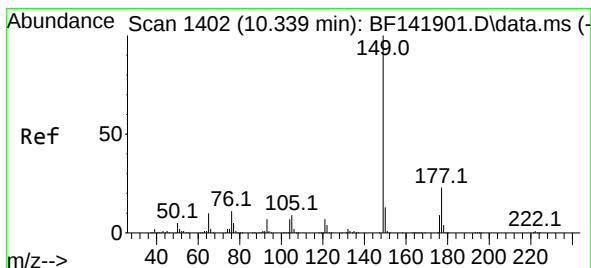
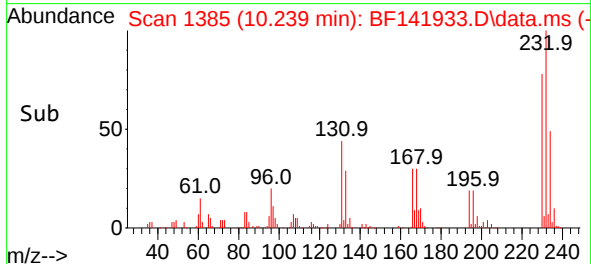
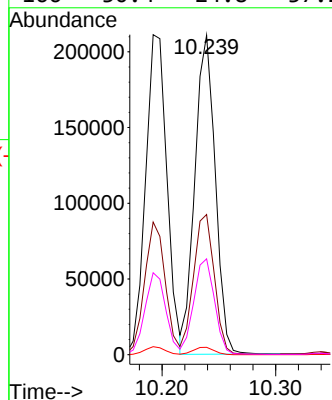
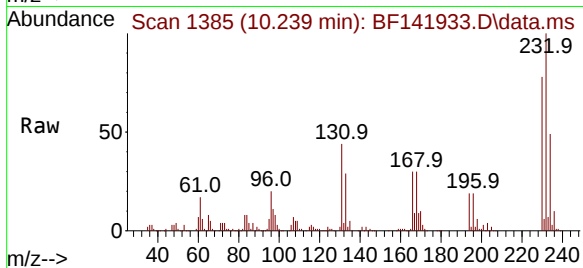


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.693 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167089BS

Tgt Ion:232 Resp: 263211

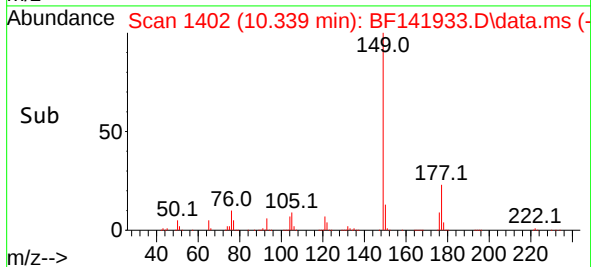
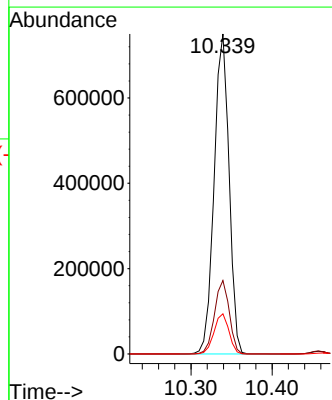
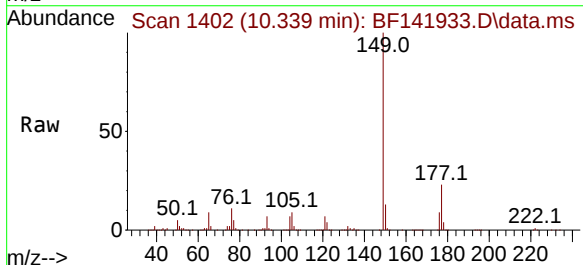
Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.3	55.9
130	2.4	1.9	2.9
166	30.4	24.8	37.2

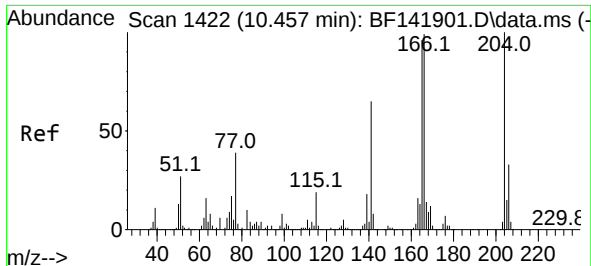


#60
Diethylphthalate
Concen: 42.652 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:149 Resp: 956472

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.0	27.0
150	12.6	10.2	15.4

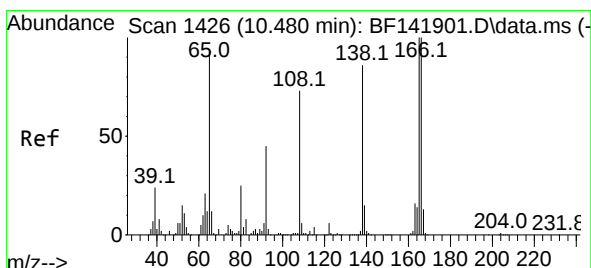
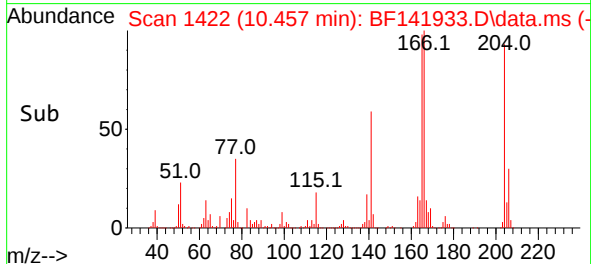
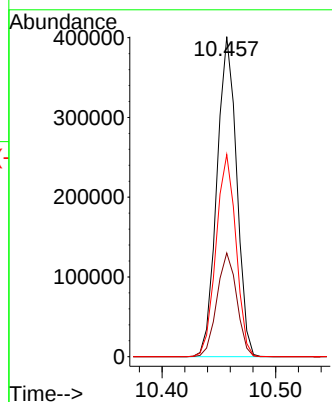
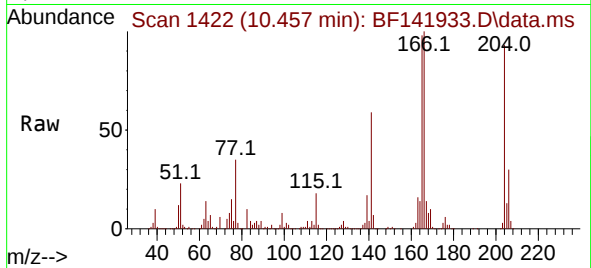




#61
4-Chlorophenyl-phenylether
Concen: 44.582 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

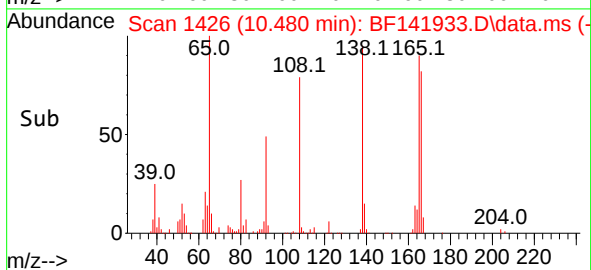
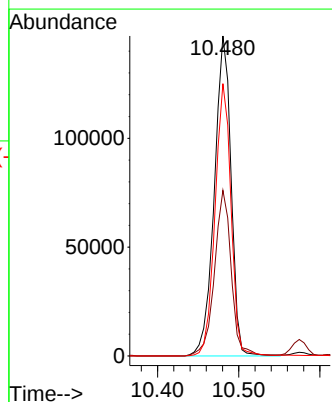
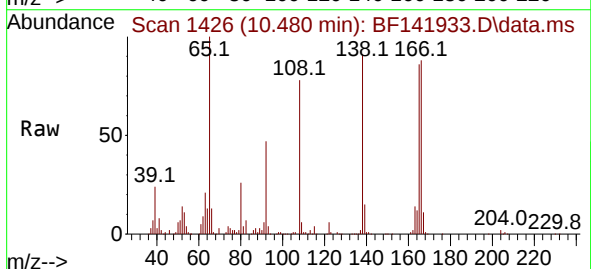
Instrument :
BNA_F
ClientSampleId :
PB167089BS

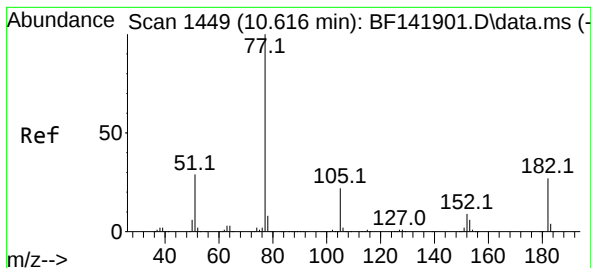
Tgt Ion:204 Resp: 485785
Ion Ratio Lower Upper
204 100
206 32.4 26.8 40.2
141 63.2 52.4 78.6



#62
4-Nitroaniline
Concen: 45.589 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:138 Resp: 210817
Ion Ratio Lower Upper
138 100
92 51.8 32.6 72.6
108 85.1 65.0 105.0

