

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142070.D
 Acq On : 25 Mar 2025 11:09
 Operator : RC/JU
 Sample : PB167274BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167274BS

Quant Time: Mar 25 11:45:08 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	6.875	152	129139	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	522093	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	302608	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	543533	20.000	ng	0.00
76) Chrysene-d12	14.033	240	302856	20.000	ng	0.00
86) Perylene-d12	15.504	264	273867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1172189	151.491	ng	0.01
7) Phenol-d6	6.504	99	1443747	146.547	ng	0.00
23) Nitrobenzene-d5	7.440	82	964308	103.942	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	706205	183.956	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2064823	103.771	ng	0.00
79) Terphenyl-d14	12.980	244	2648255	129.280	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	140481	43.330	ng	97
3) Pyridine	3.499	79	324526	40.807	ng	97
4) n-Nitrosodimethylamine	3.434	42	163230	43.058	ng	96
6) Aniline	6.534	93	367319	37.795	ng	# 89
8) 2-Chlorophenol	6.657	128	413702	48.208	ng	99
9) Benzaldehyde	6.422	77	99229	18.009	ng	99
10) Phenol	6.516	94	476532	45.978	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	349429	44.900	ng	98
12) 1,3-Dichlorobenzene	6.816	146	429884	46.399	ng	99
13) 1,4-Dichlorobenzene	6.893	146	440202	46.959	ng	98
14) 1,2-Dichlorobenzene	7.045	146	420434	47.617	ng	98
15) Benzyl Alcohol	7.016	79	358977	45.071	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	384793	40.955	ng	95
17) 2-Methylphenol	7.122	107	324992	47.630	ng	99
18) Hexachloroethane	7.387	117	163917	46.631	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	266415	42.085	ng	99
20) 3+4-Methylphenols	7.275	107	410129	46.926	ng	# 86
22) Acetophenone	7.281	105	608758	48.689	ng	96
24) Nitrobenzene	7.457	77	416912	45.204	ng	98
25) Isophorone	7.692	82	755549	46.072	ng	99
26) 2-Nitrophenol	7.769	139	228050	50.380	ng	99
27) 2,4-Dimethylphenol	7.804	122	350384	56.215	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	450261	43.775	ng	99
29) 2,4-Dichlorophenol	8.010	162	363857	47.031	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	390960	45.856	ng	100
31) Naphthalene	8.175	128	1191000	44.409	ng	100
32) Benzoic acid	7.928	122	275519	50.287	ng	97
33) 4-Chloroaniline	8.222	127	201436	21.277	ng	98
34) Hexachlorobutadiene	8.292	225	263275	47.351	ng	99
35) Caprolactam	8.592	113	80148	33.980	ng	91
36) 4-Chloro-3-methylphenol	8.704	107	398472	46.172	ng	99
37) 2-Methylnaphthalene	8.869	142	776891	43.338	ng	100
38) 1-Methylnaphthalene	8.969	142	766777	44.326	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	469660	50.977	ng	99
41) Hexachlorocyclopentadiene	9.022	237	558279	154.834	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	289706	48.114	ng	99

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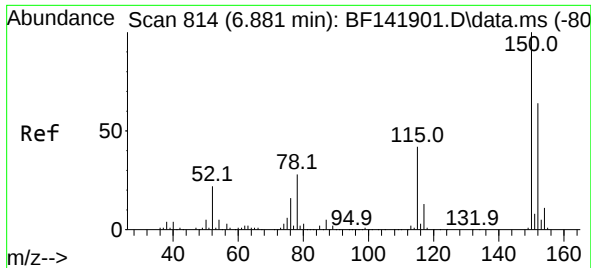
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	293856	48.187	ng	100
46) 1,1'-Biphenyl	9.334	154	1145949	49.840	ng	99
47) 2-Chloronaphthalene	9.357	162	785973	45.863	ng	99
48) 2-Nitroaniline	9.451	65	233668	47.091	ng	98
49) Acenaphthylene	9.775	152	1240563	48.781	ng	100
50) Dimethylphthalate	9.634	163	985586	46.510	ng	100
51) 2,6-Dinitrotoluene	9.692	165	217727	49.347	ng	97
52) Acenaphthene	9.945	154	939330	52.559	ng	100
53) 3-Nitroaniline	9.863	138	128191	28.643	ng	99
54) 2,4-Dinitrophenol	9.975	184	258179	101.100	ng	# 45
55) Dibenzofuran	10.116	168	1152234	45.120	ng	99
56) 4-Nitrophenol	10.028	139	340583	100.910	ng	96
57) 2,4-Dinitrotoluene	10.098	165	304173	52.783	ng	99
58) Fluorene	10.463	166	915719	46.499	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	271100	48.854	ng	98
60) Diethylphthalate	10.334	149	973810	46.087	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	481030	46.851	ng	98
62) 4-Nitroaniline	10.481	138	201448	46.233	ng	98
63) Azobenzene	10.610	77	853970	43.470	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	173343	53.497	ng	93
66) n-Nitrosodiphenylamine	10.569	169	808364	45.959	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	313496	45.926	ng	100
68) Hexachlorobenzene	11.010	284	370884	49.539	ng	95
69) Atrazine	11.098	200	339977	63.051	ng	99
70) Pentachlorophenol	11.204	266	442499	95.929	ng	99
71) Phenanthrene	11.422	178	1387852	47.273	ng	99
72) Anthracene	11.475	178	1426742	48.440	ng	99
73) Carbazole	11.628	167	1176645	46.322	ng	100
74) Di-n-butylphthalate	11.957	149	1527054	45.307	ng	100
75) Fluoranthene	12.610	202	1419625	45.586	ng	99
77) Benzidine	12.727	184	254189	60.157	ng	100
78) Pyrene	12.839	202	1400267	53.451	ng	100
80) Butylbenzylphthalate	13.451	149	527685	51.463	ng	99
81) Benzo(a)anthracene	14.027	228	962649	48.439	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	169880	29.580	ng	99
83) Chrysene	14.063	228	847099	47.023	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	694674	49.136	ng	99
85) Di-n-octyl phthalate	14.621	149	938269	47.698	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	749335	42.297	ng	97
88) Benzo(b)fluoranthene	15.074	252	835193	44.497	ng	99
89) Benzo(k)fluoranthene	15.104	252	703377	43.790	ng	99
90) Benzo(a)pyrene	15.445	252	713179	48.560	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	598737	40.961	ng	99
92) Benzo(g,h,i)perylene	17.445	276	557501	38.596	ng	97

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

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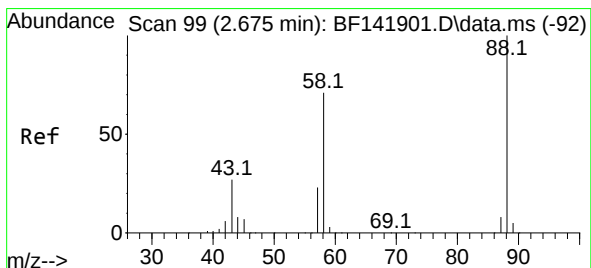
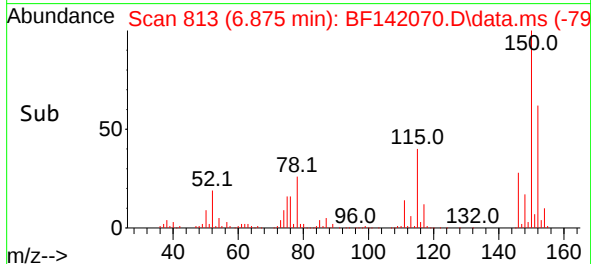
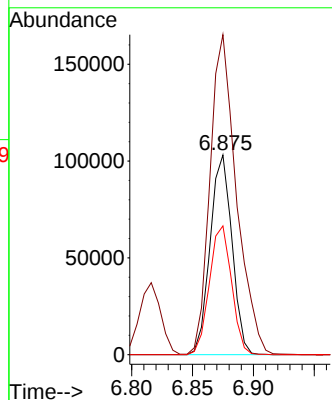
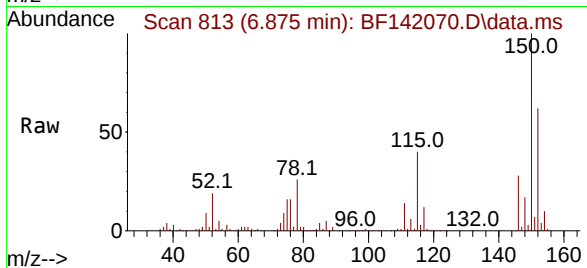




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

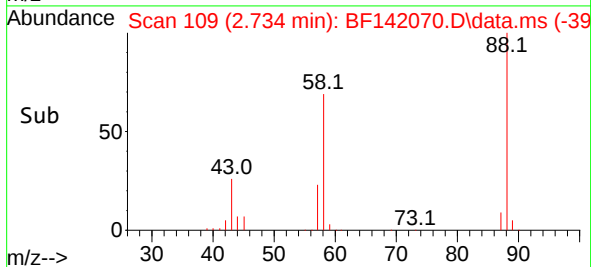
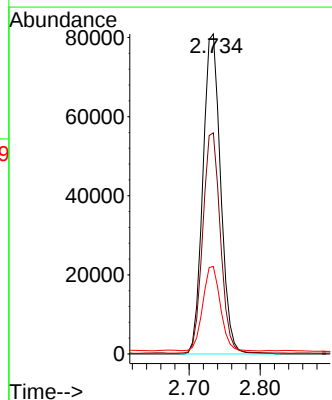
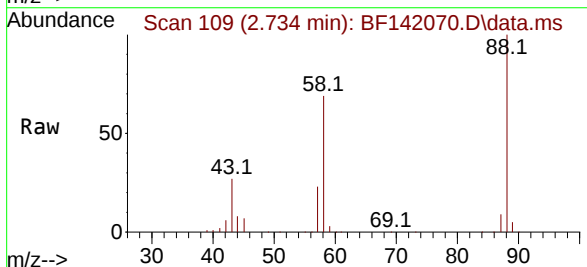
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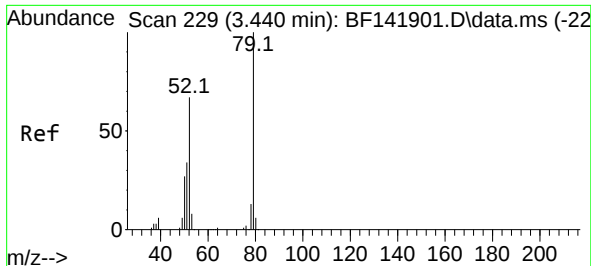
Tgt Ion:152 Resp: 129139
Ion Ratio Lower Upper
152 100
150 160.2 127.4 191.2
115 64.5 51.9 77.9



#2
1,4-Dioxane
Concen: 43.330 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.059 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

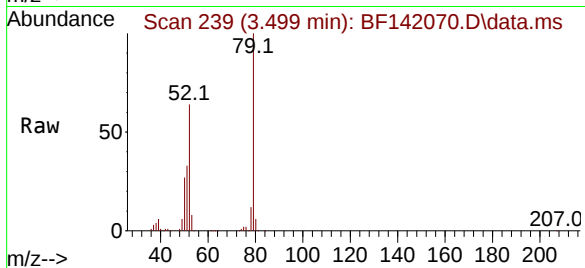
Tgt Ion: 88 Resp: 140481
Ion Ratio Lower Upper
88 100
58 68.6 57.4 86.2
43 26.3 21.5 32.3



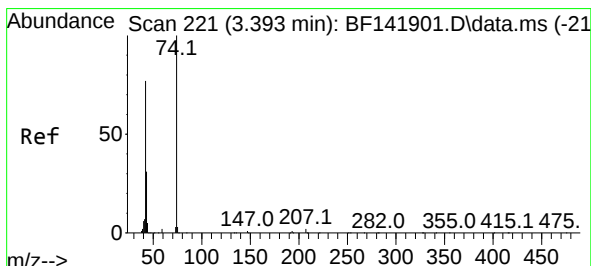
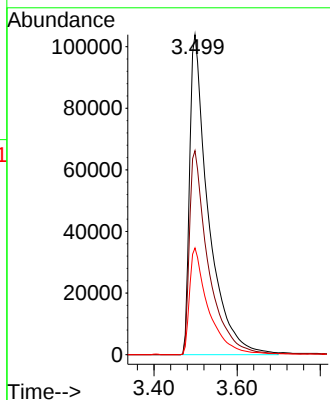
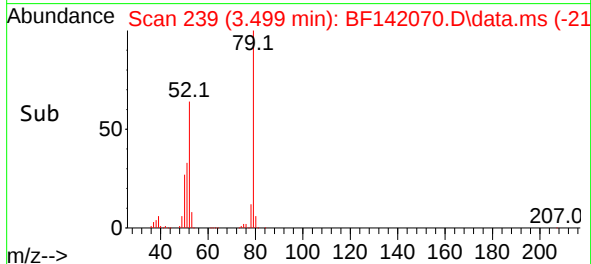


#3
 Pyridine
 Concen: 40.807 ng
 RT: 3.499 min Scan# 21
 Delta R.T. 0.059 min
 Lab File: BF142070.D
 Acq: 25 Mar 2025 11:09

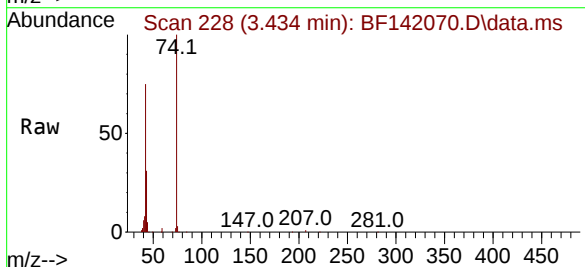
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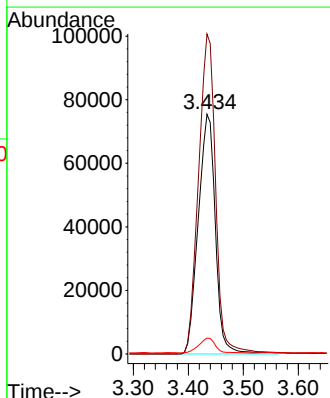
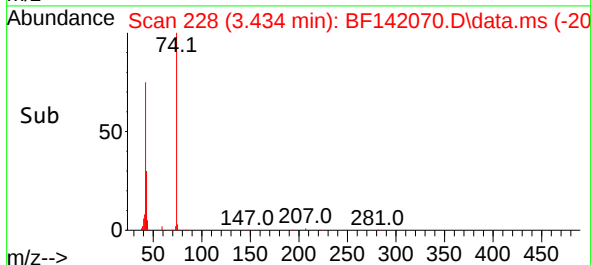
Tgt Ion: 79 Resp: 324526
 Ion Ratio Lower Upper
 79 100
 52 63.8 53.3 79.9
 51 33.4 27.6 41.4

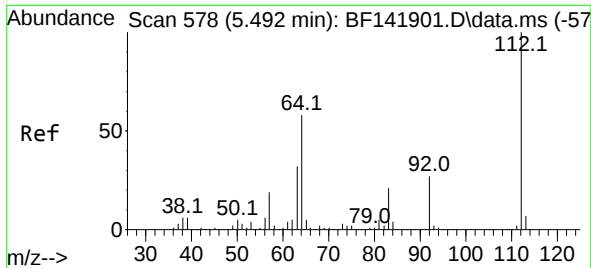


#4
 n-Nitrosodimethylamine
 Concen: 43.058 ng
 RT: 3.434 min Scan# 228
 Delta R.T. 0.041 min
 Lab File: BF142070.D
 Acq: 25 Mar 2025 11:09



Tgt Ion: 42 Resp: 163230
 Ion Ratio Lower Upper
 42 100
 74 133.5 103.4 155.0
 44 6.6 5.0 7.4

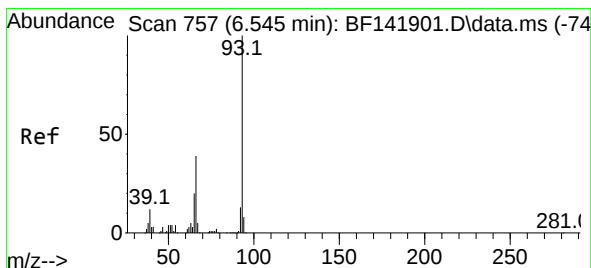
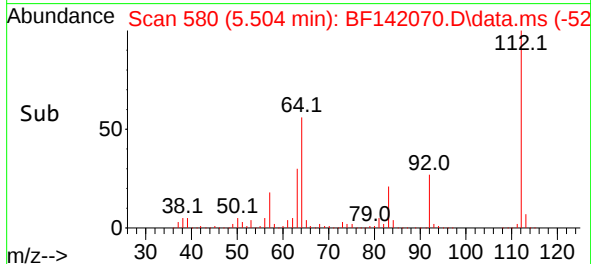
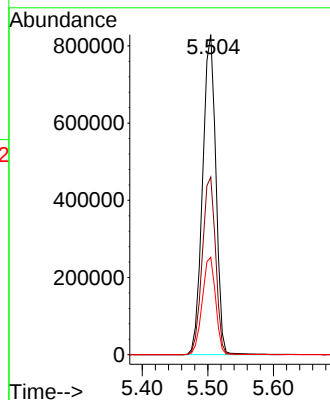
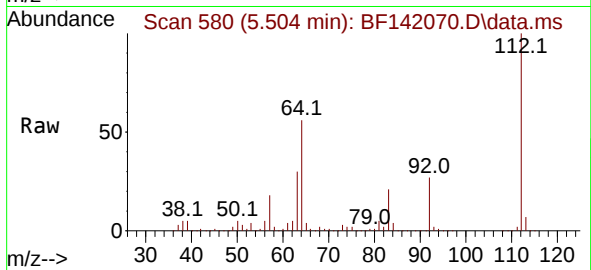




#5
2-Fluorophenol
Concen: 151.491 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

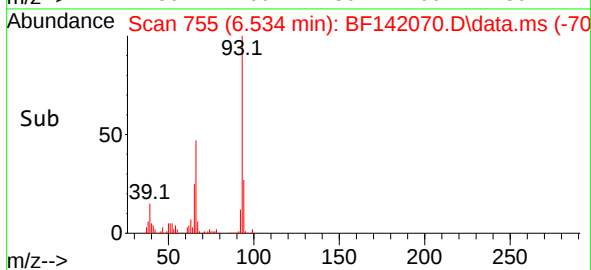
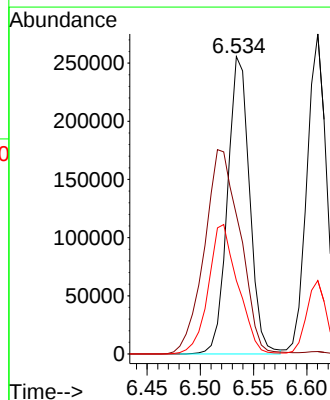
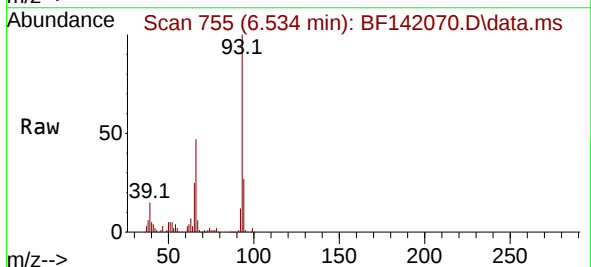
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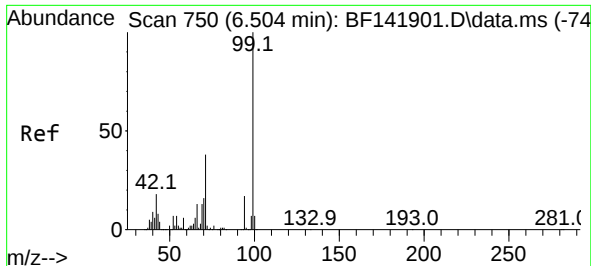
Tgt Ion:112 Resp: 1172189
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 30.5 25.4 38.2



#6
Aniline
Concen: 37.795 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion: 93 Resp: 367319
Ion Ratio Lower Upper
93 100
66 46.8 31.9 47.9
65 24.7 15.8 23.6#

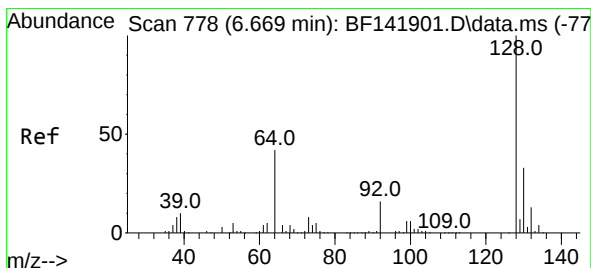
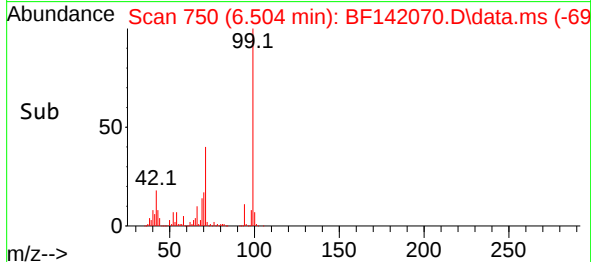
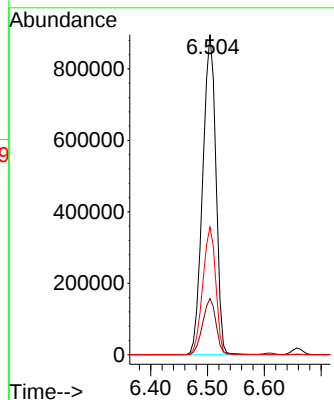
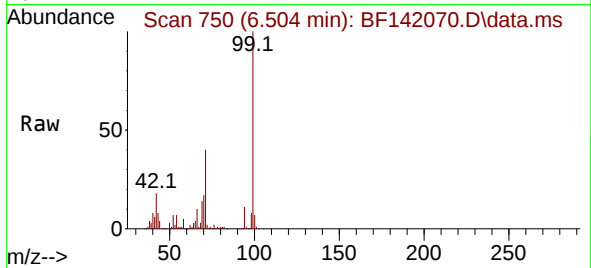




#7
Phenol-d6
Concen: 146.547 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

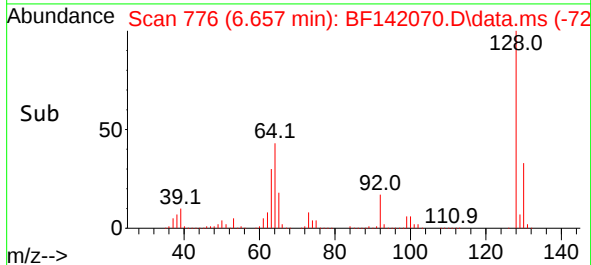
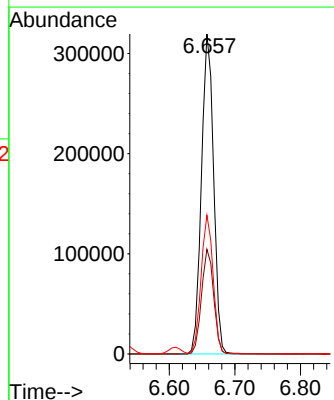
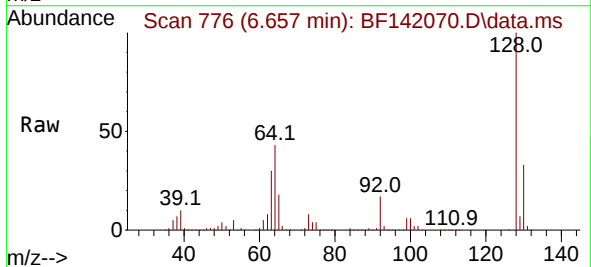
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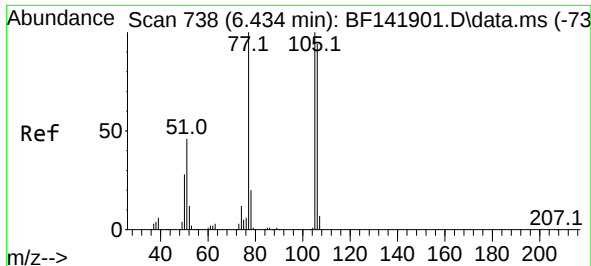
Tgt Ion: 99 Resp: 1443747
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 39.8 30.8 46.2



#8
2-Chlorophenol
Concen: 48.208 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:128 Resp: 413702
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 43.4 24.4 64.4

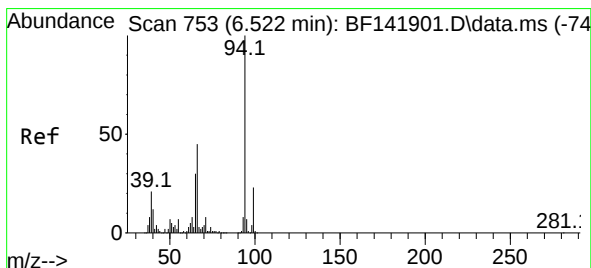
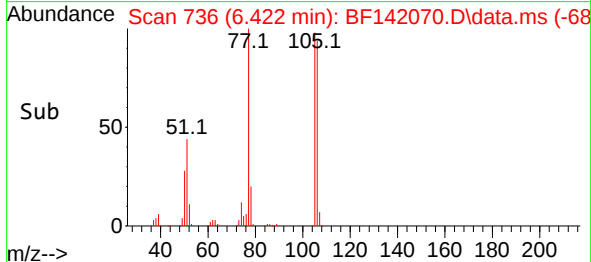
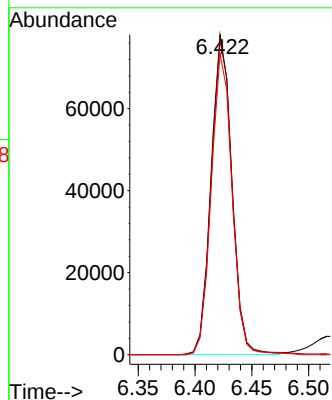
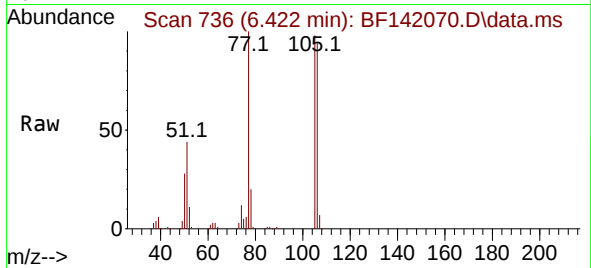




