

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
 Data File : BF142991.D
 Acq On : 03 Jul 2025 11:55
 Operator : RC/JU
 Sample : PB168674BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168674BS

Quant Time: Jul 03 12:57:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63885	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	241904	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	125461	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	198063	20.000	ng	0.00
76) Chrysene-d12	14.057	240	112102	20.000	ng	0.00
86) Perylene-d12	15.545	264	135188	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	450791	117.482	ng	0.01
7) Phenol-d6	6.510	99	537410	118.711	ng	0.00
23) Nitrobenzene-d5	7.439	82	335327	76.034	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	160859	124.593	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	744584	77.964	ng	-0.01
79) Terphenyl-d14	12.992	244	606798	74.790	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.710	88	49693	32.379	ng 100
3) Pyridine	3.475	79	139949	36.373	ng 99
4) n-Nitrosodimethylamine	3.428	42	79657	40.036	ng 98
6) Aniline	6.534	93	199811	33.171	ng # 65
8) 2-Chlorophenol	6.663	128	179095	43.269	ng 97
9) Benzaldehyde	6.428	77	73871	27.504	ng 99
10) Phenol	6.522	94	207828	41.300	ng 87
11) bis(2-Chloroethyl)ether	6.610	93	155659	43.280	ng 96
12) 1,3-Dichlorobenzene	6.816	146	195413	42.214	ng 100
13) 1,4-Dichlorobenzene	6.892	146	198305	42.460	ng 99
14) 1,2-Dichlorobenzene	7.045	146	188839	42.628	ng 99
15) Benzyl Alcohol	7.016	79	143929	43.978	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	232875	40.301	ng 83
17) 2-Methylphenol	7.134	107	134408	42.850	ng 96
18) Hexachloroethane	7.387	117	71032	43.482	ng 96
19) n-Nitroso-di-n-propyla...	7.287	70	116422	44.217	ng 98
20) 3+4-Methylphenols	7.287	107	172556	44.121	ng 95
22) Acetophenone	7.287	105	237149	44.456	ng 99
24) Nitrobenzene	7.457	77	174550	43.729	ng 100
25) Isophorone	7.698	82	309400	43.733	ng 99
26) 2-Nitrophenol	7.775	139	98136	45.132	ng 100
27) 2,4-Dimethylphenol	7.810	122	164690	43.725	ng 100
28) bis(2-Chloroethoxy)met...	7.904	93	197590	43.931	ng 100
29) 2,4-Dichlorophenol	8.022	162	151503	44.362	ng 99
30) 1,2,4-Trichlorobenzene	8.098	180	165372	44.037	ng 99
31) Naphthalene	8.181	128	517343	43.692	ng 99
32) Benzoic acid	7.934	122	76830	40.021	ng 96
33) 4-Chloroaniline	8.228	127	128266	26.641	ng 99
34) Hexachlorobutadiene	8.292	225	102492	44.619	ng 99
35) Caprolactam	8.604	113	41498m	46.048	ng
36) 4-Chloro-3-methylphenol	8.716	107	151048	44.503	ng 99
37) 2-Methylnaphthalene	8.875	142	324645	44.224	ng 100
38) 1-Methylnaphthalene	8.975	142	334464	44.013	ng 100
40) 1,2,4,5-Tetrachloroben...	9.039	216	169134	45.688	ng 98
41) Hexachlorocyclopentadiene	9.022	237	178983	85.198	ng 99
43) 2,4,6-Trichlorophenol	9.157	196	104953	43.508	ng 98

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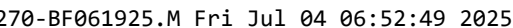
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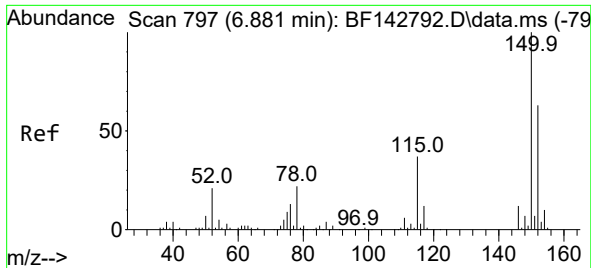
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	113751	44.795	ng	99
46) 1,1'-Biphenyl	9.339	154	441338	44.531	ng	99
47) 2-Chloronaphthalene	9.363	162	327905	44.089	ng	100
48) 2-Nitroaniline	9.463	65	92365	44.298	ng	97
49) Acenaphthylene	9.781	152	539706	44.081	ng	100
50) Dimethylphthalate	9.639	163	371267	45.716	ng	100
51) 2,6-Dinitrotoluene	9.704	165	81216	45.538	ng	96
52) Acenaphthene	9.951	154	361360m	48.375	ng	
53) 3-Nitroaniline	9.875	138	59605	30.355	ng	96
54) 2,4-Dinitrophenol	9.986	184	83402	93.393	ng	95
55) Dibenzofuran	10.122	168	468717	43.757	ng	99
56) 4-Nitrophenol	10.045	139	107577	80.024	ng	98
57) 2,4-Dinitrotoluene	10.110	165	109182	46.088	ng	97
58) Fluorene	10.469	166	374712	44.791	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	88572	43.272	ng	97
60) Diethylphthalate	10.339	149	367284	46.126	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	181362	45.431	ng	99
62) 4-Nitroaniline	10.486	138	76004	42.321	ng	99
63) Azobenzene	10.616	77	311484	43.768	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	55318	46.175	ng	96
66) n-Nitrosodiphenylamine	10.580	169	320102	46.632	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	108026	47.923	ng	98
68) Hexachlorobenzene	11.016	284	117783	47.024	ng	98
69) Atrazine	11.104	200	91240	51.472	ng	100
70) Pentachlorophenol	11.216	266	106145	85.045	ng	98
71) Phenanthrene	11.433	178	492551	45.908	ng	100
72) Anthracene	11.486	178	500479	45.483	ng	100
73) Carbazole	11.639	167	423084	44.555	ng	99
74) Di-n-butylphthalate	11.963	149	497923	50.335	ng	100
75) Fluoranthene	12.621	202	449628	44.157	ng	100
77) Benzidine	12.745	184	144434	34.293	ng	100
78) Pyrene	12.851	202	439028	41.781	ng	99
80) Butylbenzylphthalate	13.463	149	161506	52.987	ng	99
81) Benzo(a)anthracene	14.045	228	350937	46.405	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	72559	29.580	ng	98
83) Chrysene	14.080	228	312411	46.296	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	243557	55.538	ng	100
85) Di-n-octyl phthalate	14.639	149	450741	54.508	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	440784	42.806	ng	98
88) Benzo(b)fluoranthene	15.110	252	354267	45.288	ng	100
89) Benzo(k)fluoranthene	15.139	252	354547	48.445	ng	99
90) Benzo(a)pyrene	15.486	252	352792	46.683	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	358859	42.892	ng	98
92) Benzo(g,h,i)perylene	17.527	276	347863	41.696	ng	98

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

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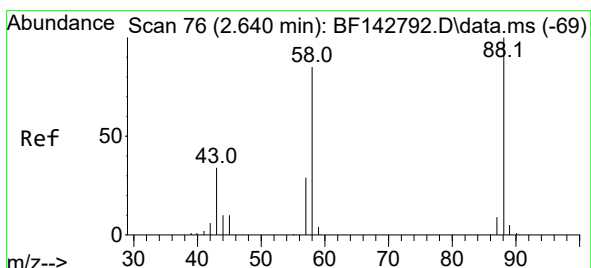
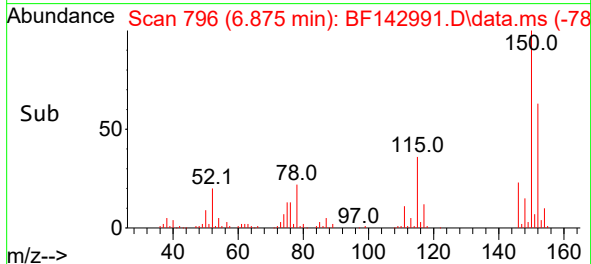
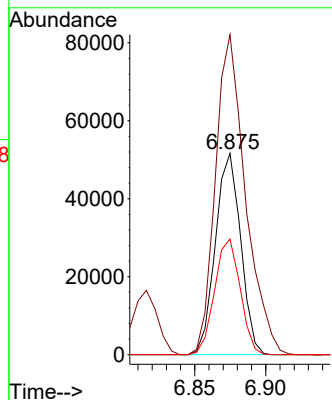
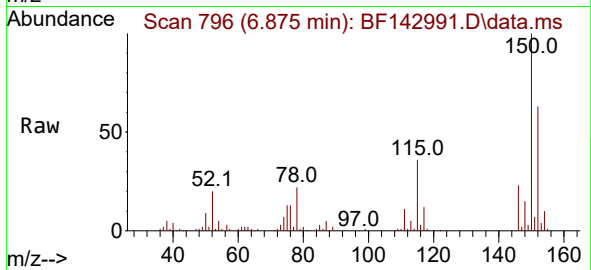




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142991.D
 Acq: 03 Jul 2025 11:55

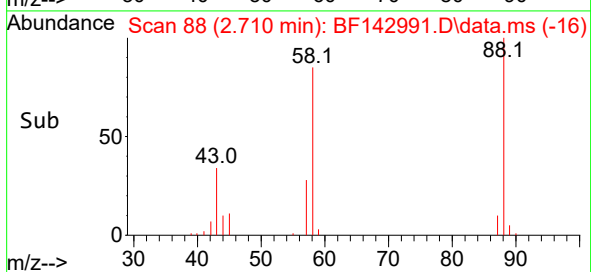
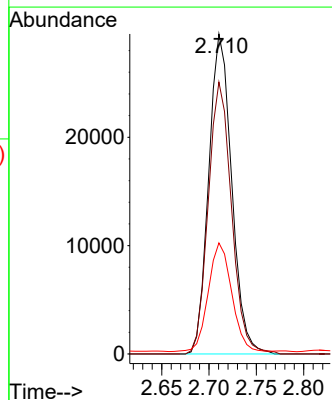
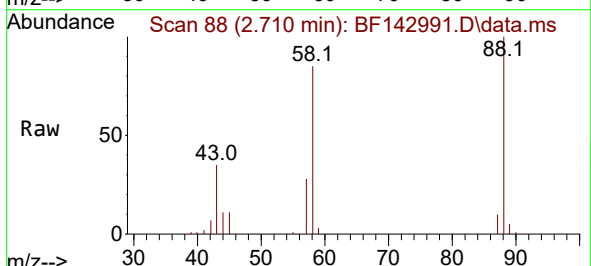
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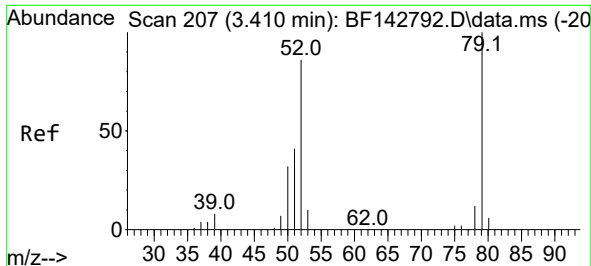
Tgt Ion:152 Resp: 63885
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.2 190.8
 115 57.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 32.379 ng
 RT: 2.710 min Scan# 88
 Delta R.T. 0.071 min
 Lab File: BF142991.D
 Acq: 03 Jul 2025 11:55

Tgt Ion: 88 Resp: 49693
 Ion Ratio Lower Upper
 88 100
 58 86.2 69.1 103.7
 43 34.5 27.4 41.2

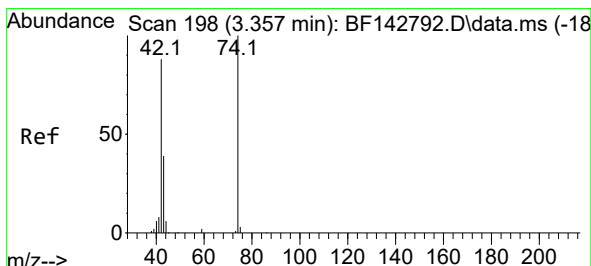
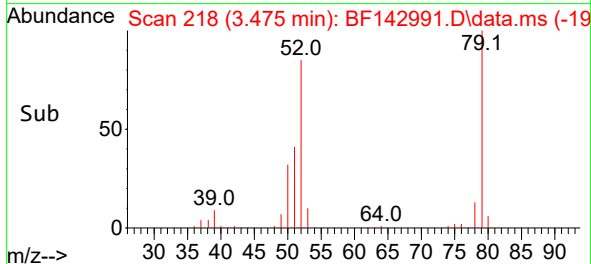
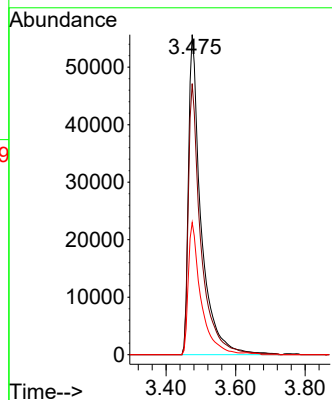
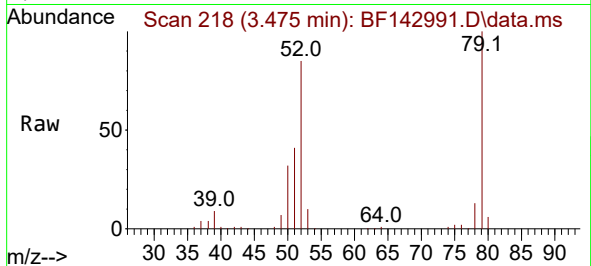




#3
Pyridine
Concen: 36.373 ng
RT: 3.475 min Scan# 210
Delta R.T. 0.065 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

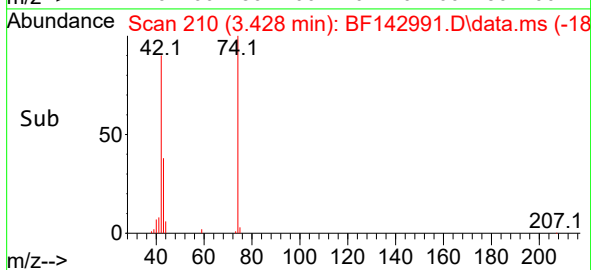
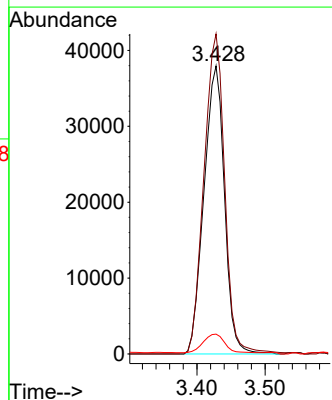
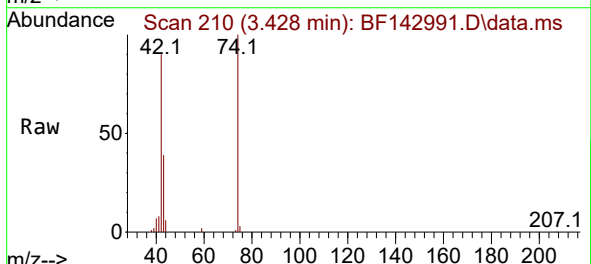
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ClientSampleId :
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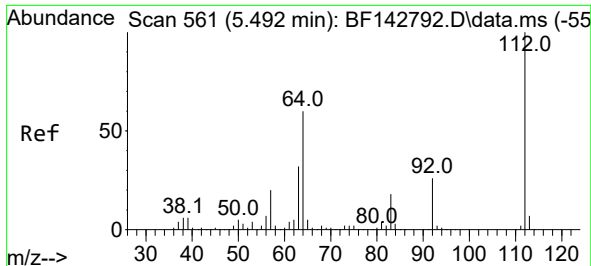
Tgt Ion: 79 Resp: 139949
Ion Ratio Lower Upper
79 100
52 84.7 69.2 103.8
51 41.3 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 40.036 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion: 42 Resp: 79657
Ion Ratio Lower Upper
42 100
74 111.1 90.9 136.3
44 6.9 5.8 8.6

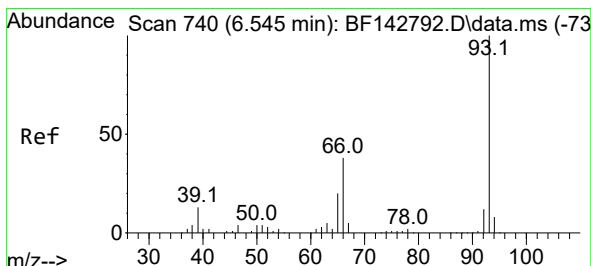
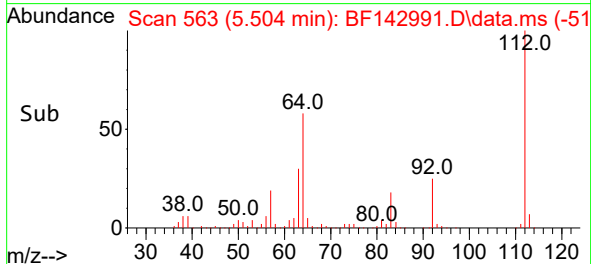
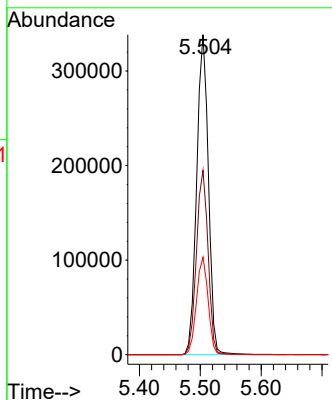
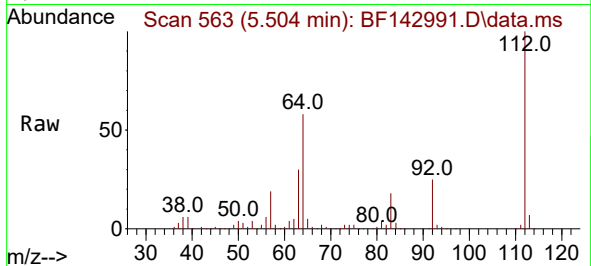




#5
2-Fluorophenol
Concen: 117.482 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

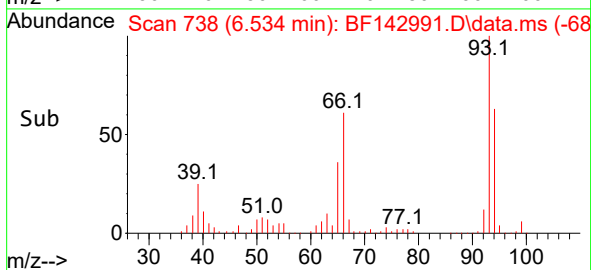
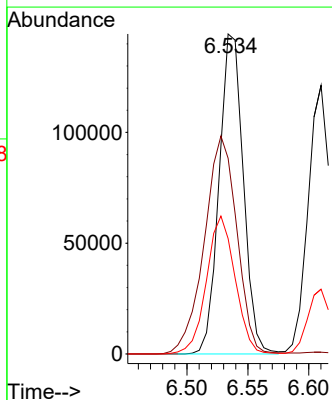
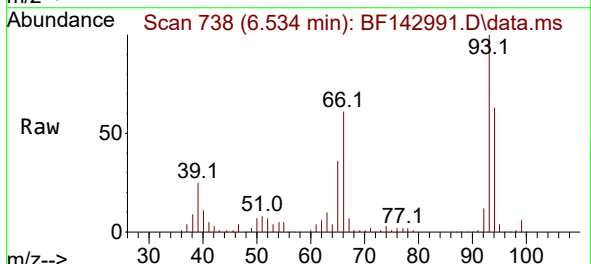
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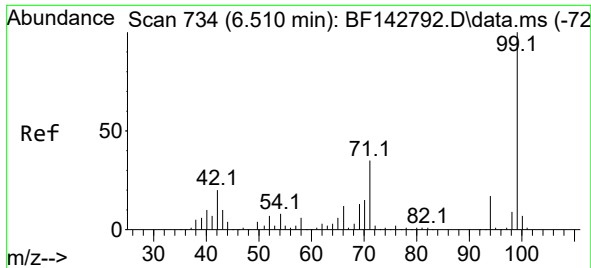
Tgt Ion:112 Resp: 450791
Ion Ratio Lower Upper
112 100
64 57.6 48.2 72.2
63 30.4 25.7 38.5