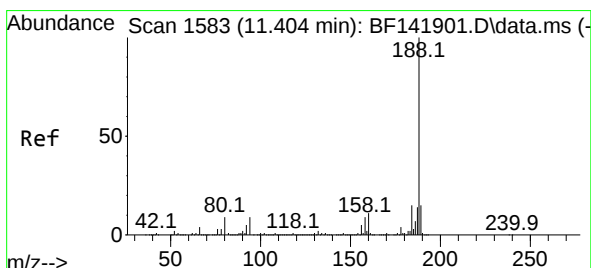
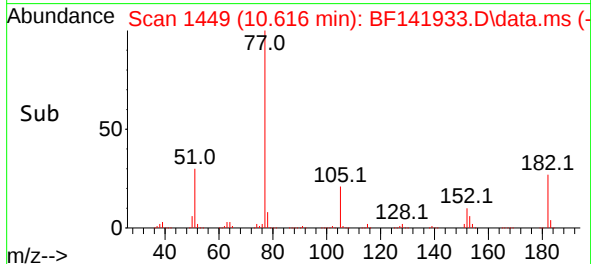
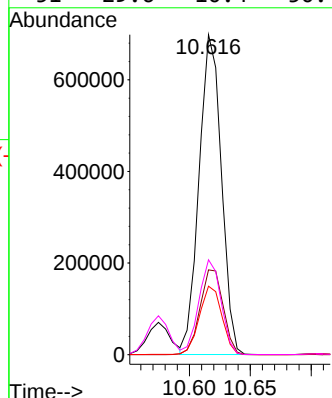
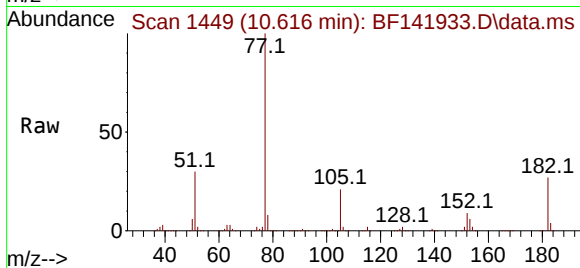




#63
Azobenzene
Concen: 42.586 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

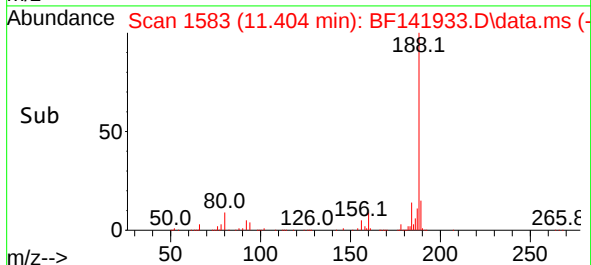
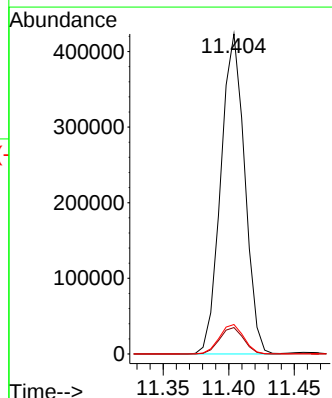
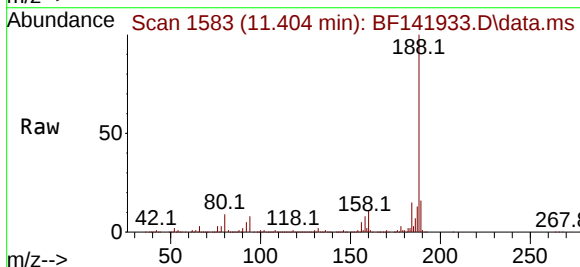
Instrument :
BNA_F
ClientSampleId :
PB167089BS

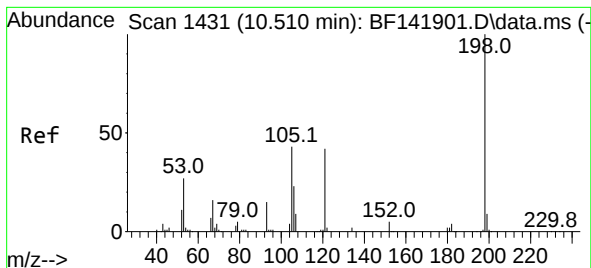
Tgt Ion: 77	Resp: 887870
Ion Ratio	Lower Upper
77 100	
182 26.5	6.6 46.6
105 21.4	1.3 41.3
51 29.6	10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:188	Resp: 536443
Ion Ratio	Lower Upper
188 100	
94 8.2	6.8 10.2
80 9.2	7.6 11.4

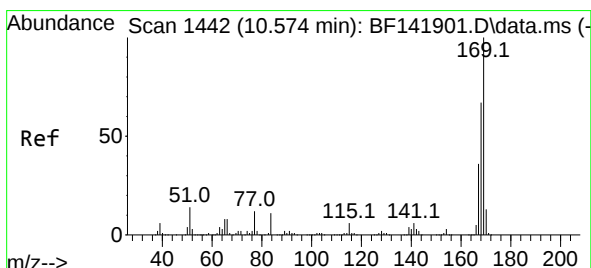
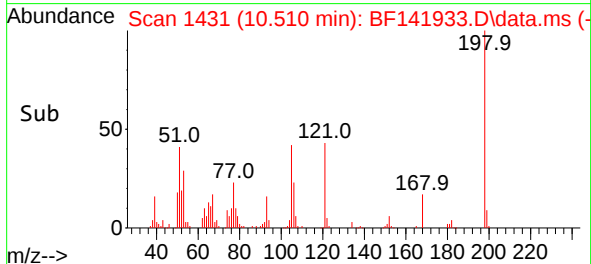
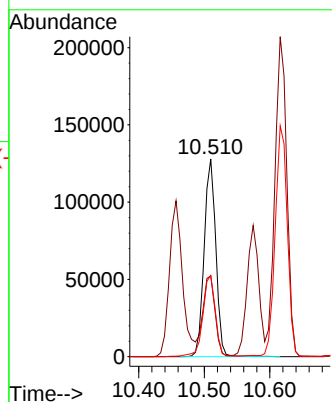
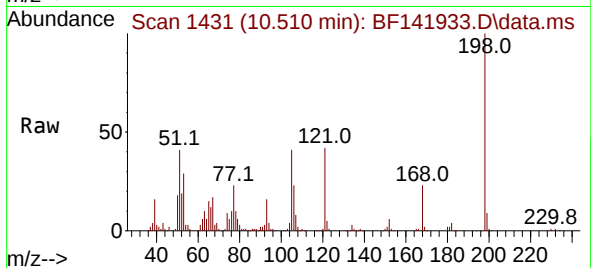




#65
4,6-Dinitro-2-methylphenol
Concen: 49.643 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

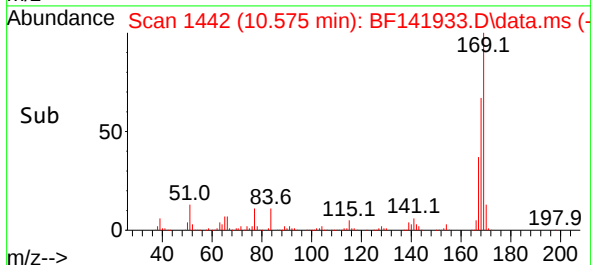
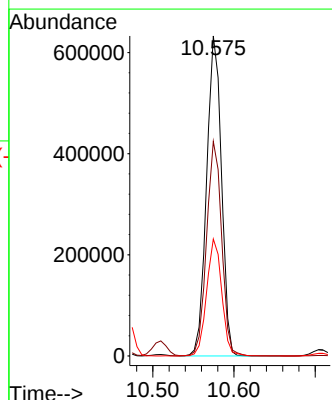
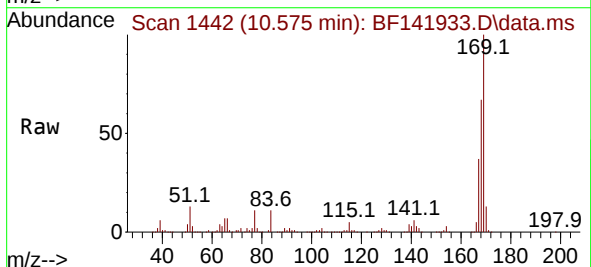
Instrument :
BNA_F
ClientSampleId :
PB167089BS

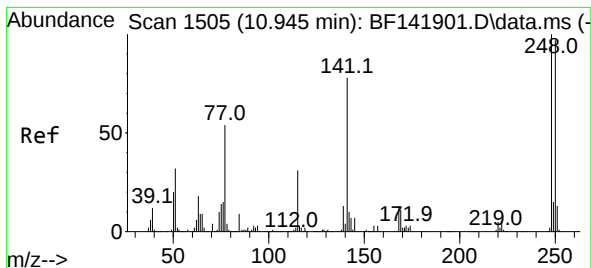
Tgt Ion:198 Resp: 158758
Ion Ratio Lower Upper
198 100
51 40.8 22.3 62.3
105 41.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 46.199 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:169 Resp: 801999
Ion Ratio Lower Upper
169 100
168 67.0 53.7 80.5
167 36.5 29.2 43.8