#9
Benzaldehyde
Concen: 18.009 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

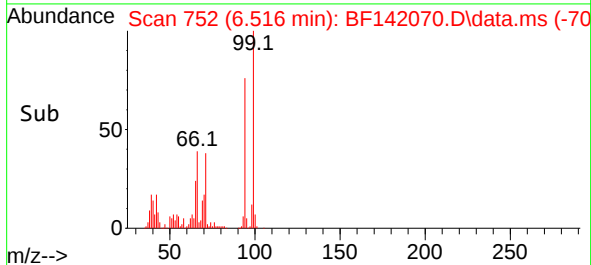
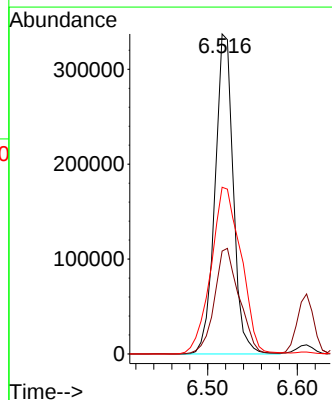
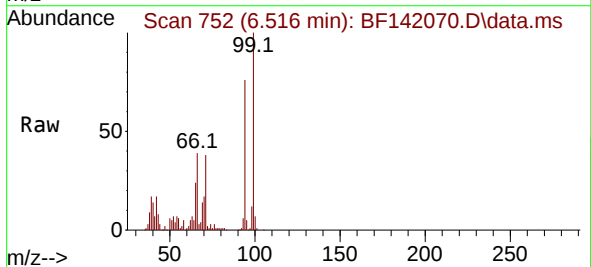
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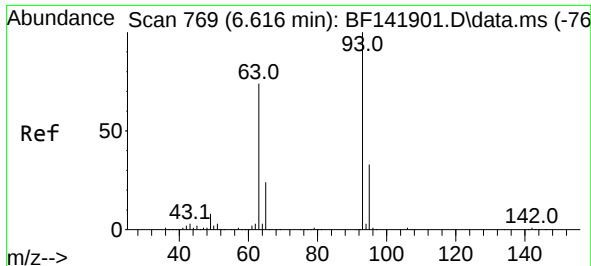
Tgt Ion: 77 Resp: 99229
Ion Ratio Lower Upper
77 100
105 98.4 80.0 120.0
106 94.1 74.5 114.5



#10
Phenol
Concen: 45.978 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion: 94 Resp: 476532
Ion Ratio Lower Upper
94 100
65 32.1 10.5 50.5
66 52.1 25.8 65.8

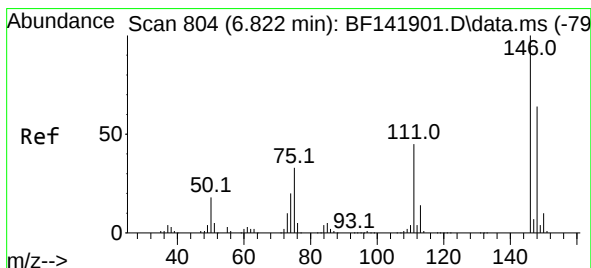
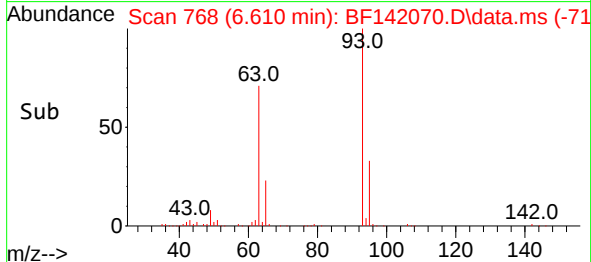
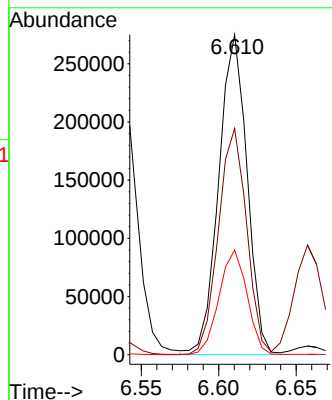
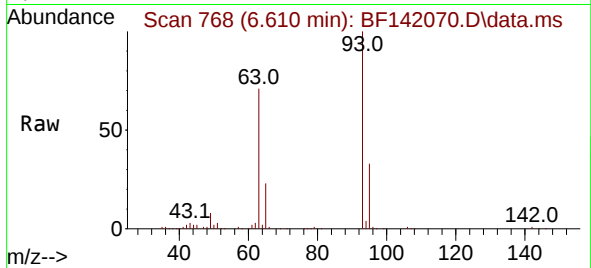




#11
bis(2-Chloroethyl)ether
Concen: 44.900 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

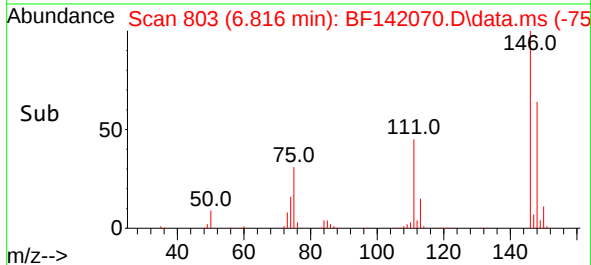
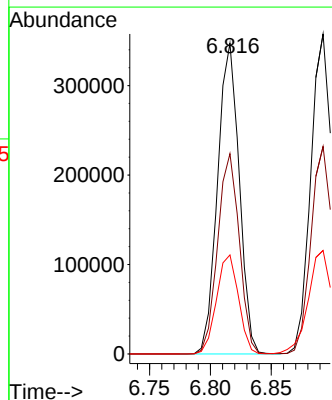
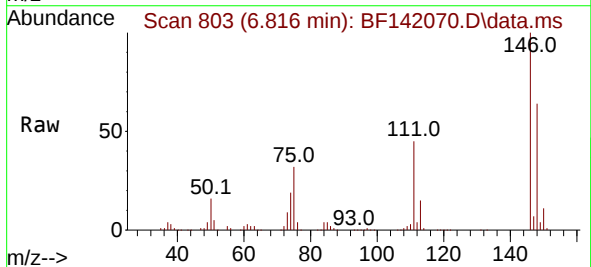
Instrument :
BNA_F
ClientSampleId :
PB167274BS

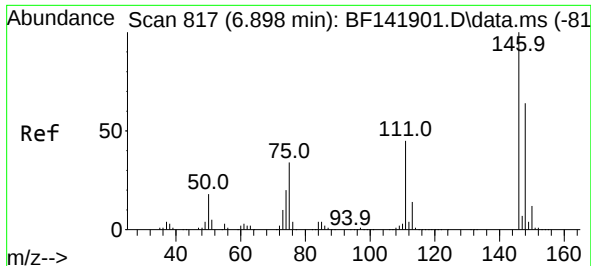
Tgt Ion: 93 Resp: 349429
Ion Ratio Lower Upper
93 100
63 70.7 53.0 93.0
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 46.399 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion: 146 Resp: 429884
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 31.9 26.6 40.0

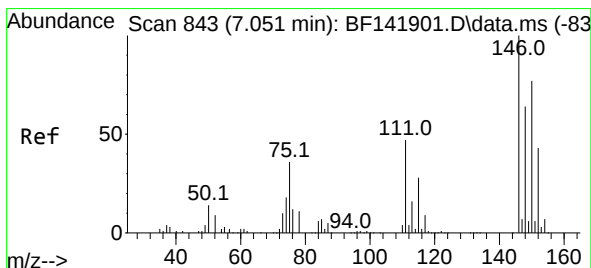
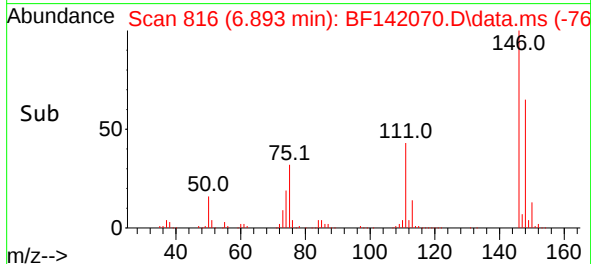
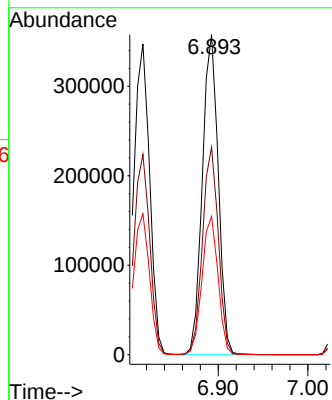
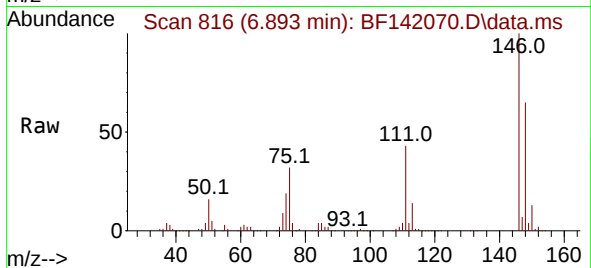




#13
1,4-Dichlorobenzene
Concen: 46.959 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

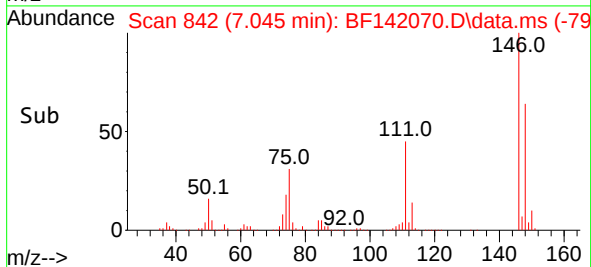
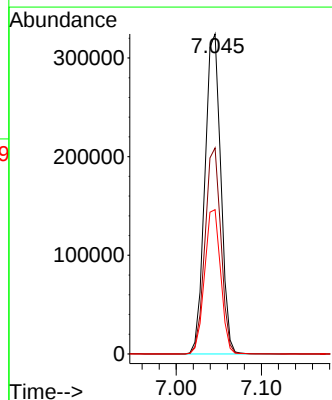
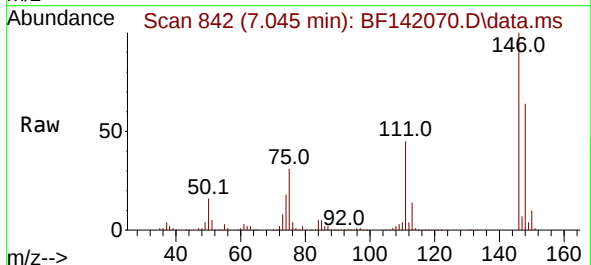
Instrument :
BNA_F
ClientSampleId :
PB167274BS

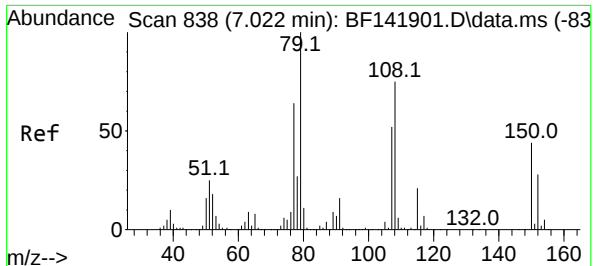
Tgt Ion:146 Resp: 440202
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 43.2 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 47.617 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:146 Resp: 420434
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 45.1 38.0 57.0





#15

Benzyl Alcohol

Concen: 45.071 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

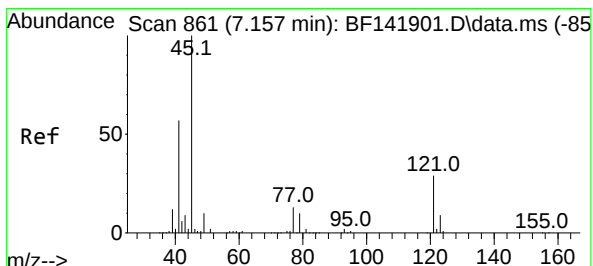
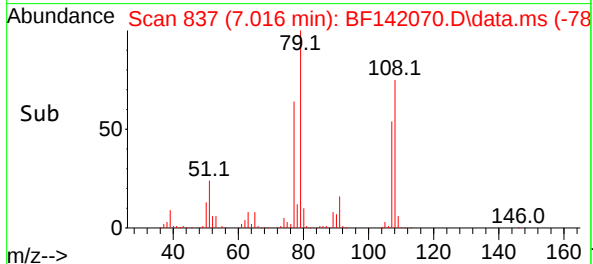
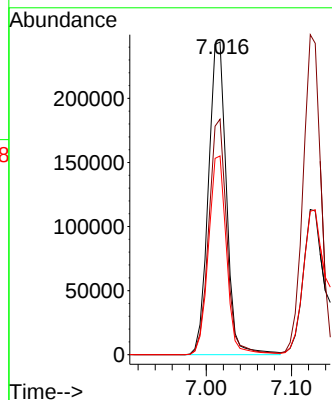
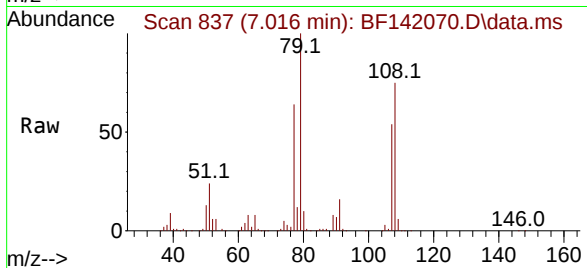
Tgt Ion: 79 Resp: 358977

Ion Ratio Lower Upper

79 100

108 75.3 59.7 89.5

77 63.6 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.955 ng

RT: 7.145 min Scan# 859

Delta R.T. -0.012 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

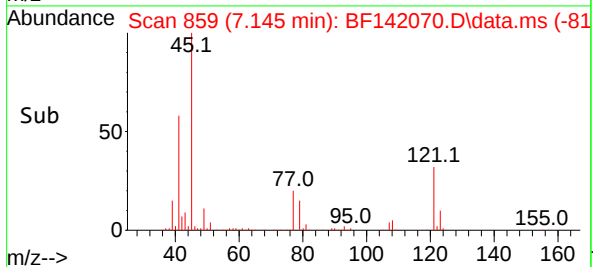
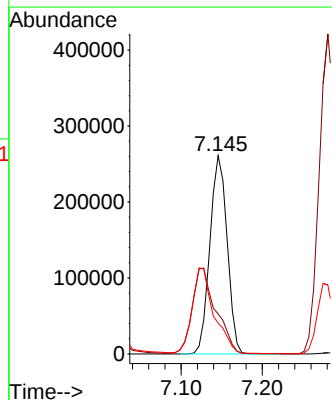
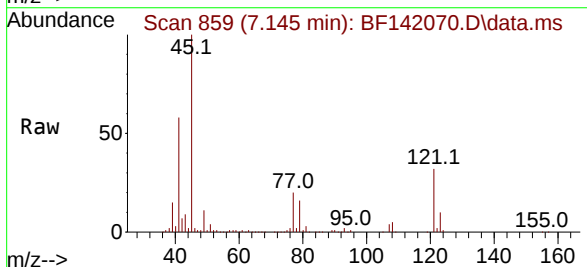
Tgt Ion: 45 Resp: 384793

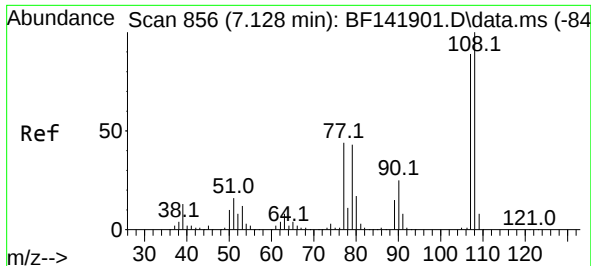
Ion Ratio Lower Upper

45 100

77 20.2 0.0 37.8

79 15.6 0.0 34.2

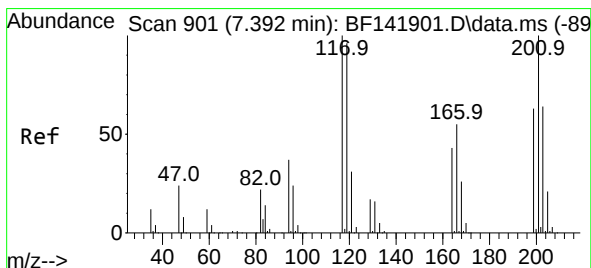
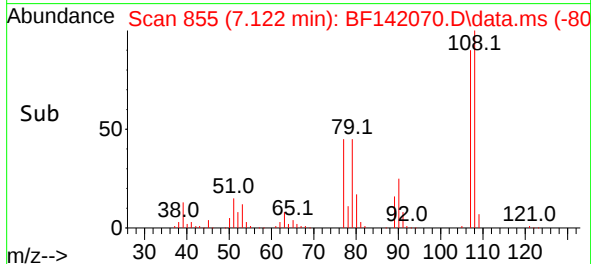
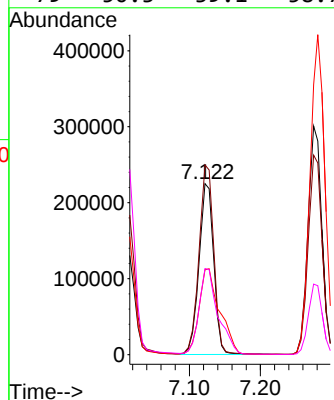
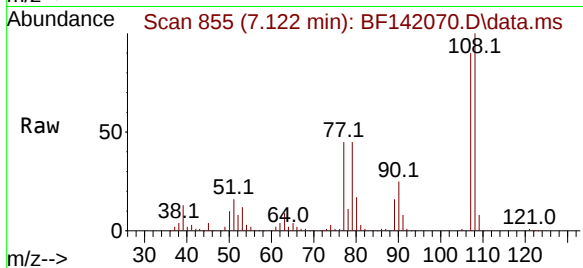




#17
2-Methylphenol
Concen: 47.630 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

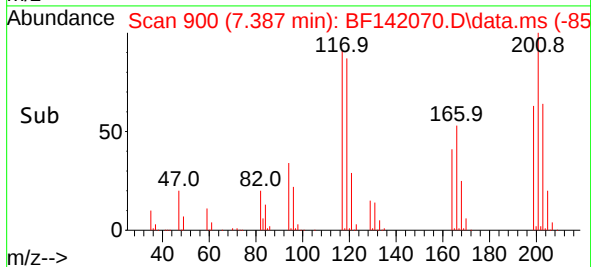
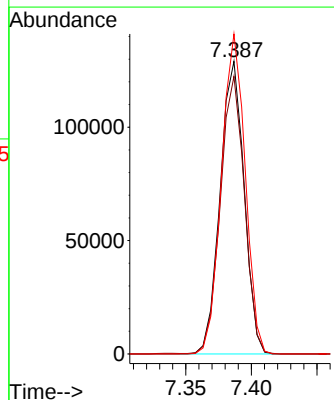
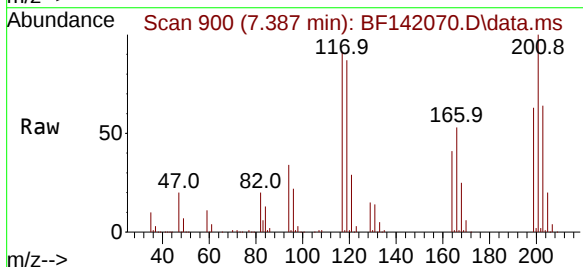
Instrument :
BNA_F
ClientSampleId :
PB167274BS

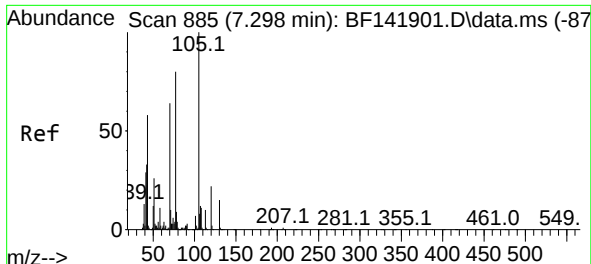
Tgt Ion:	107	Resp:	324992
Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.2	135.2
77	49.7	39.6	59.4
79	50.3	39.1	58.7



#18
Hexachloroethane
Concen: 46.631 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:	117	Resp:	163917
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.9	115.3
201	109.4	79.9	119.9

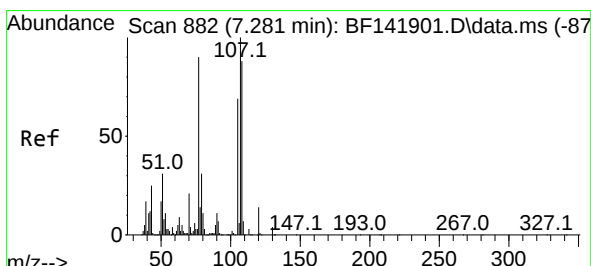
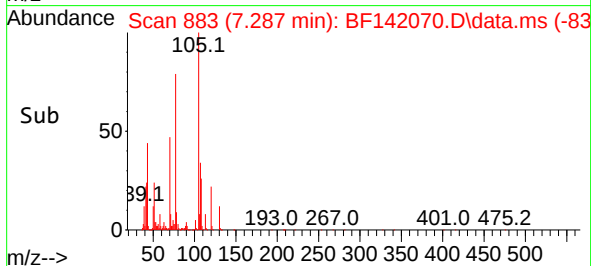
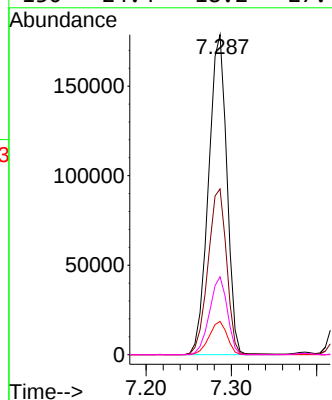
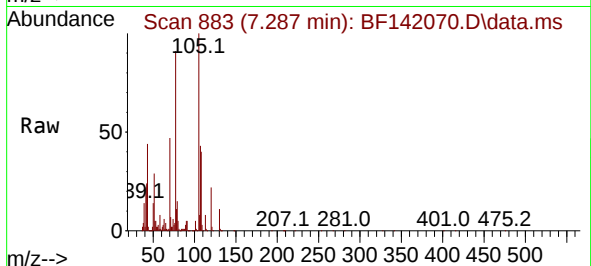




#19
n-Nitroso-di-n-propylamine
Concen: 42.085 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

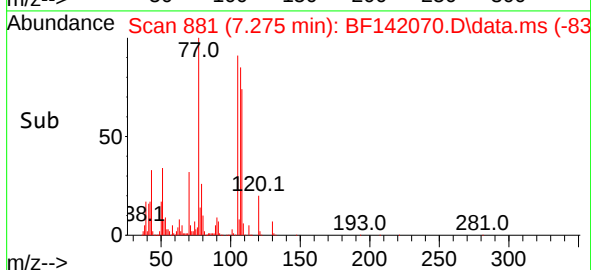
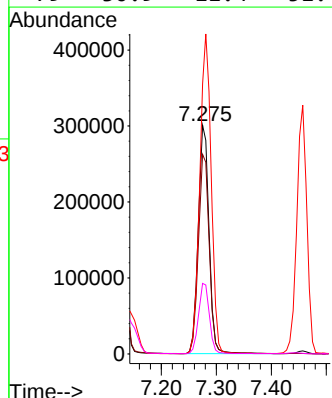
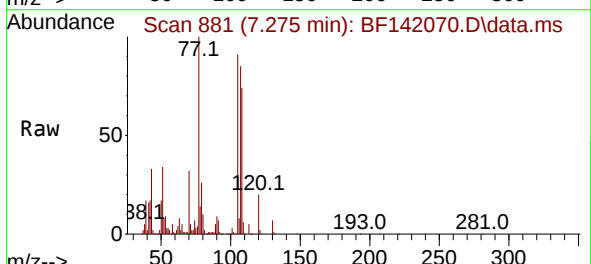
Instrument :
BNA_F
ClientSampleId :
PB167274BS

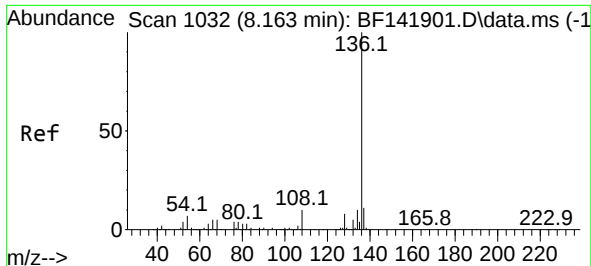
Tgt Ion: 70 Resp: 266415
Ion Ratio Lower Upper
70 100
42 51.8 41.4 62.0
101 10.4 8.2 12.2
130 24.4 18.2 27.4



#20
3+4-Methylphenols
Concen: 46.926 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:107 Resp: 410129
Ion Ratio Lower Upper
107 100
108 87.3 68.4 108.4
77 118.2 69.7 109.7#
79 30.9 11.4 51.4