#6
Aniline
Concen: 33.171 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion: 93 Resp: 199811
Ion Ratio Lower Upper
93 100
66 61.2 31.8 47.6#
65 36.1 16.2 24.2#

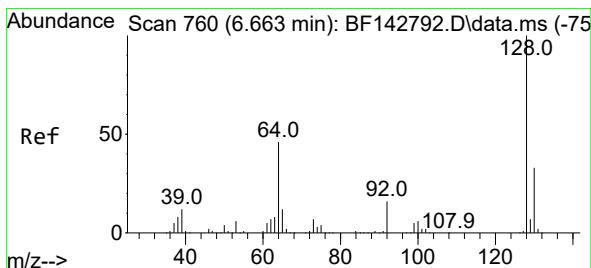
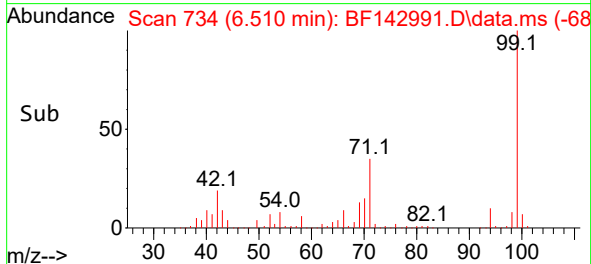
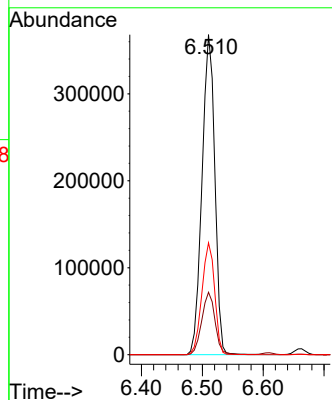
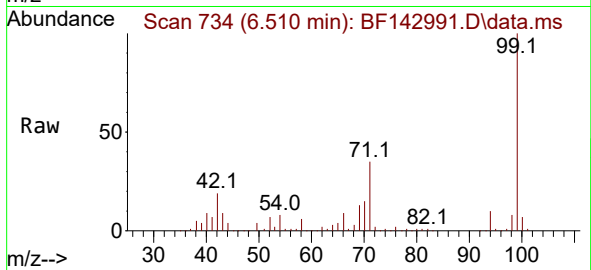




#7
Phenol-d6
Concen: 118.711 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

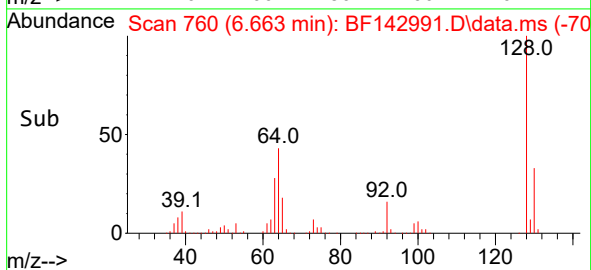
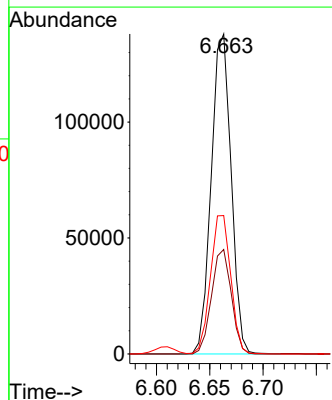
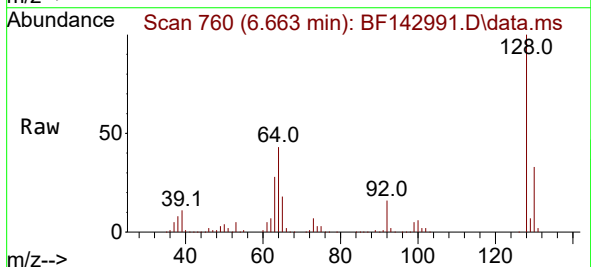
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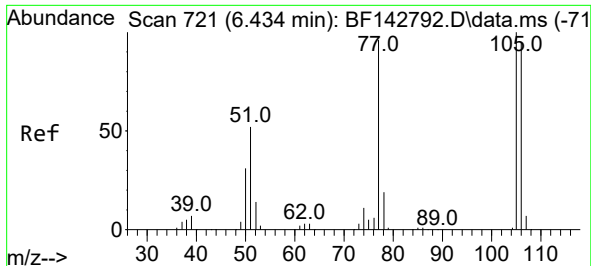
Tgt Ion: 99 Resp: 537410
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.0 27.8 41.8



#8
2-Chlorophenol
Concen: 43.269 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion: 128 Resp: 179095
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 43.3 26.5 66.5

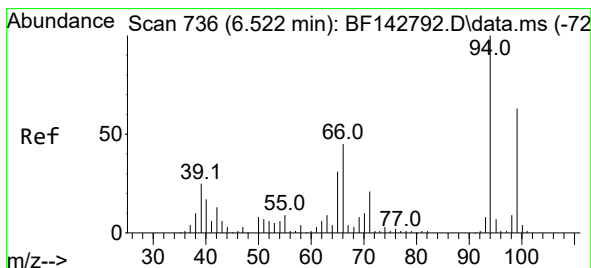
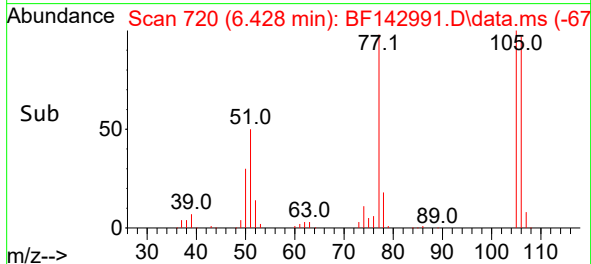
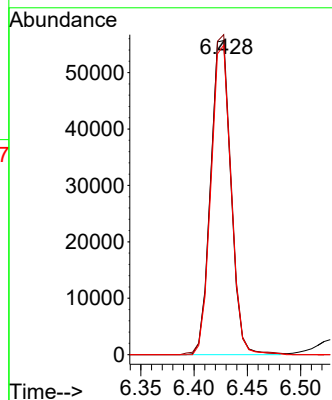
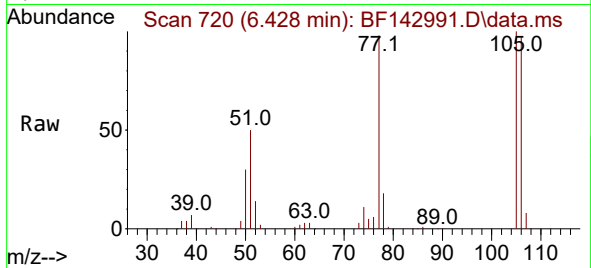




#9
Benzaldehyde
Concen: 27.504 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

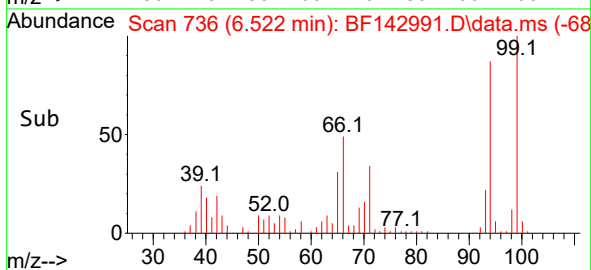
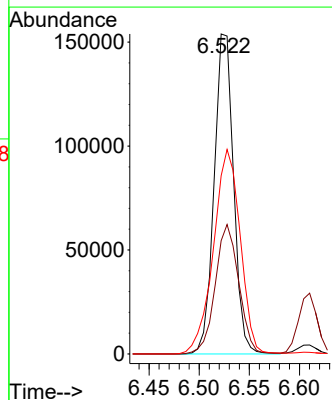
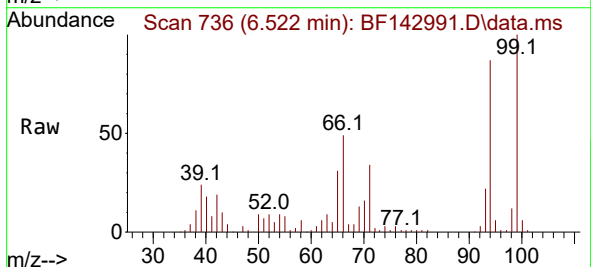
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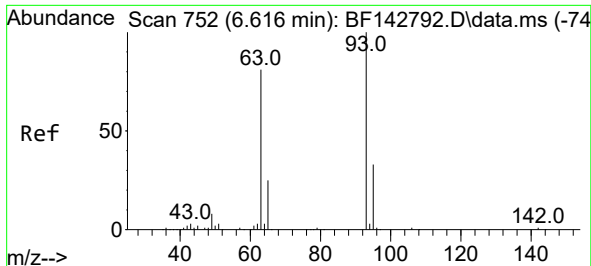
Tgt Ion: 77 Resp: 73871
Ion Ratio Lower Upper
77 100
105 101.9 83.8 123.8
106 98.5 78.7 118.7



#10
Phenol
Concen: 41.300 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion: 94 Resp: 207828
Ion Ratio Lower Upper
94 100
65 35.4 11.3 51.3
66 55.7 24.9 64.9

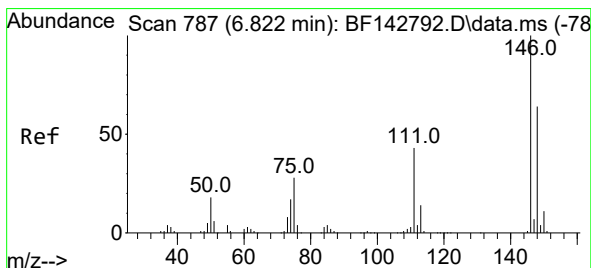
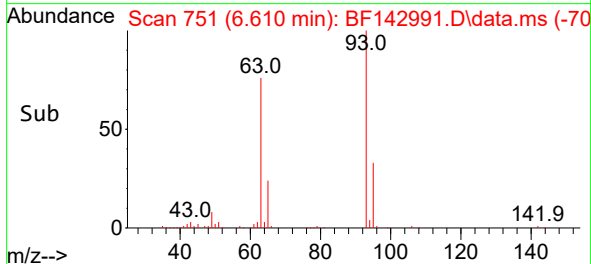
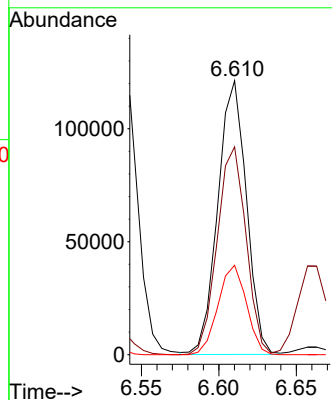
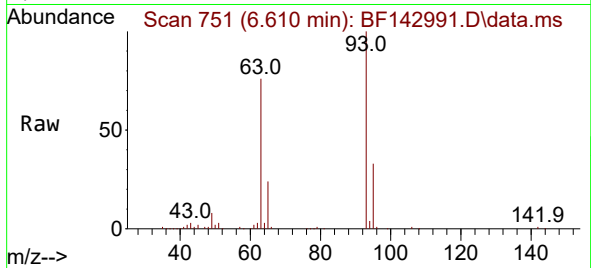




#11
bis(2-Chloroethyl)ether
Concen: 43.280 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

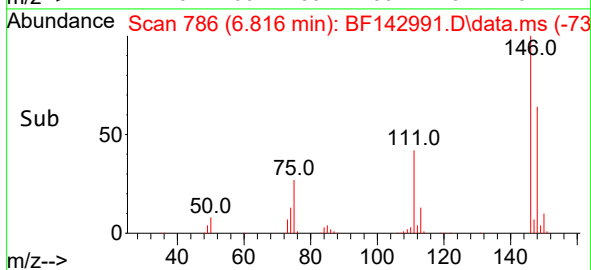
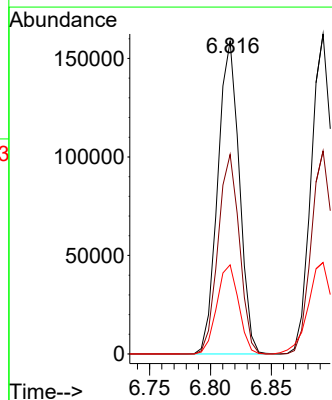
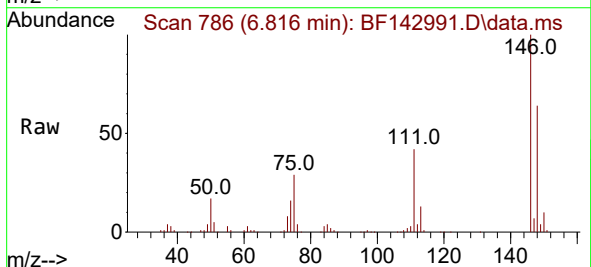
Instrument :
BNA_F
ClientSampleId :
PB168674BS

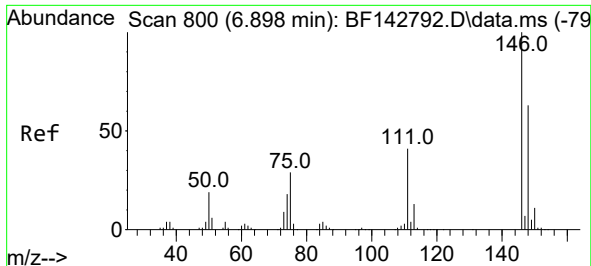
Tgt Ion: 93 Resp: 155659
Ion Ratio Lower Upper
93 100
63 75.9 60.3 100.3
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.214 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:146 Resp: 195413
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
75 28.5 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 42.460 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS

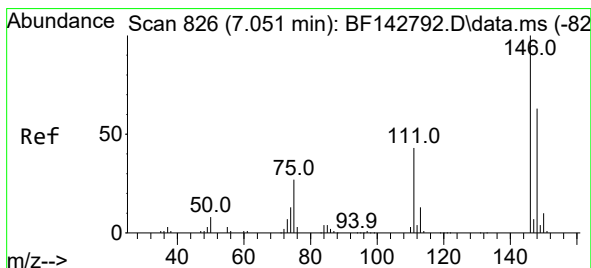
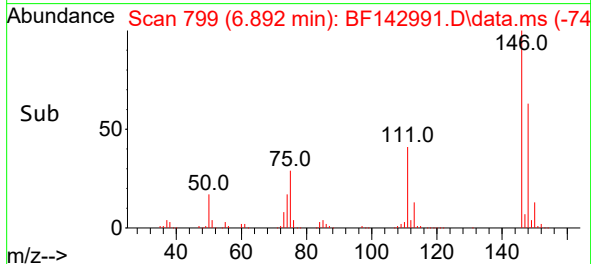
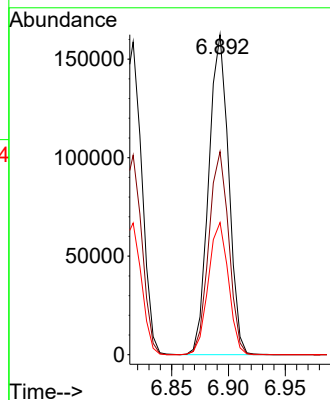
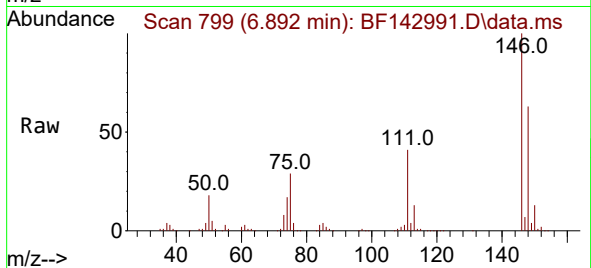
Tgt Ion:146 Resp: 198305

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

111 41.3 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 42.628 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

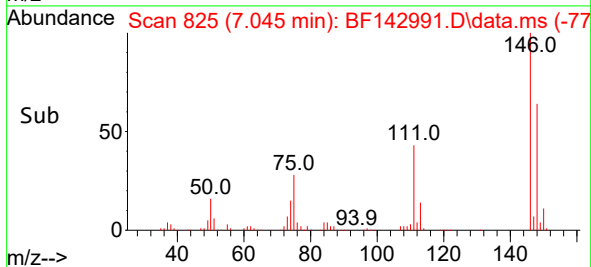
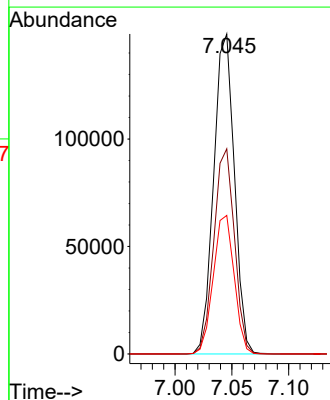
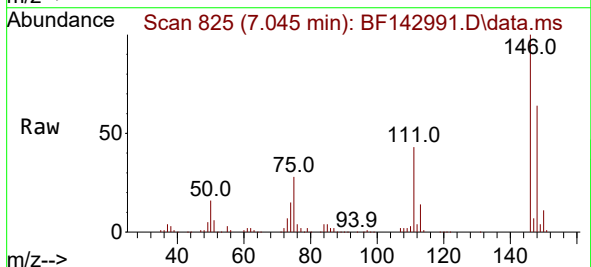
Tgt Ion:146 Resp: 188839

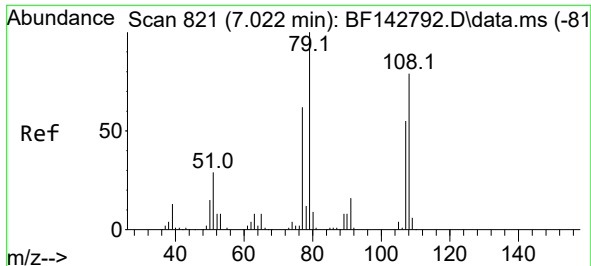
Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

111 43.3 34.1 51.1

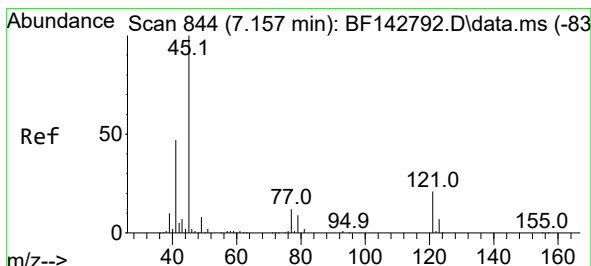
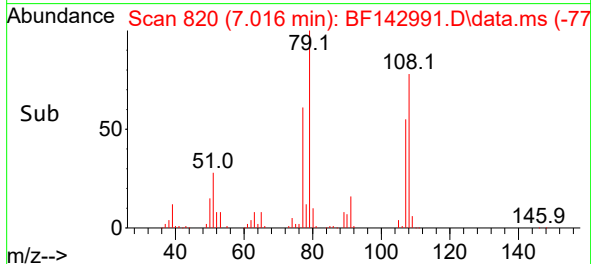
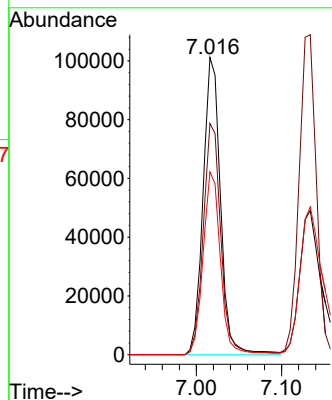
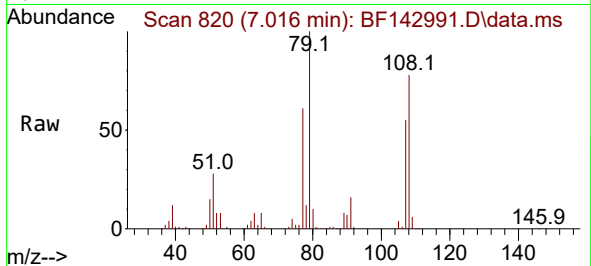