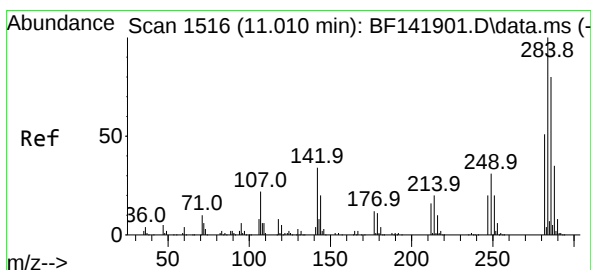
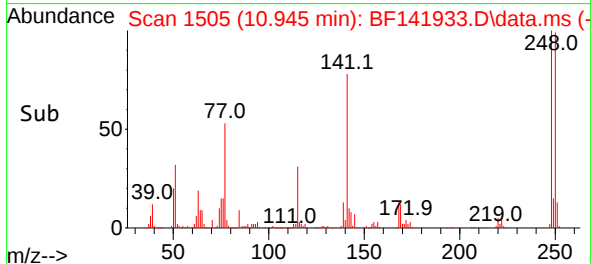
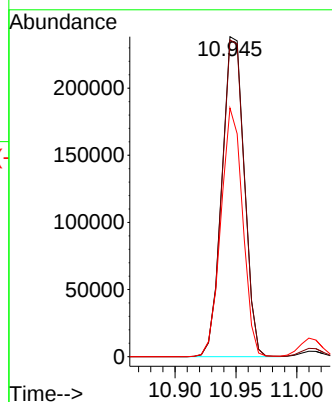
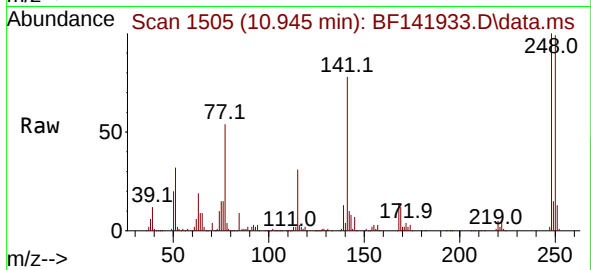




#67
4-Bromophenyl-phenylether
Concen: 45.422 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

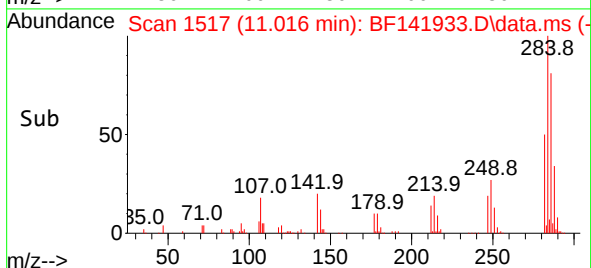
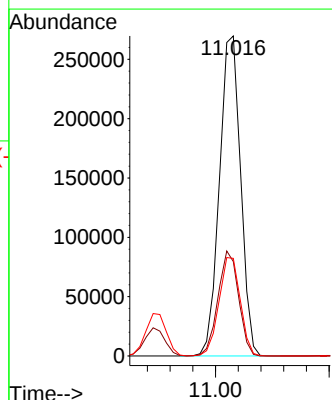
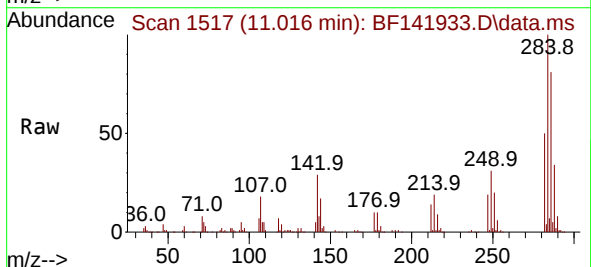
Instrument :
BNA_F
ClientSampleId :
PB167089BS

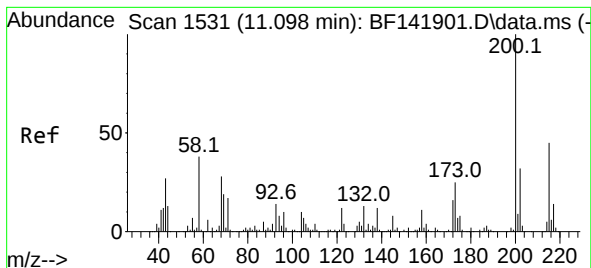
Tgt Ion:248 Resp: 306016
Ion Ratio Lower Upper
248 100
250 99.0 77.8 116.8
141 77.7 62.6 93.8



#68
Hexachlorobenzene
Concen: 47.303 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:284 Resp: 349522
Ion Ratio Lower Upper
284 100
142 29.5 27.0 40.6
249 30.5 25.2 37.8





#69

Atrazine

Concen: 60.462 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167089BS

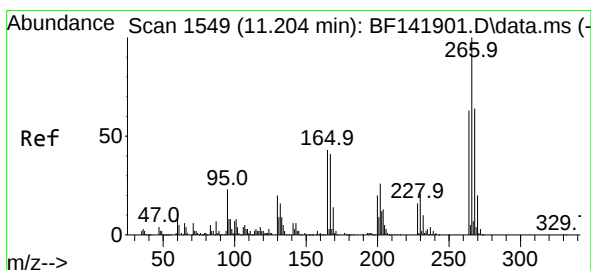
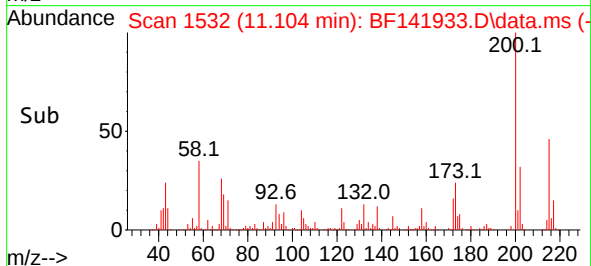
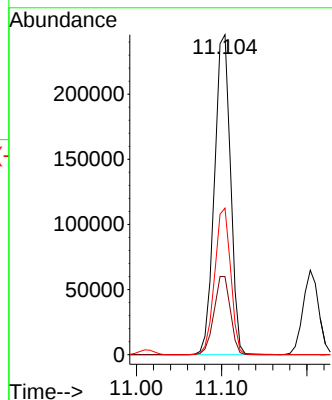
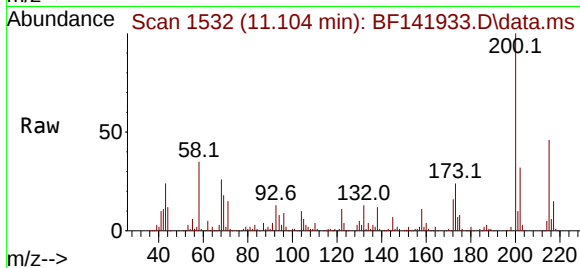
Tgt Ion:200 Resp: 321762

Ion Ratio Lower Upper

200 100

173 24.4 4.7 44.7

215 45.8 25.4 65.4



#70

Pentachlorophenol

Concen: 97.286 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

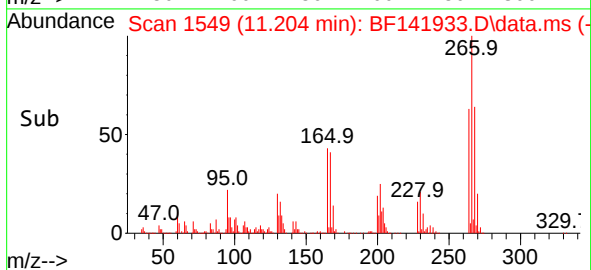
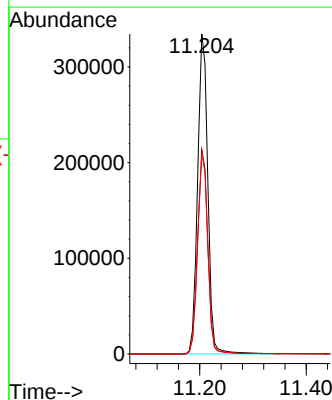
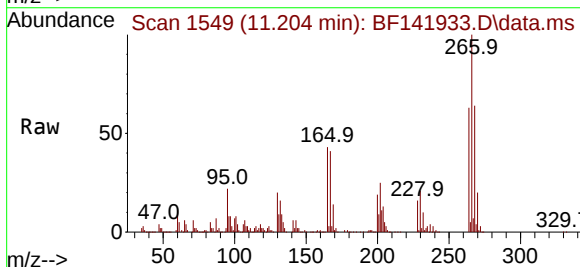
Tgt Ion:266 Resp: 442905

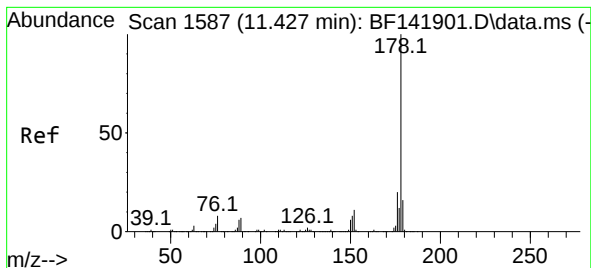
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 62.9 50.2 75.2