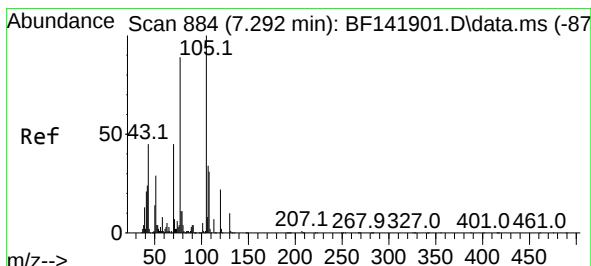
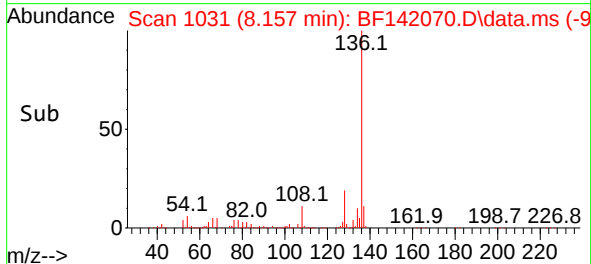
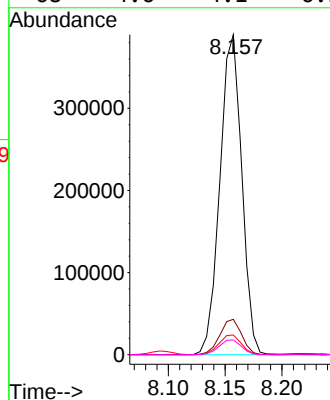
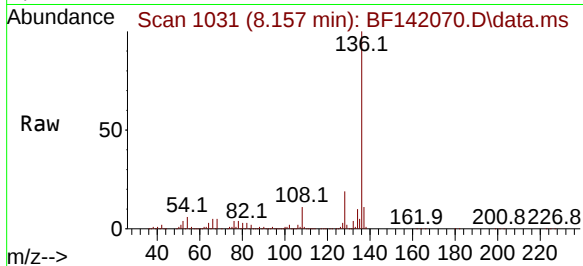




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

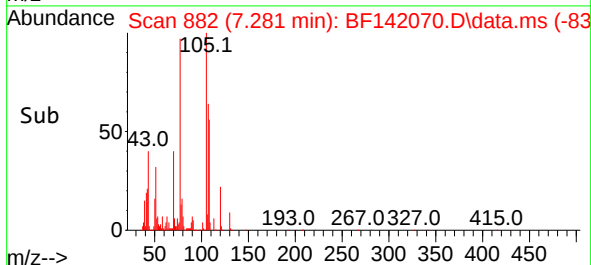
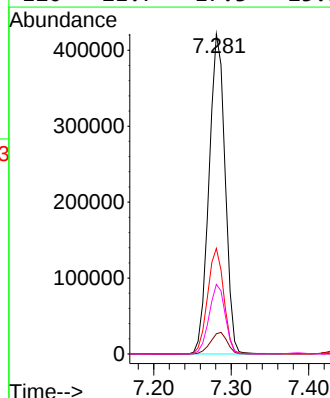
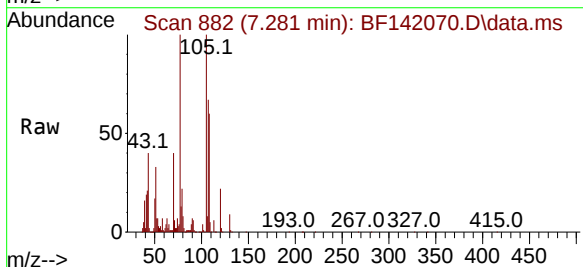
Instrument :
BNA_F
ClientSampleId :
PB167274BS

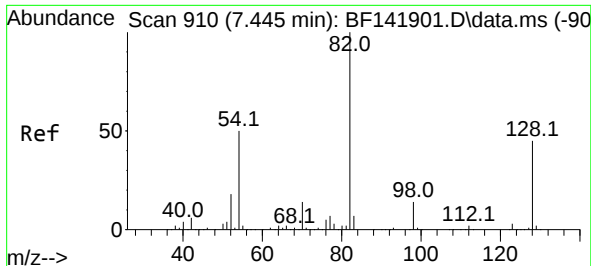
Tgt Ion	136	Resp:	522093
	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.2	5.8	8.8
68	4.6	4.1	6.1



#22
Acetophenone
Concen: 48.689 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:105	Resp: 608758
Ion Ratio	Lower Upper
105 100	
71 6.3	5.8 8.8
51 33.0	23.4 35.0
120 21.7	17.3 25.9

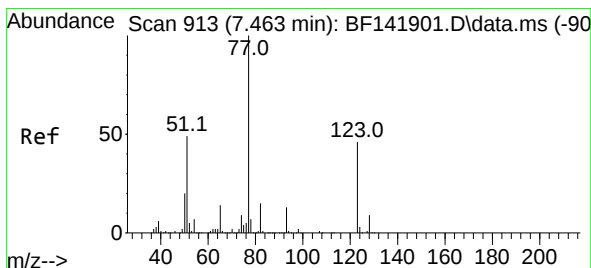
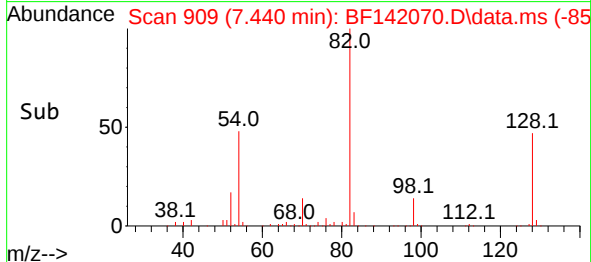
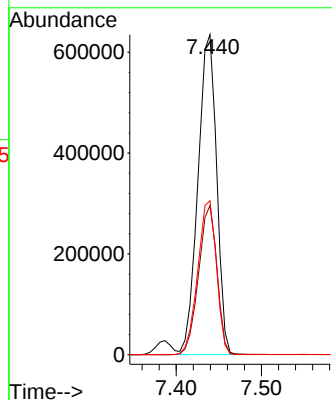
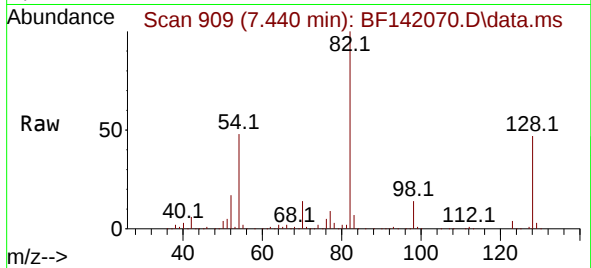




#23
Nitrobenzene-d5
Concen: 103.942 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

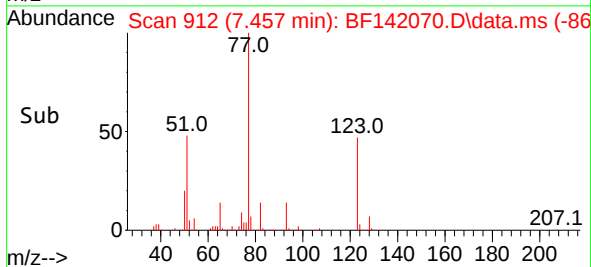
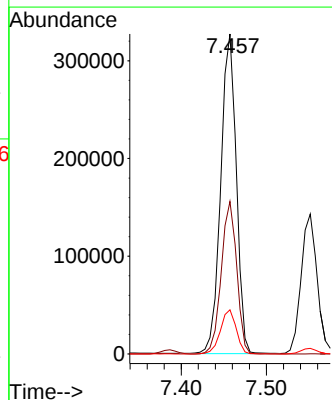
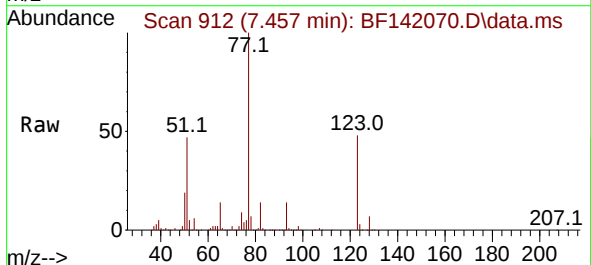
Instrument :
BNA_F
ClientSampleId :
PB167274BS

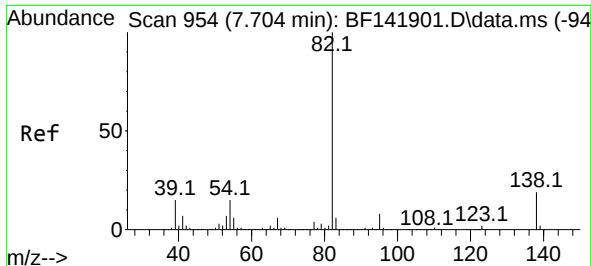
Tgt Ion: 82 Resp: 964308
Ion Ratio Lower Upper
82 100
128 46.6 36.0 54.0
54 48.1 39.6 59.4



#24
Nitrobenzene
Concen: 45.204 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion: 77 Resp: 416912
Ion Ratio Lower Upper
77 100
123 47.6 37.0 55.4
65 13.8 11.3 16.9

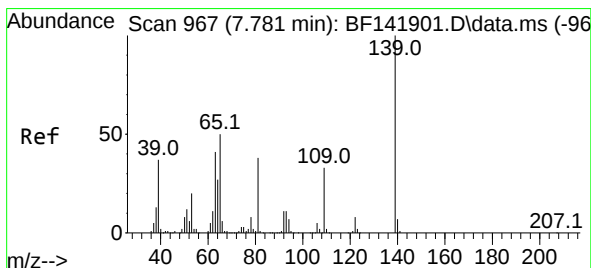
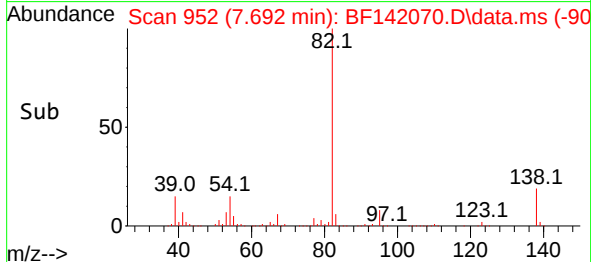
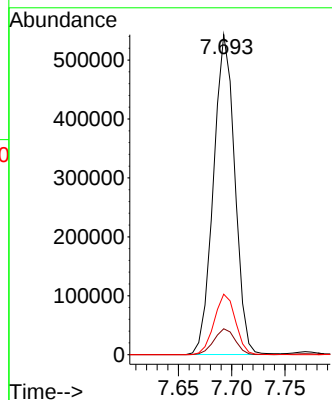
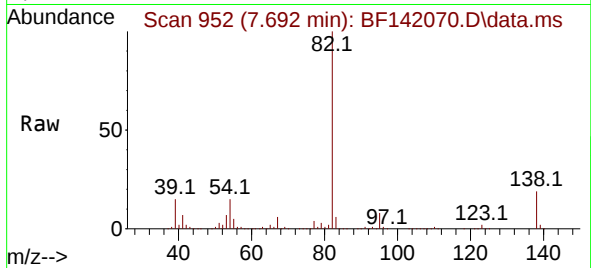




#25
Isophorone
Concen: 46.072 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

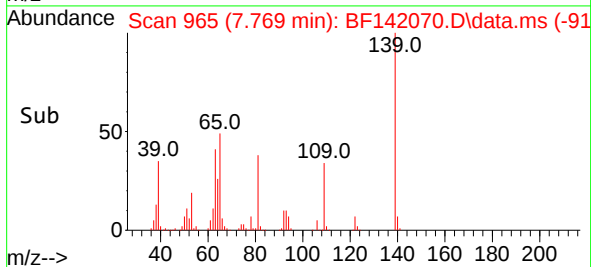
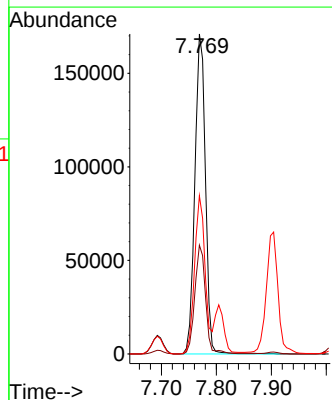
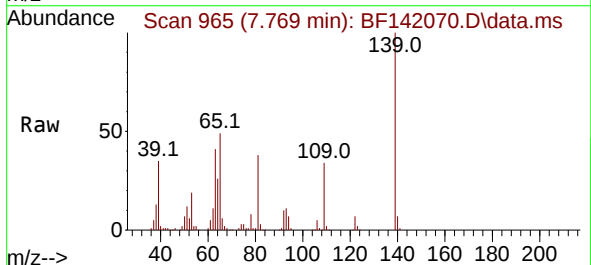
Instrument :
BNA_F
ClientSampleId :
PB167274BS

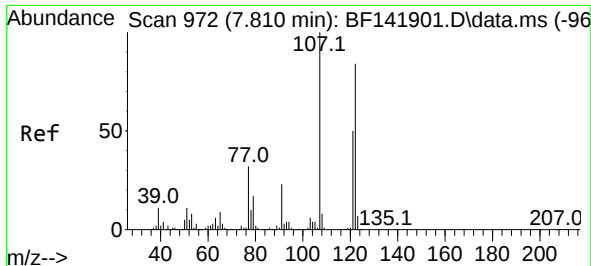
Tgt Ion: 82 Resp: 755549
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.9 14.9 22.3



#26
2-Nitrophenol
Concen: 50.380 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:139 Resp: 228050
Ion Ratio Lower Upper
139 100
109 34.0 26.5 39.7
65 49.4 40.3 60.5

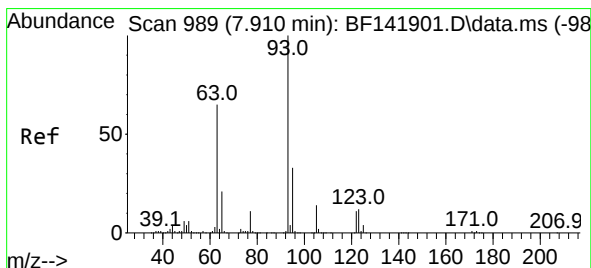
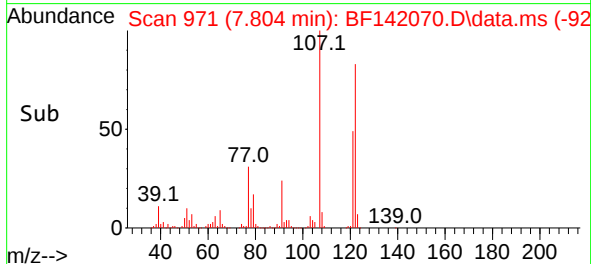
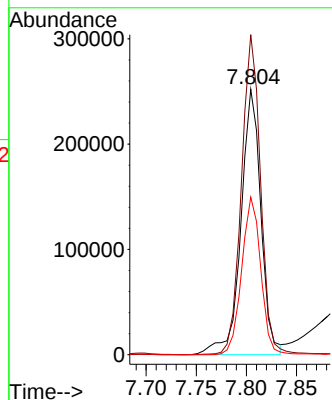
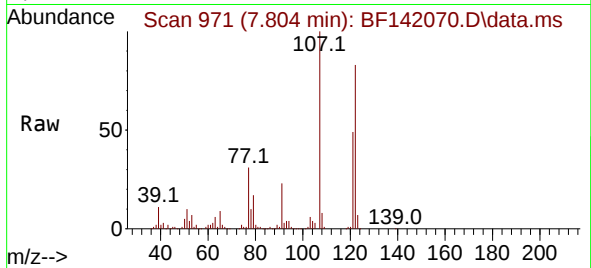




#27
2,4-Dimethylphenol
Concen: 56.215 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

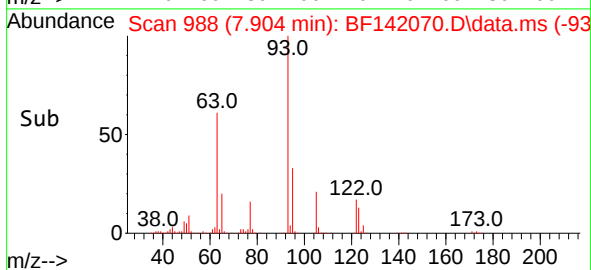
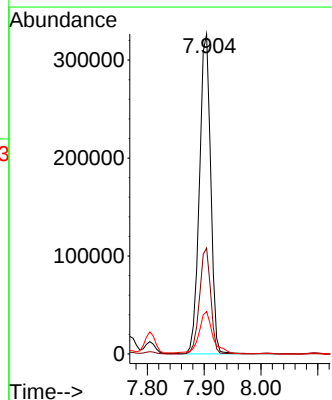
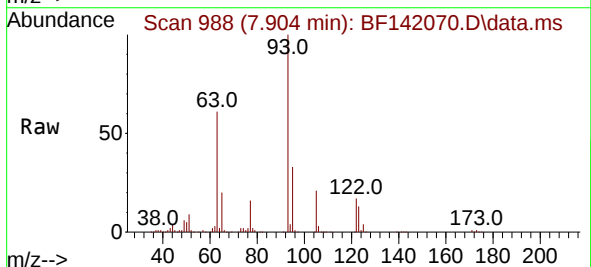
Instrument :
BNA_F
ClientSampleId :
PB167274BS

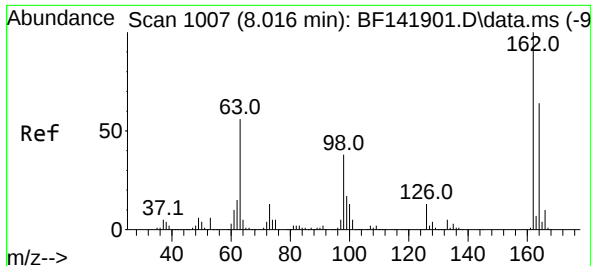
Tgt Ion:122 Resp: 350384
Ion Ratio Lower Upper
122 100
107 120.6 94.8 142.2
121 59.4 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.775 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion: 93 Resp: 450261
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 47.031 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

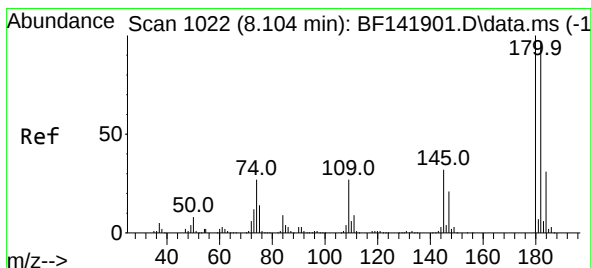
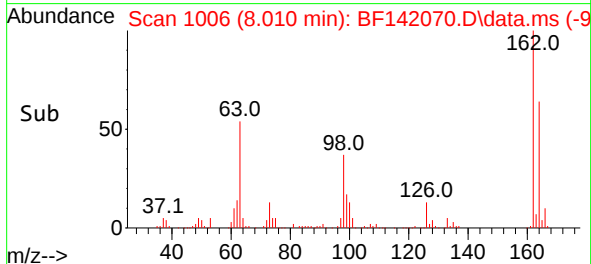
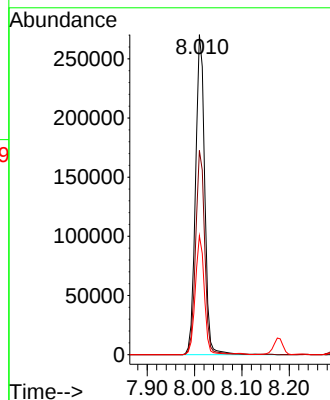
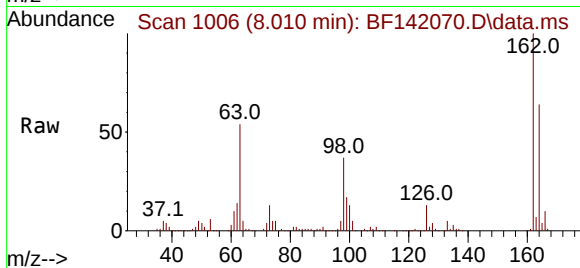
Tgt Ion:162 Resp: 363857

Ion Ratio Lower Upper

162 100

164 63.8 43.8 83.8

98 37.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 45.856 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

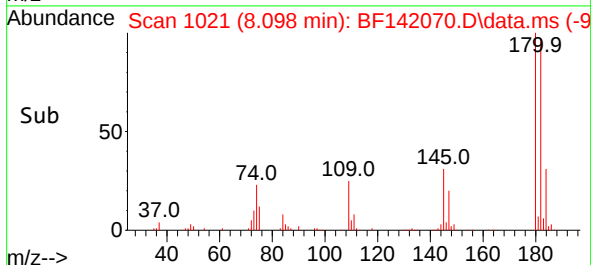
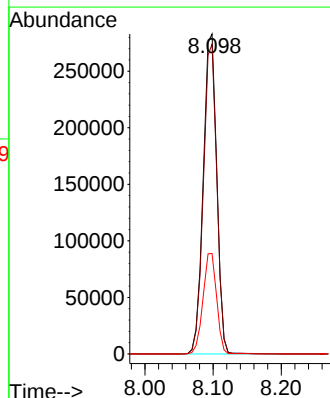
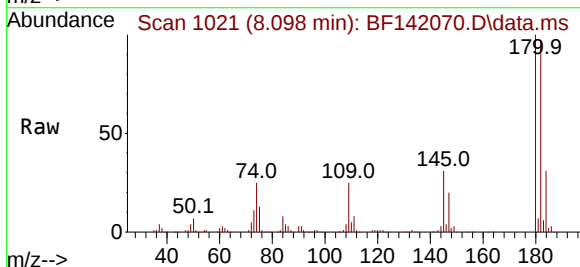
Tgt Ion:180 Resp: 390960

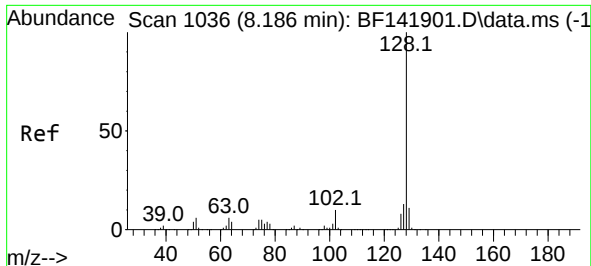
Ion Ratio Lower Upper

180 100

182 96.8 77.5 116.3

145 31.4 25.8 38.6

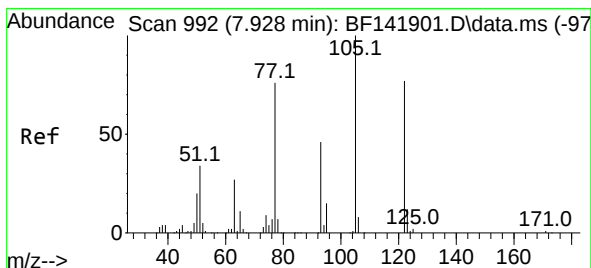
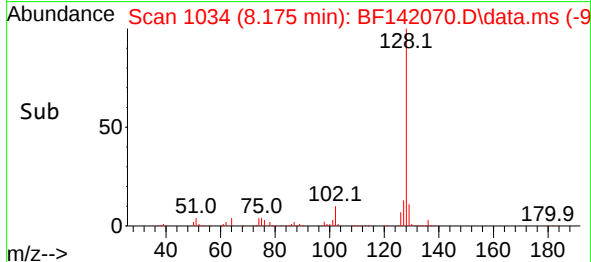
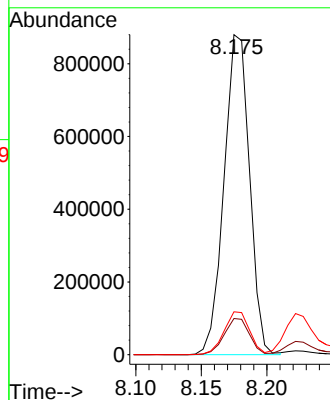
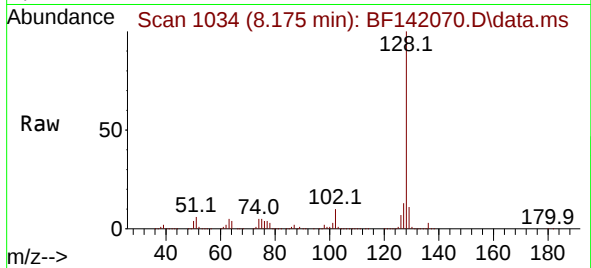




#31
Naphthalene
Concen: 44.409 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

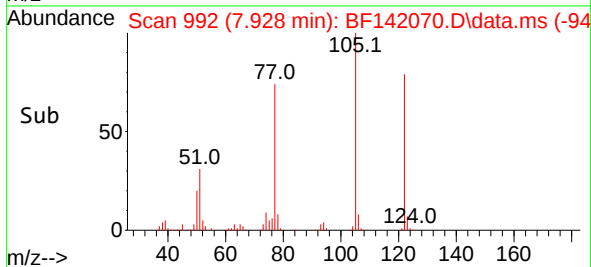
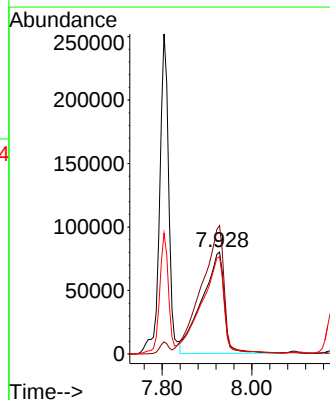
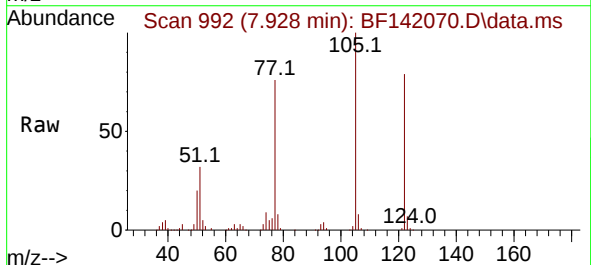
Instrument :
BNA_F
ClientSampleId :
PB167274BS

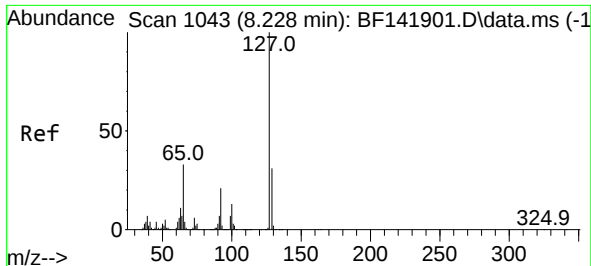
Tgt Ion:128 Resp: 1191000
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 50.287 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:122 Resp: 275519
Ion Ratio Lower Upper
122 100
105 125.9 107.9 147.9
77 95.4 79.0 119.0