#15
Benzyl Alcohol
Concen: 43.978 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

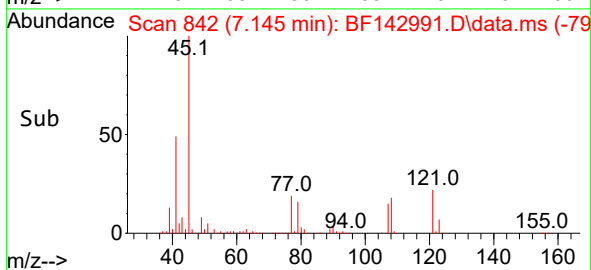
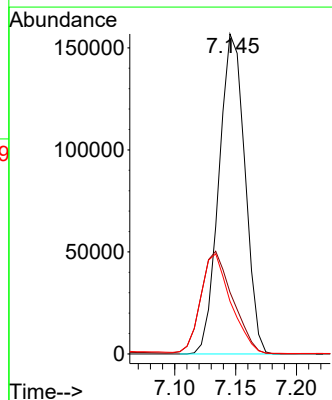
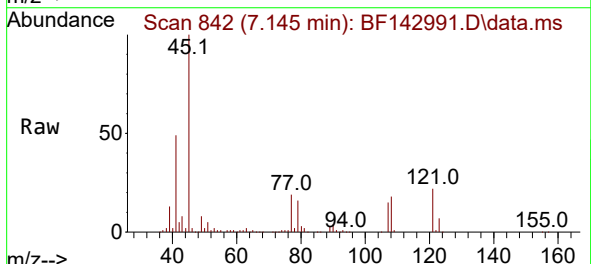
Instrument :
BNA_F
ClientSampleId :
PB168674BS

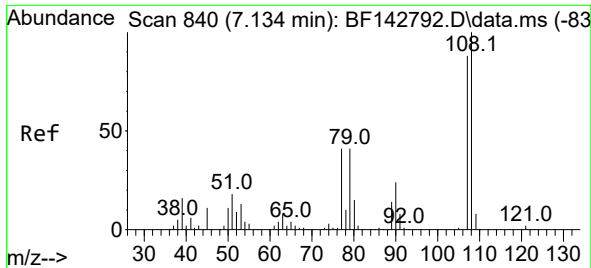
Tgt Ion: 79 Resp: 143929
Ion Ratio Lower Upper
79 100
108 77.8 63.4 95.0
77 61.5 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.301 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion: 45 Resp: 232875
Ion Ratio Lower Upper
45 100
77 19.3 0.0 32.8
79 16.5 0.0 29.8

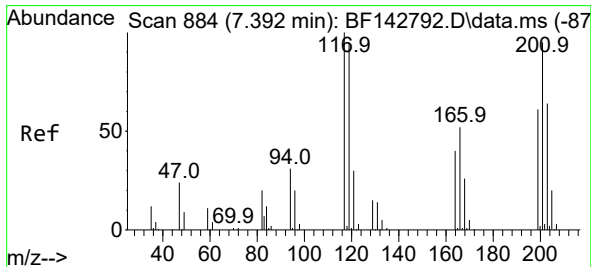
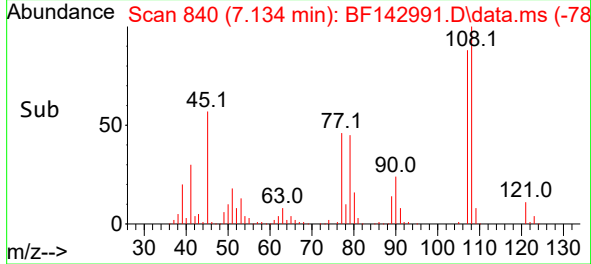
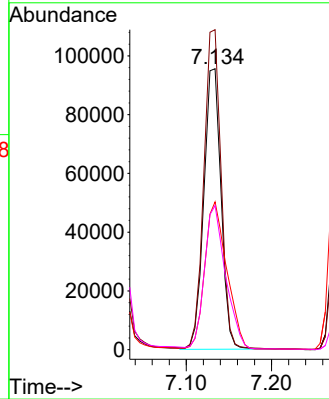
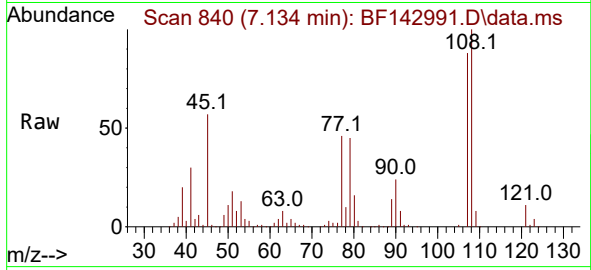




#17
2-Methylphenol
Concen: 42.850 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

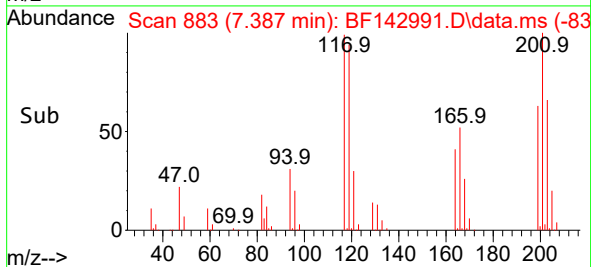
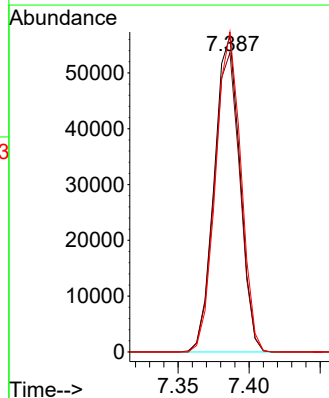
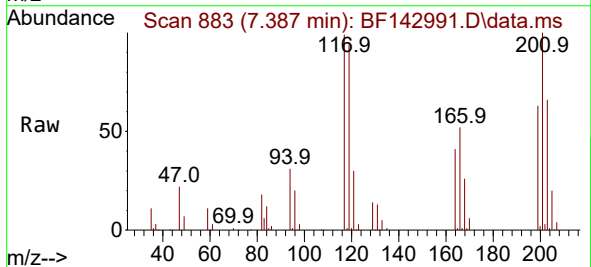
Instrument :
BNA_F
ClientSampleId :
PB168674BS

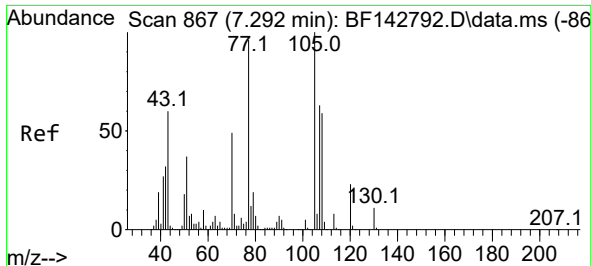
Tgt Ion:107 Resp: 134408
Ion Ratio Lower Upper
107 100
108 113.9 90.9 136.3
77 52.6 37.3 55.9
79 51.3 37.2 55.8



#18
Hexachloroethane
Concen: 43.482 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:117 Resp: 71032
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.0
201 101.3 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 44.217 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142991.D

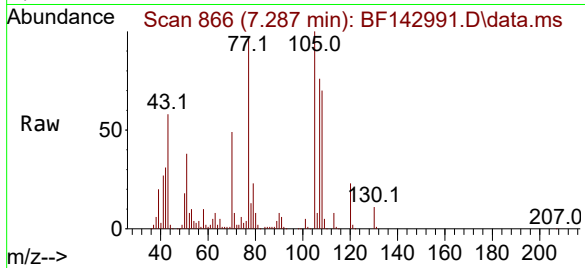
Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS



Tgt Ion: 70 Resp: 116422

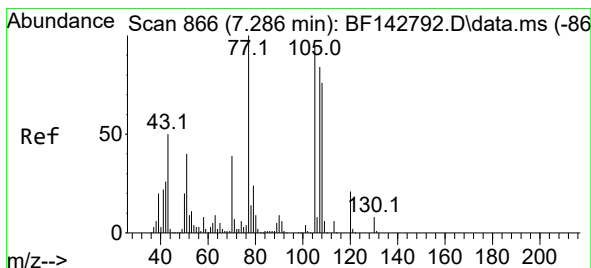
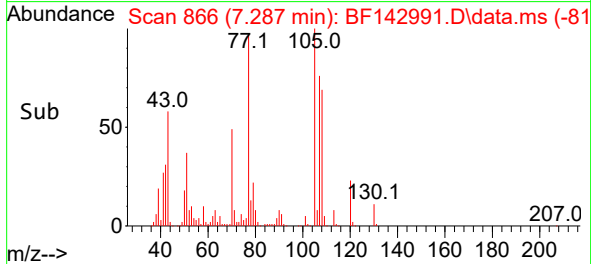
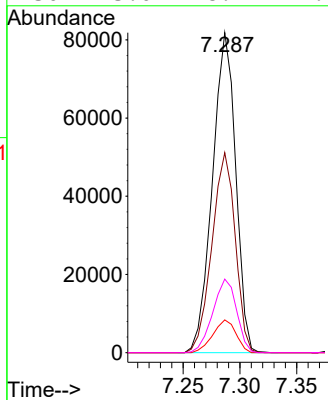
Ion Ratio Lower Upper

70 100

42 62.5 52.1 78.1

101 10.2 8.2 12.2

130 23.0 18.2 27.2



#20

3+4-Methylphenols

Concen: 44.121 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Tgt Ion:107 Resp: 172556

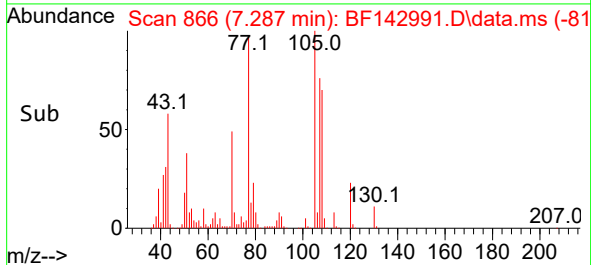
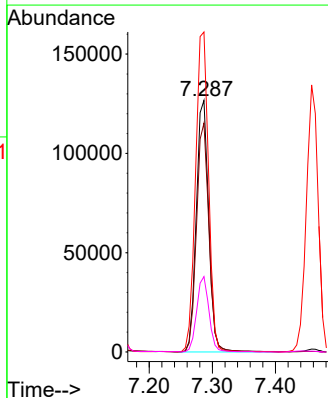
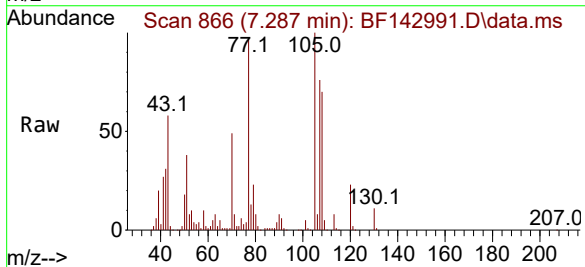
Ion Ratio Lower Upper

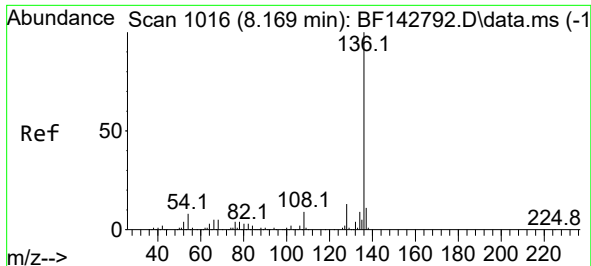
107 100

108 91.0 70.0 110.0

77 127.3 98.5 138.5

79 30.0 8.8 48.8



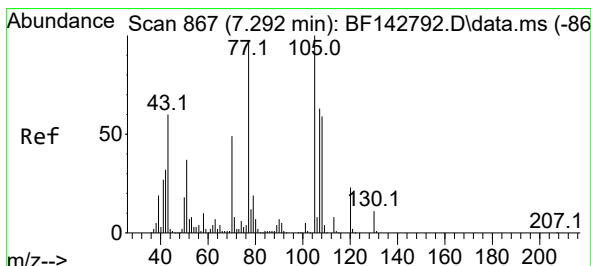
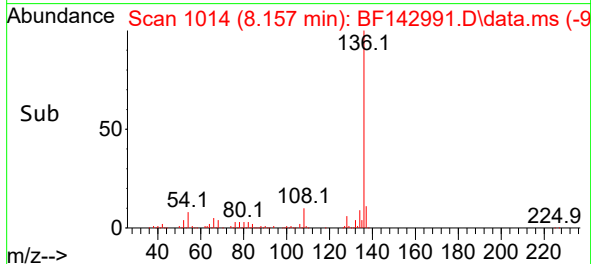
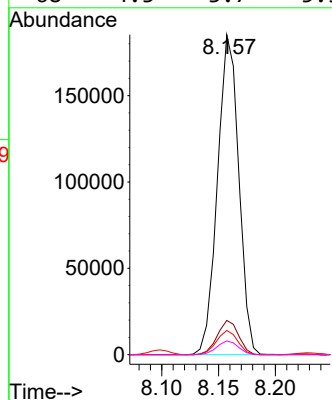
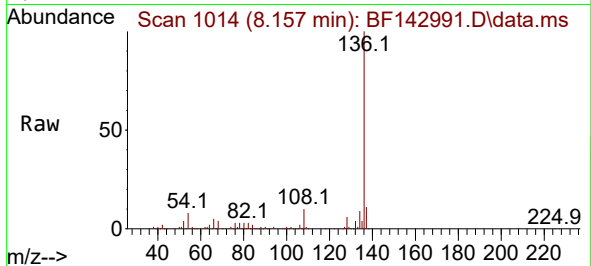


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Instrument :
BNA_F
ClientSampleId :
PB168674BS

Tgt Ion:136 Resp: 241904

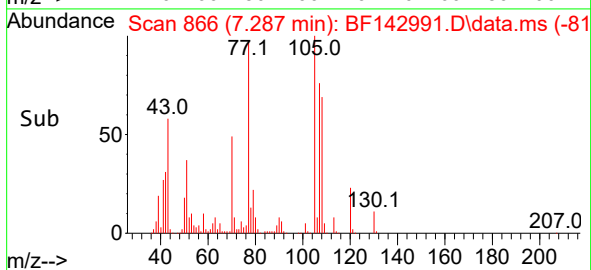
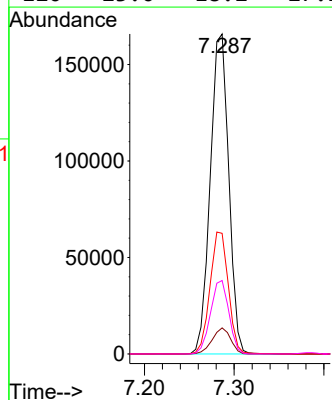
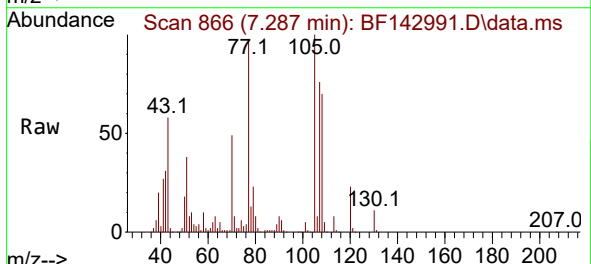
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.6	6.3	9.5
68	4.3	3.7	5.5

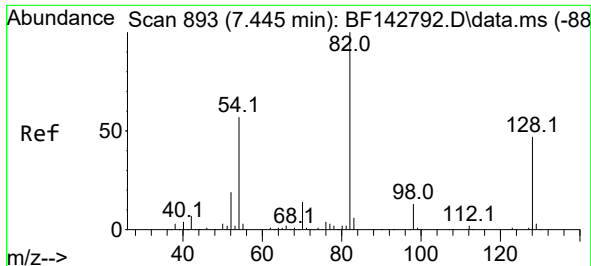


#22
Acetophenone
Concen: 44.456 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:105 Resp: 237149

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.5	9.7
51	37.7	29.8	44.8
120	23.0	18.2	27.2





#23

Nitrobenzene-d5

Concen: 76.034 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

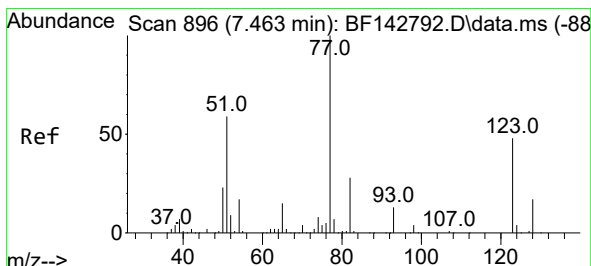
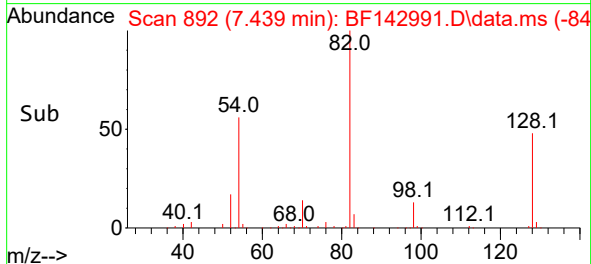
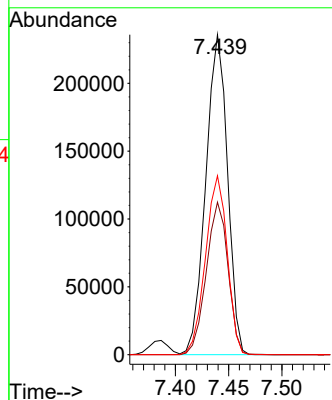
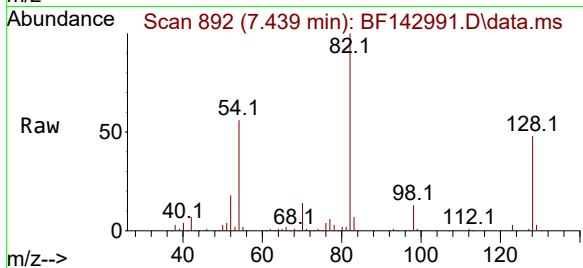
BNA_F

ClientSampleId :

PB168674BS

Tgt Ion: 82 Resp: 335327

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.7	56.5
54	55.9	45.7	68.5



#24

Nitrobenzene

Concen: 43.729 ng

RT: 7.457 min Scan# 895

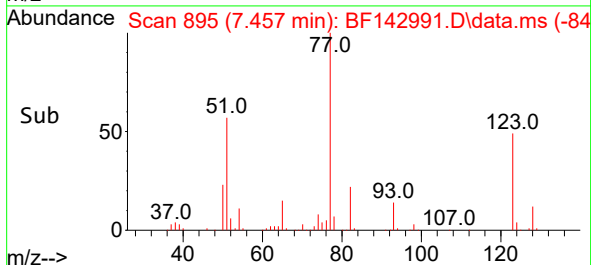
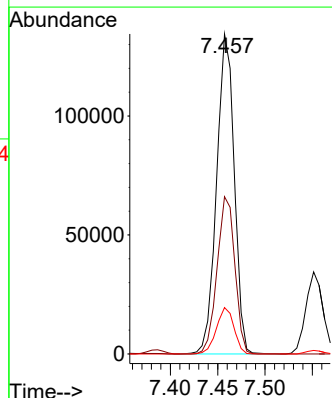
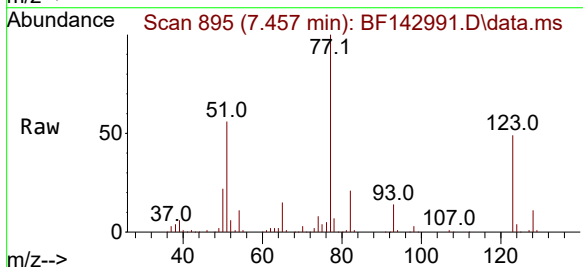
Delta R.T. -0.006 min