#71

Phenanthrene

Concen: 46.896 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167089BS

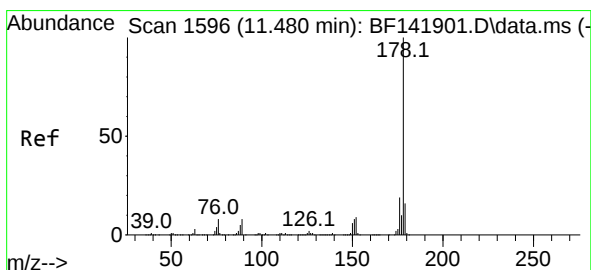
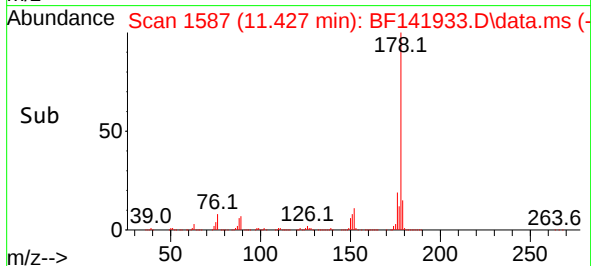
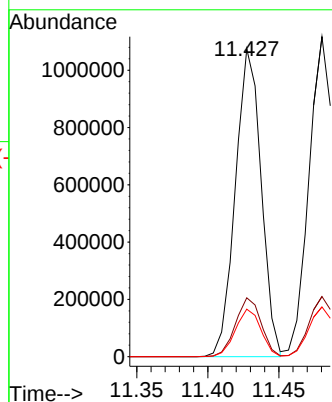
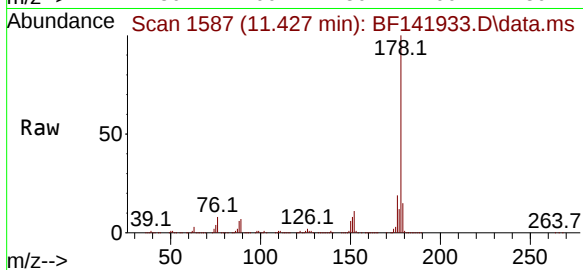
Tgt Ion:178 Resp: 1358818

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

179 15.4 12.6 19.0



#72

Anthracene

Concen: 48.091 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

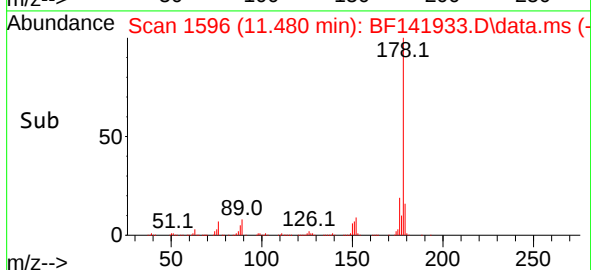
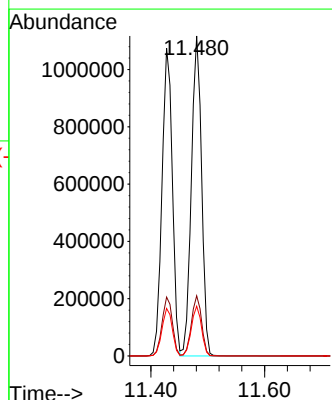
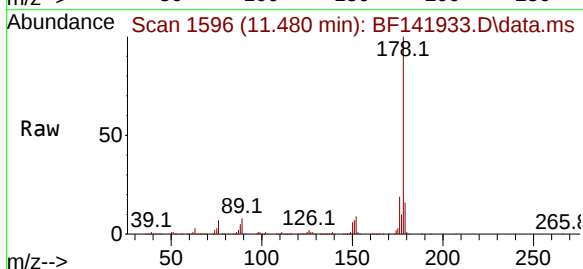
Tgt Ion:178 Resp: 1397984

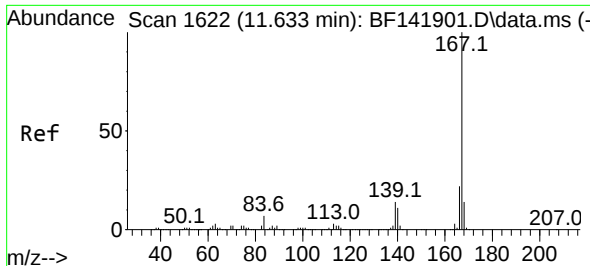
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.5 12.6 19.0

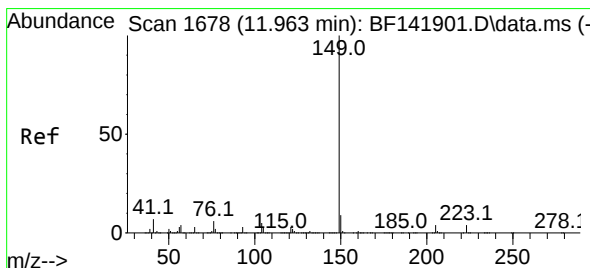
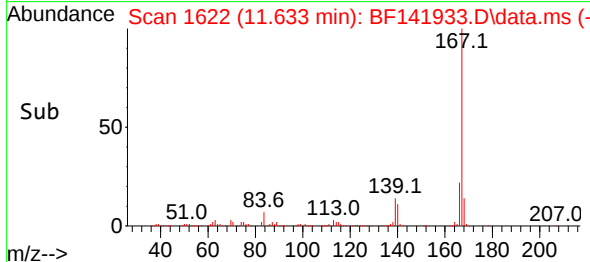
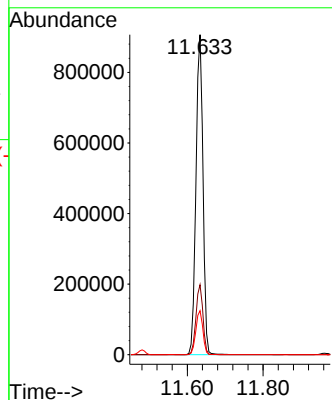
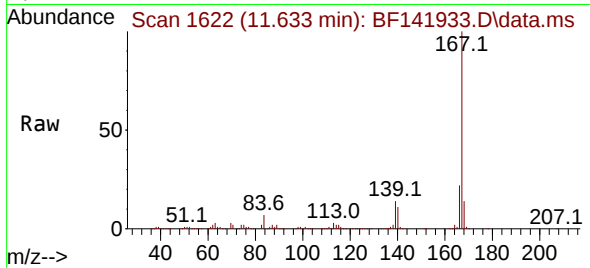




#73
 Carbazole
 Concen: 46.637 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF141933.D
 Acq: 12 Mar 2025 11:06

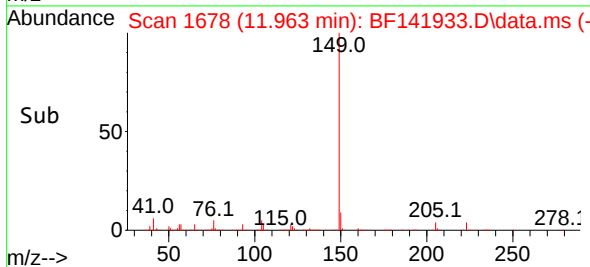
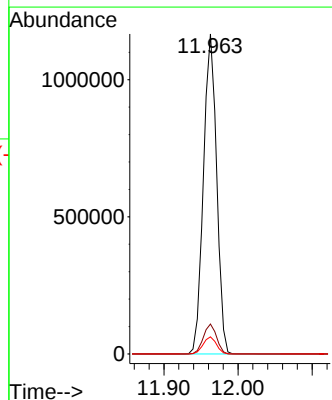
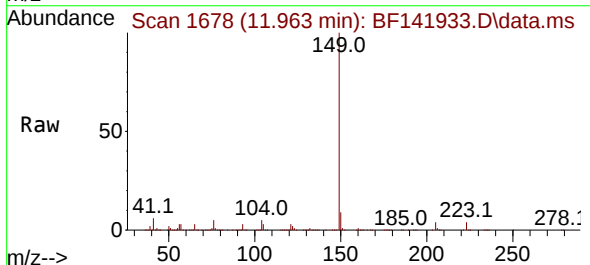
Instrument :
 BNA_F
 ClientSampleId :
 PB167089BS

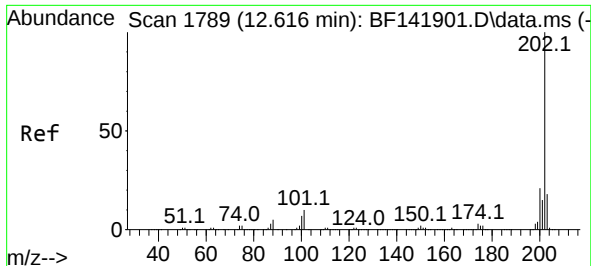
Tgt Ion:167 Resp: 1169195
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.8 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 43.430 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF141933.D
 Acq: 12 Mar 2025 11:06

Tgt Ion:149 Resp: 1444680
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.4 4.4 6.6