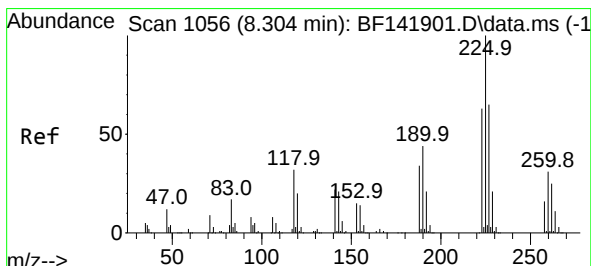
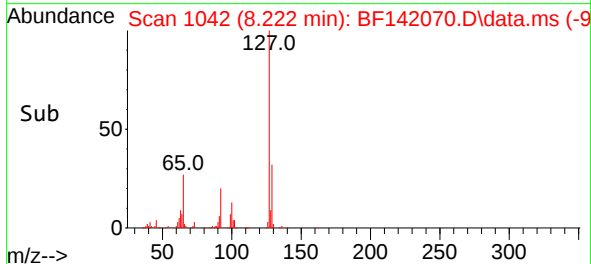
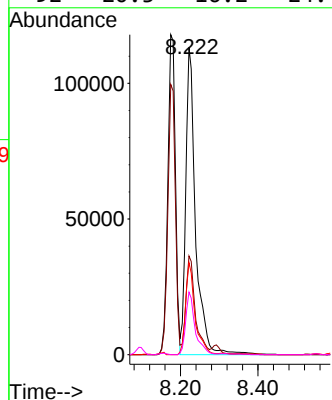
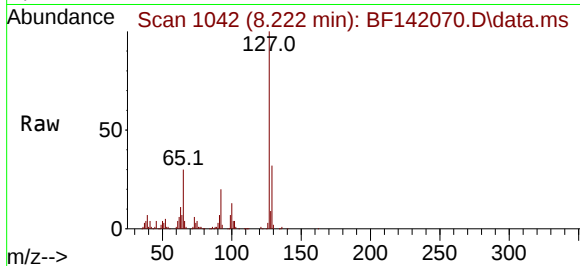




#33
4-Chloroaniline
Concen: 21.277 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

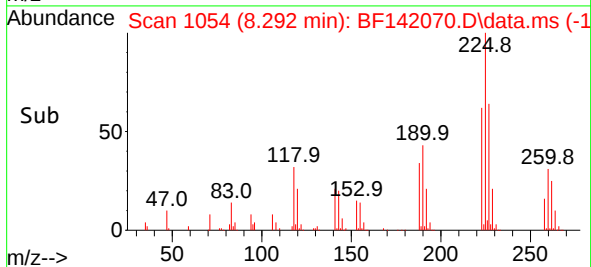
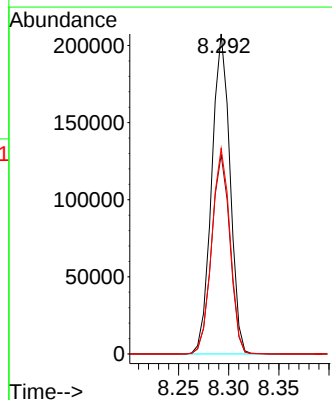
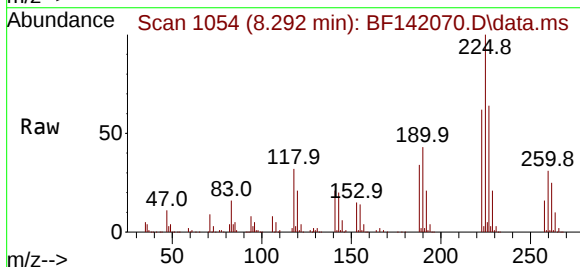
Instrument :
BNA_F
ClientSampleId :
PB167274BS

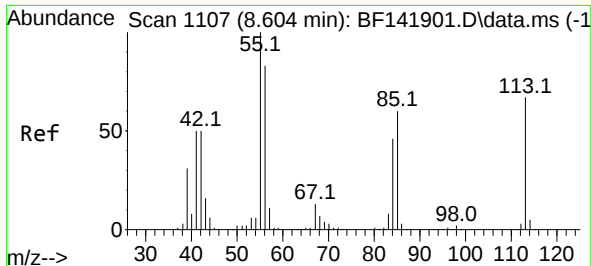
Tgt Ion:127	Resp: 201436
Ion Ratio	Lower Upper
127 100	
129 32.1	26.2 39.4
65 29.9	25.4 38.2
92 20.3	16.2 24.4



#34
Hexachlorobutadiene
Concen: 47.351 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt	Ion:225	Resp:	263275
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	75.8
227	64.3	52.2	78.2

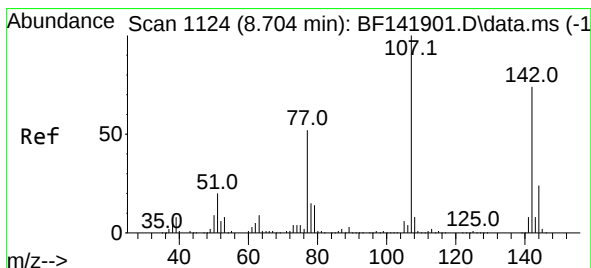
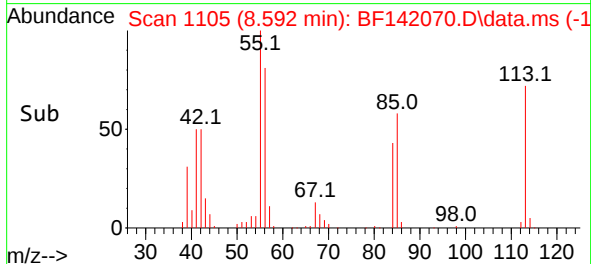
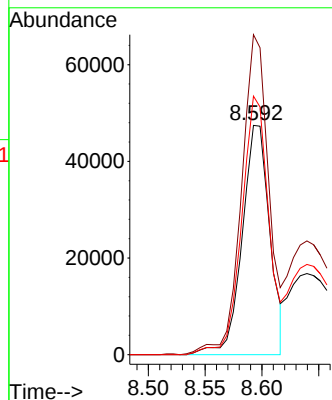
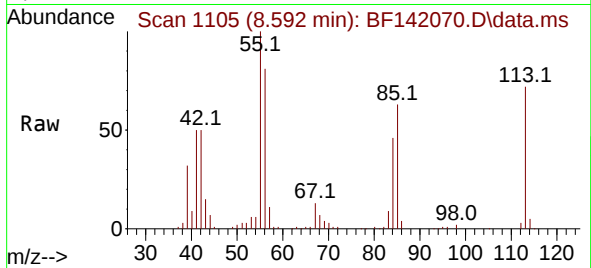




#35
Caprolactam
Concen: 33.980 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

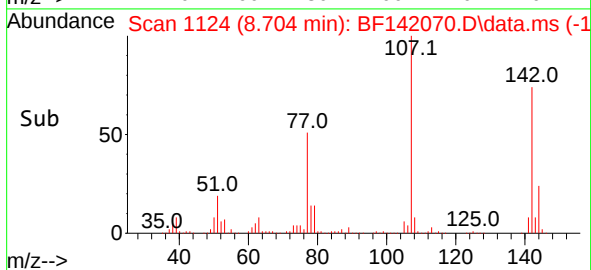
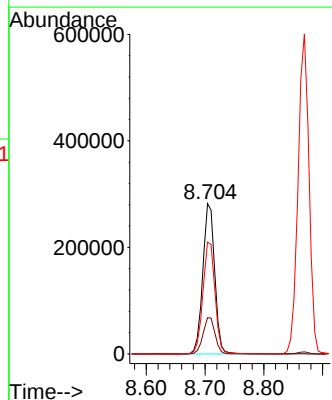
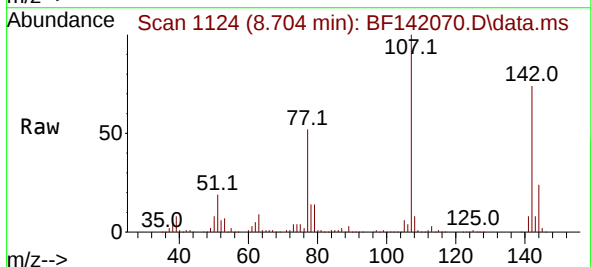
Instrument :
BNA_F
ClientSampleId :
PB167274BS

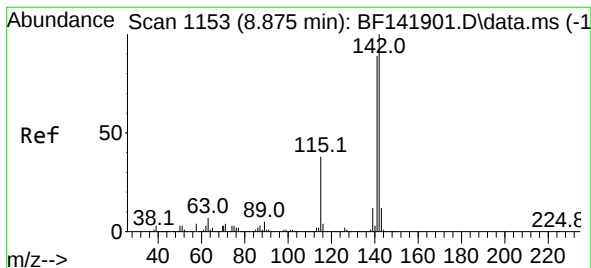
Tgt Ion:113 Resp: 80148
Ion Ratio Lower Upper
113 100
55 139.5 129.6 169.6
56 112.7 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 46.172 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:107 Resp: 398472
Ion Ratio Lower Upper
107 100
144 24.2 19.0 28.6
142 74.4 59.2 88.8

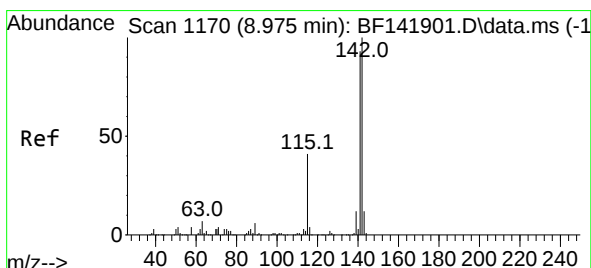
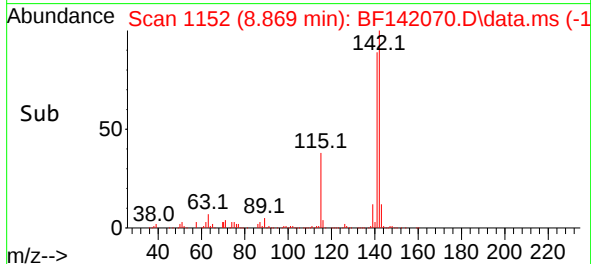
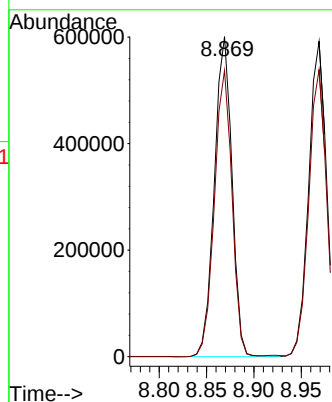
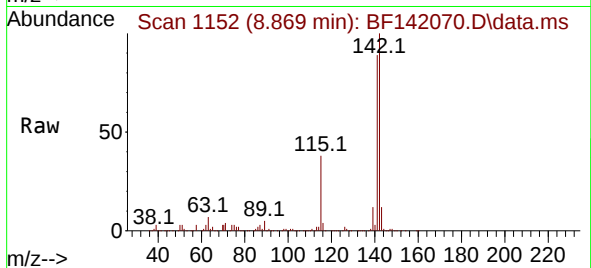




#37
2-Methylnaphthalene
Concen: 43.338 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

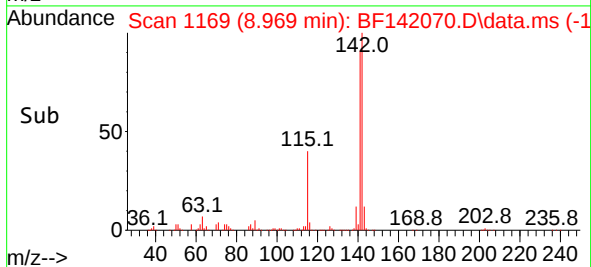
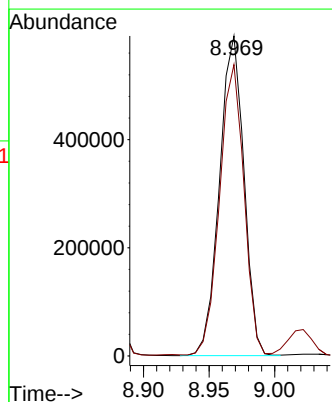
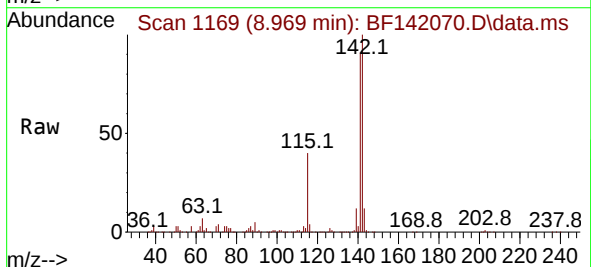
Instrument :
BNA_F
ClientSampleId :
PB167274BS

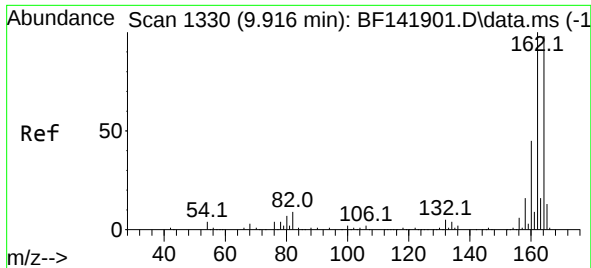
Tgt Ion:142 Resp: 776891
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8



#38
1-Methylnaphthalene
Concen: 44.326 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:142 Resp: 766777
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

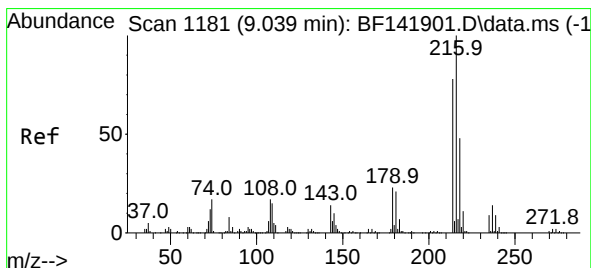
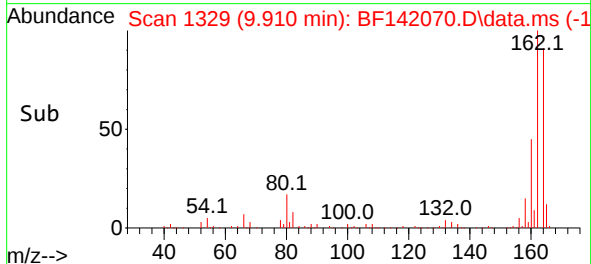
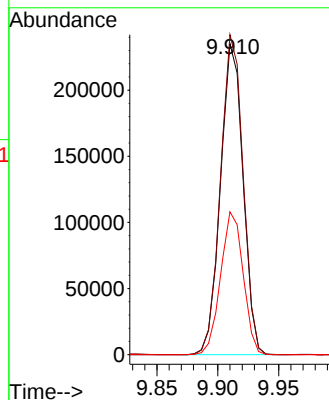
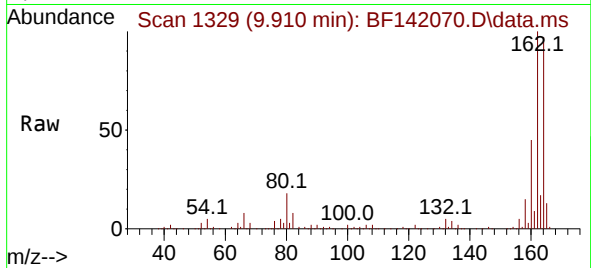
Tgt Ion:164 Resp: 302608

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

160 45.9 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.977 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Tgt Ion:216 Resp: 469660

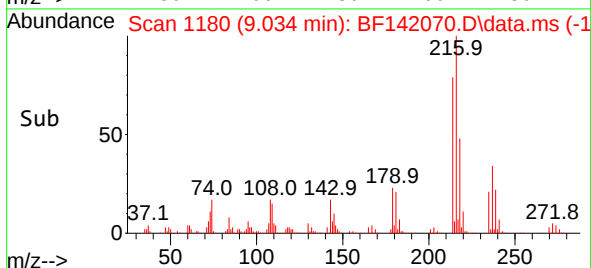
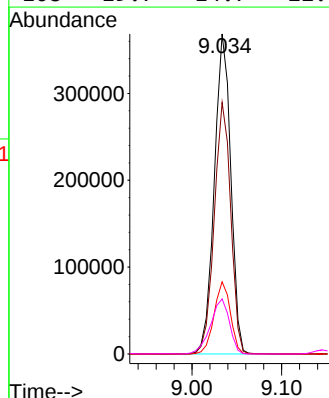
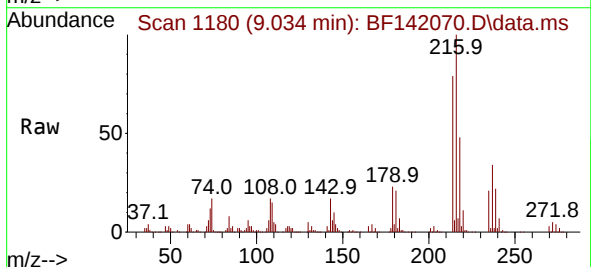
Ion Ratio Lower Upper

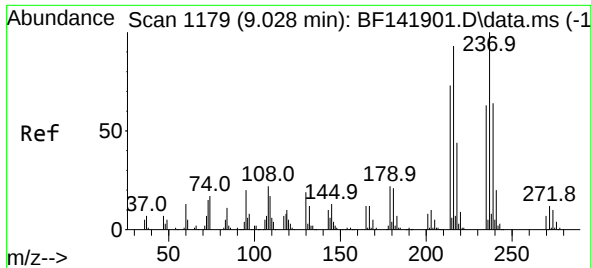
216 100

214 78.6 61.9 92.9

179 22.4 18.1 27.1

108 19.7 14.7 22.1

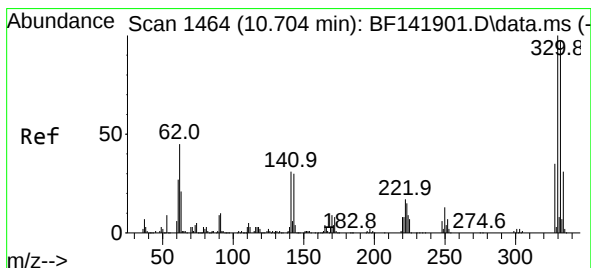
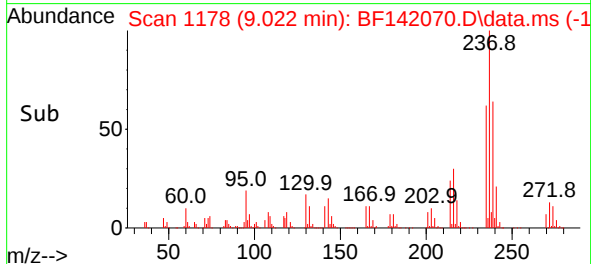
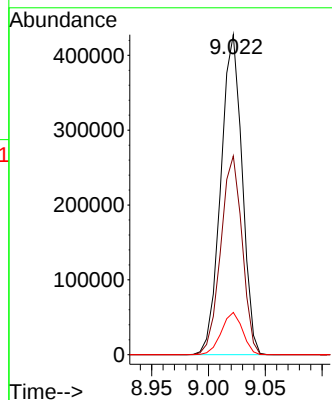
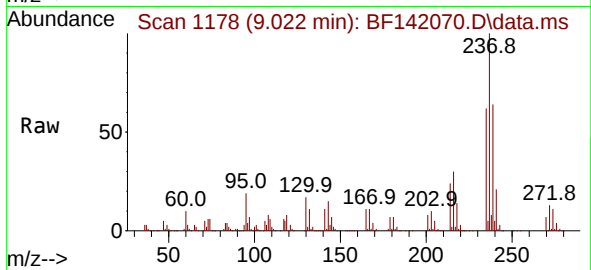




#41
Hexachlorocyclopentadiene
Concen: 154.834 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

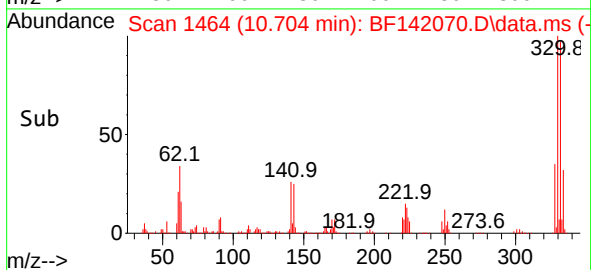
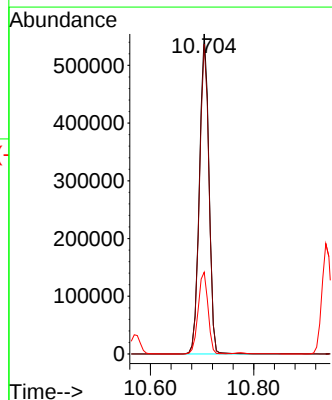
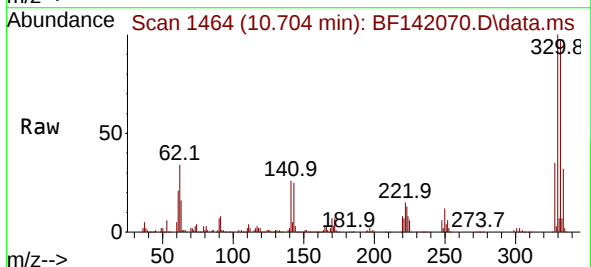
Instrument :
BNA_F
ClientSampleId :
PB167274BS

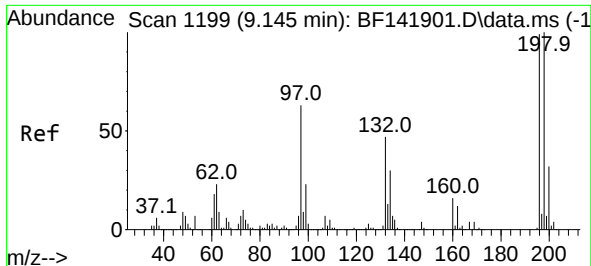
Tgt Ion:237 Resp: 558279
Ion Ratio Lower Upper
237 100
235 62.1 43.1 83.1
272 13.2 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 183.956 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:330 Resp: 706205
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 26.5 24.7 37.1

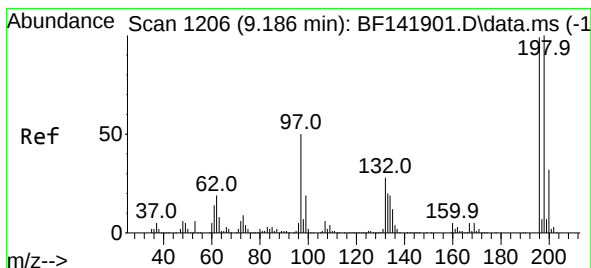
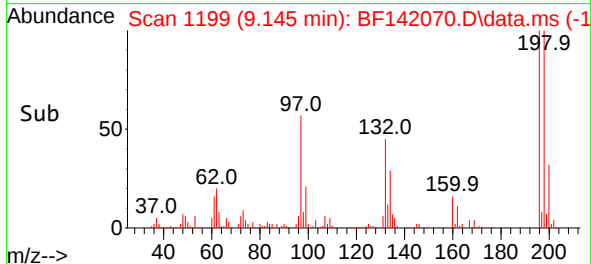
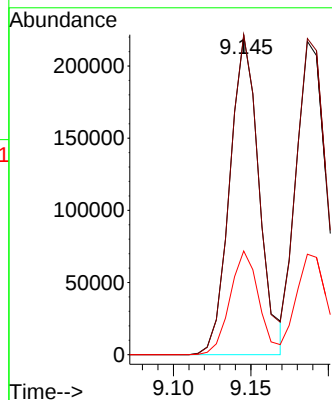
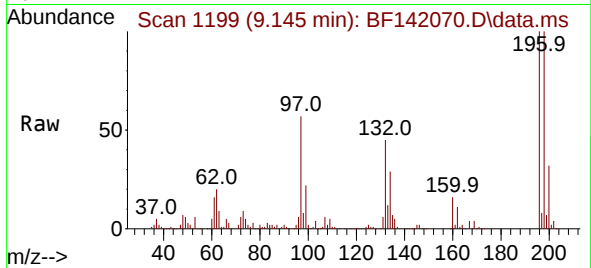




#43
2,4,6-Trichlorophenol
Concen: 48.114 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

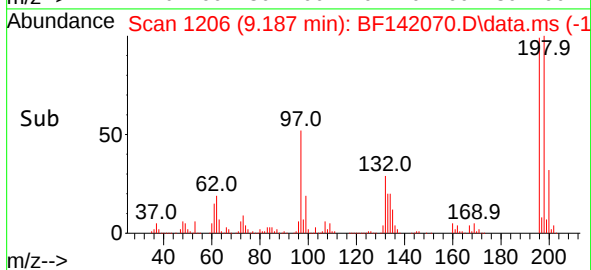
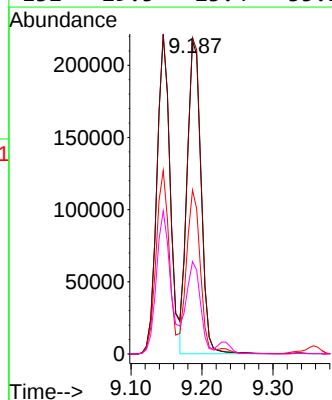
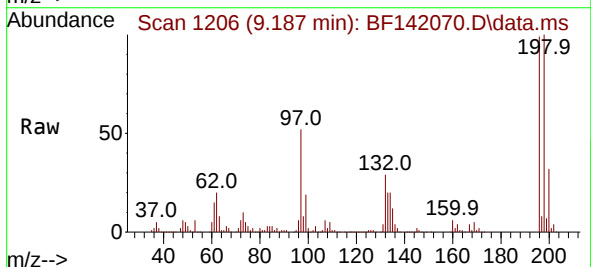
Instrument :
BNA_F
ClientSampleId :
PB167274BS