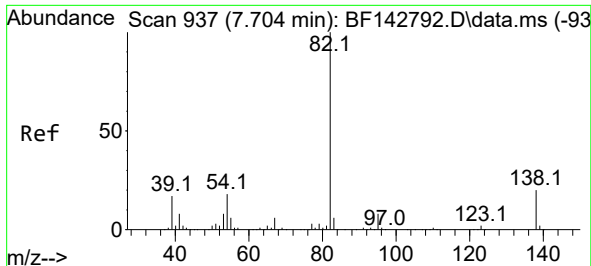
Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Tgt Ion: 77 Resp: 174550

Ion	Ratio	Lower	Upper
77	100		
123	49.1	39.2	58.8
65	14.5	11.6	17.4

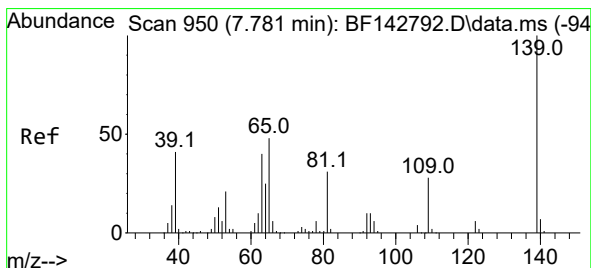
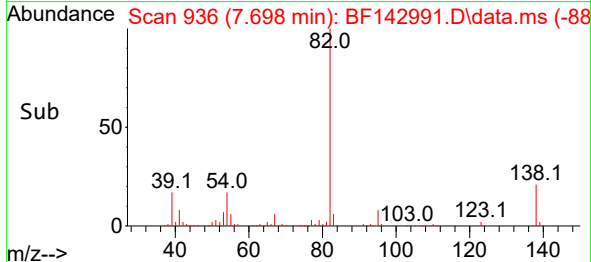
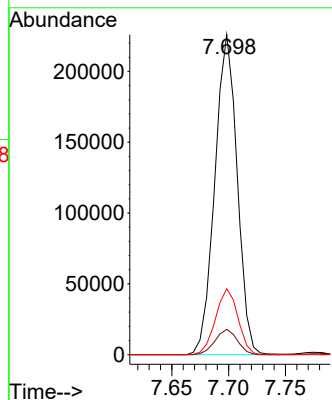
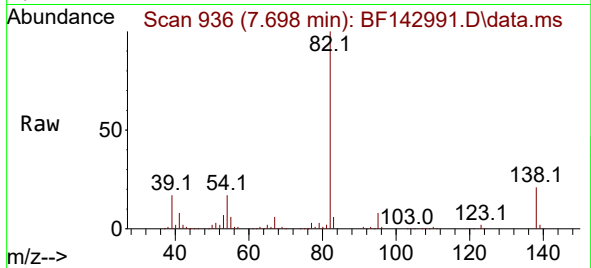




#25
Isophorone
Concen: 43.733 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

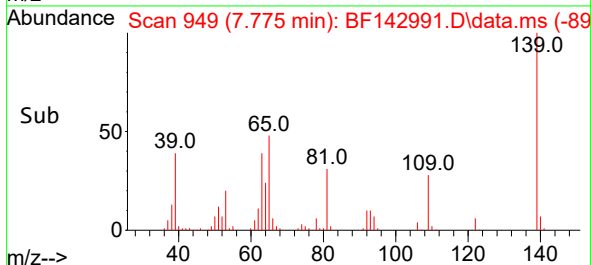
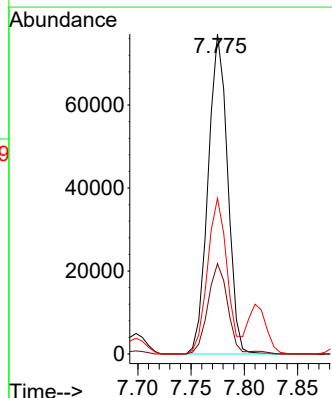
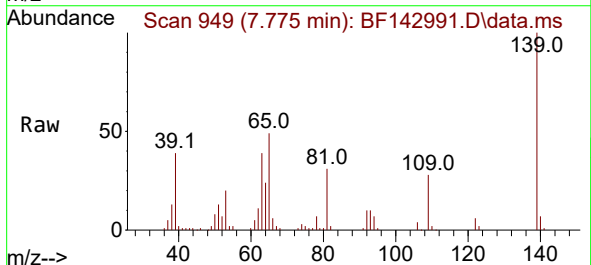
Instrument :
BNA_F
ClientSampleId :
PB168674BS

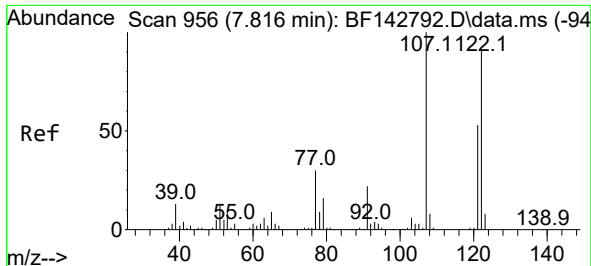
Tgt Ion: 82 Resp: 309400
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 20.6 16.2 24.4



#26
2-Nitrophenol
Concen: 45.132 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:139 Resp: 98136
Ion Ratio Lower Upper
139 100
109 28.2 22.7 34.1
65 48.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 43.725 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS

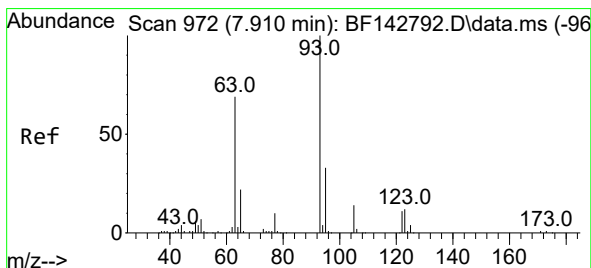
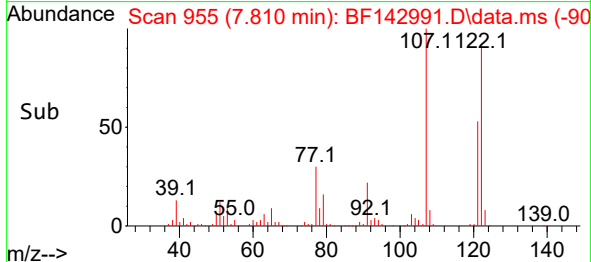
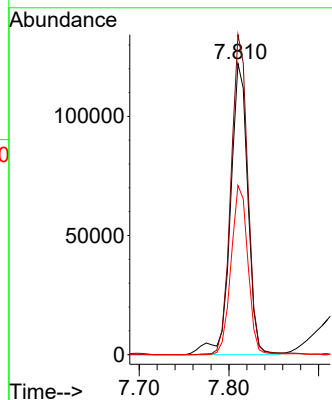
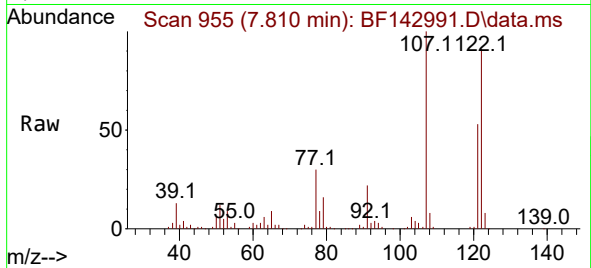
Tgt Ion:122 Resp: 164690

Ion Ratio Lower Upper

122 100

107 109.9 88.0 132.0

121 58.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.931 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

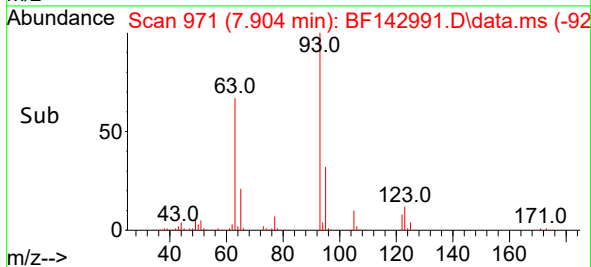
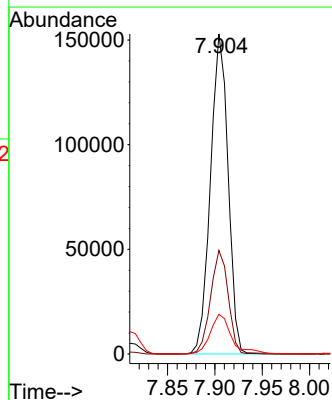
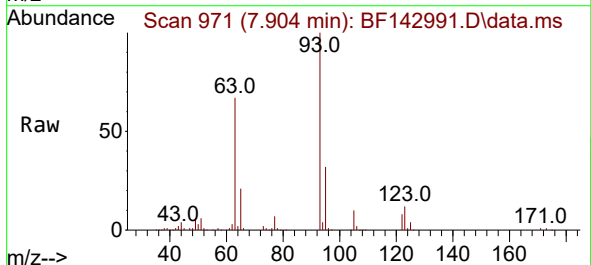
Tgt Ion: 93 Resp: 197590

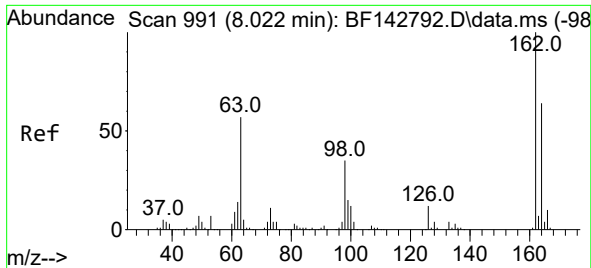
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.362 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS

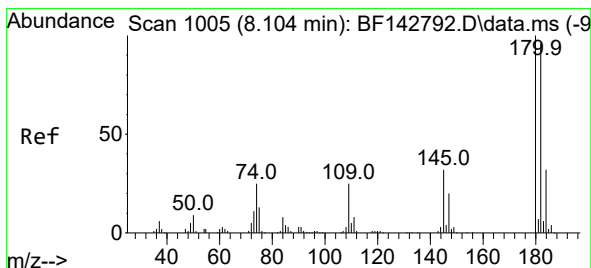
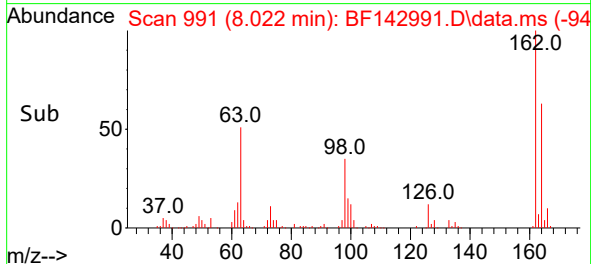
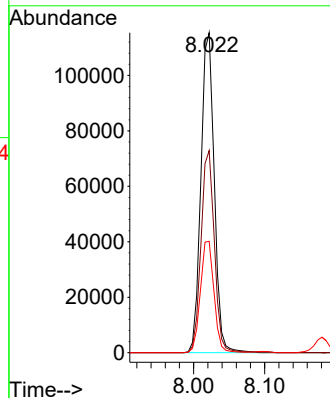
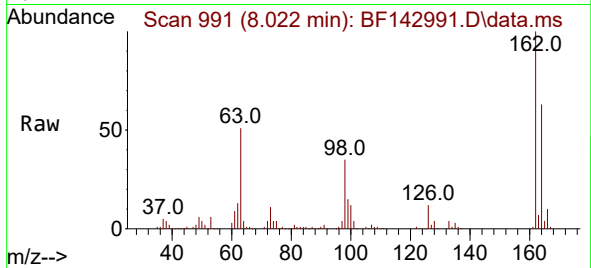
Tgt Ion:162 Resp: 151503

Ion Ratio Lower Upper

162 100

164 63.2 44.0 84.0

98 34.8 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 44.037 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

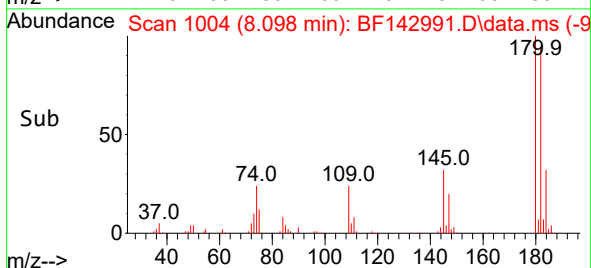
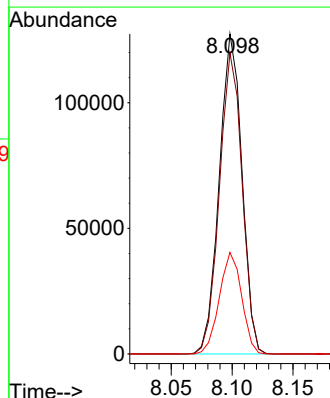
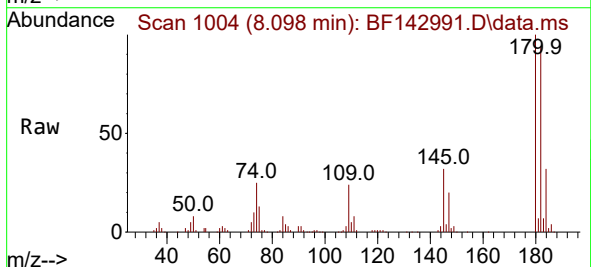
Tgt Ion:180 Resp: 165372

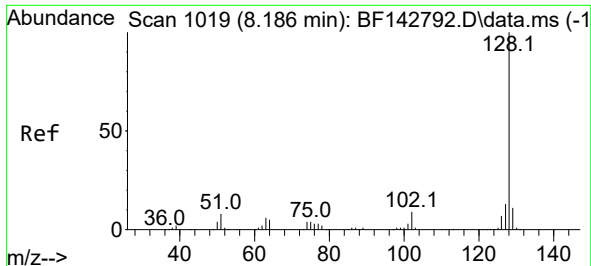
Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

145 31.8 25.8 38.8

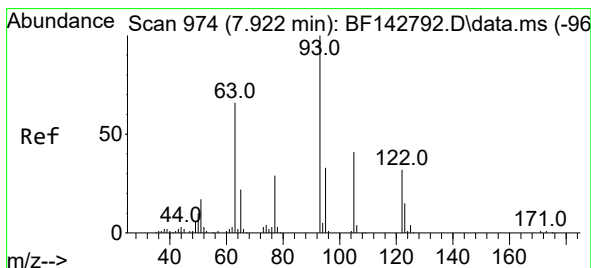
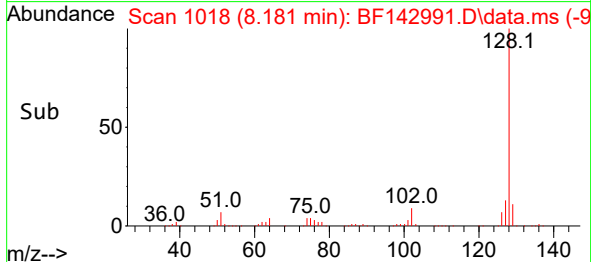
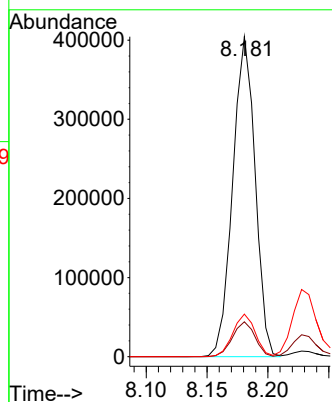
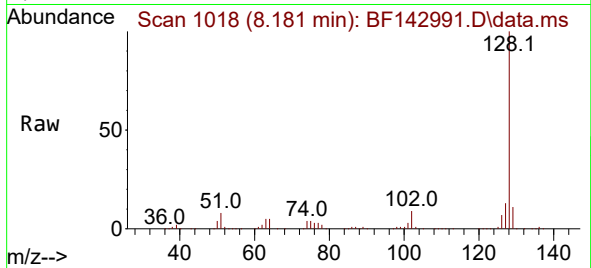




#31
Naphthalene
Concen: 43.692 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

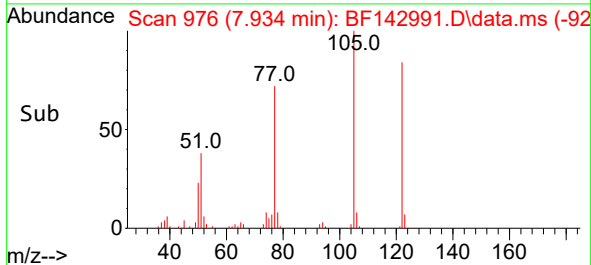
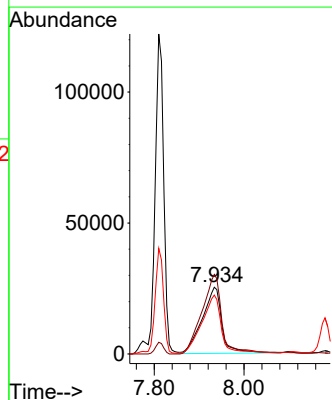
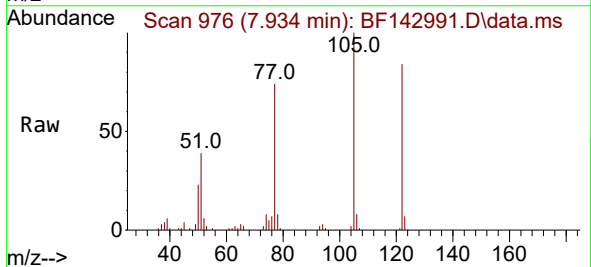
Instrument :
BNA_F
ClientSampleId :
PB168674BS

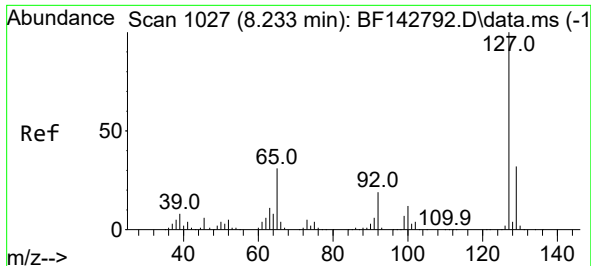
Tgt Ion:128 Resp: 517343
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 40.021 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:122 Resp: 76830
Ion Ratio Lower Upper
122 100
105 119.3 104.7 144.7
77 88.2 70.2 110.2

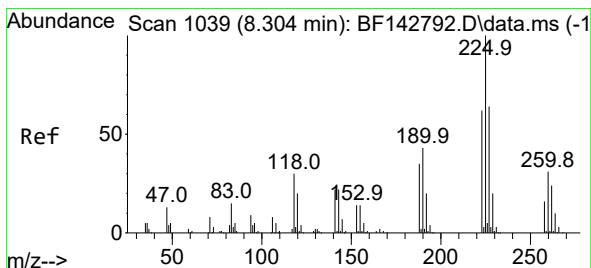
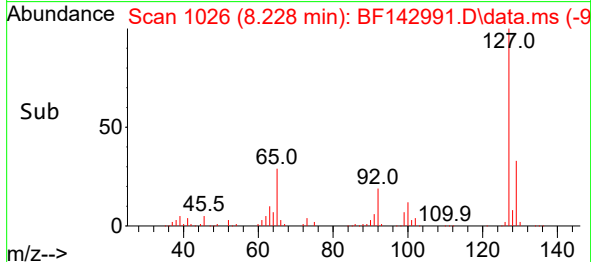
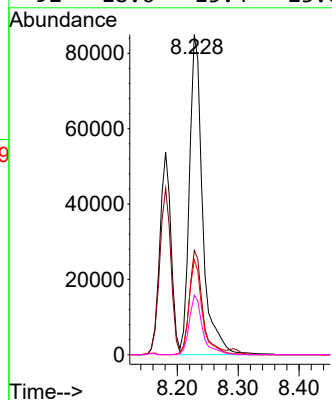
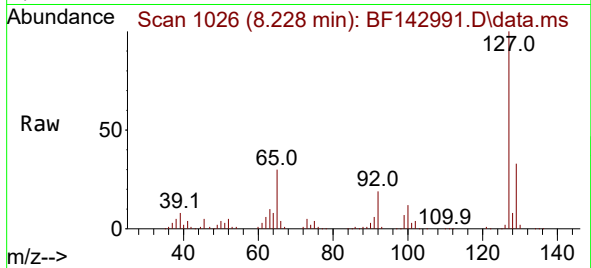