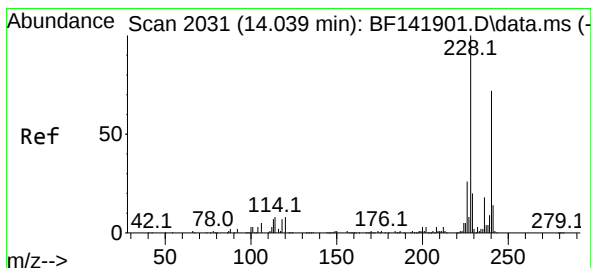
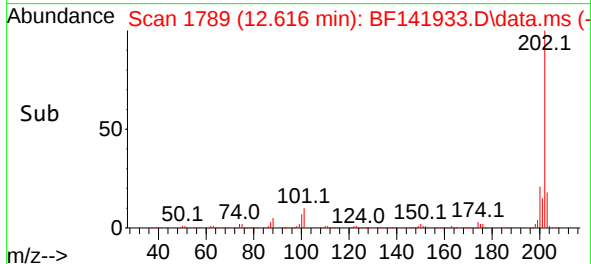
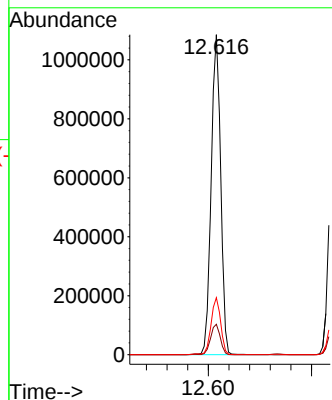
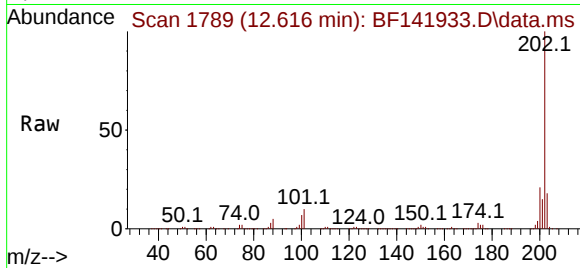




#75
Fluoranthene
Concen: 44.989 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

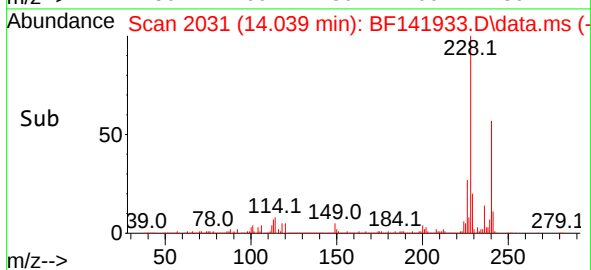
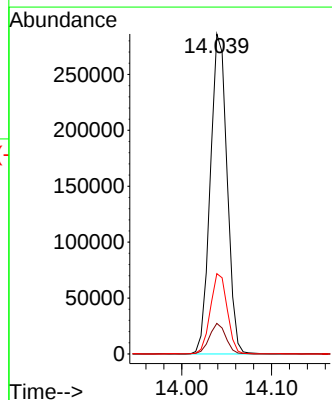
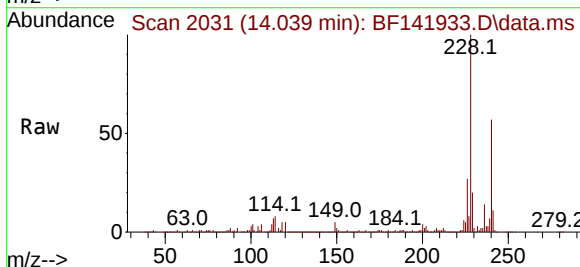
Instrument :
BNA_F
ClientSampleId :
PB167089BS

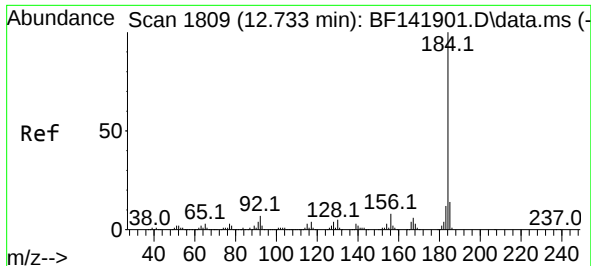
Tgt Ion:202 Resp: 1382763
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:240 Resp: 372000
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.1 20.5 30.7

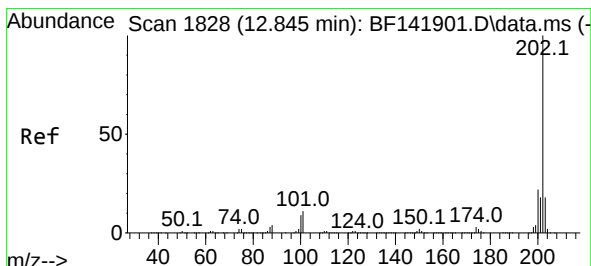
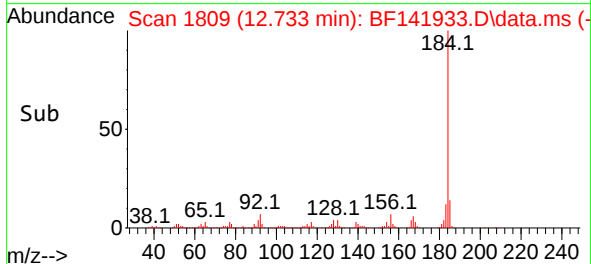
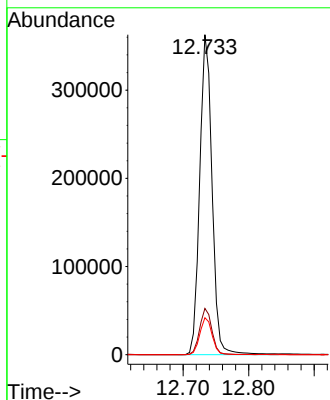
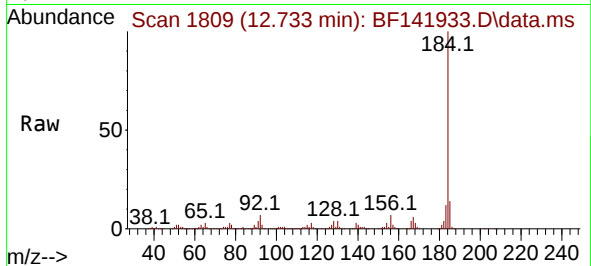




#77
Benzidine
Concen: 91.823 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

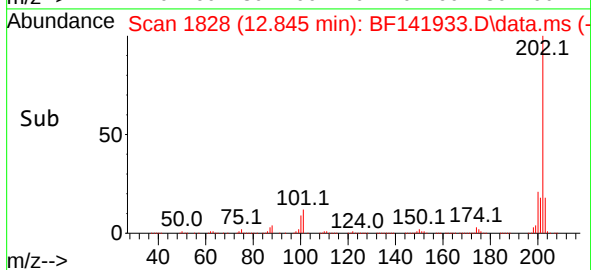
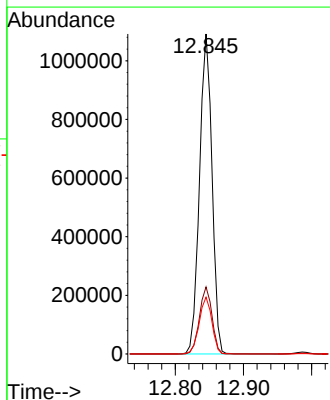
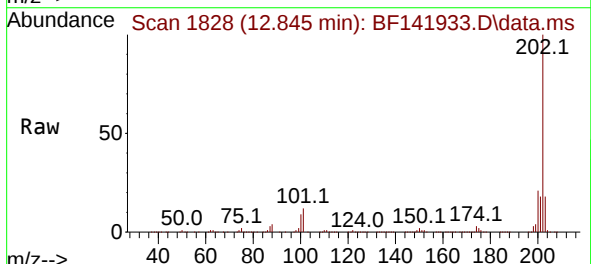
Instrument :
BNA_F
ClientSampleId :
PB167089BS

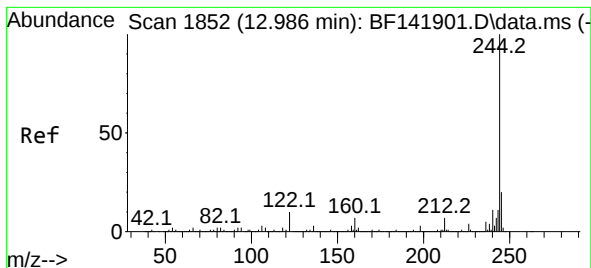
Tgt Ion:184 Resp: 476569
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.6 9.7 14.5



#78
Pyrene
Concen: 43.181 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:202 Resp: 1389481
Ion Ratio Lower Upper
202 100
200 21.0 17.3 25.9
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 96.613 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167089BS

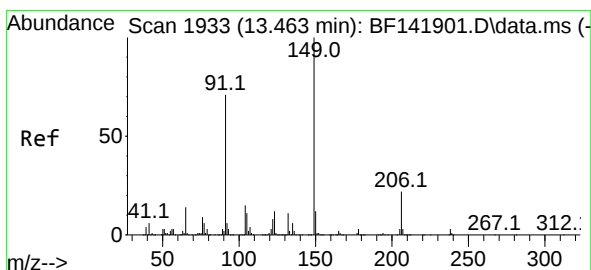
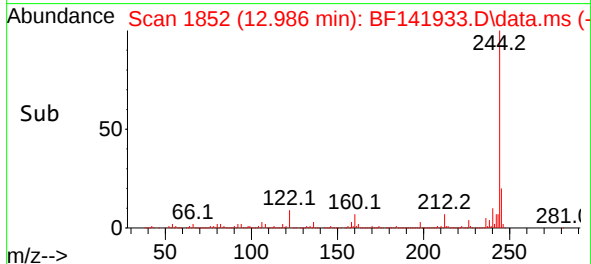
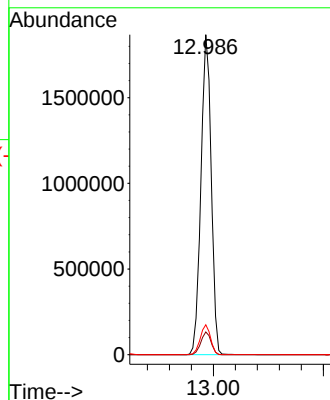
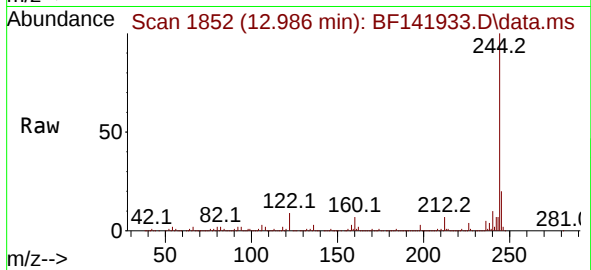
Tgt Ion:244 Resp: 2430925