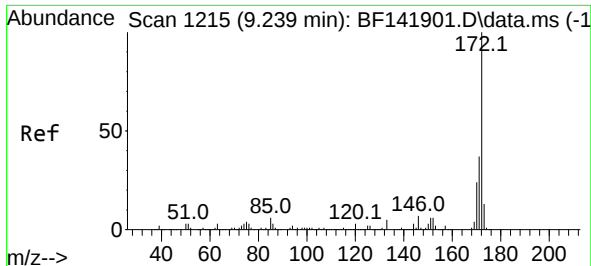
Tgt Ion:196 Resp: 289706
Ion Ratio Lower Upper
196 100
198 100.3 80.6 121.0
200 32.5 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 48.187 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:196 Resp: 293856
Ion Ratio Lower Upper
196 100
198 100.9 80.7 121.1
97 52.3 42.1 63.1
132 29.5 23.4 35.2

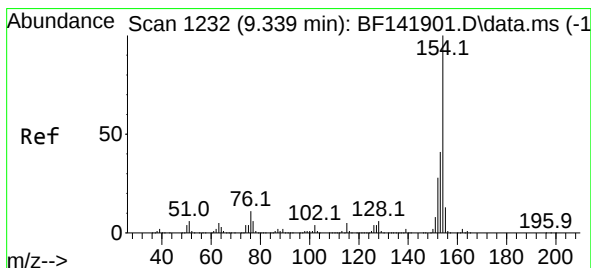
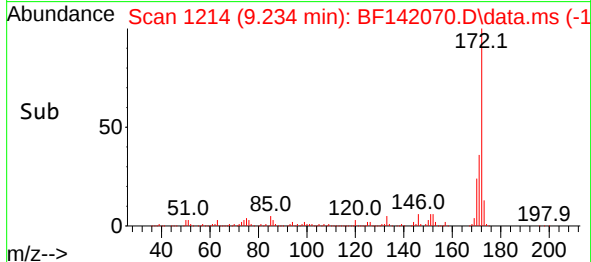
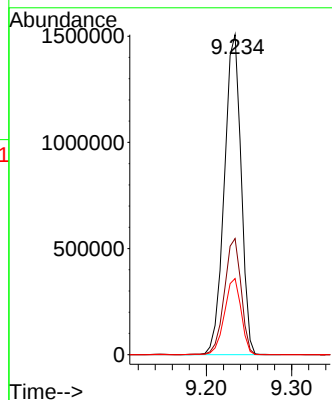
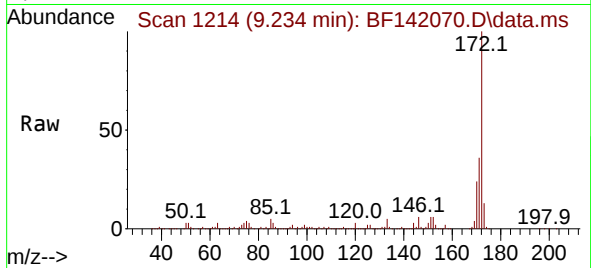




#45
2-Fluorobiphenyl
Concen: 103.771 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

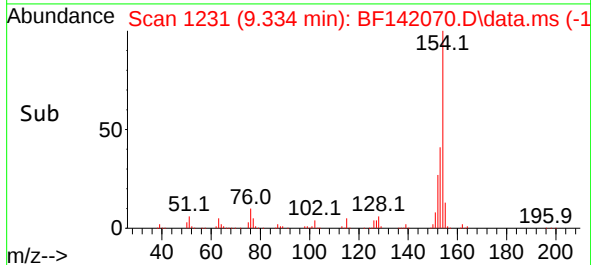
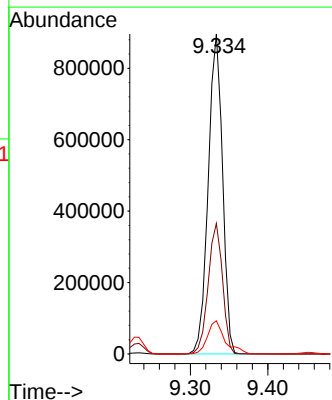
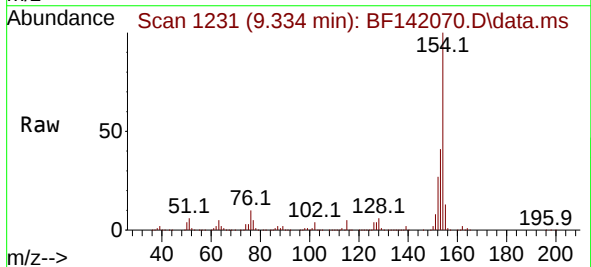
Instrument :
BNA_F
ClientSampleId :
PB167274BS

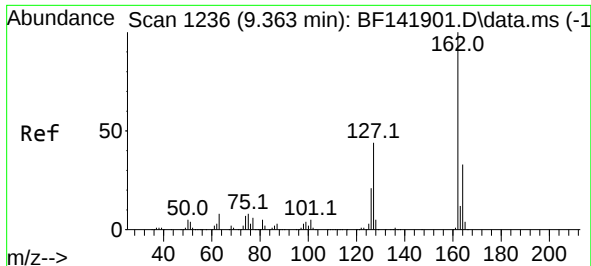
Tgt Ion:172 Resp: 2064823
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 23.8 19.4 29.0



#46
1,1'-Biphenyl
Concen: 49.840 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:154 Resp: 1145949
Ion Ratio Lower Upper
154 100
153 40.8 21.1 61.1
76 10.3 0.0 31.3

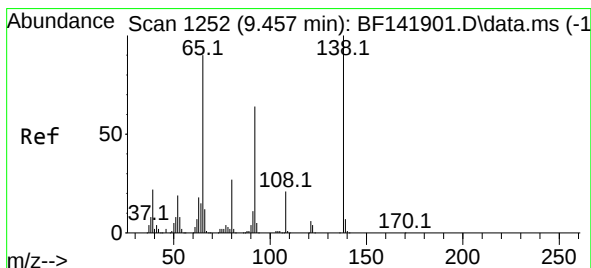
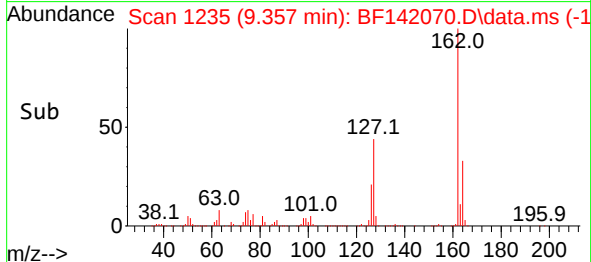
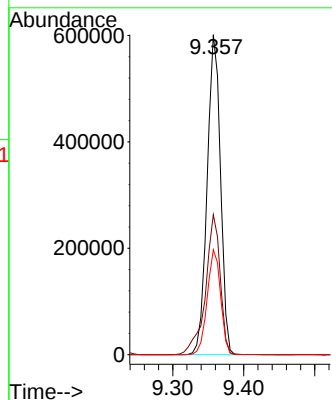
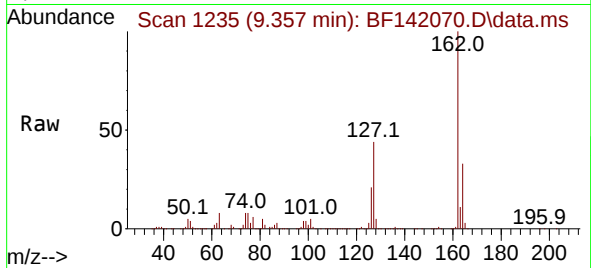




#47
2-Chloronaphthalene
Concen: 45.863 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

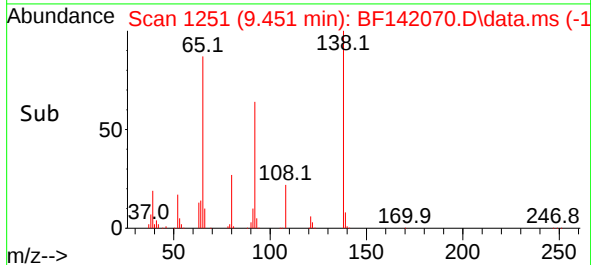
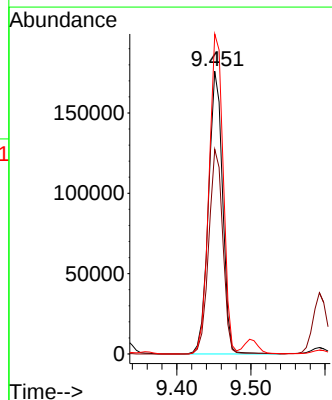
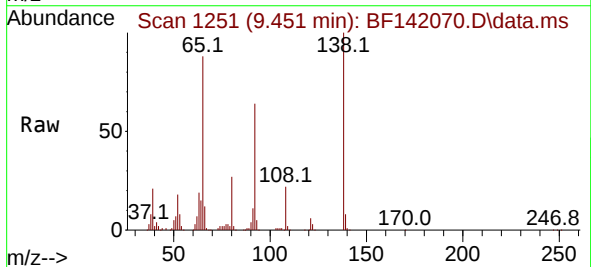
Instrument :
BNA_F
ClientSampleId :
PB167274BS

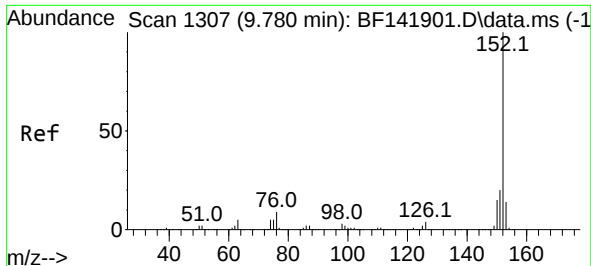
Tgt Ion:162 Resp: 785973
Ion Ratio Lower Upper
162 100
127 43.7 35.5 53.3
164 32.8 26.6 40.0



#48
2-Nitroaniline
Concen: 47.091 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion: 65 Resp: 233668
Ion Ratio Lower Upper
65 100
92 72.4 56.6 84.8
138 113.2 88.6 133.0

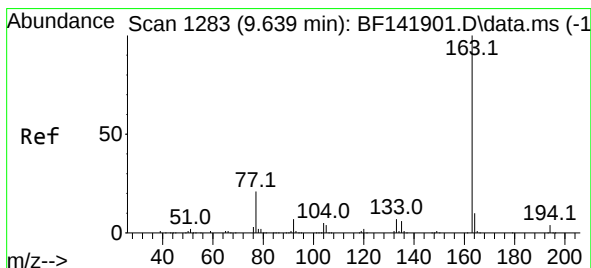
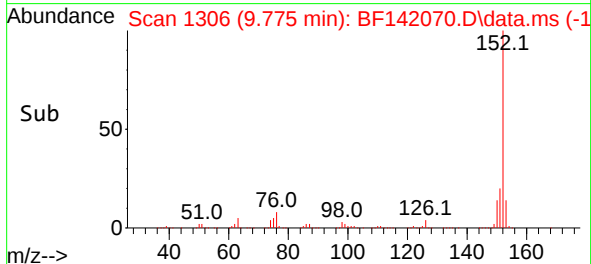
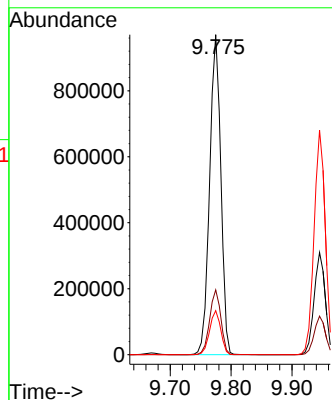
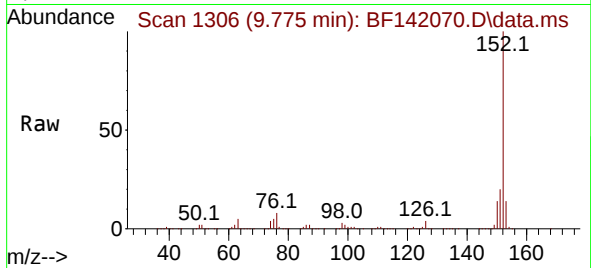




#49
Acenaphthylene
Concen: 48.781 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

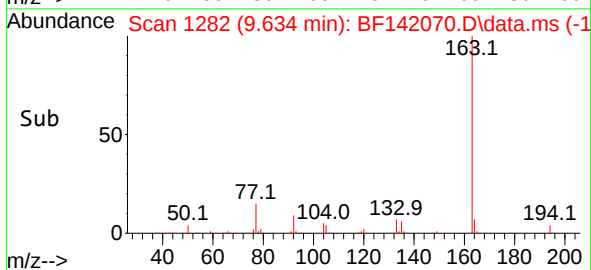
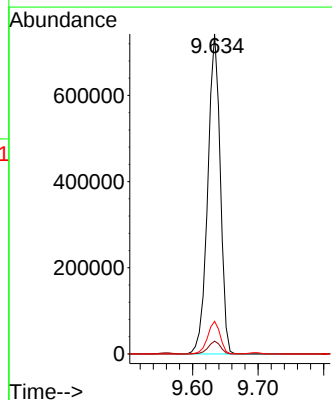
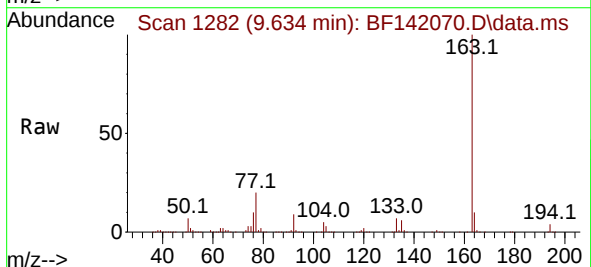
Instrument :
BNA_F
ClientSampleId :
PB167274BS

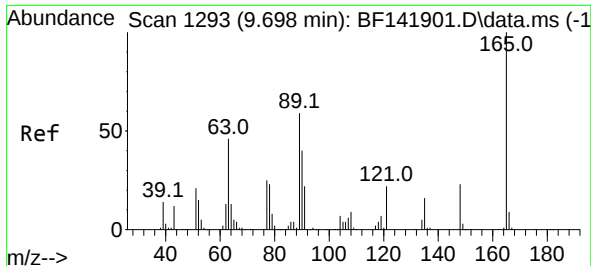
Tgt Ion:152 Resp: 1240563
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.7 11.1 16.7



#50
Dimethylphthalate
Concen: 46.510 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:163 Resp: 985586
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.4

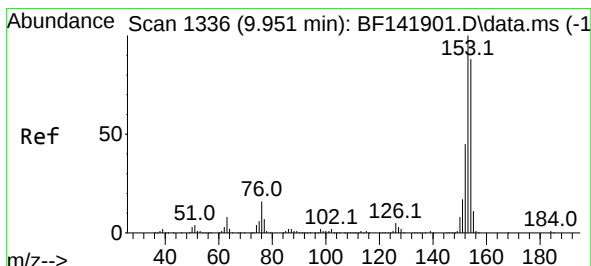
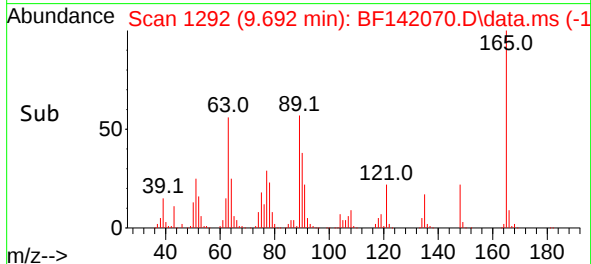
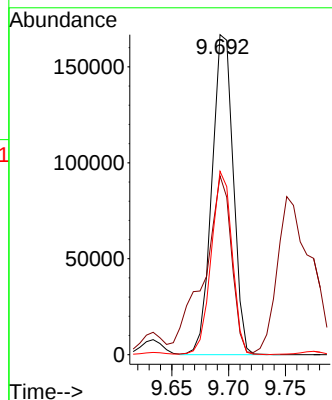
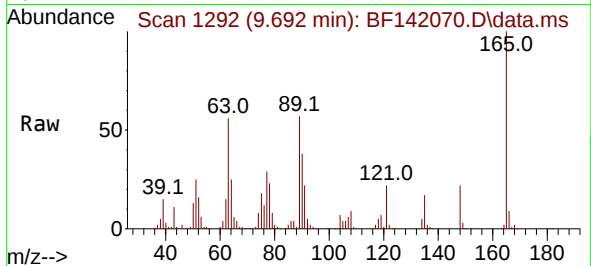




#51
2,6-Dinitrotoluene
Concen: 49.347 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

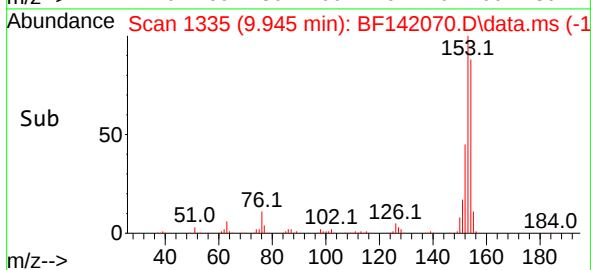
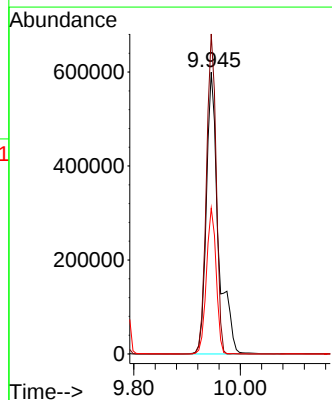
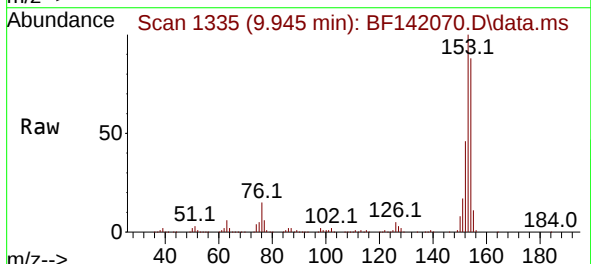
Instrument :
BNA_F
ClientSampleId :
PB167274BS

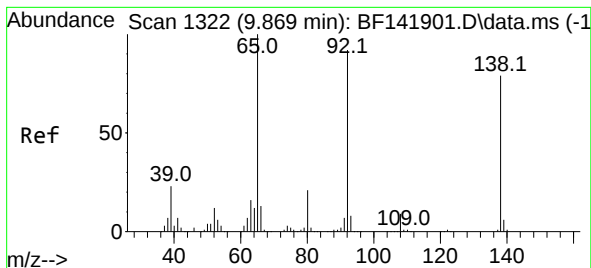
Tgt Ion:165 Resp: 217727
Ion Ratio Lower Upper
165 100
63 55.9 47.0 70.4
89 57.3 47.4 71.2



#52
Acenaphthene
Concen: 52.559 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:154 Resp: 939330
Ion Ratio Lower Upper
154 100
153 113.6 90.7 136.1
152 51.7 41.1 61.7





#53

3-Nitroaniline

Concen: 28.643 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

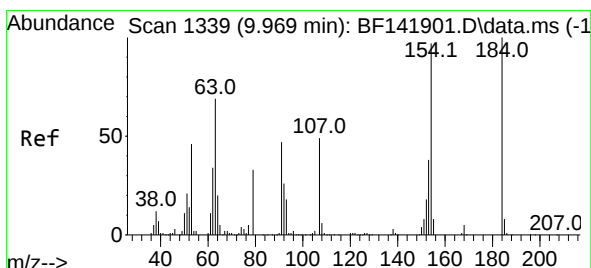
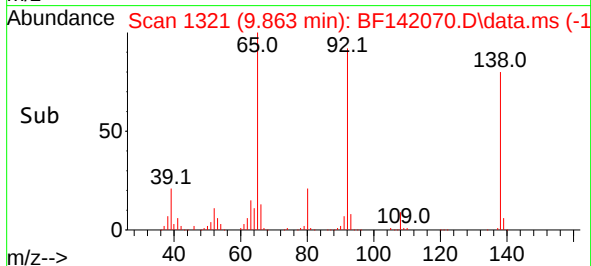
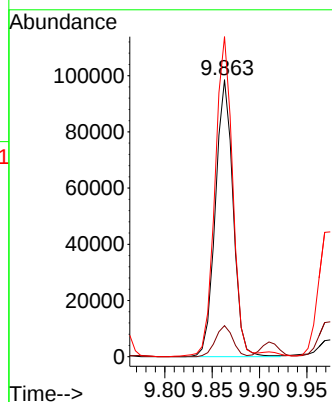
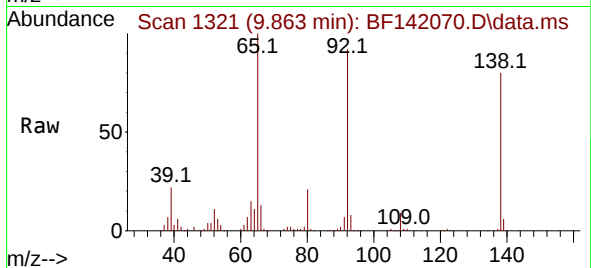
Tgt Ion:138 Resp: 128191

Ion Ratio Lower Upper

138 100

108 11.2 9.3 13.9

92 115.5 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 101.100 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

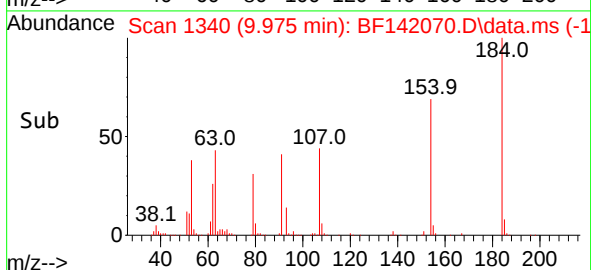
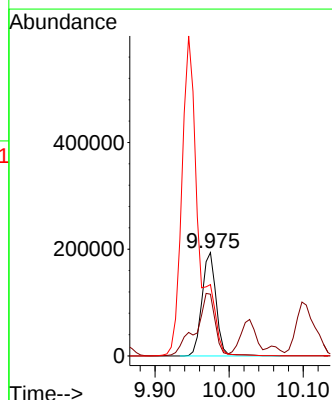
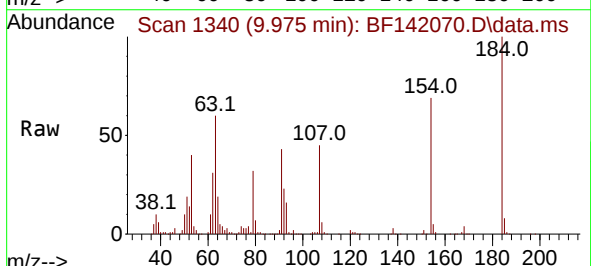
Tgt Ion:184 Resp: 258179

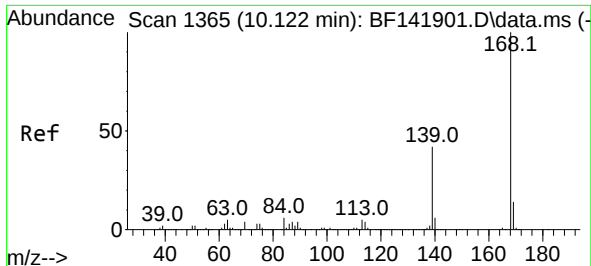
Ion Ratio Lower Upper

184 100

63 59.8 60.2 90.4#

154 69.0 132.9 199.3#

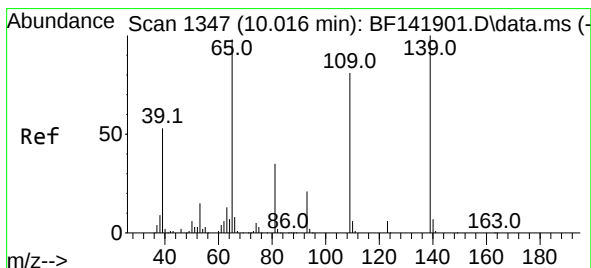
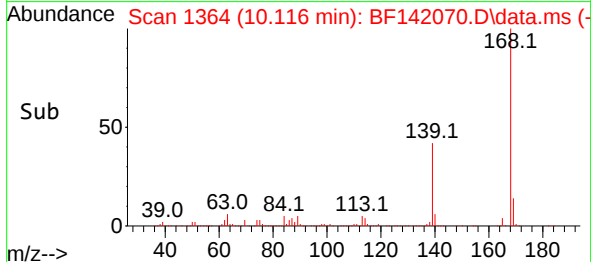
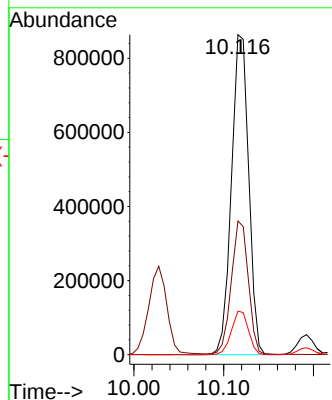
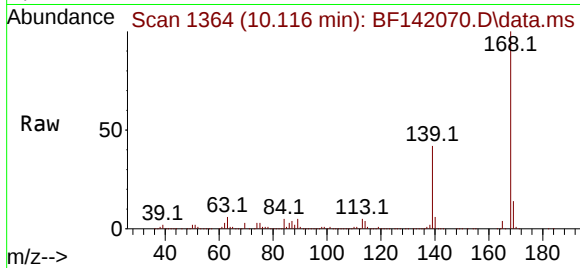




#55
Dibenzenofuran
Concen: 45.120 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

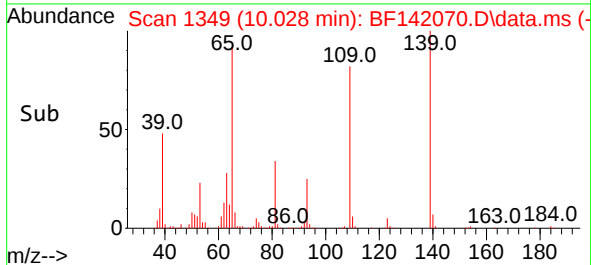
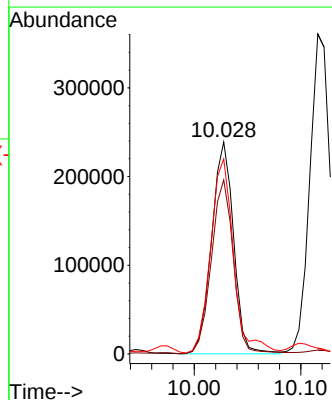
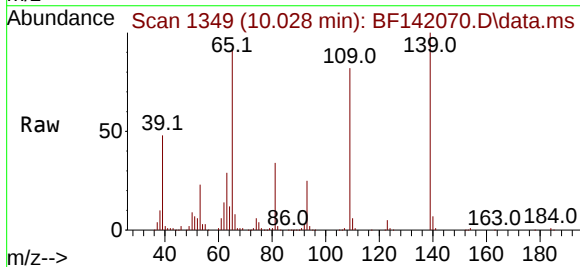
Instrument :
BNA_F
ClientSampleId :
PB167274BS