#33
4-Chloroaniline
Concen: 26.641 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

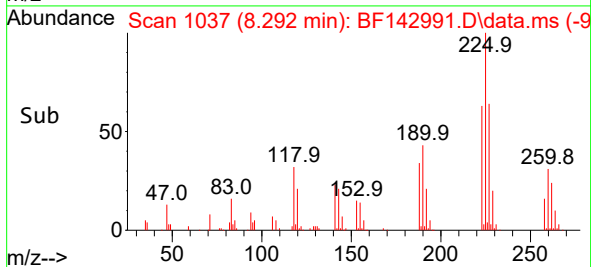
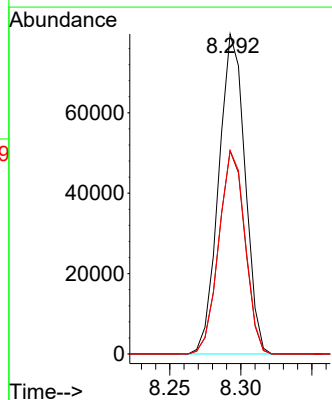
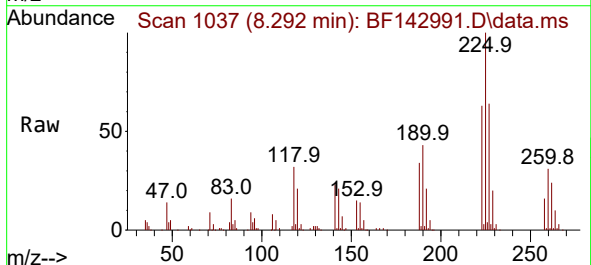
Instrument :
BNA_F
ClientSampleId :
PB168674BS

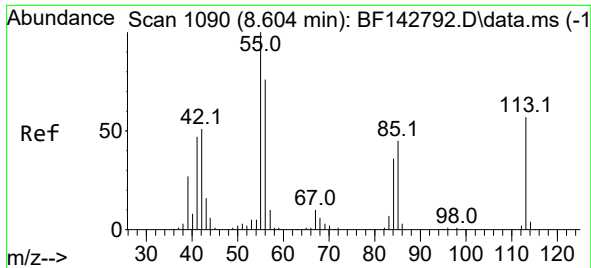
Tgt Ion:127 Resp: 128266
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9
65 29.7 24.6 36.8
92 18.6 15.4 23.0



#34
Hexachlorobutadiene
Concen: 44.619 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:225 Resp: 102492
Ion Ratio Lower Upper
225 100
223 63.4 49.9 74.9
227 63.6 51.4 77.0

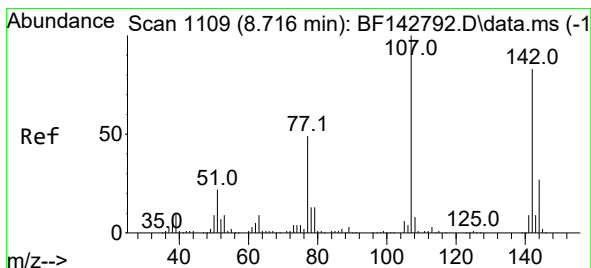
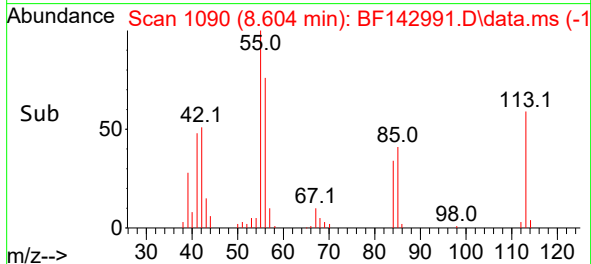
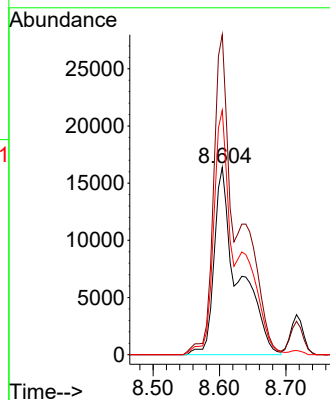
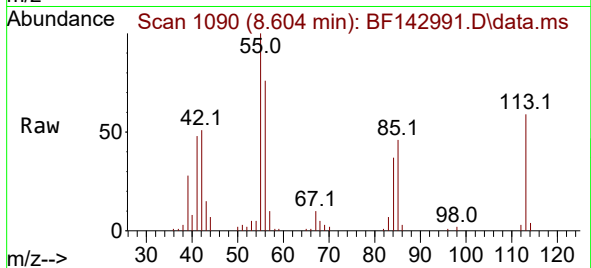




#35
 Caprolactam
 Concen: 46.048 ng m
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142991.D
 Acq: 03 Jul 2025 11:55

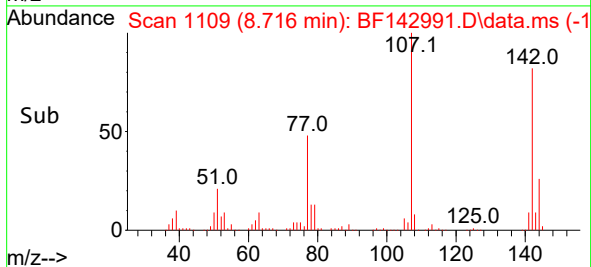
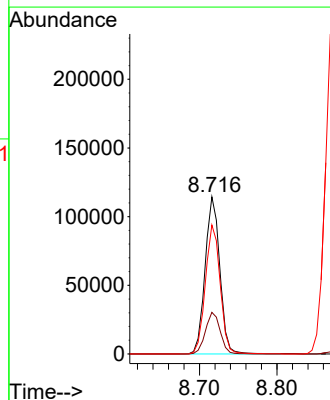
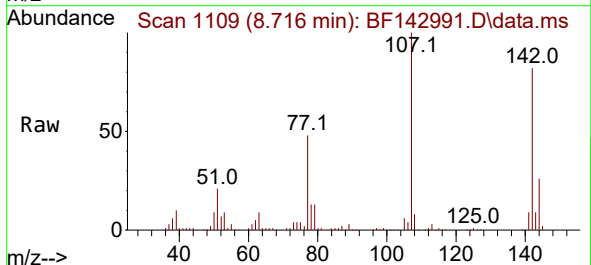
Instrument :
 BNA_F
 ClientSampleId :
 PB168674BS

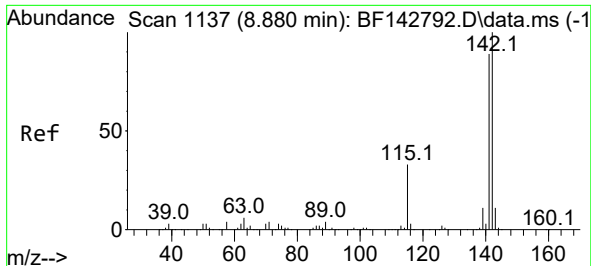
Tgt Ion:113 Resp: 41498
 Ion Ratio Lower Upper
 113 100
 55 170.9 154.4 194.4
 56 130.6 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.503 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142991.D
 Acq: 03 Jul 2025 11:55

Tgt Ion:107 Resp: 151048
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.3 31.9
 142 82.1 66.6 100.0

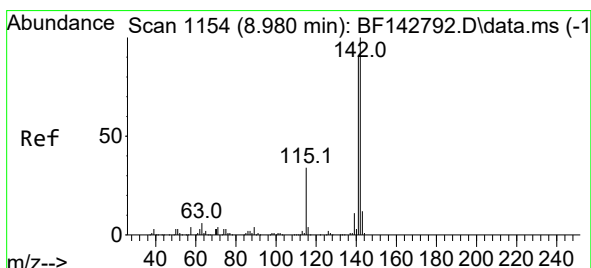
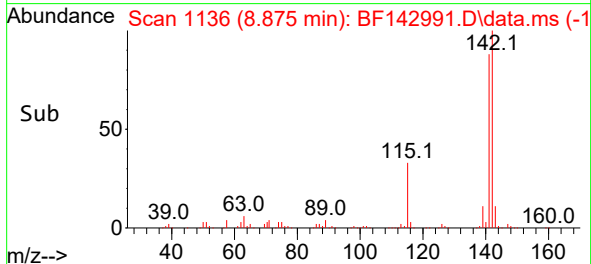
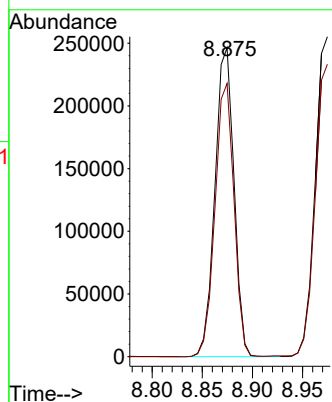
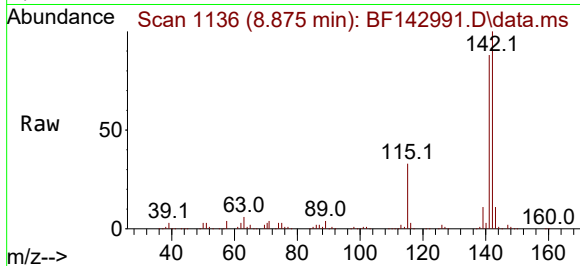




#37
2-Methylnaphthalene
Concen: 44.224 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

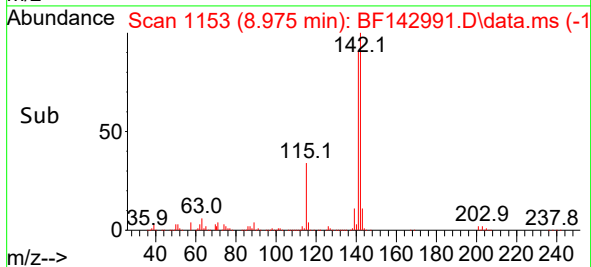
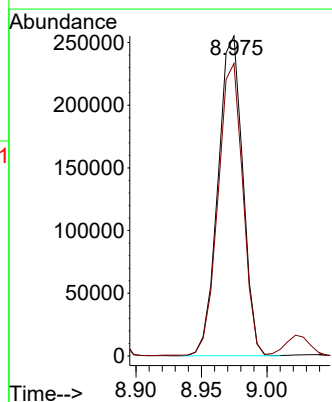
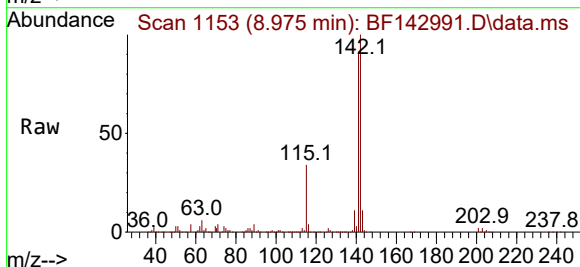
Instrument :
BNA_F
ClientSampleId :
PB168674BS

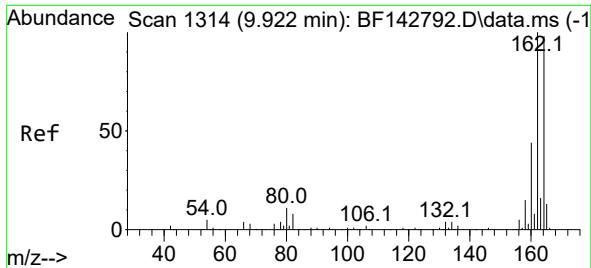
Tgt Ion:142 Resp: 324645
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#38
1-Methylnaphthalene
Concen: 44.013 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:142 Resp: 334464
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.4

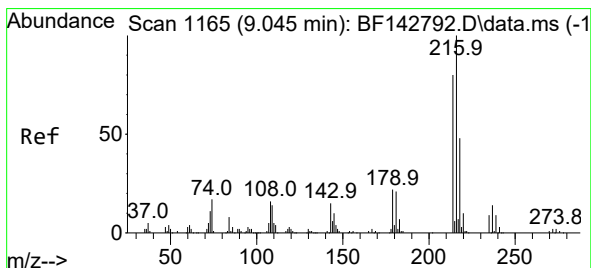
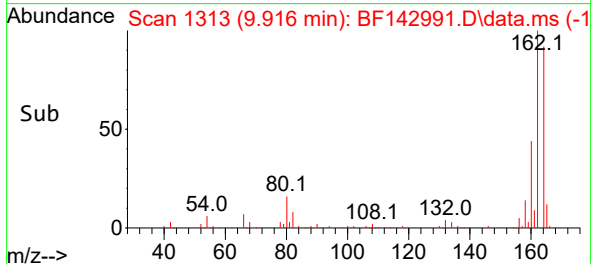
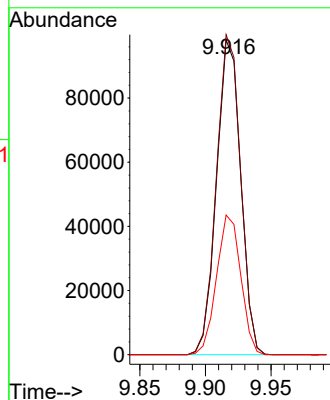
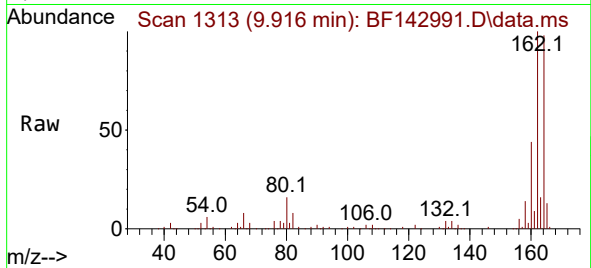




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

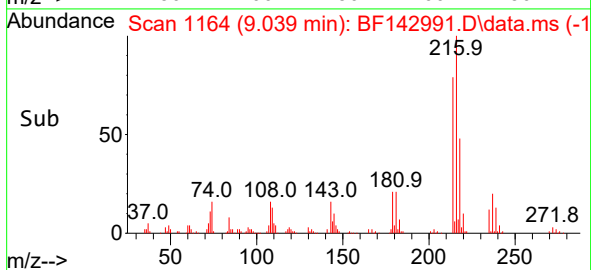
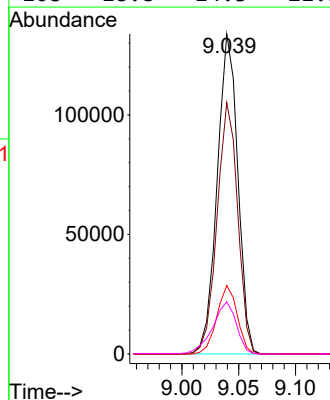
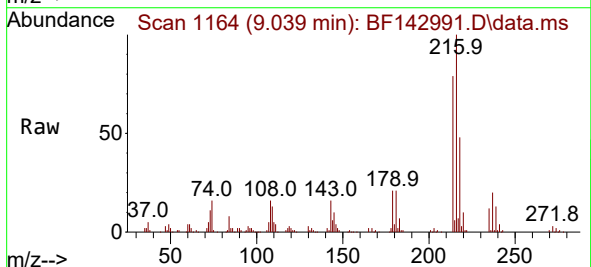
Instrument :
BNA_F
ClientSampleId :
PB168674BS

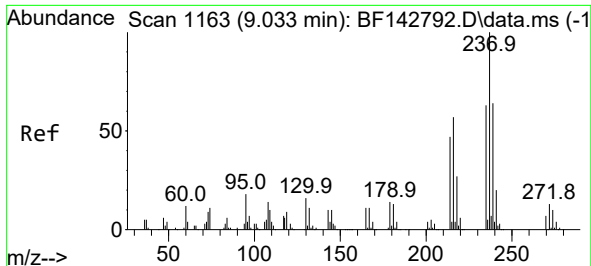
Tgt Ion:164 Resp: 125461
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.8
160 44.4 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.688 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

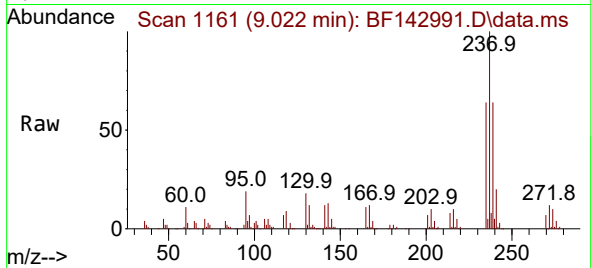
Tgt Ion:216 Resp: 169134
Ion Ratio Lower Upper
216 100
214 78.4 63.7 95.5
179 21.1 17.6 26.4
108 18.8 14.3 21.5



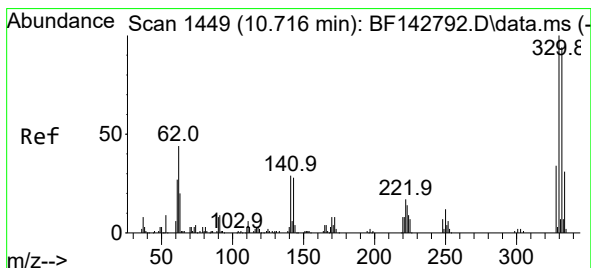
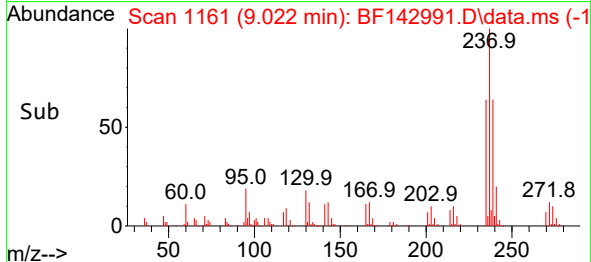
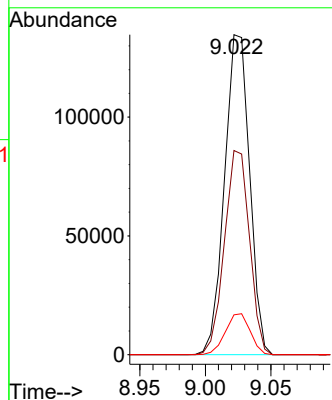


#41
Hexachlorocyclopentadiene
Concen: 85.198 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Instrument :
BNA_F
ClientSampleId :
PB168674BS

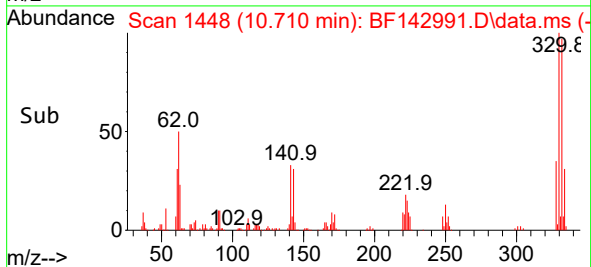
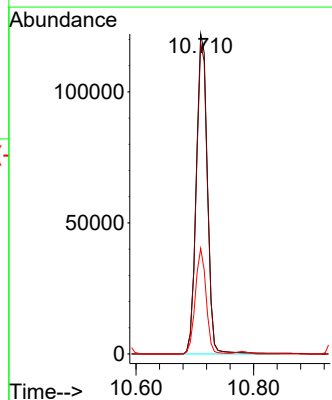
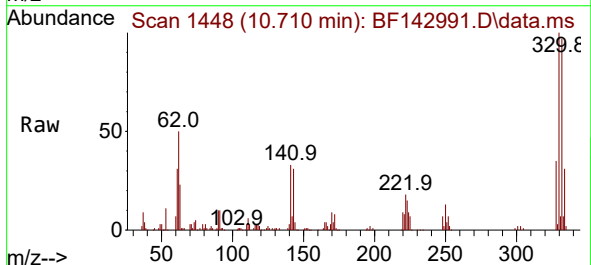