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 43.280 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

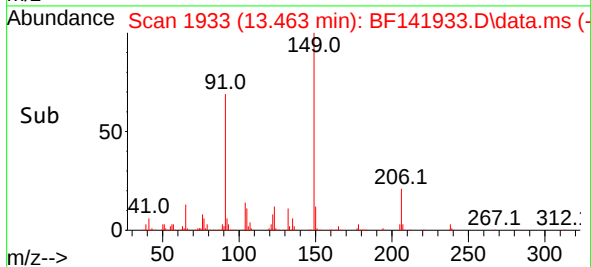
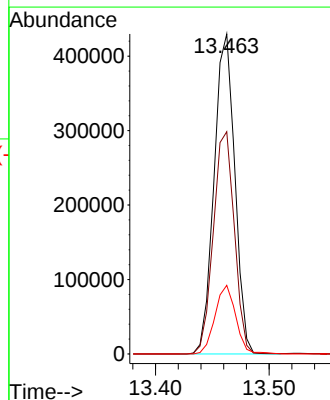
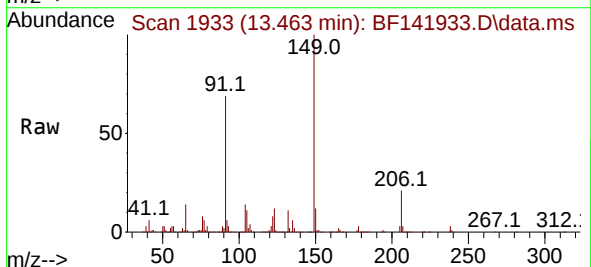
Tgt Ion:149 Resp: 545094

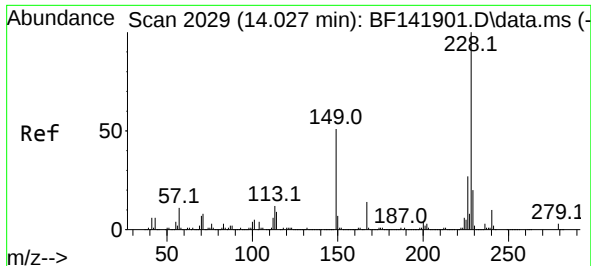
Ion Ratio Lower Upper

149 100

91 69.5 56.5 84.7

206 21.5 17.3 25.9

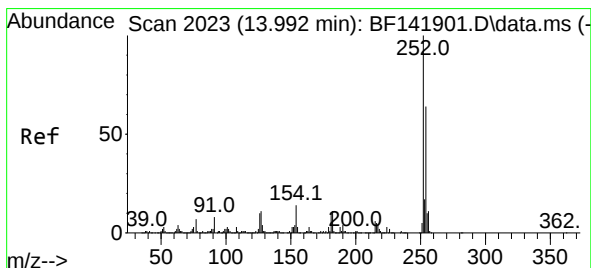
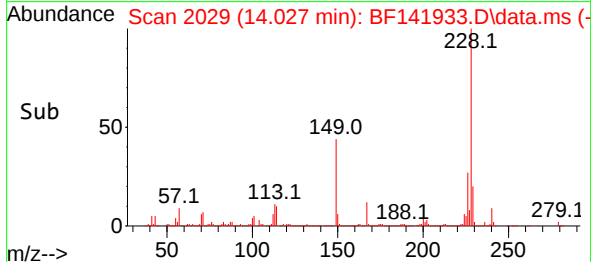
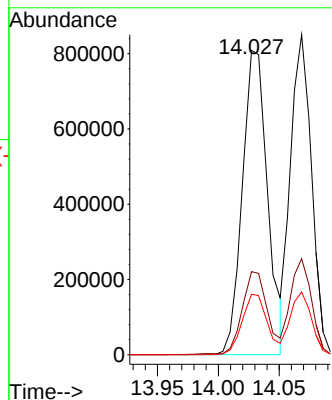
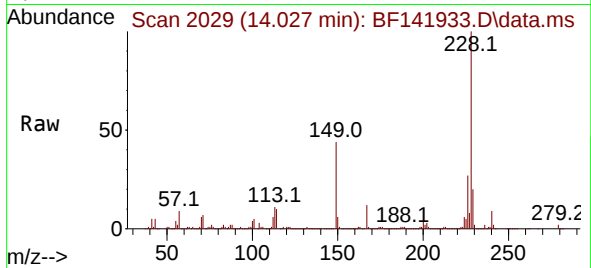




#81
Benzo(a)anthracene
Concen: 47.860 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

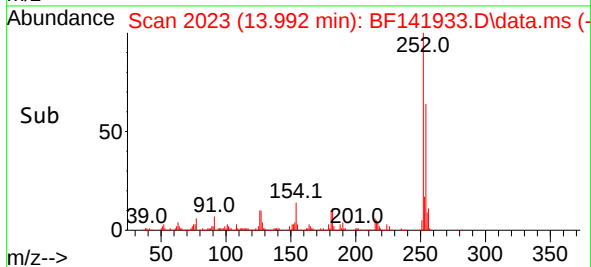
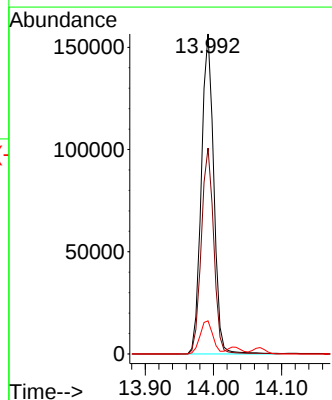
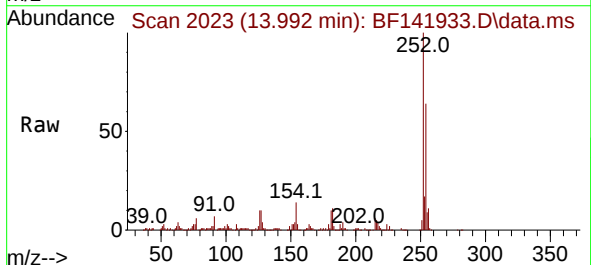
Instrument :
BNA_F
ClientSampleId :
PB167089BS

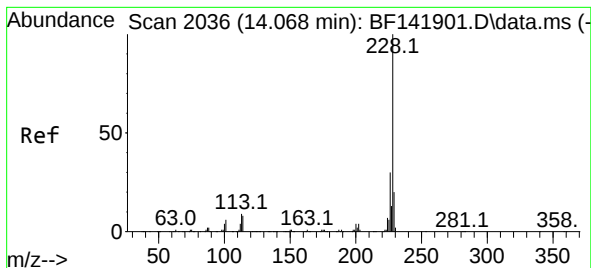
Tgt Ion:228 Resp: 1168294
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 28.145 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:252 Resp: 198547
Ion Ratio Lower Upper
252 100
254 64.3 51.0 76.6
126 10.4 8.4 12.6





#83

Chrysene

Concen: 46.256 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167089BS

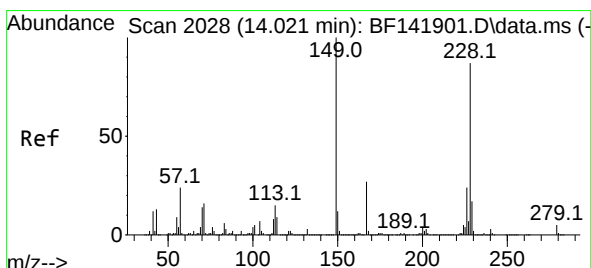
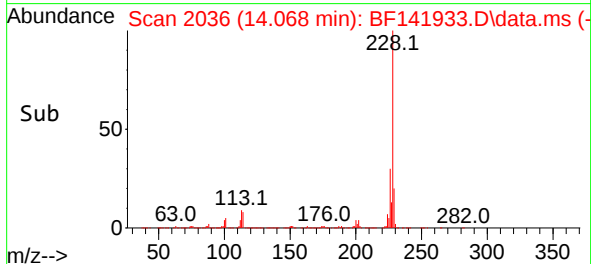
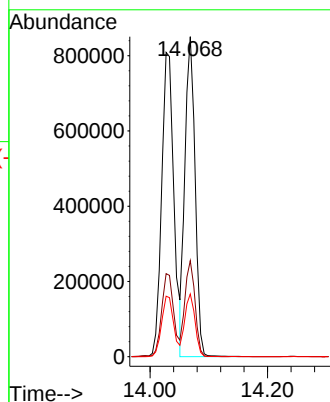
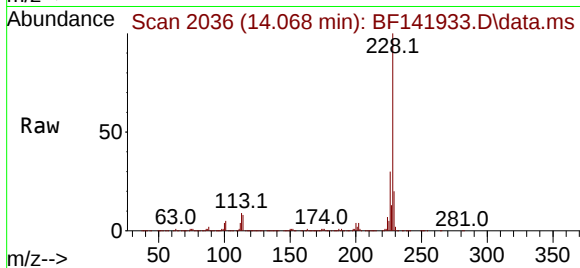
Tgt Ion:228 Resp: 1023528