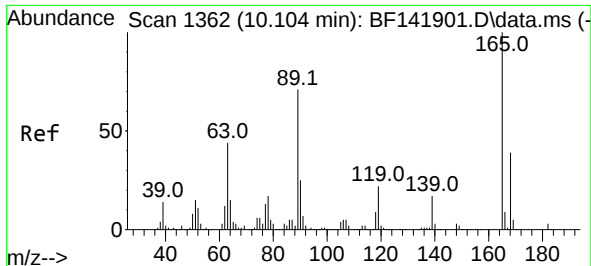
Tgt Ion:168 Resp: 1152234
Ion Ratio Lower Upper
168 100
139 41.8 33.9 50.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 100.910 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:139 Resp: 340583
Ion Ratio Lower Upper
139 100
109 82.1 61.6 101.6
65 92.0 79.4 119.4



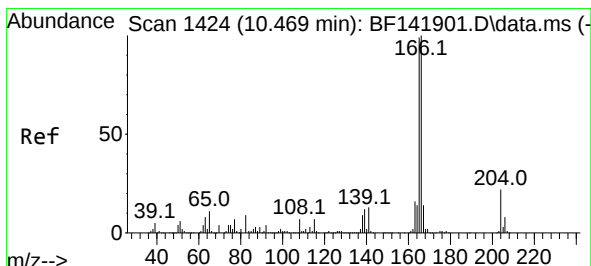
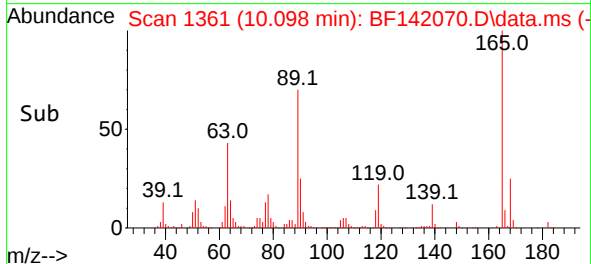
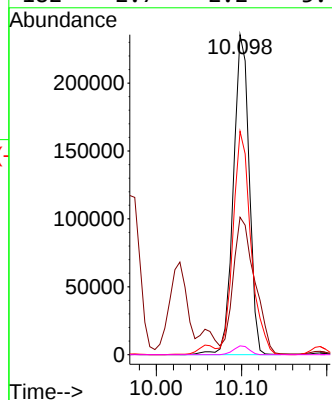
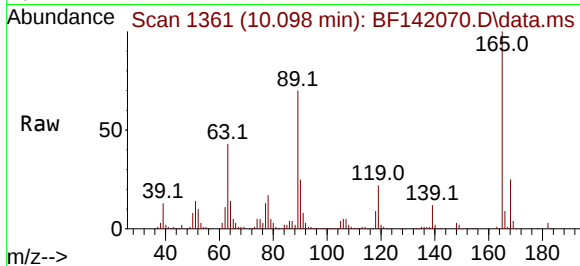


#57
2,4-Dinitrotoluene
Concen: 52.783 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB167274BS

Tgt Ion:165 Resp: 304173

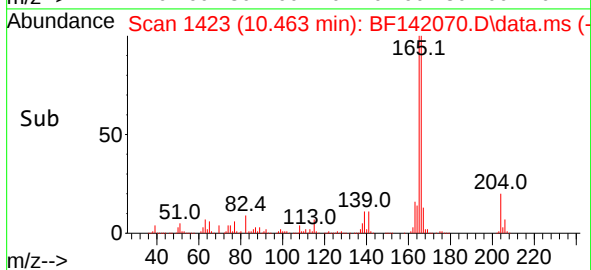
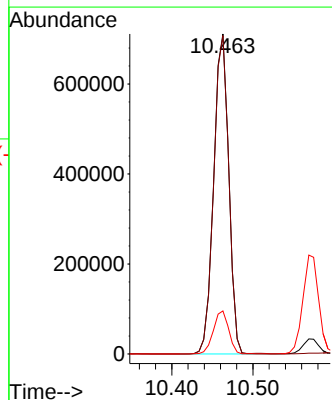
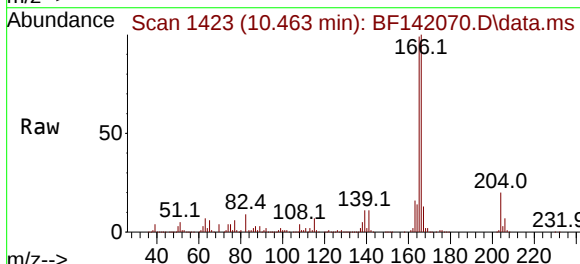
Ion	Ratio	Lower	Upper
165	100		
63	42.9	35.4	53.2
89	69.8	56.6	84.8
182	2.7	2.2	3.4

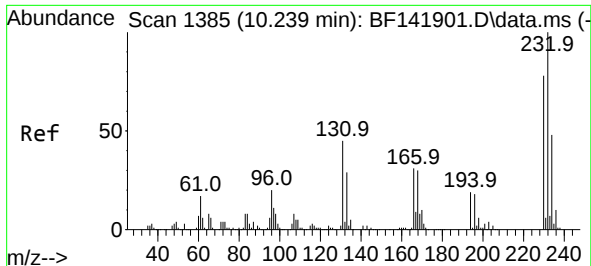


#58
Fluorene
Concen: 46.499 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:166 Resp: 915719

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.4
167	13.5	11.0	16.4

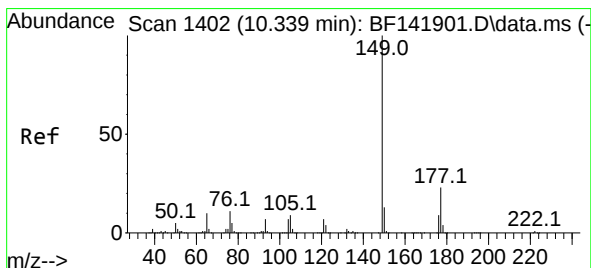
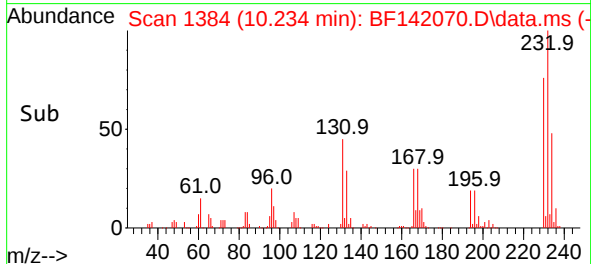
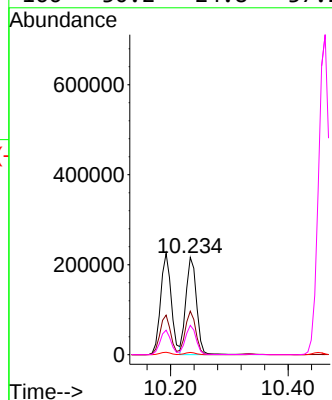
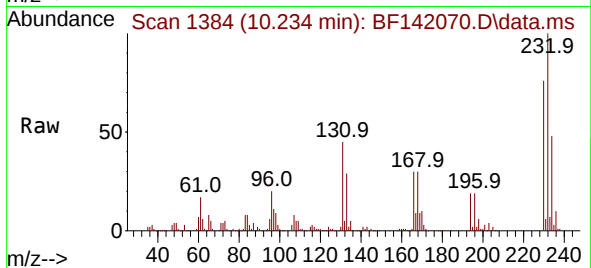




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.854 ng
RT: 10.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

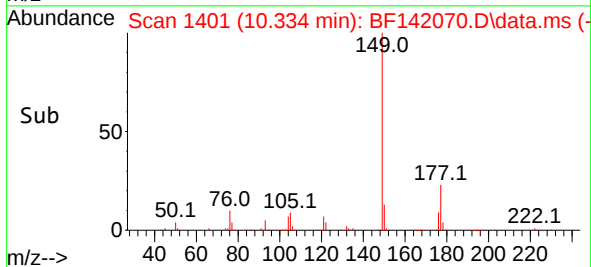
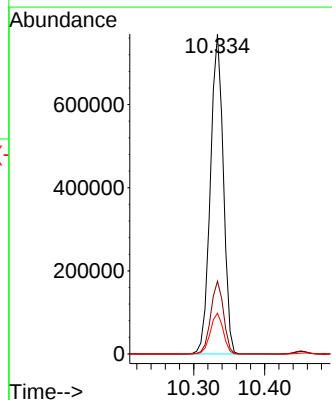
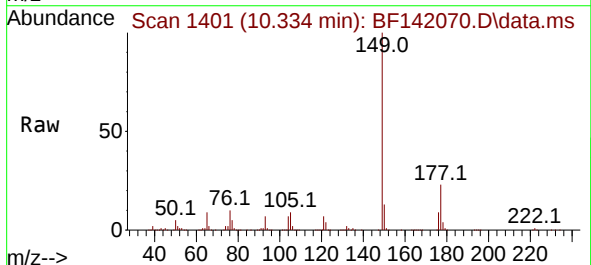
Instrument :
BNA_F
ClientSampleId :
PB167274BS

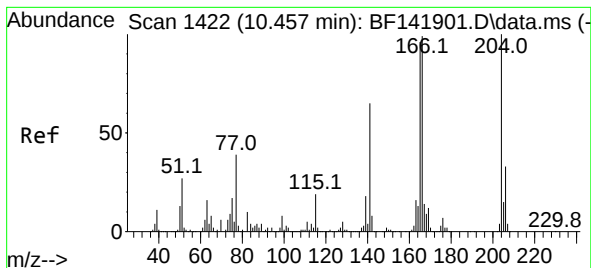
Tgt Ion:232 Resp: 271100
Ion Ratio Lower Upper
232 100
131 44.8 37.3 55.9
130 2.3 1.9 2.9
166 30.2 24.8 37.2



#60
Diethylphthalate
Concen: 46.087 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:149 Resp: 973810
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.8 10.2 15.4

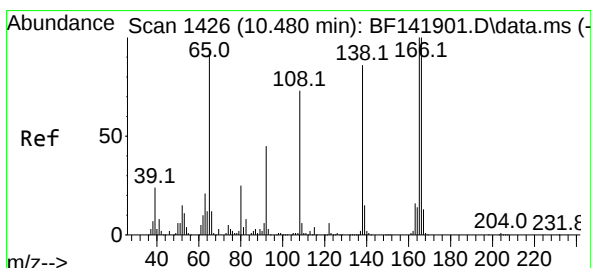
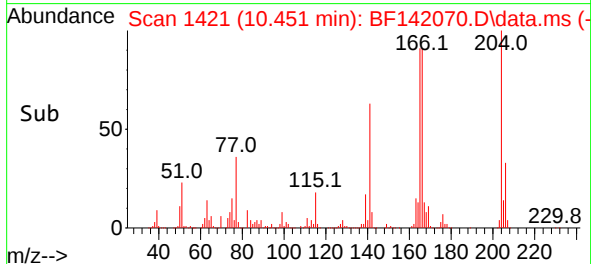
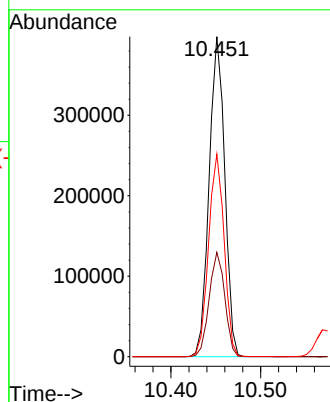
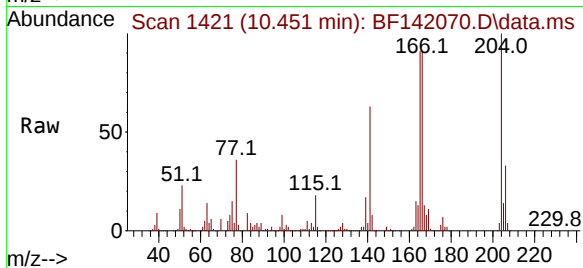




#61
4-Chlorophenyl-phenylether
Concen: 46.851 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

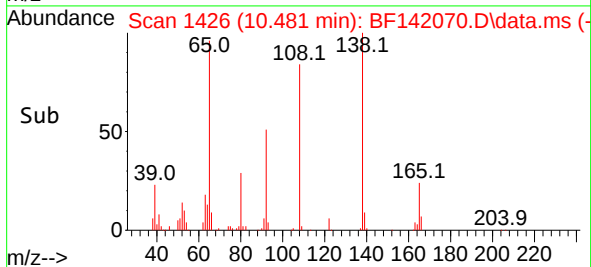
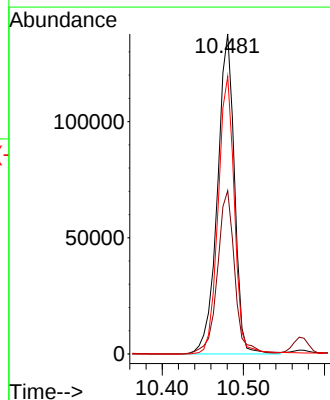
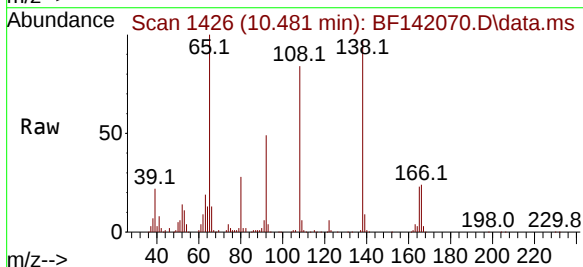
Instrument :
BNA_F
ClientSampleId :
PB167274BS

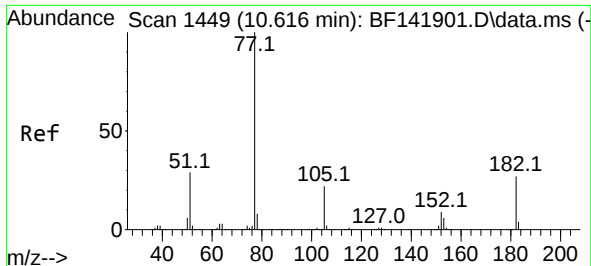
Tgt Ion:204 Resp: 481030
Ion Ratio Lower Upper
204 100
206 32.6 26.8 40.2
141 63.2 52.4 78.6



#62
4-Nitroaniline
Concen: 46.233 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:138 Resp: 201448
Ion Ratio Lower Upper
138 100
92 51.0 32.6 72.6
108 86.8 65.0 105.0

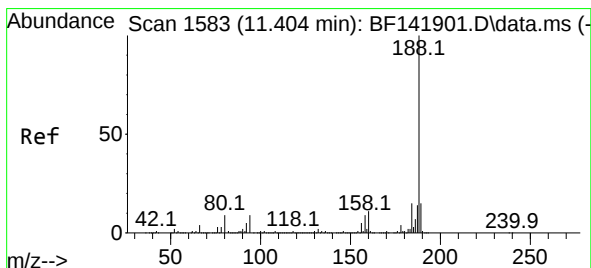
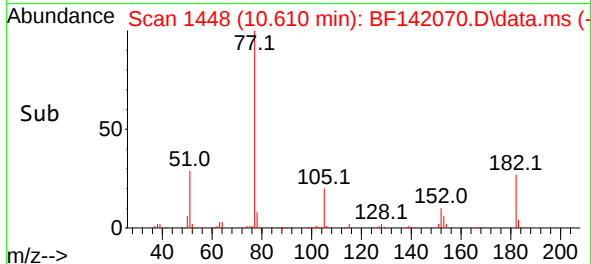
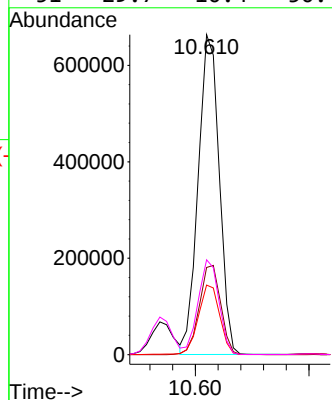
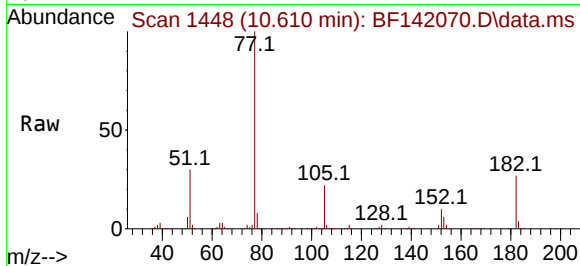




#63
Azobenzene
Concen: 43.470 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

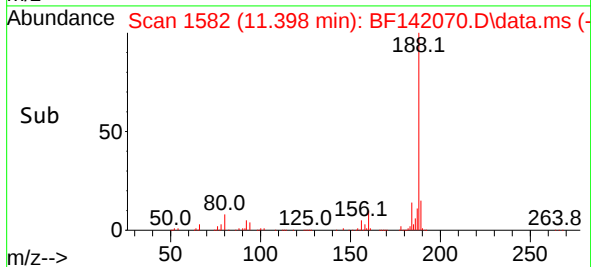
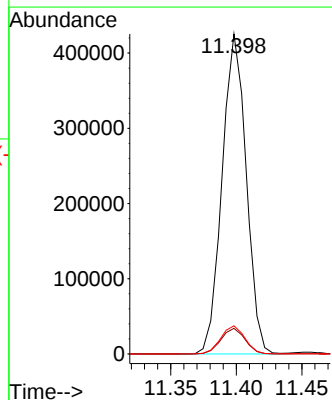
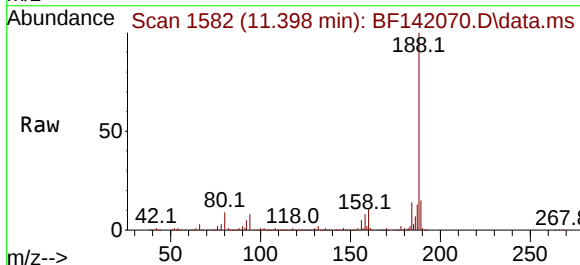
Instrument :
BNA_F
ClientSampleId :
PB167274BS

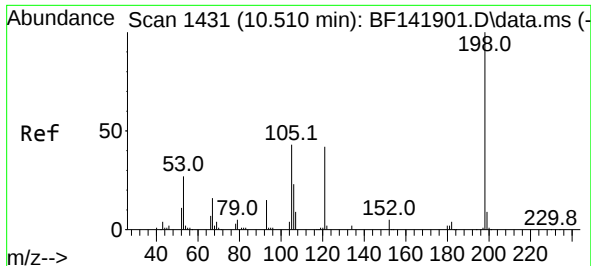
Tgt Ion: 77 Resp: 853970
Ion Ratio Lower Upper
77 100
182 27.2 6.6 46.6
105 21.8 1.3 41.3
51 29.7 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion: 188 Resp: 543533
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.8 7.6 11.4

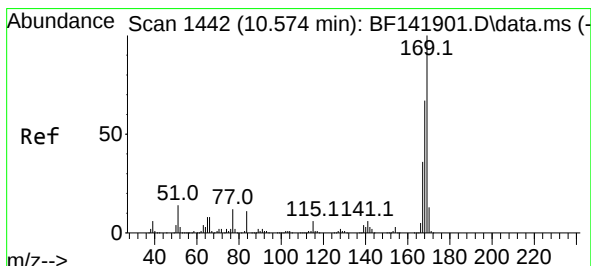
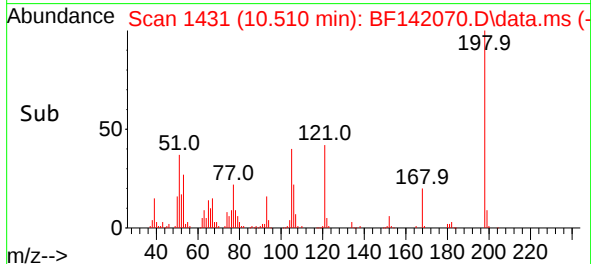
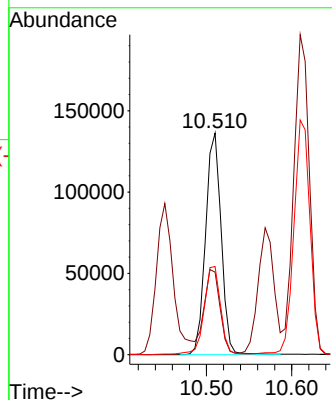
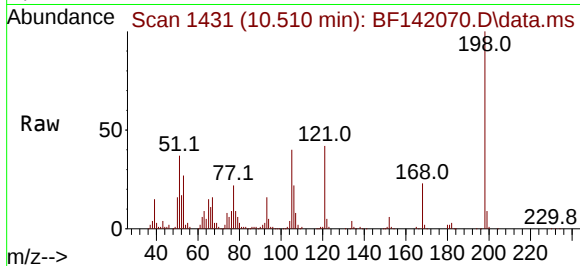




#65
4,6-Dinitro-2-methylphenol
Concen: 53.497 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

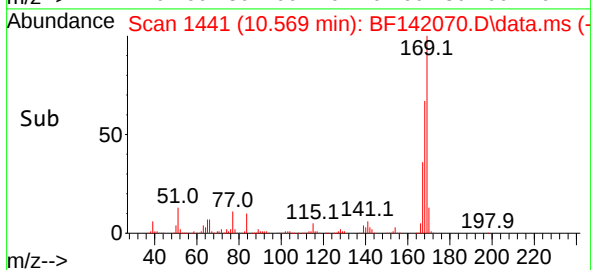
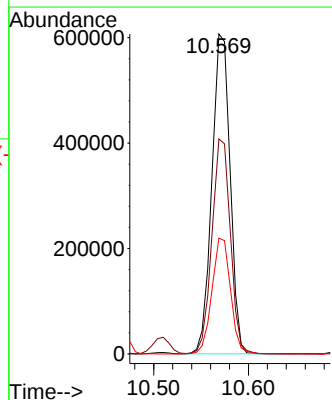
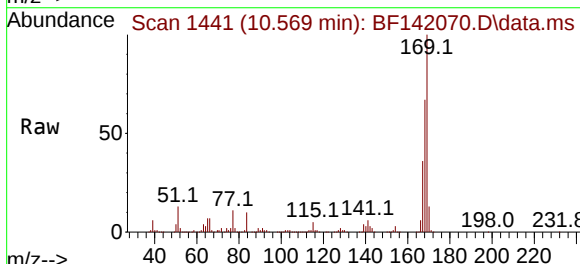
Instrument :
BNA_F
ClientSampleId :
PB167274BS

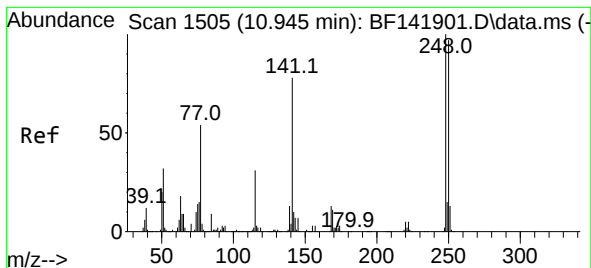
Tgt Ion:198 Resp: 173343
Ion Ratio Lower Upper
198 100
51 37.2 22.3 62.3
105 39.8 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 45.959 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:169 Resp: 808364
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 36.2 29.2 43.8

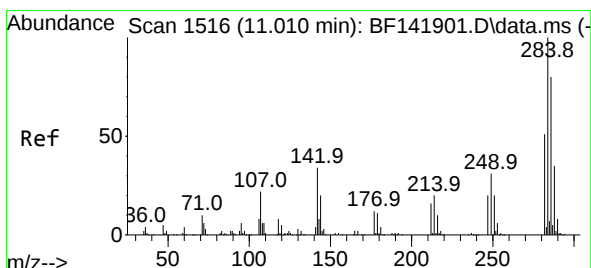
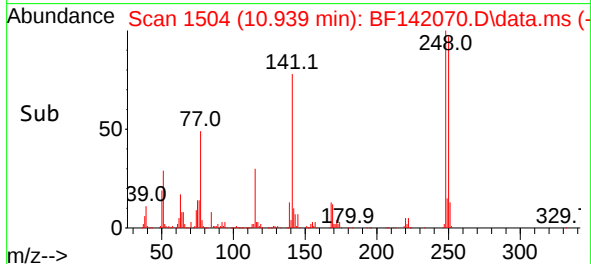
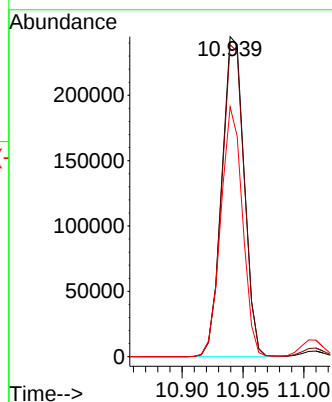
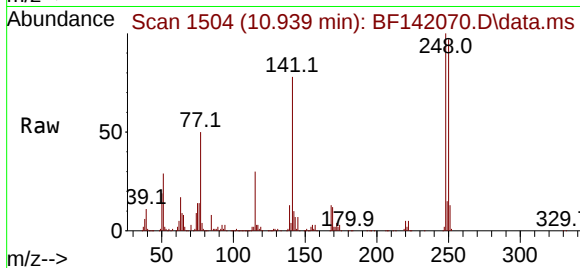




#67
4-Bromophenyl-phenylether
Concen: 45.926 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