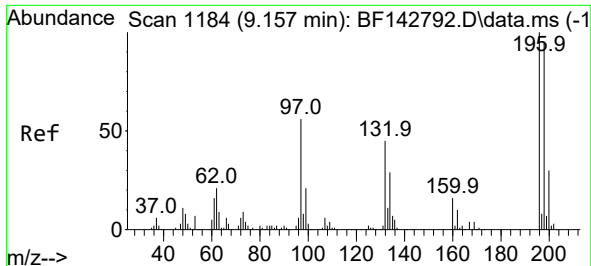
Tgt Ion:237 Resp: 178983
Ion Ratio Lower Upper
237 100
235 63.8 43.4 83.4
272 12.4 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 124.593 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:330 Resp: 160859
Ion Ratio Lower Upper
330 100
332 97.0 75.0 112.6
141 31.9 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 43.508 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS

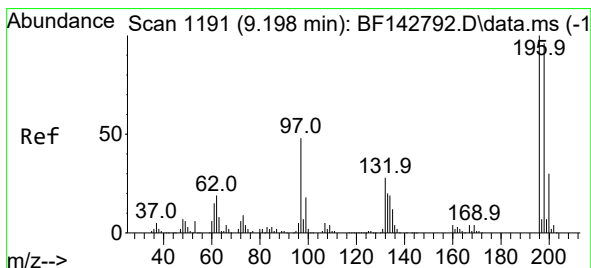
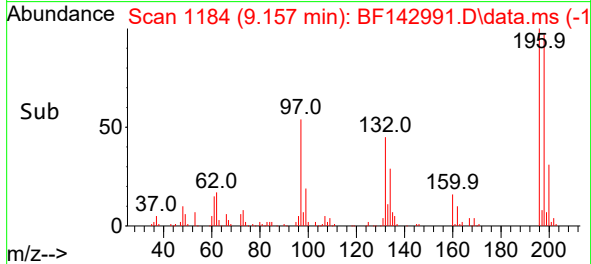
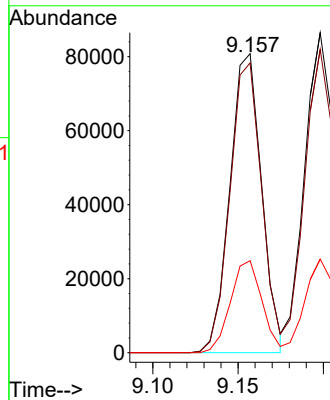
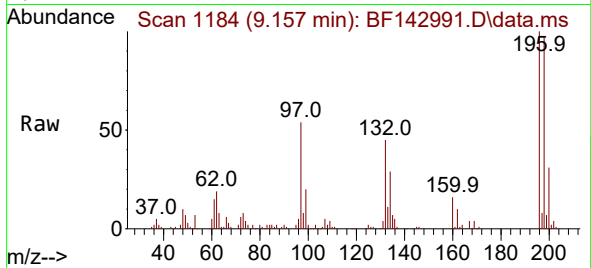
Tgt Ion:196 Resp: 104953

Ion Ratio Lower Upper

196 100

198 96.9 76.2 114.2

200 30.8 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 44.795 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Tgt Ion:196 Resp: 113751

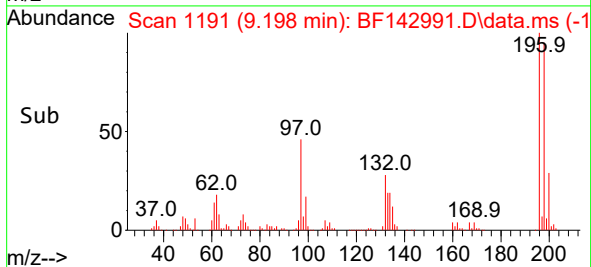
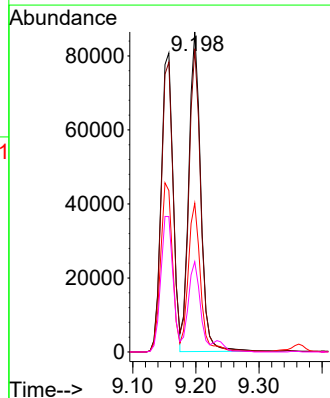
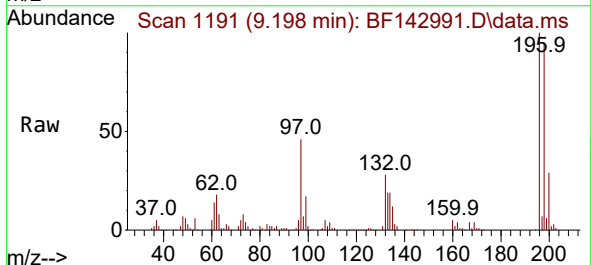
Ion Ratio Lower Upper

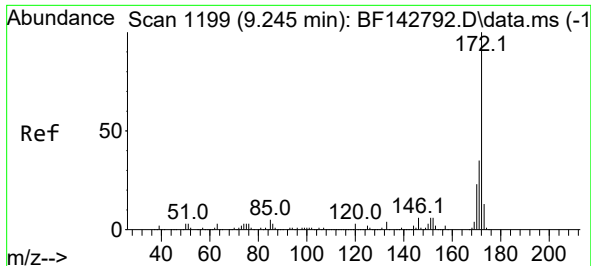
196 100

198 94.7 76.6 115.0

97 46.4 38.2 57.2

132 28.2 23.4 35.0

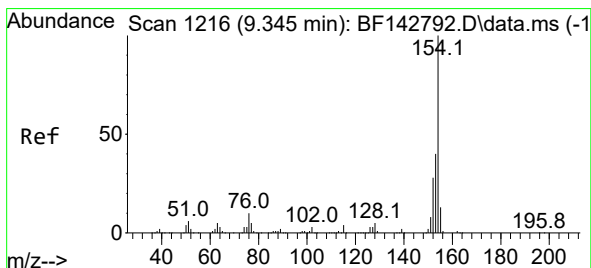
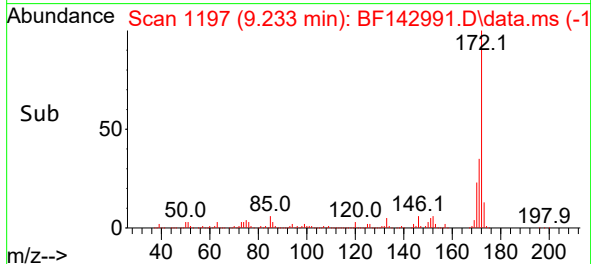
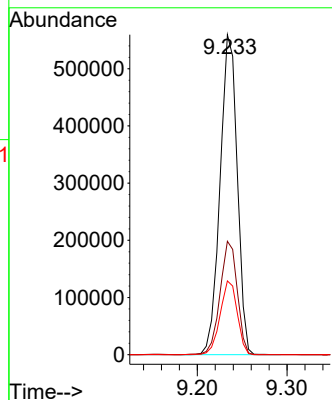
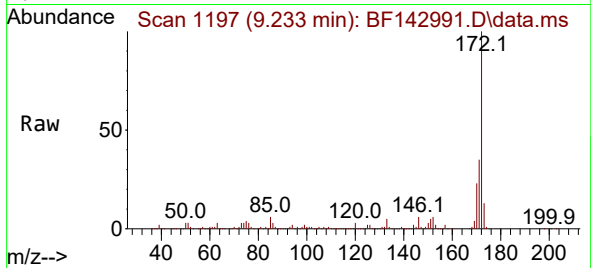




#45
2-Fluorobiphenyl
Concen: 77.964 ng
RT: 9.233 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

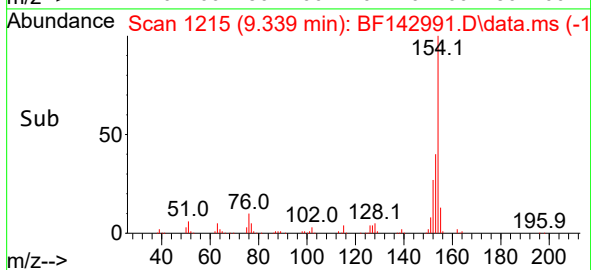
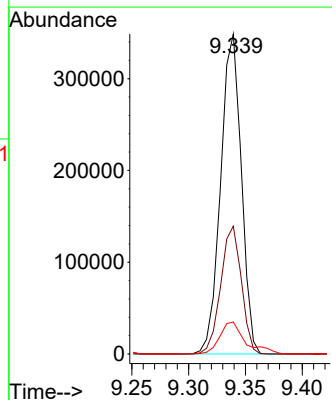
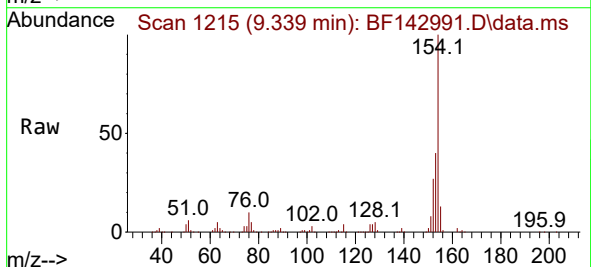
Instrument :
BNA_F
ClientSampleId :
PB168674BS

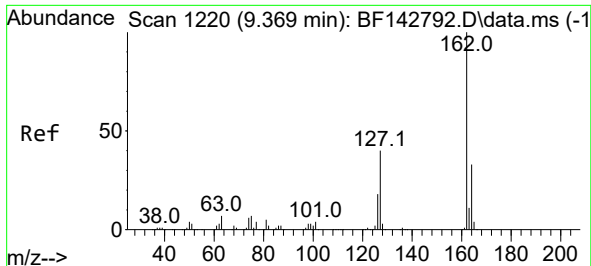
Tgt Ion:172 Resp: 744584
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.0 18.5 27.7



#46
1,1'-Biphenyl
Concen: 44.531 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:154 Resp: 441338
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 10.0 0.0 30.3

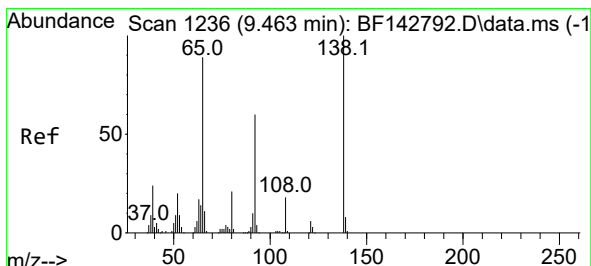
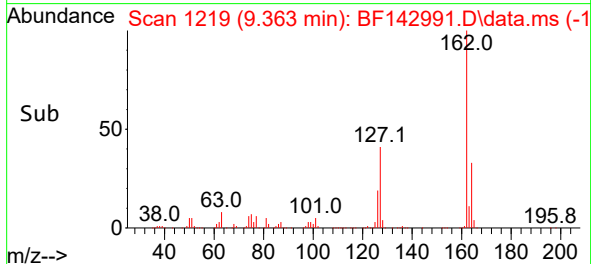
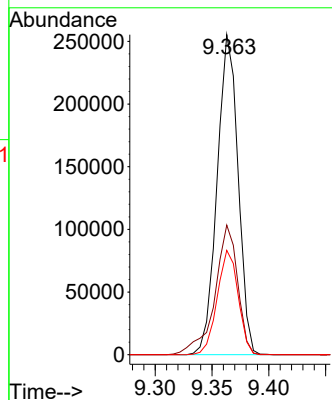
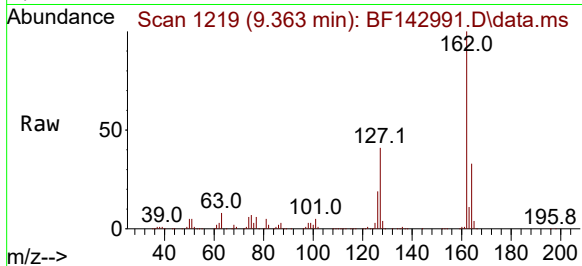




#47
2-Chloronaphthalene
Concen: 44.089 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

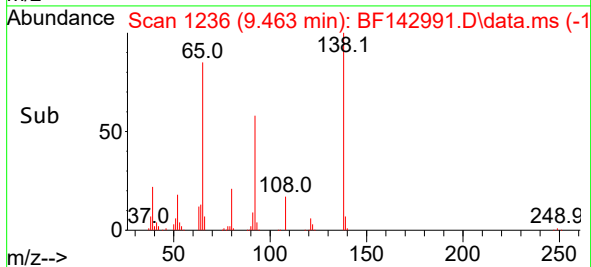
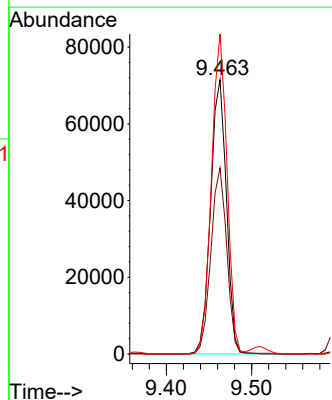
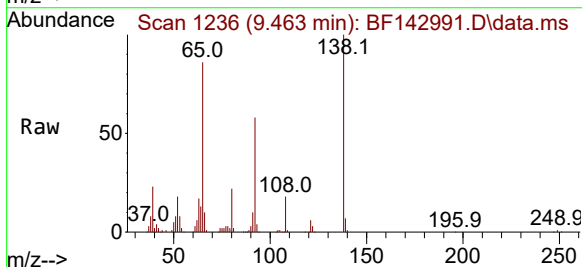
Instrument :
BNA_F
ClientSampleId :
PB168674BS

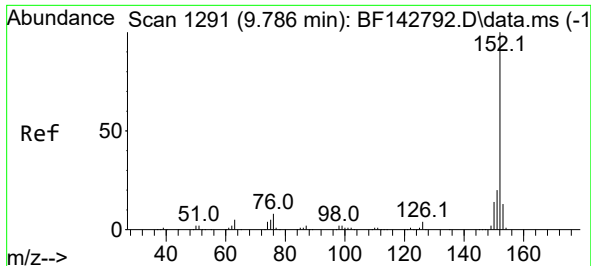
Tgt Ion:162 Resp: 327905
Ion Ratio Lower Upper
162 100
127 40.5 32.2 48.2
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 44.298 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion: 65 Resp: 92365
Ion Ratio Lower Upper
65 100
92 67.9 53.8 80.6
138 116.7 89.6 134.4

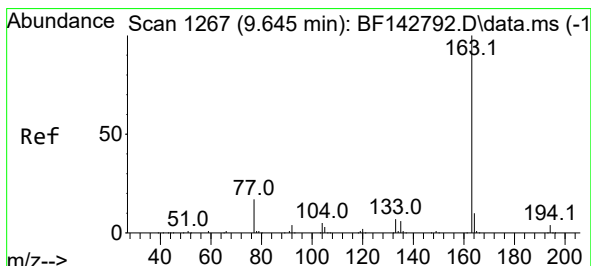
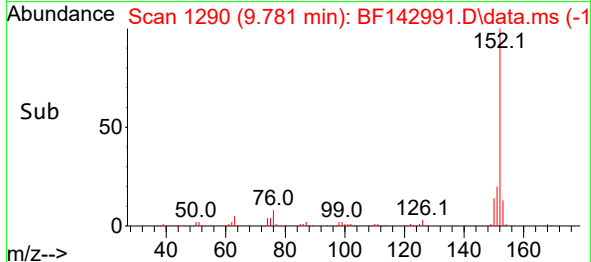
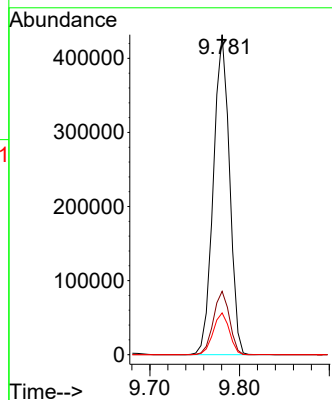
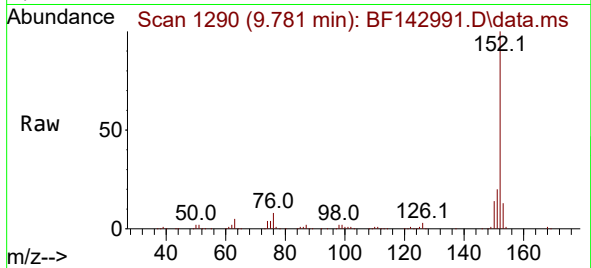




#49
Acenaphthylene
Concen: 44.081 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

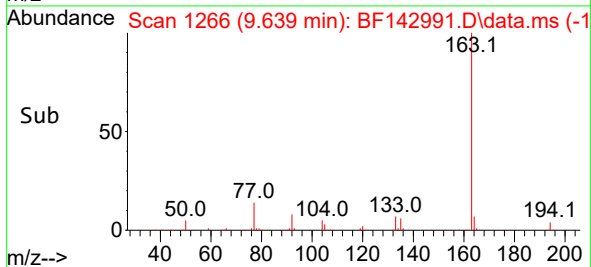
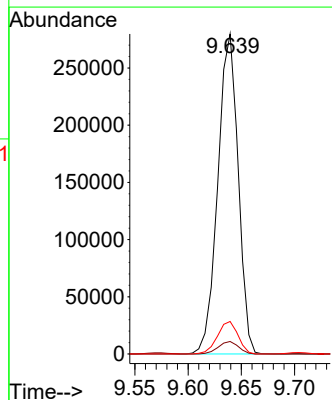
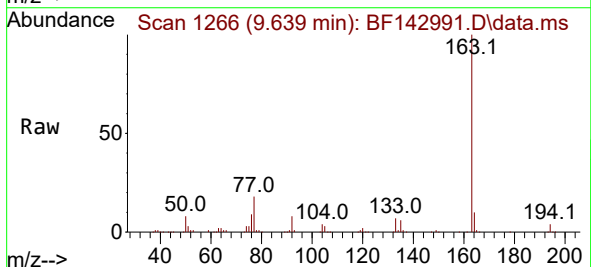
Instrument :
BNA_F
ClientSampleId :
PB168674BS

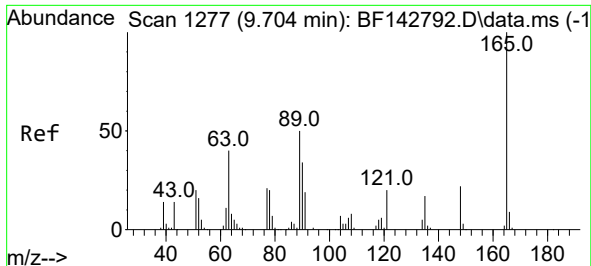
Tgt Ion:152 Resp: 539706
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 45.716 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:163 Resp: 371267
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.0 12.0

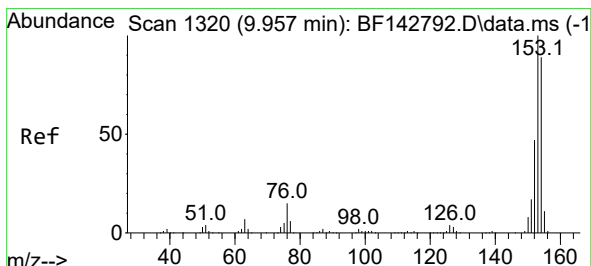
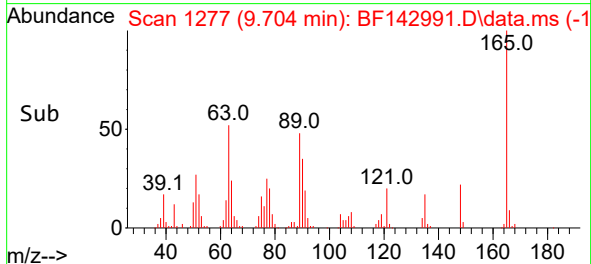
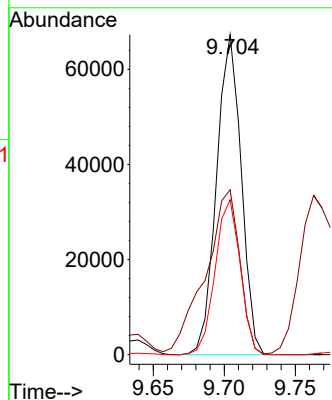
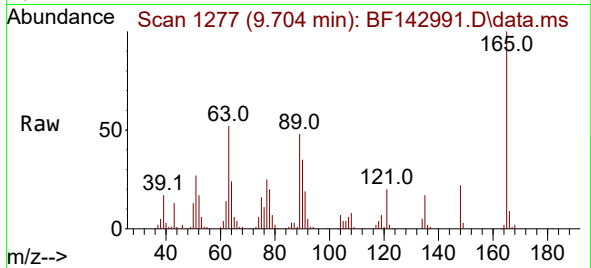