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.627 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF141933.D

Acq: 12 Mar 2025 11:06

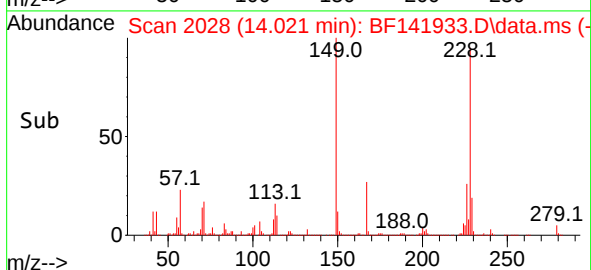
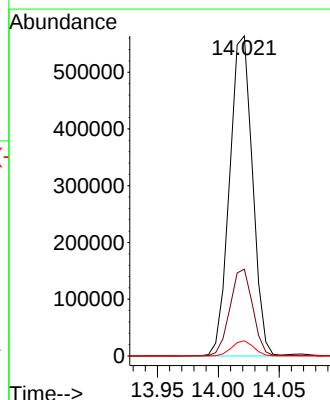
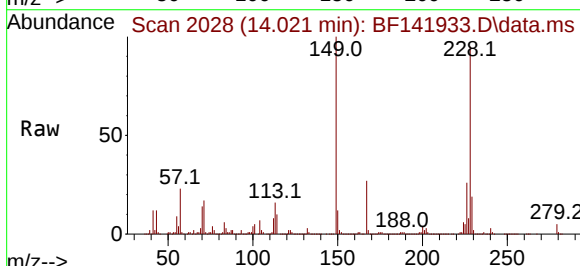
Tgt Ion:149 Resp: 740231

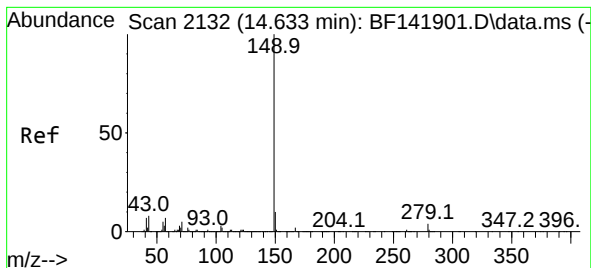
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.7 3.8 5.6

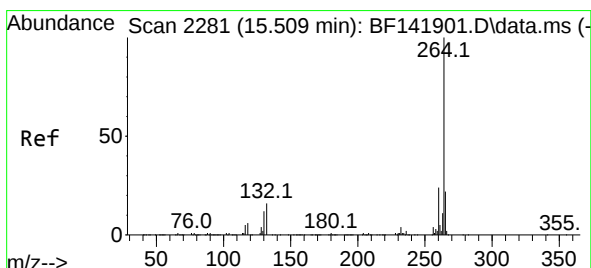
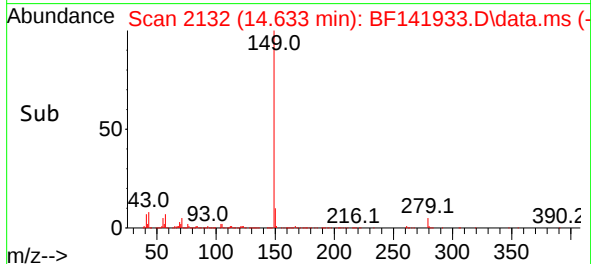
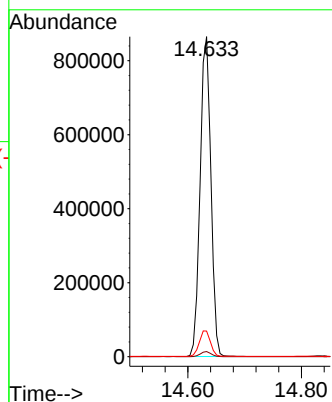
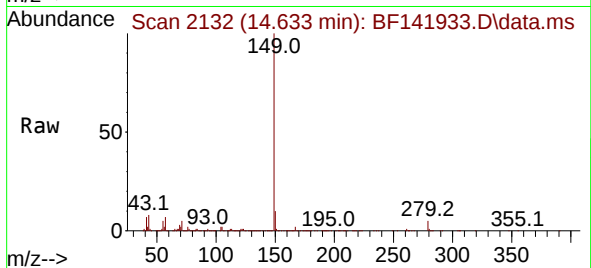




#85
Di-n-octyl phthalate
Concen: 47.183 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

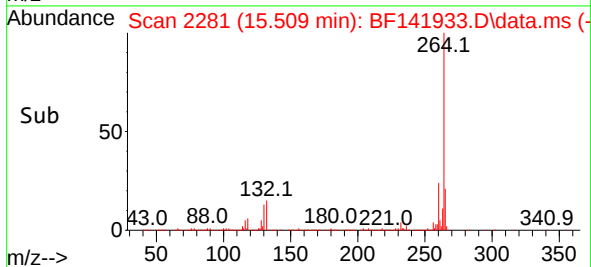
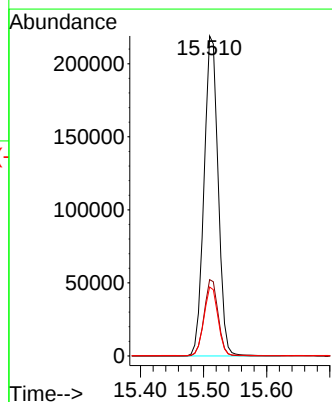
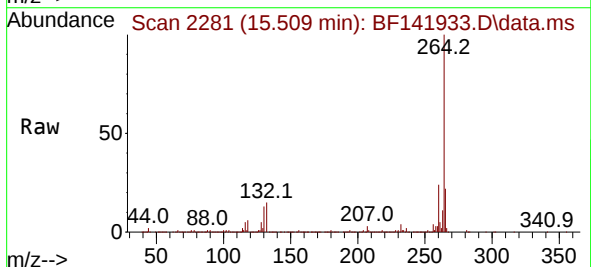
Instrument :
BNA_F
ClientSampleId :
PB167089BS

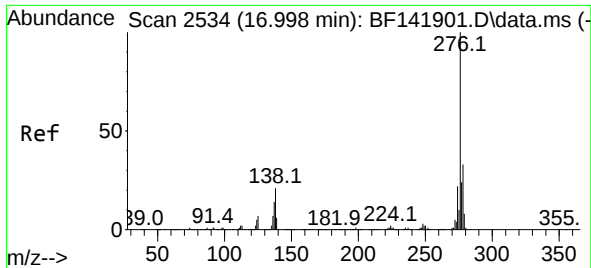
Tgt Ion:149 Resp: 1140036
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:264 Resp: 338585
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.5 17.5 26.3

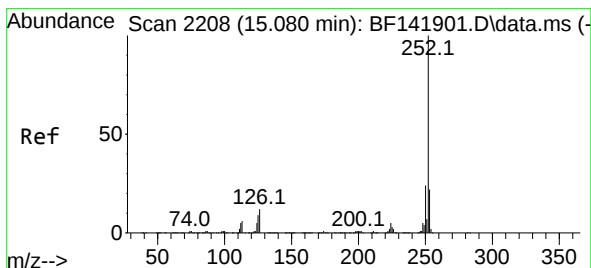
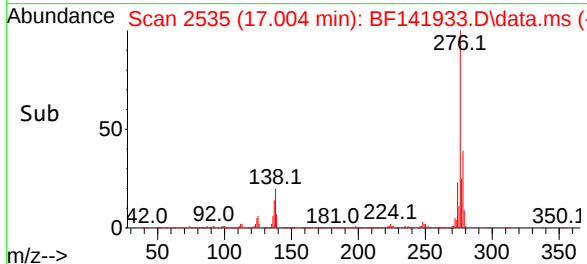
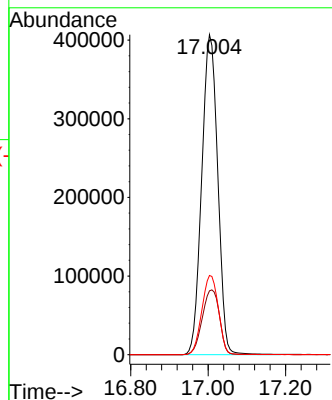
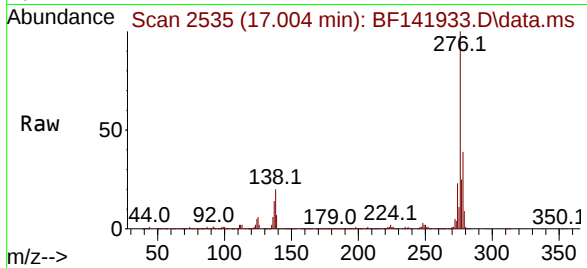




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.237 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