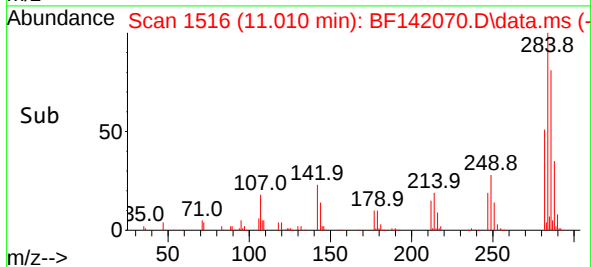
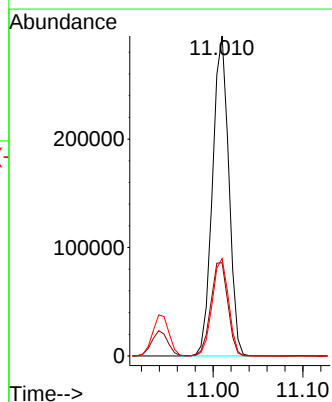
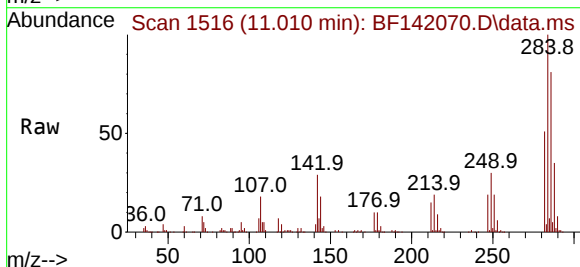
Instrument :
BNA_F
ClientSampleId :
PB167274BS

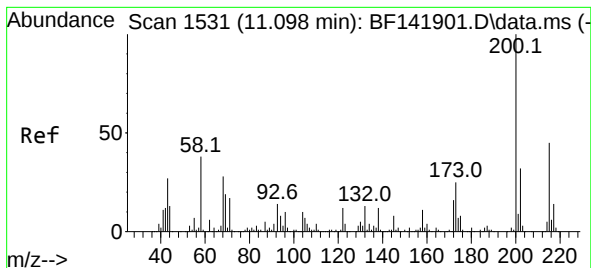
Tgt Ion:248 Resp: 313496
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.8
141 78.1 62.6 93.8



#68
Hexachlorobenzene
Concen: 49.539 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:284 Resp: 370884
Ion Ratio Lower Upper
284 100
142 29.2 27.0 40.6
249 30.4 25.2 37.8





#69

Atrazine

Concen: 63.051 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

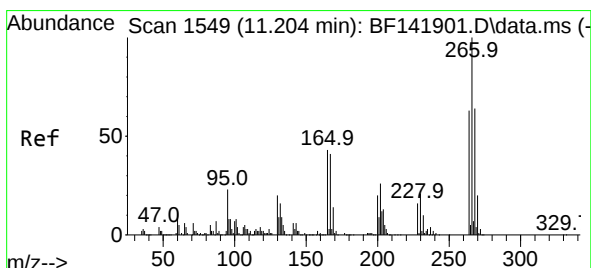
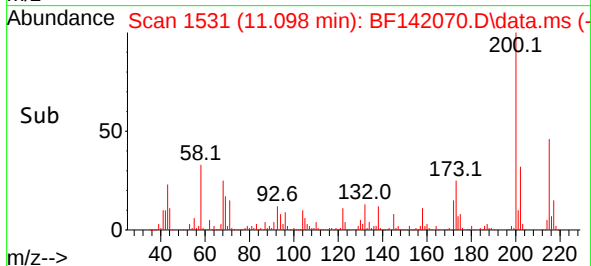
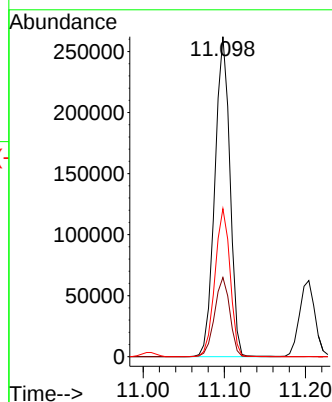
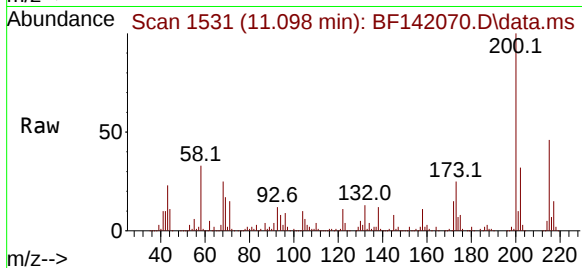
Tgt Ion:200 Resp: 339977

Ion Ratio Lower Upper

200 100

173 24.7 4.7 44.7

215 46.3 25.4 65.4



#70

Pentachlorophenol

Concen: 95.929 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

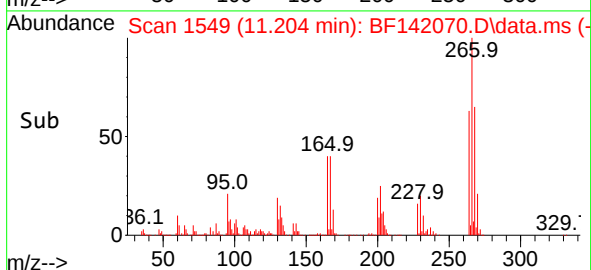
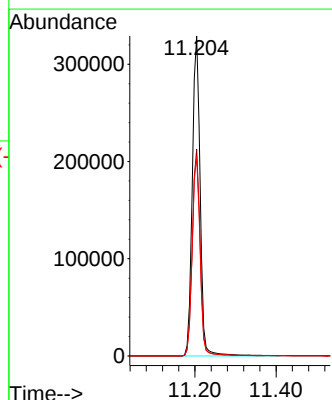
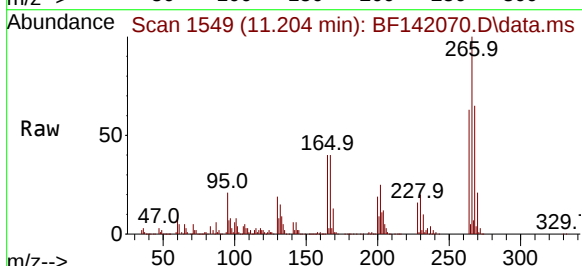
Tgt Ion:266 Resp: 442499

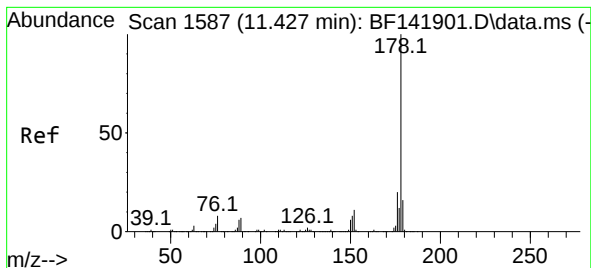
Ion Ratio Lower Upper

266 100

268 64.6 51.0 76.6

264 62.5 50.2 75.2

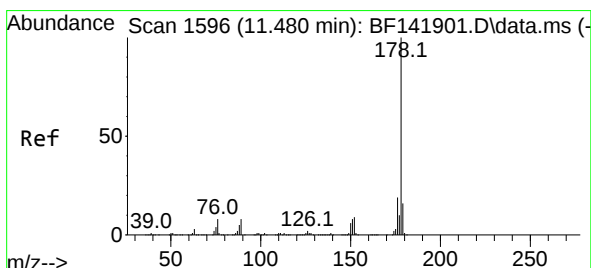
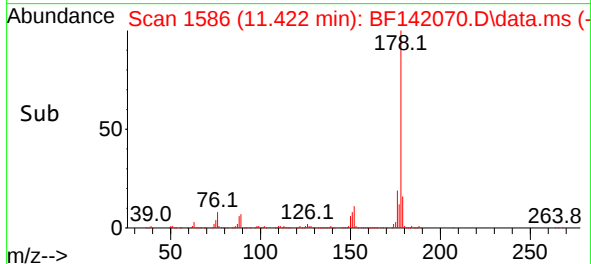
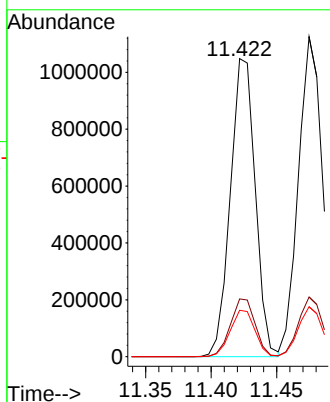
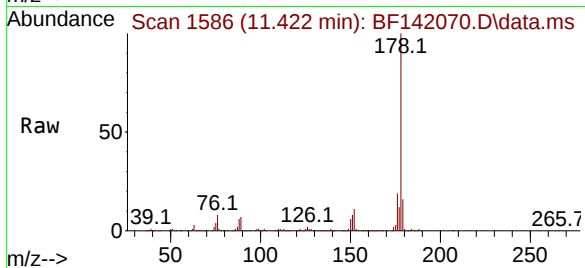




#71
Phenanthrene
Concen: 47.273 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

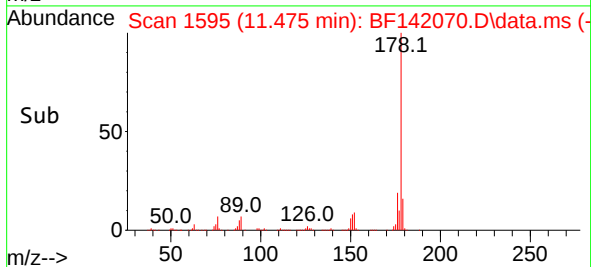
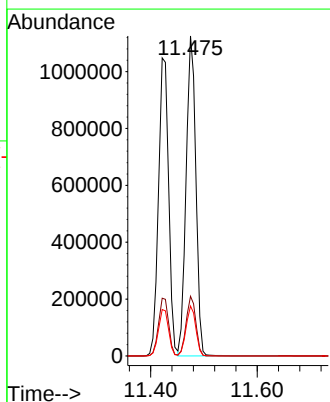
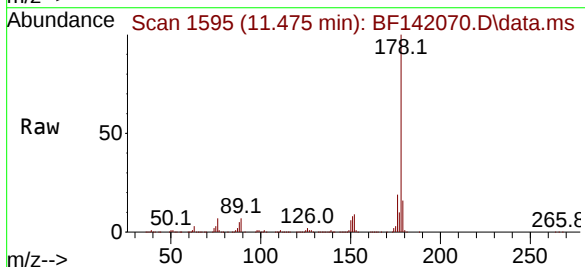
Instrument :
BNA_F
ClientSampleId :
PB167274BS

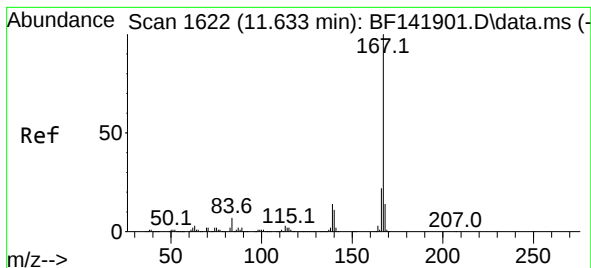
Tgt Ion:178 Resp: 1387852
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.6 12.6 19.0



#72
Anthracene
Concen: 48.440 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:178 Resp: 1426742
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 12.6 19.0





#73

Carbazole

Concen: 46.322 ng

RT: 11.628 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

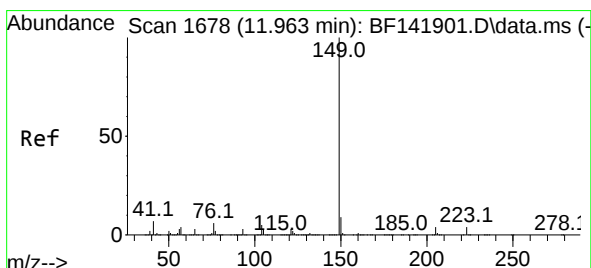
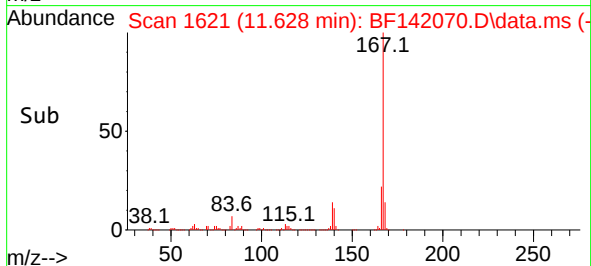
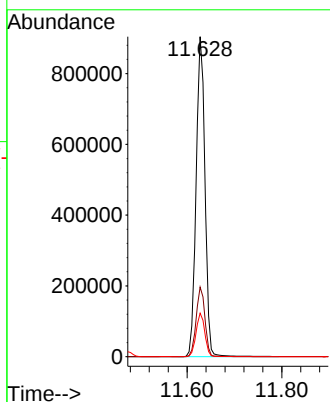
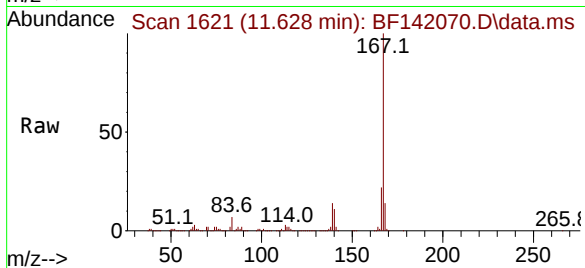
Tgt Ion:167 Resp: 1176645

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.6 11.0 16.6



#74

Di-n-butylphthalate

Concen: 45.307 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

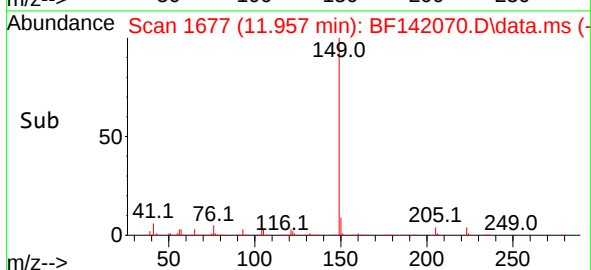
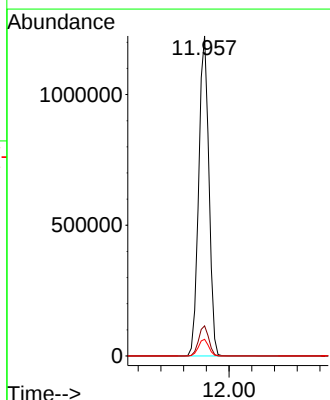
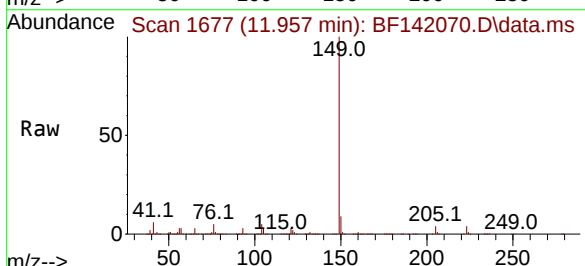
Tgt Ion:149 Resp: 1527054

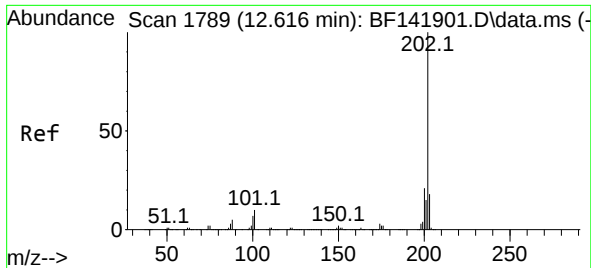
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 5.2 4.4 6.6

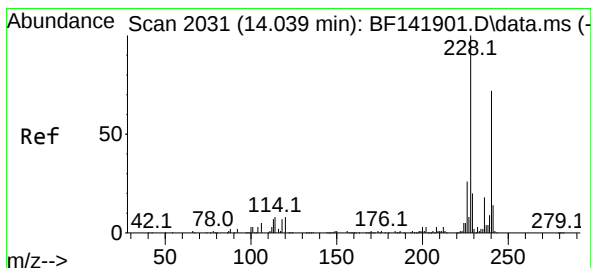
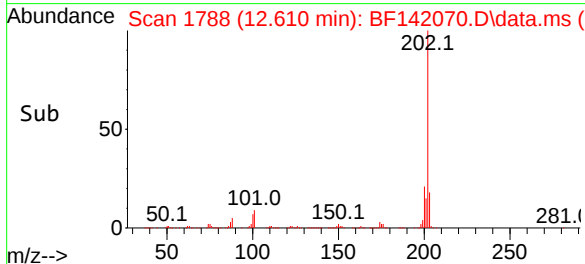
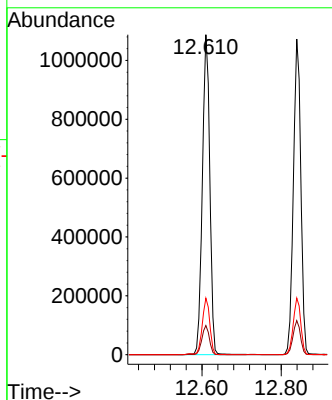
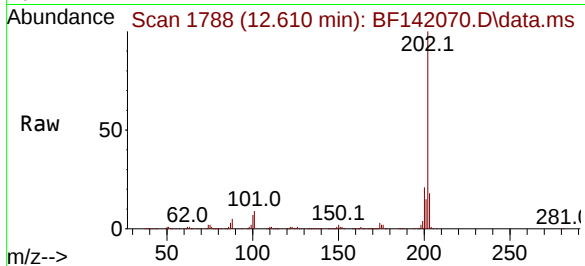




#75
Fluoranthene
Concen: 45.586 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

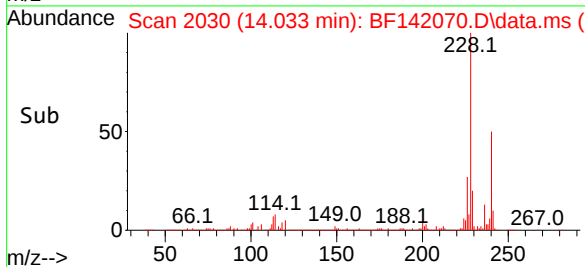
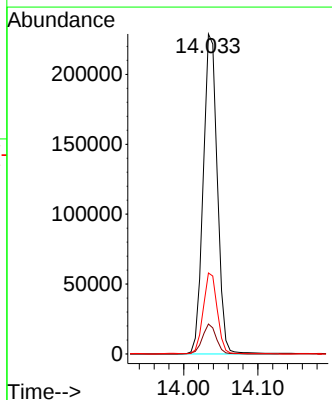
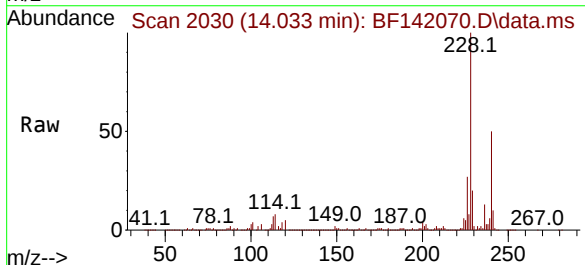
Instrument :
BNA_F
ClientSampleId :
PB167274BS

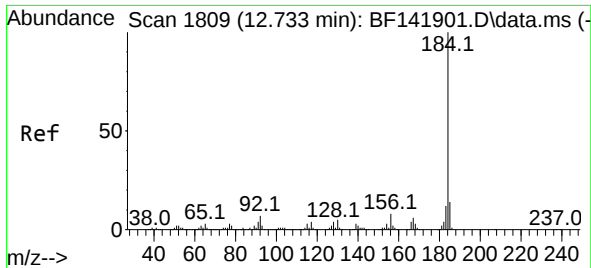
Tgt Ion:202 Resp: 1419625
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:240 Resp: 302856
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.3 20.5 30.7

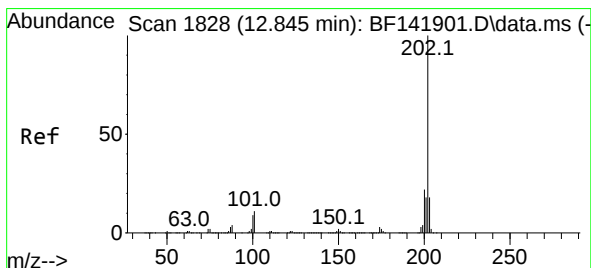
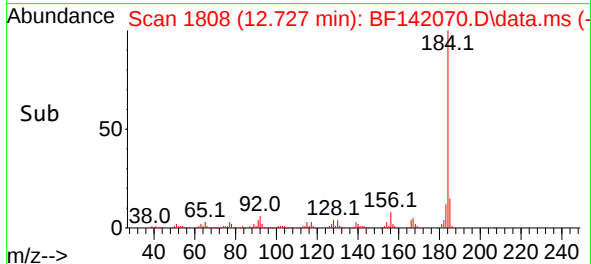
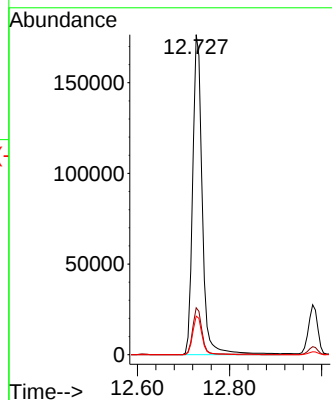
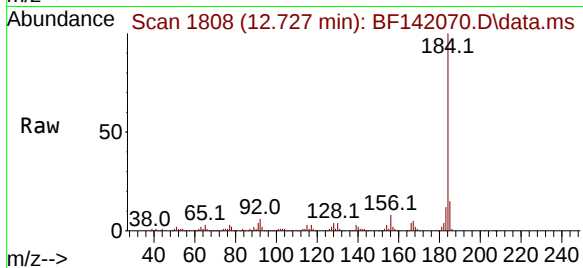




#77
Benzidine
Concen: 60.157 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

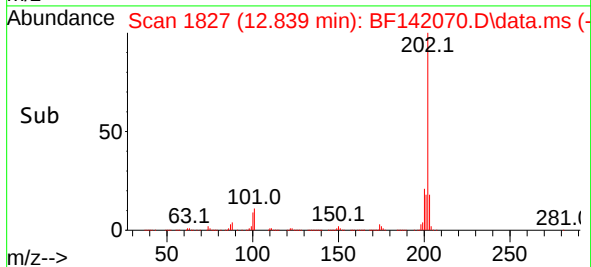
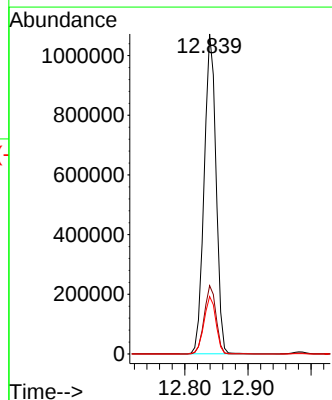
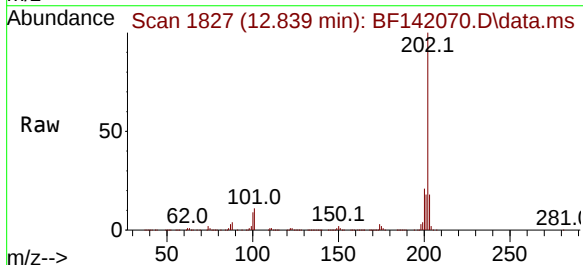
Instrument :
BNA_F
ClientSampleId :
PB167274BS

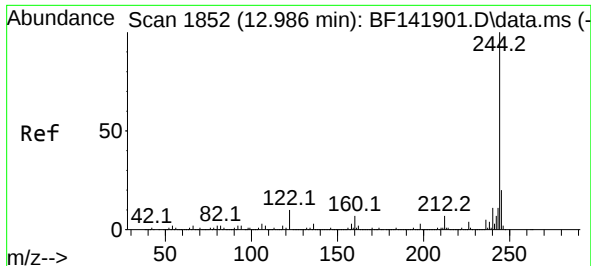
Tgt Ion:184 Resp: 254189
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 12.1 9.7 14.5



#78
Pyrene
Concen: 53.451 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:202 Resp: 1400267
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 17.9 14.4 21.6

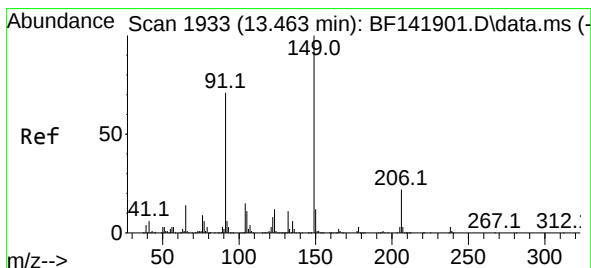
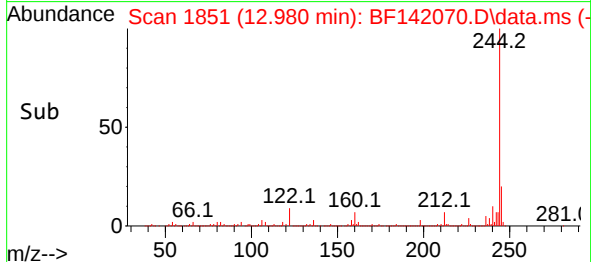
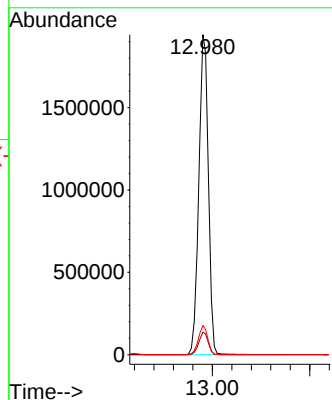
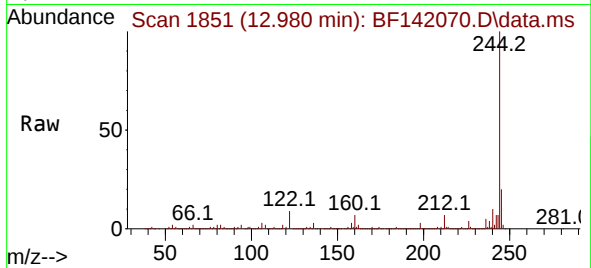




#79
 Terphenyl-d14
 Concen: 129.280 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142070.D
 Acq: 25 Mar 2025 11:09