#51
2,6-Dinitrotoluene
Concen: 45.538 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

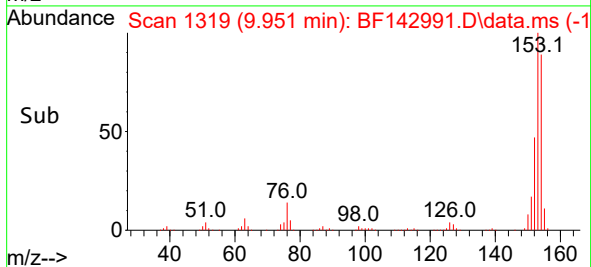
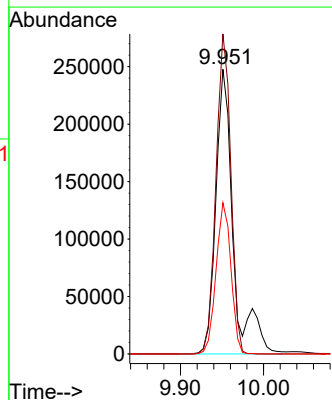
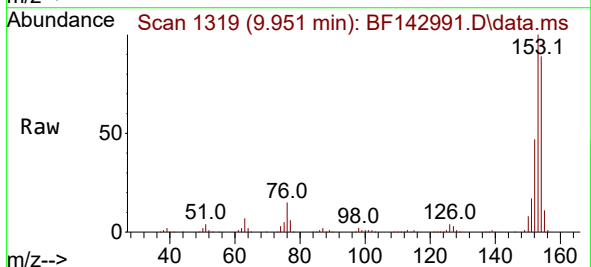
Instrument :
BNA_F
ClientSampleId :
PB168674BS

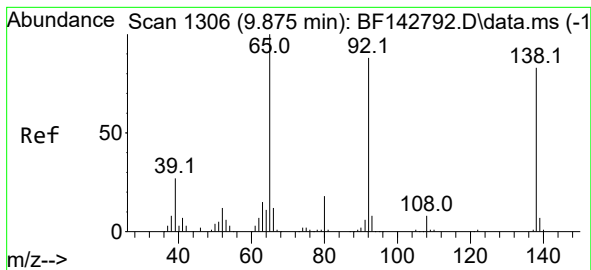
Tgt Ion:165 Resp: 81216
Ion Ratio Lower Upper
165 100
63 51.6 44.2 66.4
89 48.4 39.8 59.8



#52
Acenaphthene
Concen: 48.375 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:154 Resp: 361360
Ion Ratio Lower Upper
154 100
153 112.4 90.0 135.0
152 53.1 41.9 62.9

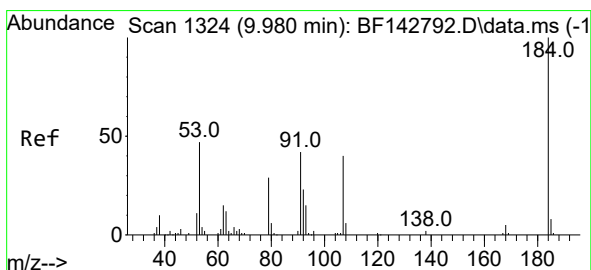
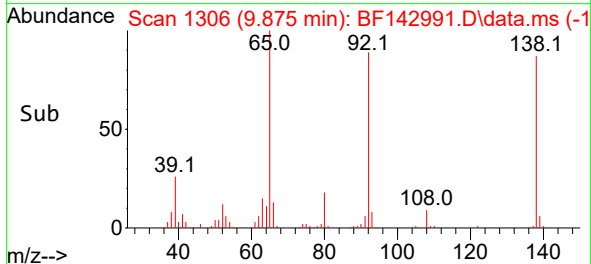
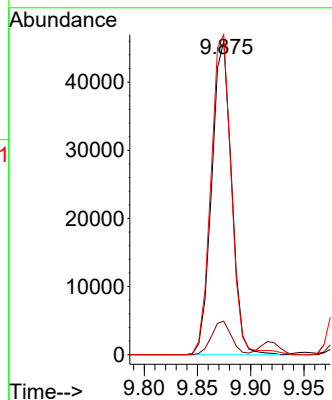
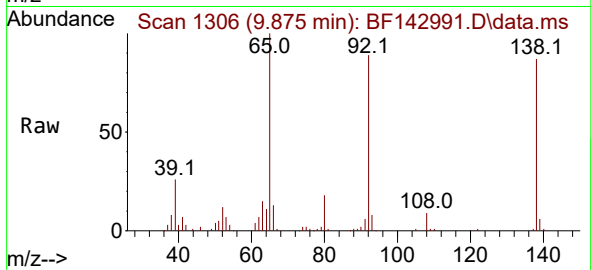




#53
3-Nitroaniline
Concen: 30.355 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

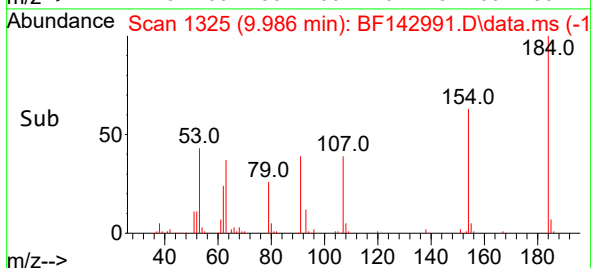
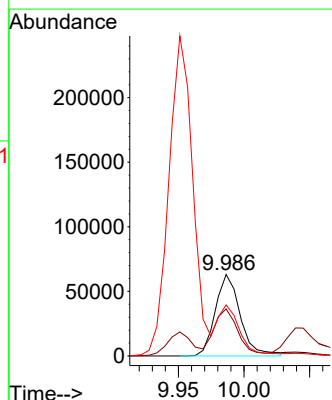
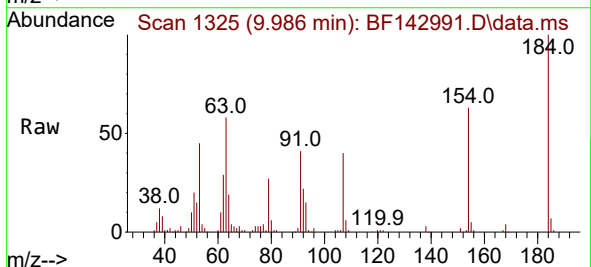
Instrument :
BNA_F
ClientSampleId :
PB168674BS

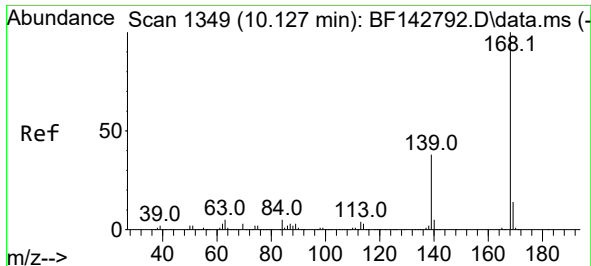
Tgt Ion:138 Resp: 59605
Ion Ratio Lower Upper
138 100
108 10.7 8.1 12.1
92 102.2 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 93.393 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:184 Resp: 83402
Ion Ratio Lower Upper
184 100
63 57.9 50.6 75.8
154 62.7 51.8 77.8

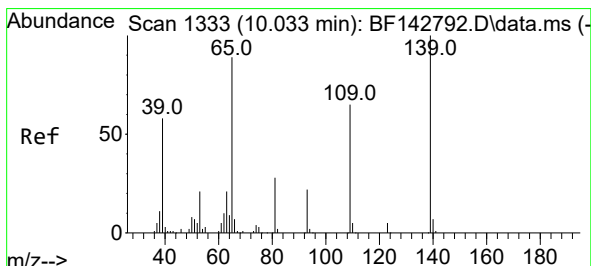
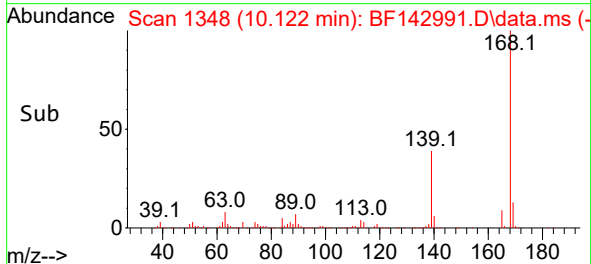
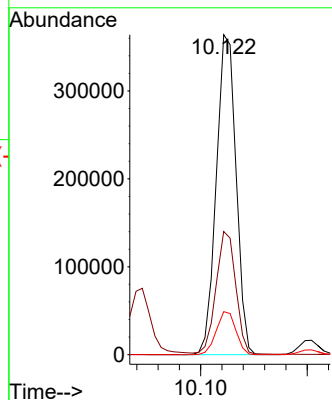
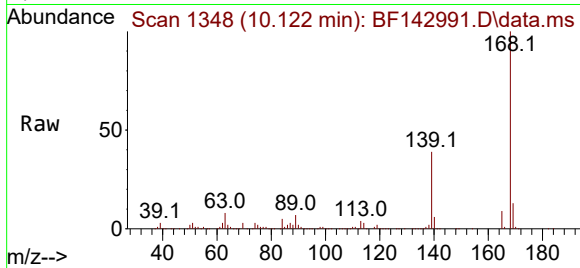




#55
Dibenzenofuran
Concen: 43.757 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

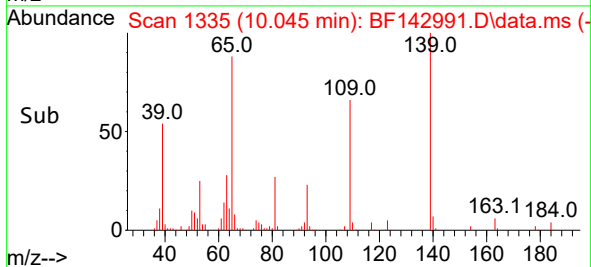
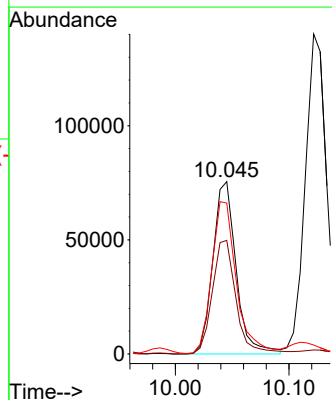
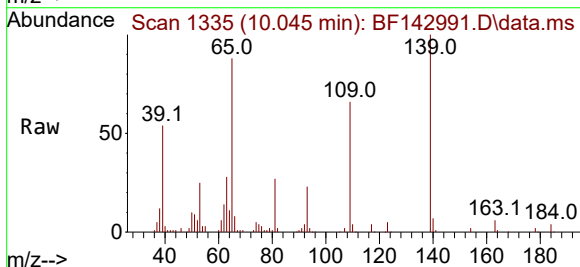
Instrument :
BNA_F
ClientSampleId :
PB168674BS

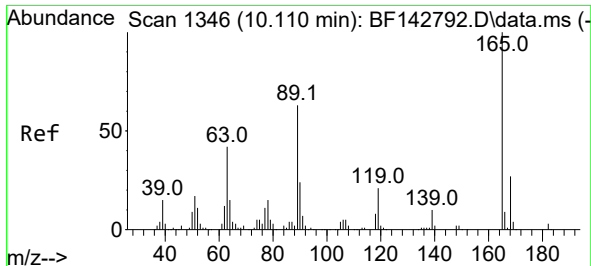
Tgt Ion:168 Resp: 468717
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 80.024 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:139 Resp: 107577
Ion Ratio Lower Upper
139 100
109 65.9 44.7 84.7
65 87.6 69.8 109.8

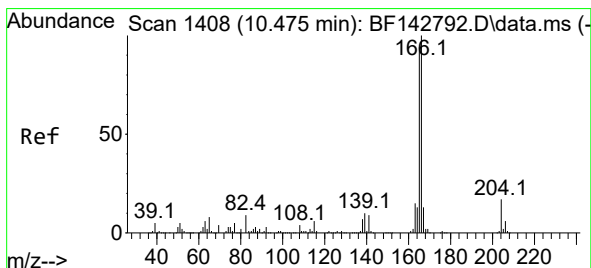
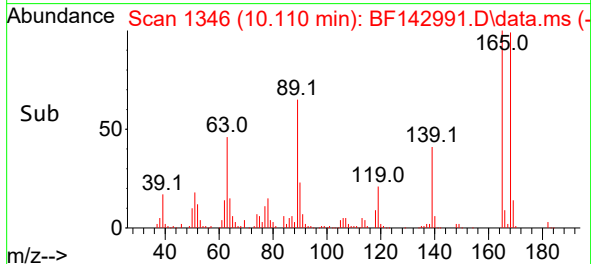
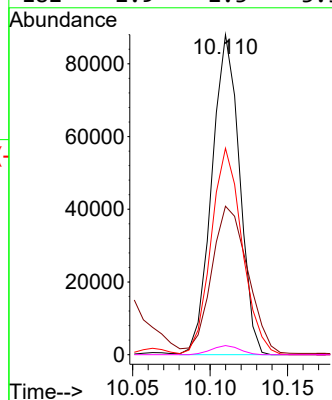
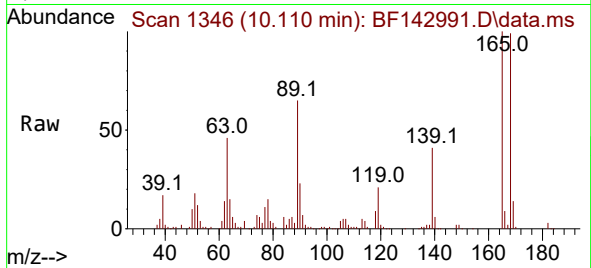




#57
2,4-Dinitrotoluene
Concen: 46.088 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

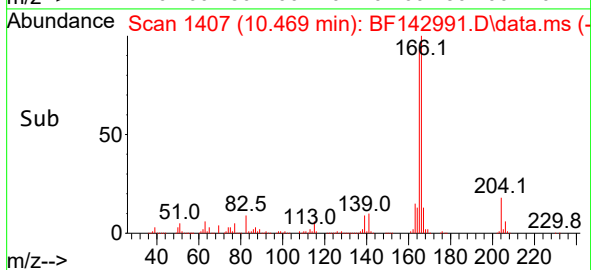
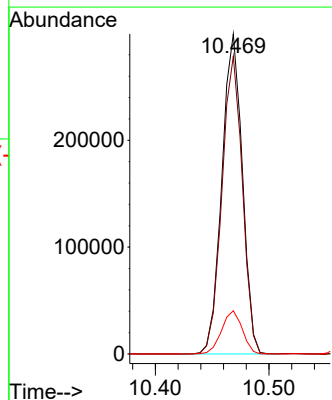
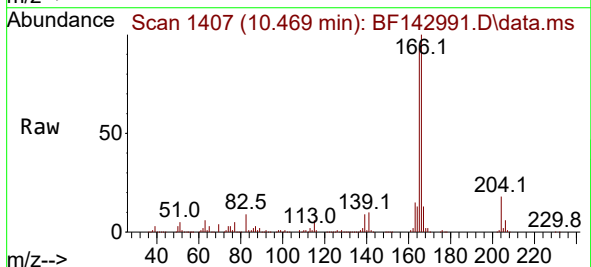
Instrument :
BNA_F
ClientSampleId :
PB168674BS

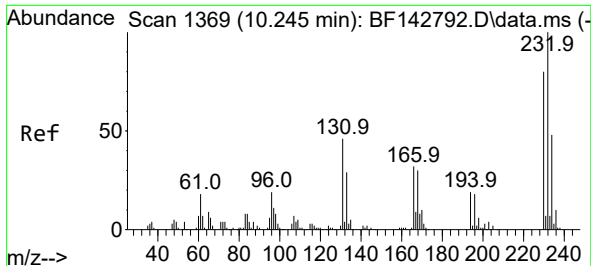
Tgt Ion:165 Resp: 109182
Ion Ratio Lower Upper
165 100
63 46.4 33.9 50.9
89 64.5 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 44.791 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:166 Resp: 374712
Ion Ratio Lower Upper
166 100
165 93.0 75.2 112.8
167 13.5 10.6 15.8

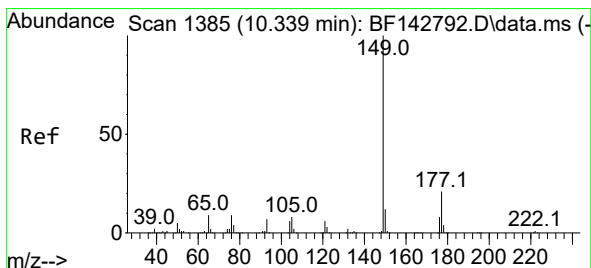
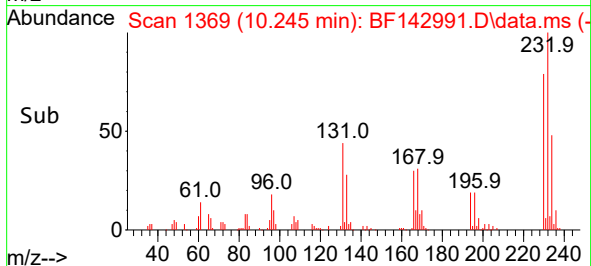
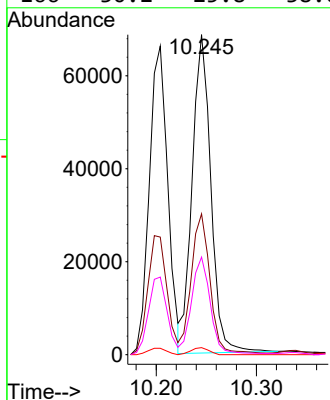
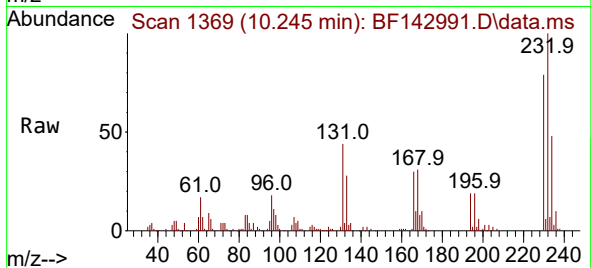




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.272 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

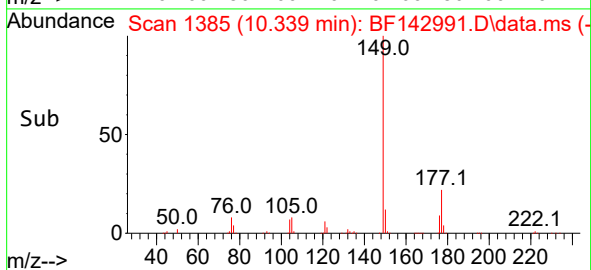
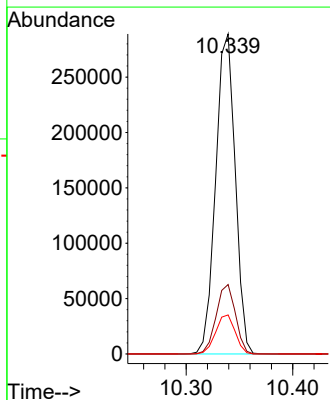
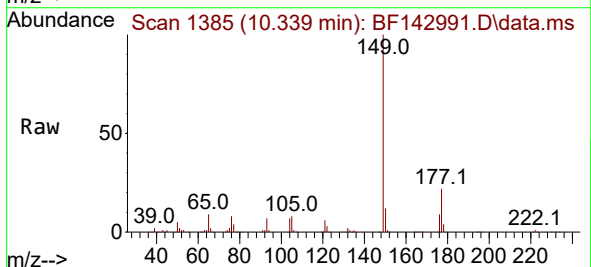
Instrument :
BNA_F
ClientSampleId :
PB168674BS