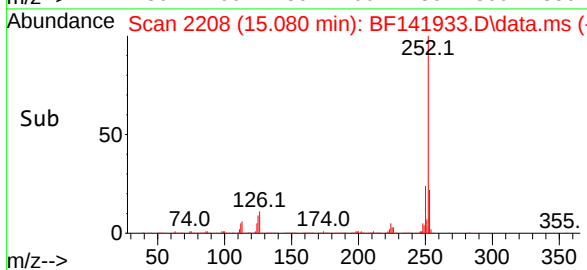
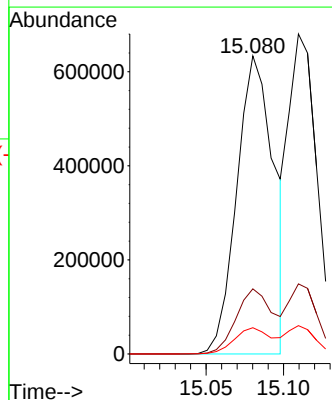
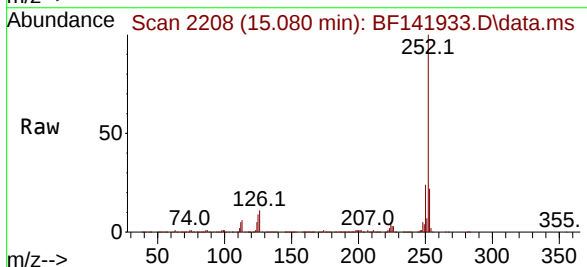
Instrument :
BNA_F
ClientSampleId :
PB167089BS

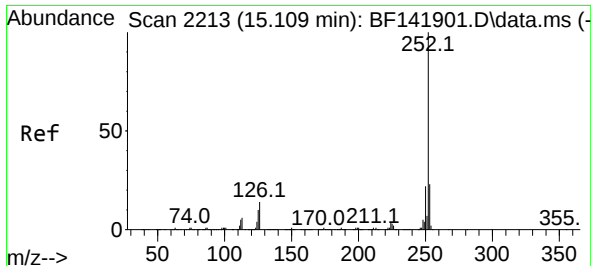
Tgt Ion:276 Resp: 1166022
Ion Ratio Lower Upper
276 100
138 21.9 18.4 27.6
277 25.5 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 45.360 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:252 Resp: 1052581
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.8 7.0 10.4

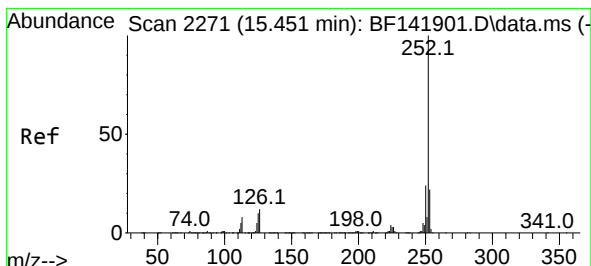
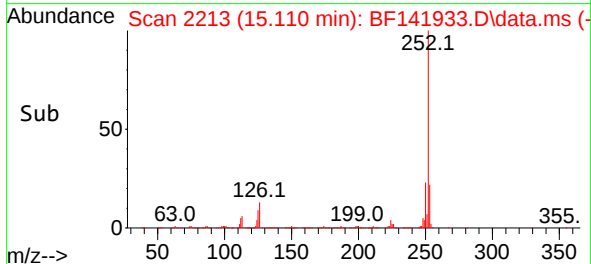
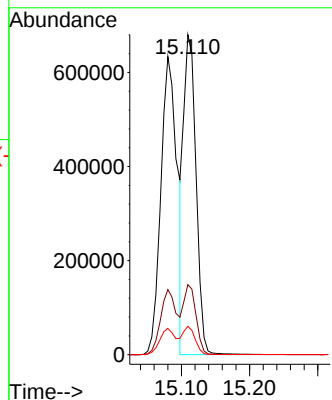
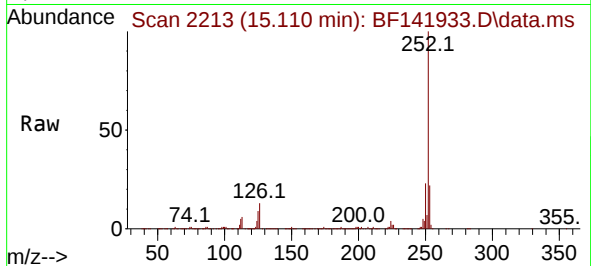




#89
Benzo(k)fluoranthene
Concen: 43.492 ng
RT: 15.110 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

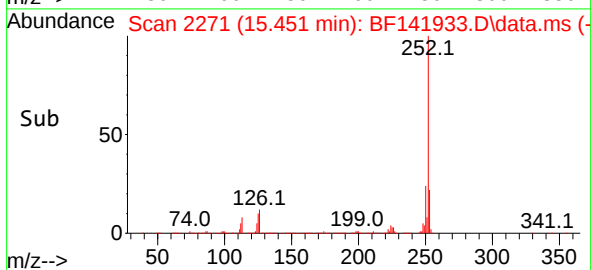
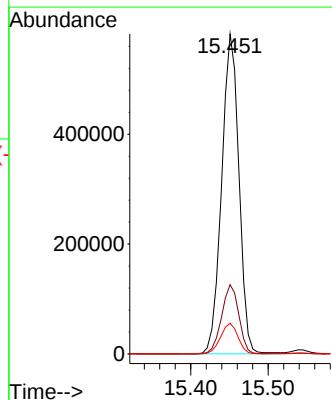
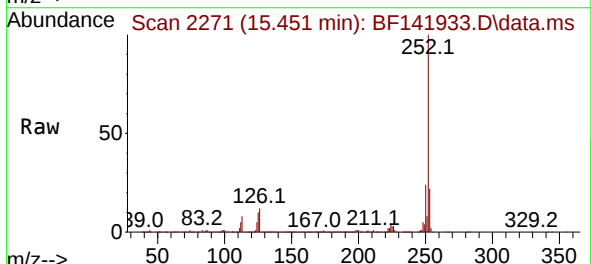
Instrument :
BNA_F
ClientSampleId :
PB167089BS

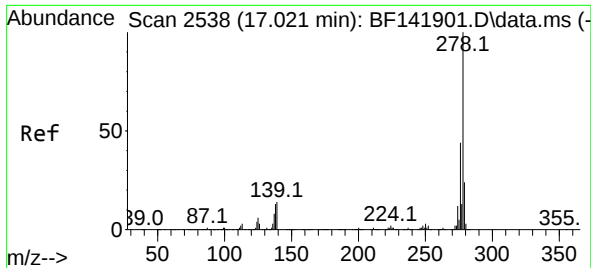
Tgt Ion:252 Resp: 863670
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.8 7.2 10.8



#90
Benzo(a)pyrene
Concen: 49.644 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:252 Resp: 901397
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.6 7.8 11.8

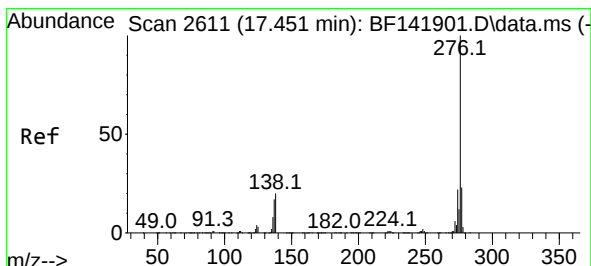
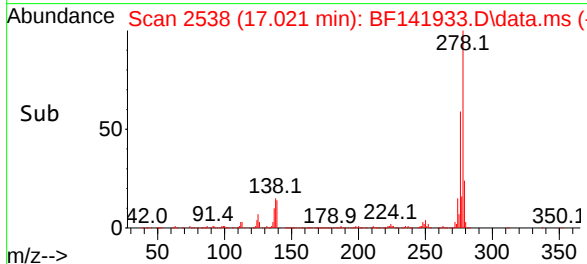
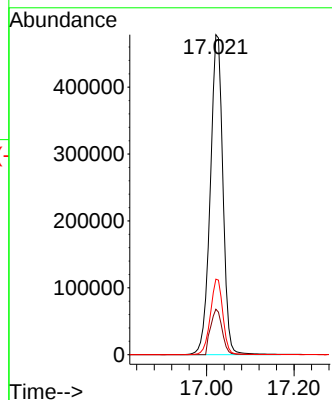
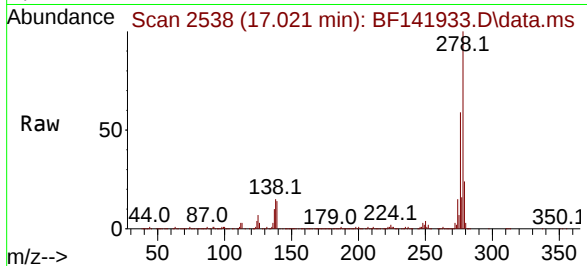




#91
 Dibenzo(a,h)anthracene
 Concen: 53.119 ng
 RT: 17.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141933.D
 Acq: 12 Mar 2025 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB167089BS

Tgt Ion:278 Resp: 959924
 Ion Ratio Lower Upper
 278 100
 139 14.2 11.4 17.2
 279 23.6 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 51.026 ng
 RT: 17.456 min Scan# 2612
 Delta R.T. 0.006 min
 Lab File: BF141933.D
 Acq: 12 Mar 2025 11:06

Tgt Ion:276 Resp: 911236
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.7 28.1
 138 18.2 15.8 23.8