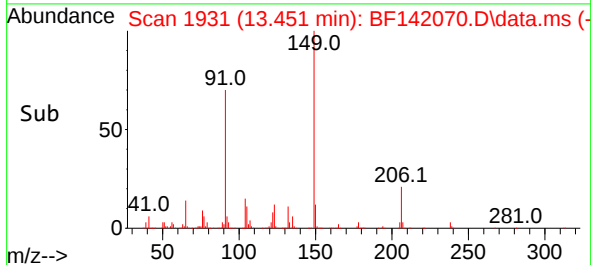
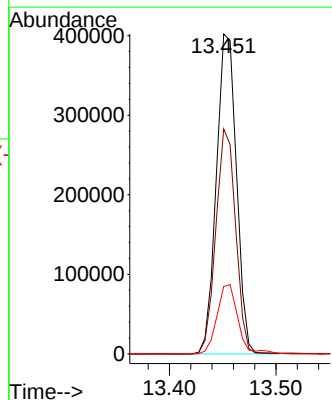
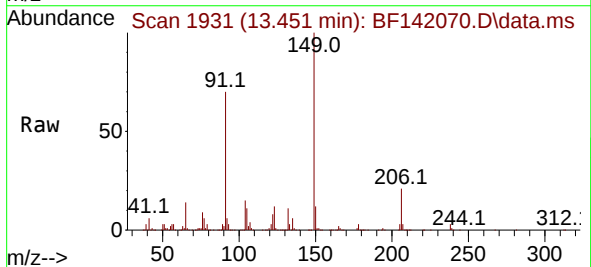
Instrument :
 BNA_F
 ClientSampleId :
 PB167274BS

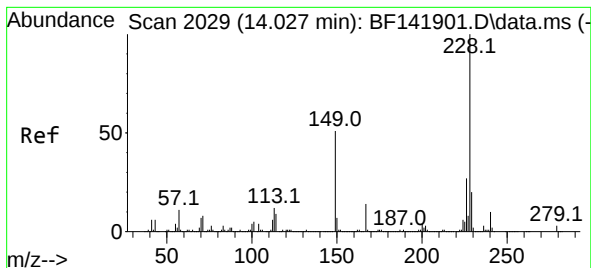
Tgt Ion:244 Resp: 2648255
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.1 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 51.463 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF142070.D
 Acq: 25 Mar 2025 11:09

Tgt Ion:149 Resp: 527685
 Ion Ratio Lower Upper
 149 100
 91 70.3 56.5 84.7
 206 21.1 17.3 25.9

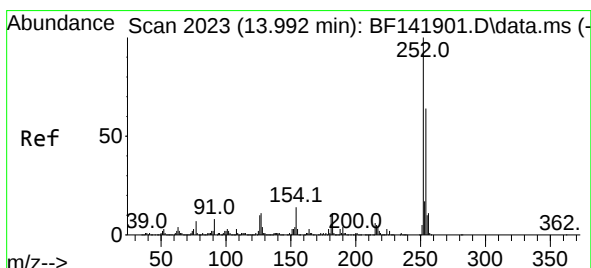
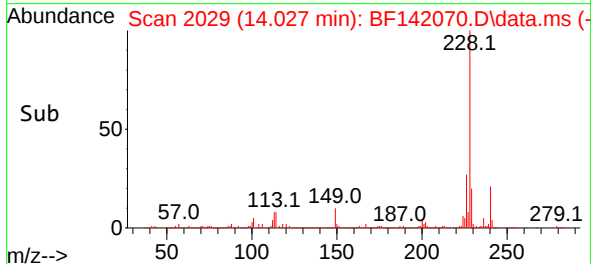
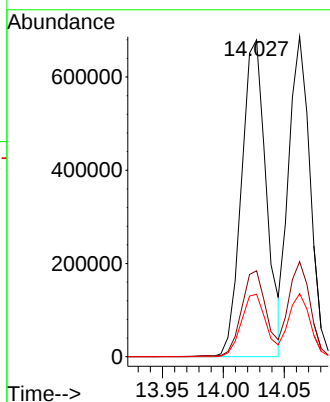
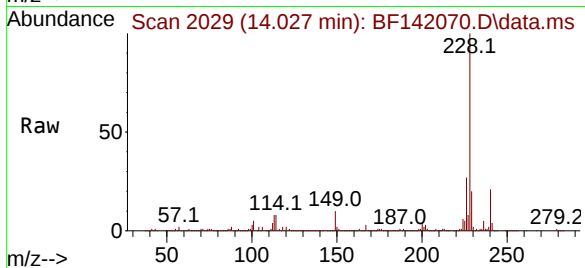




#81
Benzo(a)anthracene
Concen: 48.439 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

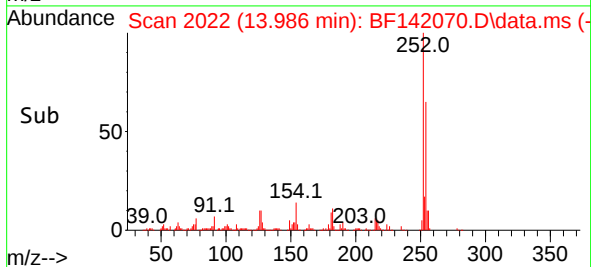
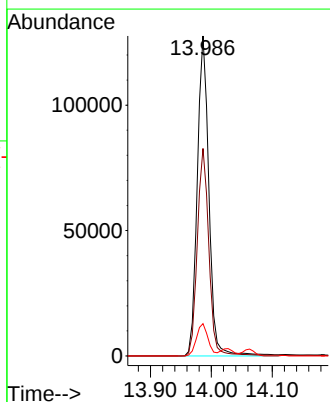
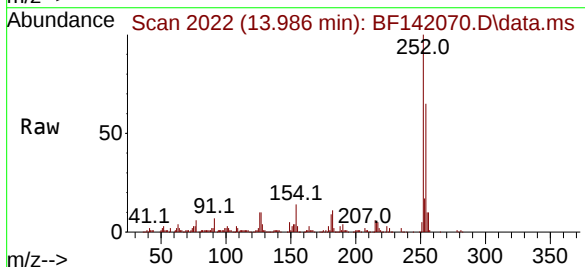
Instrument :
BNA_F
ClientSampleId :
PB167274BS

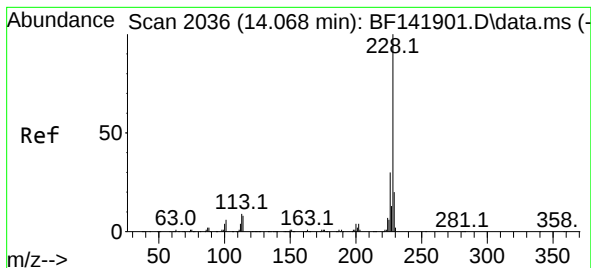
Tgt Ion:228 Resp: 962649
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 29.580 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:252 Resp: 169880
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.6
126 10.1 8.4 12.6





#83

Chrysene

Concen: 47.023 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

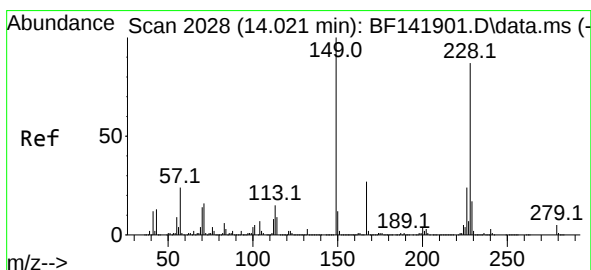
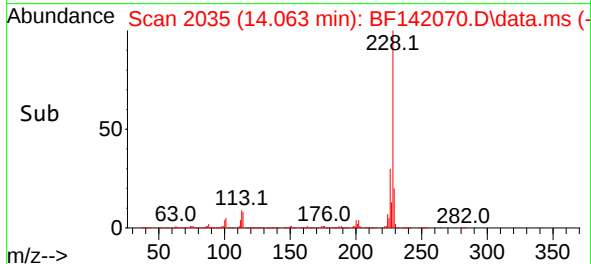
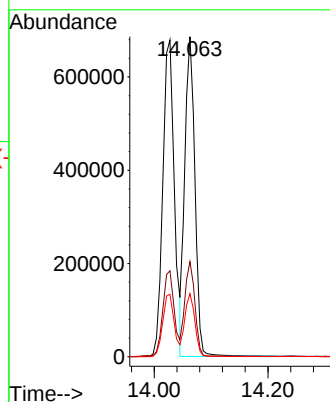
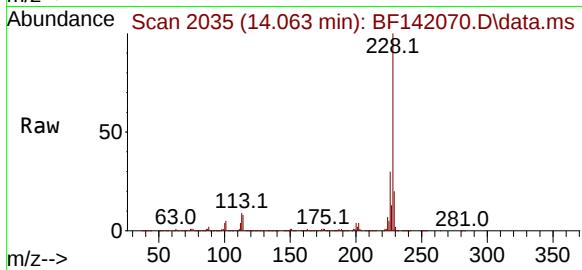
Tgt Ion:228 Resp: 847099

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.136 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

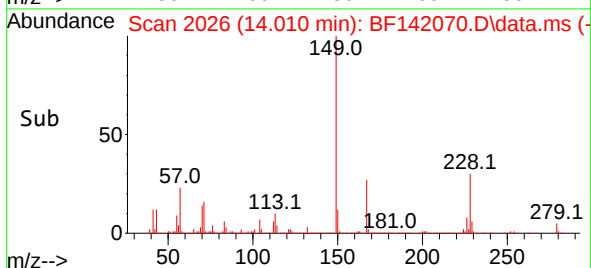
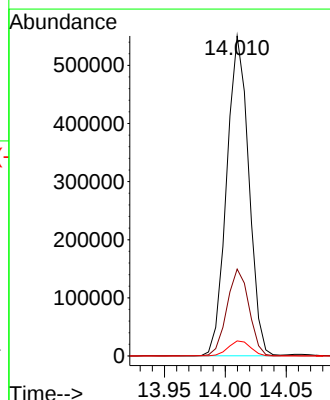
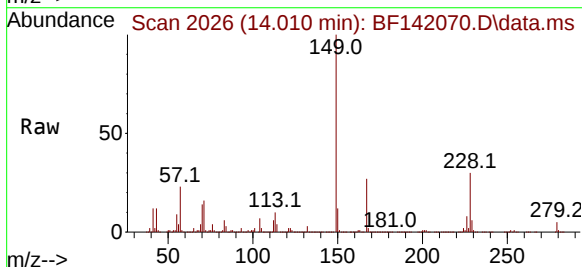
Tgt Ion:149 Resp: 694674

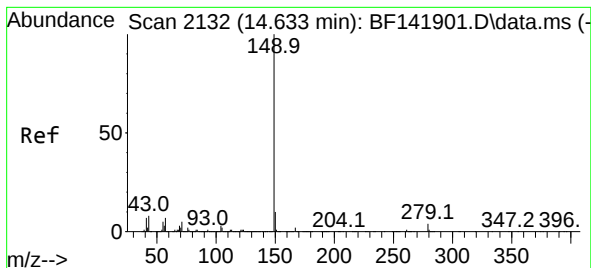
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 47.698 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

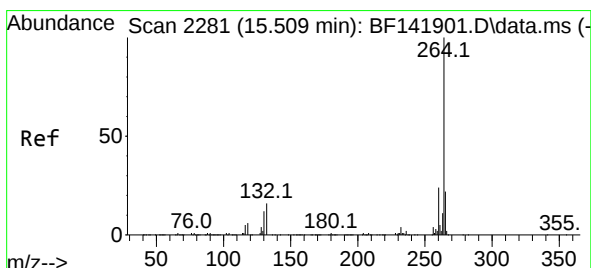
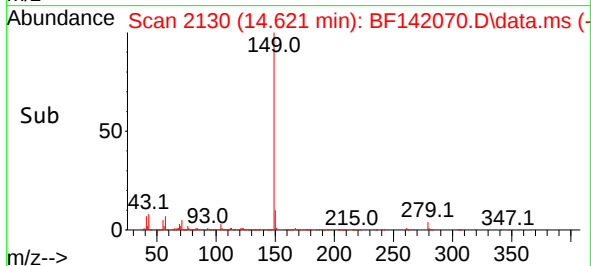
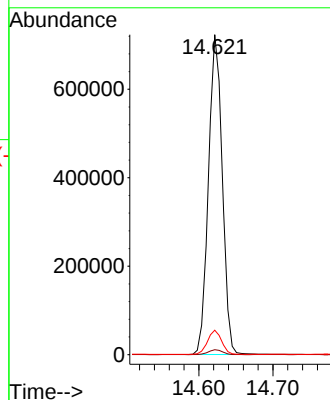
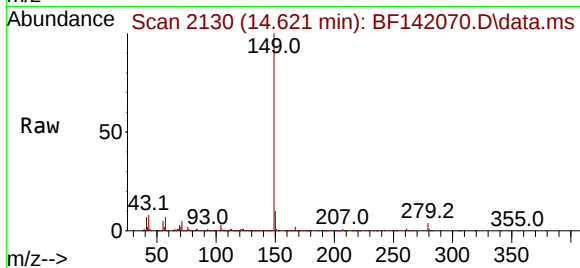
Tgt Ion:149 Resp: 938269

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

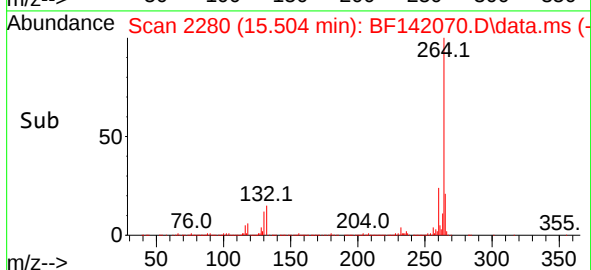
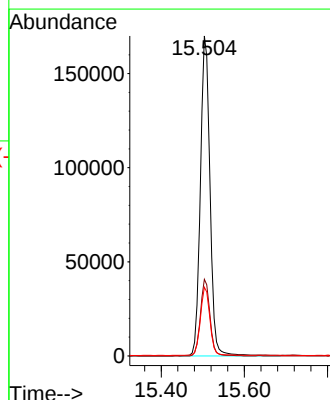
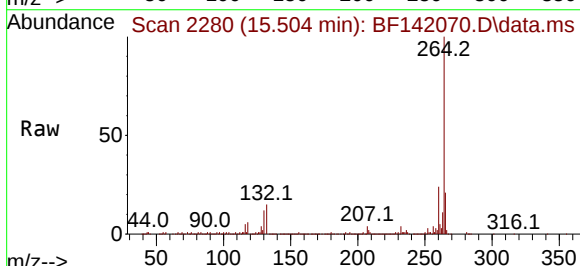
Tgt Ion:264 Resp: 273867

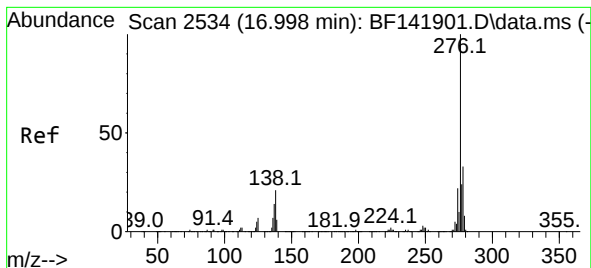
Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.297 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

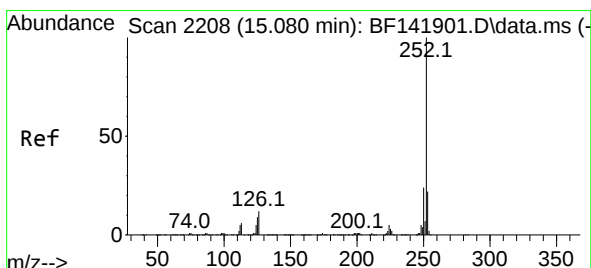
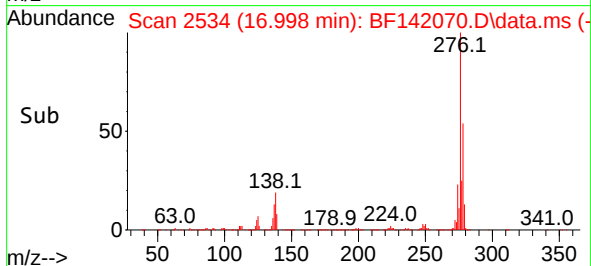
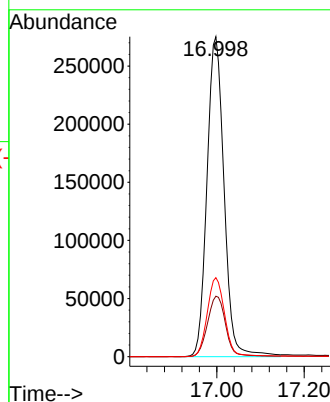
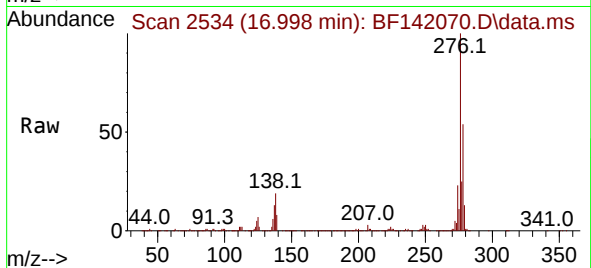
Tgt Ion:276 Resp: 749335

Ion Ratio Lower Upper

276 100

138 20.2 18.4 27.6

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.497 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

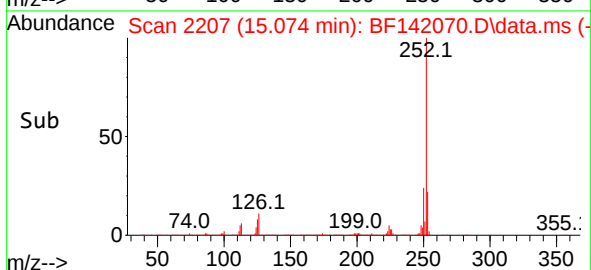
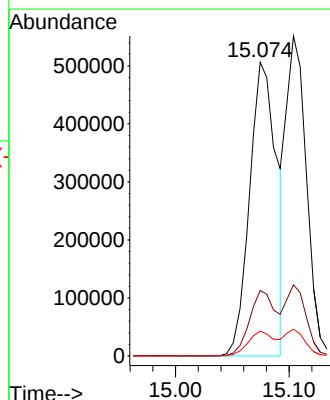
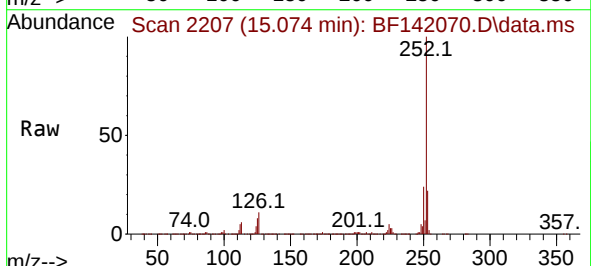
Tgt Ion:252 Resp: 835193

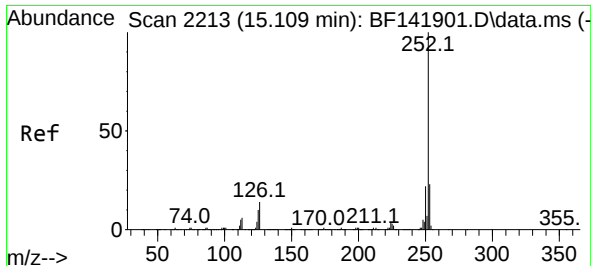
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 8.4 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 43.790 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

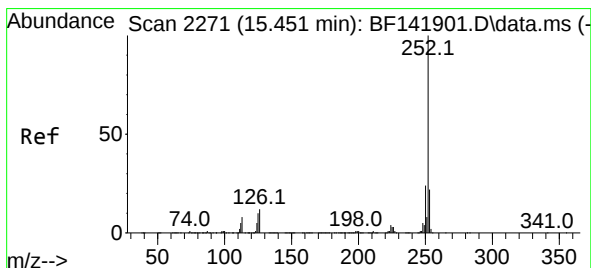
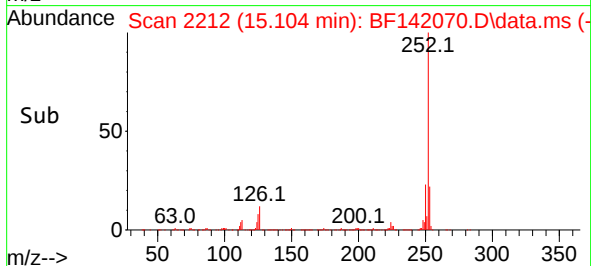
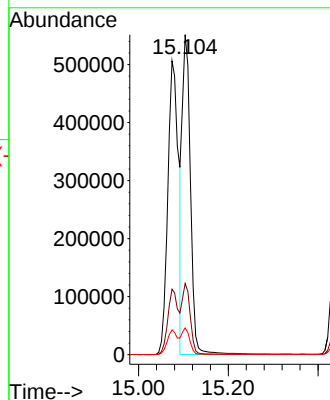
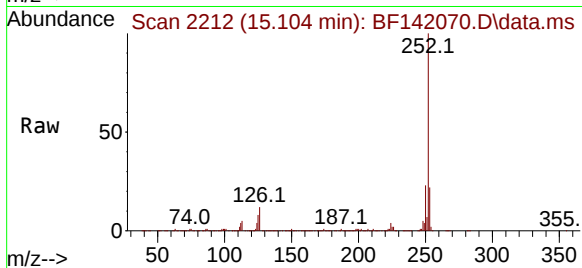
Tgt Ion:252 Resp: 703377

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 48.560 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

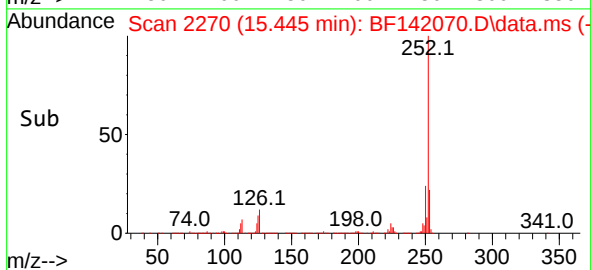
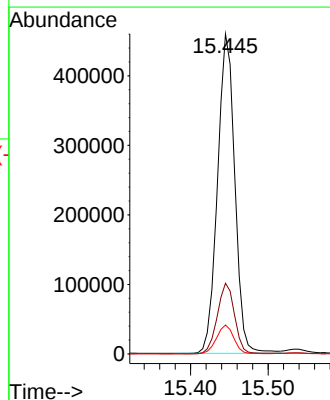
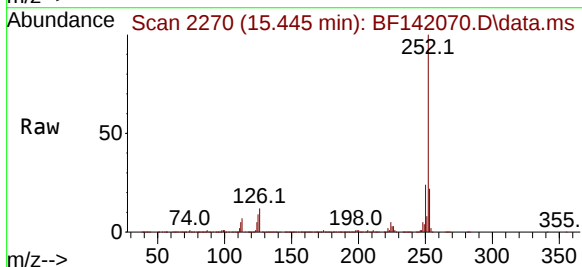
Tgt Ion:252 Resp: 713179

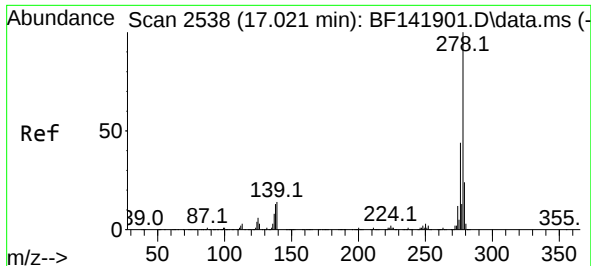
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.1 7.8 11.8

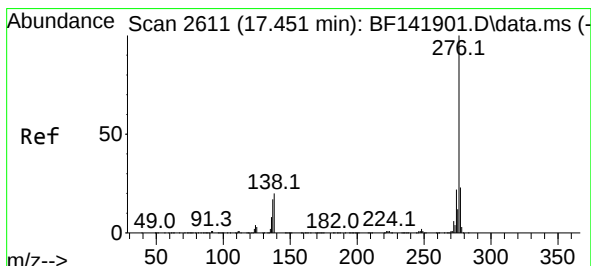
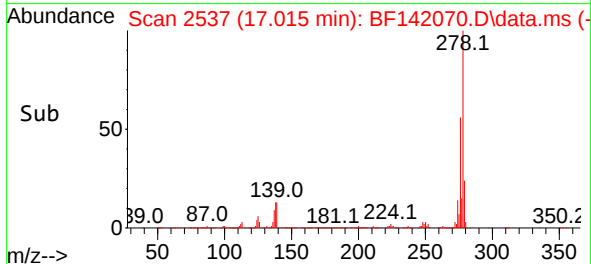
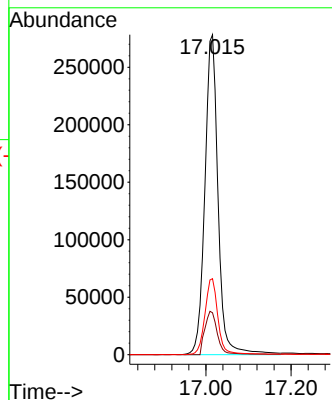
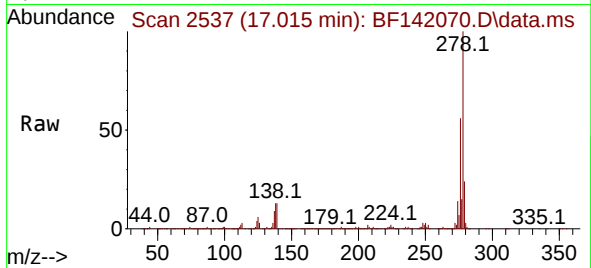




#91
 Dibenzo(a,h)anthracene
 Concen: 40.961 ng
 RT: 17.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142070.D
 Acq: 25 Mar 2025 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB167274BS

Tgt Ion:278 Resp: 598737
 Ion Ratio Lower Upper
 278 100
 139 13.1 11.4 17.2
 279 23.8 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 38.596 ng
 RT: 17.445 min Scan# 2610
 Delta R.T. -0.006 min
 Lab File: BF142070.D
 Acq: 25 Mar 2025 11:09

Tgt Ion:276 Resp: 557501
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.7 28.1
 138 17.1 15.8 23.8