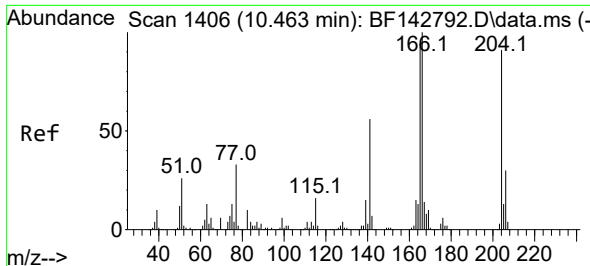
Tgt Ion:232 Resp: 88572
Ion Ratio Lower Upper
232 100
131 44.8 37.6 56.4
130 2.1 1.7 2.5
166 30.2 25.8 38.6



#60
Diethylphthalate
Concen: 46.126 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:149 Resp: 367284
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.6
150 12.2 9.8 14.6

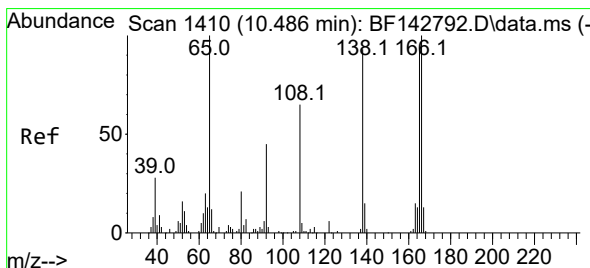
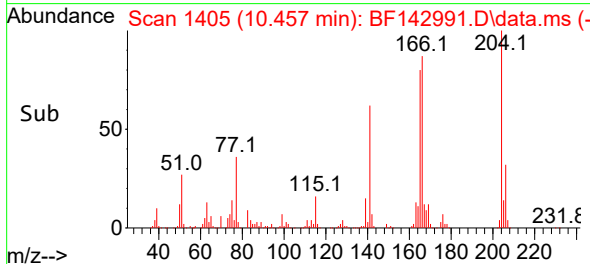
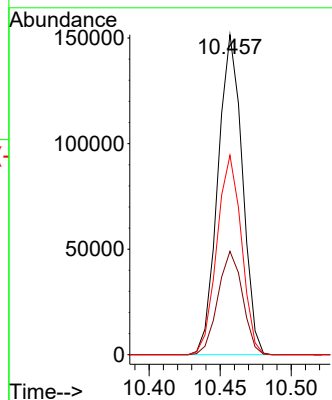
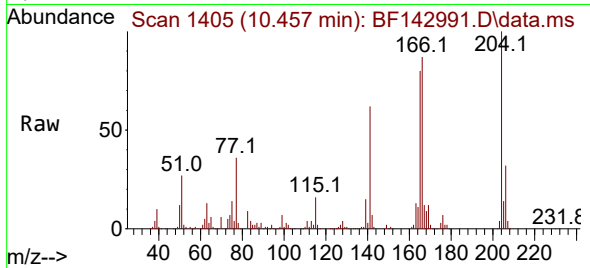




#61
4-Chlorophenyl-phenylether
Concen: 45.431 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

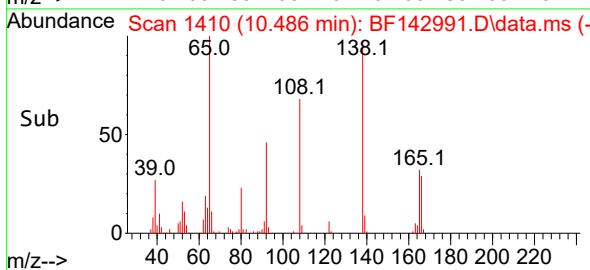
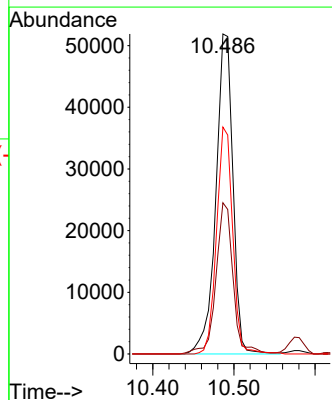
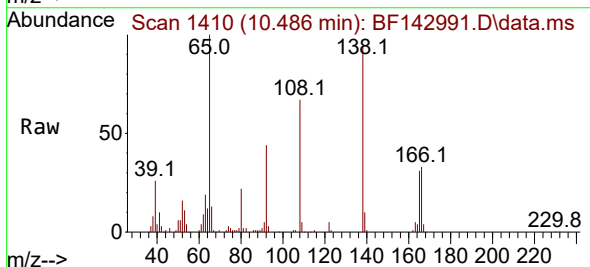
Instrument :
BNA_F
ClientSampleId :
PB168674BS

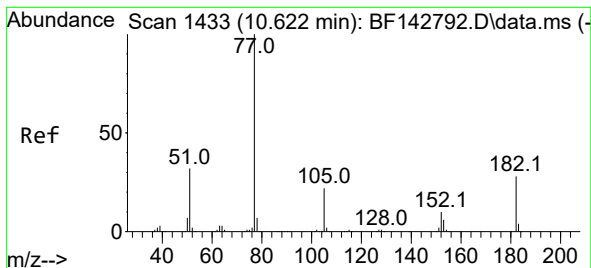
Tgt Ion:204 Resp: 181362
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 62.3 49.1 73.7



#62
4-Nitroaniline
Concen: 42.321 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:138 Resp: 76004
Ion Ratio Lower Upper
138 100
92 47.3 28.4 68.4
108 70.9 50.2 90.2





#63

Azobenzene

Concen: 43.768 ng

RT: 10.616 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS

Tgt Ion: 77 Resp: 311484

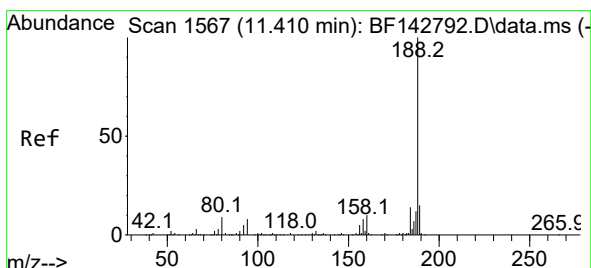
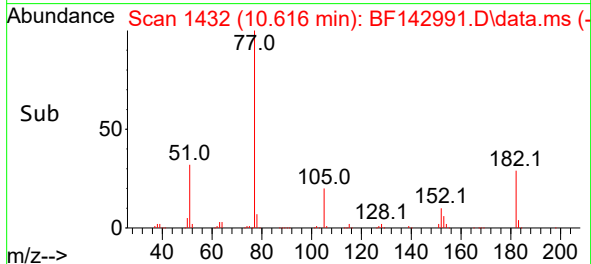
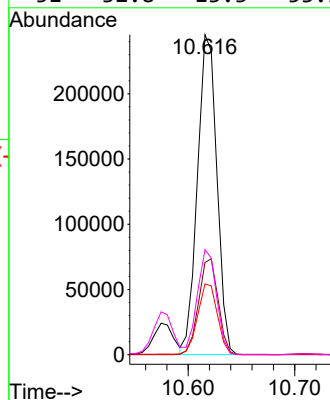
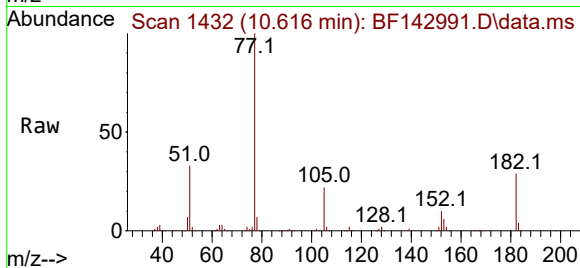
Ion Ratio Lower Upper

77 100

182 28.8 7.7 47.7

105 22.1 1.9 41.9

51 32.8 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

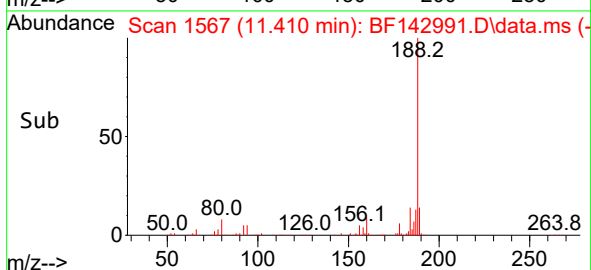
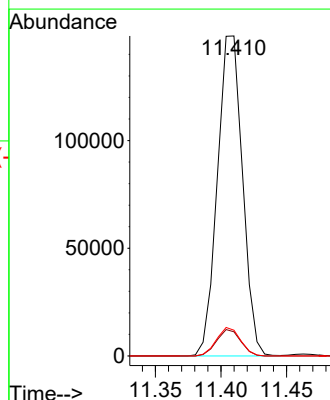
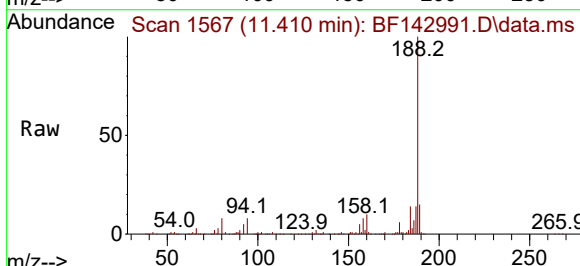
Tgt Ion: 188 Resp: 198063

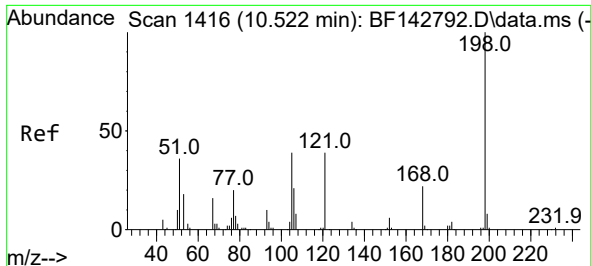
Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

80 8.1 6.9 10.3

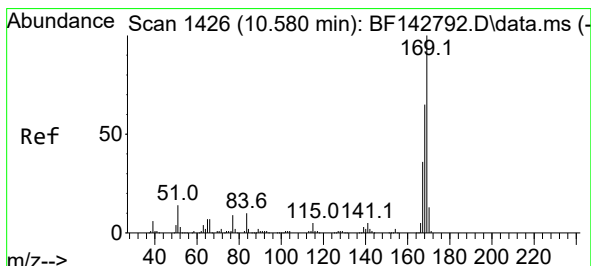
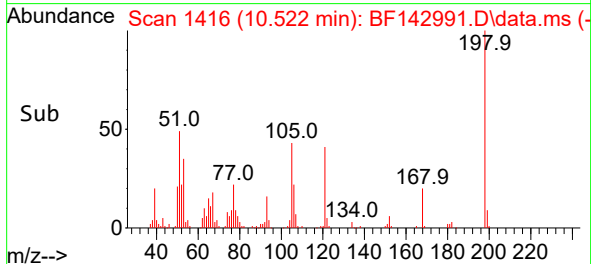
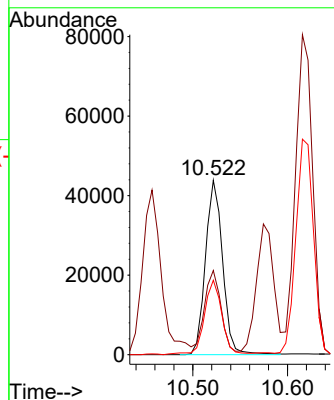
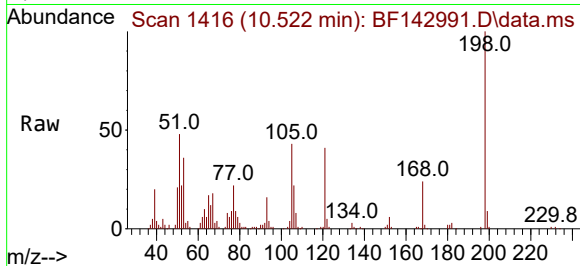




#65
4,6-Dinitro-2-methylphenol
Concen: 46.175 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

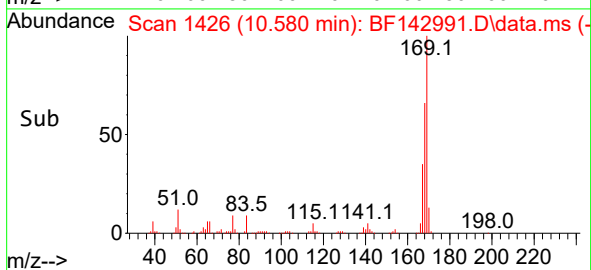
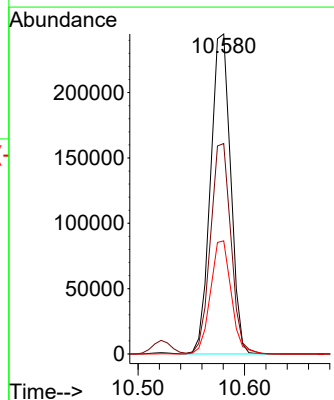
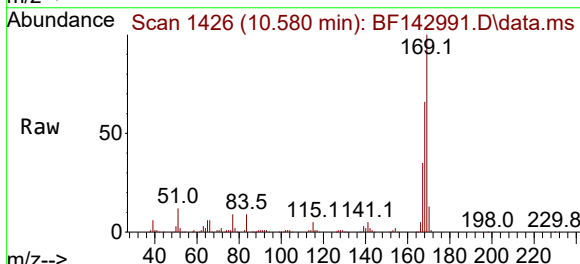
Instrument :
BNA_F
ClientSampleId :
PB168674BS

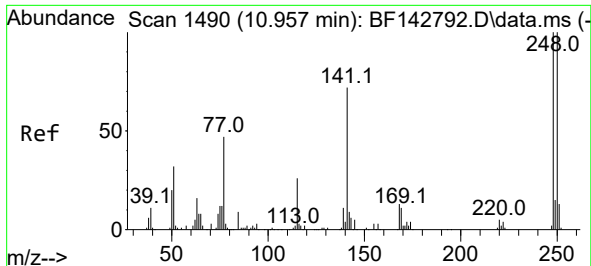
Tgt Ion:198 Resp: 55318
Ion Ratio Lower Upper
198 100
51 48.3 25.4 65.4
105 42.7 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 46.632 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:169 Resp: 320102
Ion Ratio Lower Upper
169 100
168 65.7 51.9 77.9
167 35.3 28.5 42.7

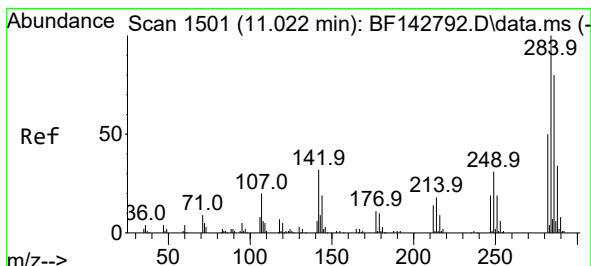
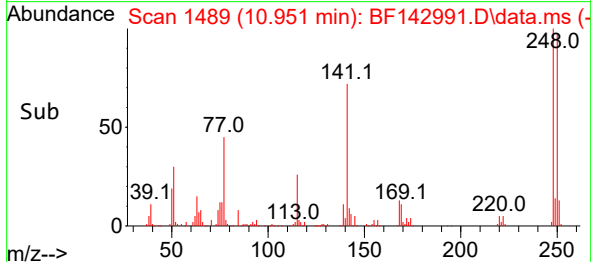
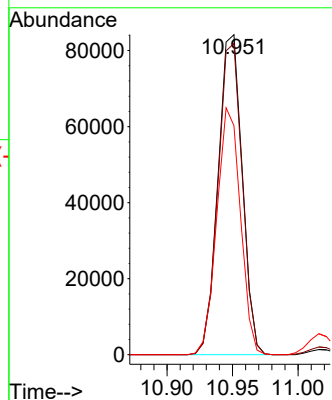
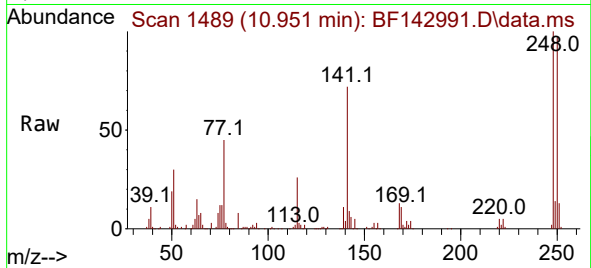




#67
4-Bromophenyl-phenylether
Concen: 47.923 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

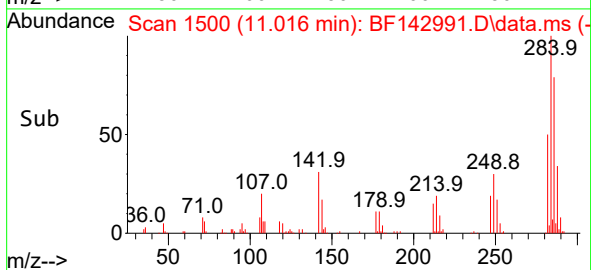
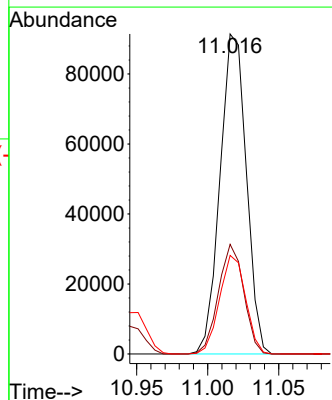
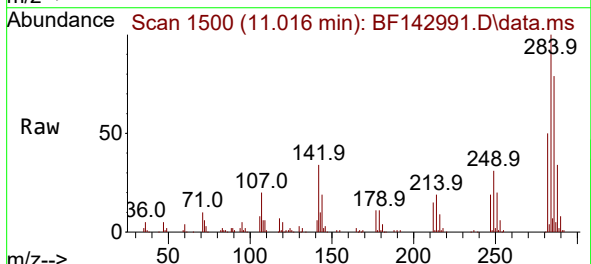
Instrument :
BNA_F
ClientSampleId :
PB168674BS

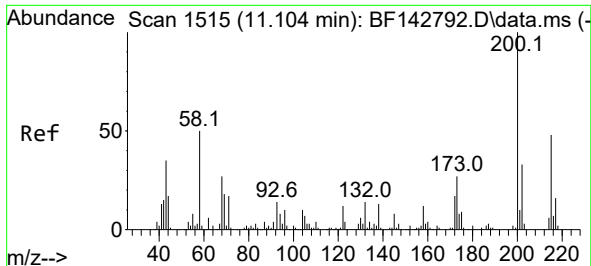
Tgt Ion:248 Resp: 108026
Ion Ratio Lower Upper
248 100
250 97.3 79.8 119.8
141 71.6 57.8 86.6



#68
Hexachlorobenzene
Concen: 47.024 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:284 Resp: 117783
Ion Ratio Lower Upper
284 100
142 34.3 25.5 38.3
249 30.8 24.9 37.3

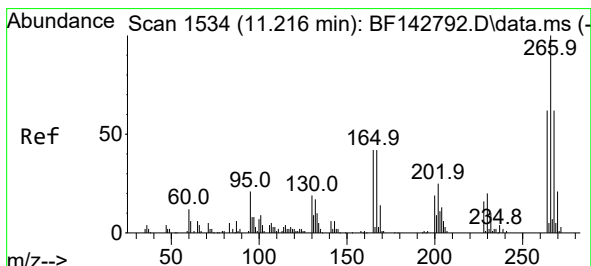
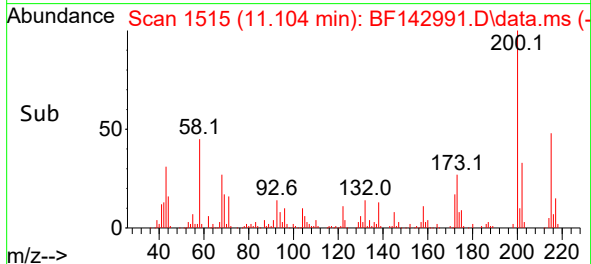
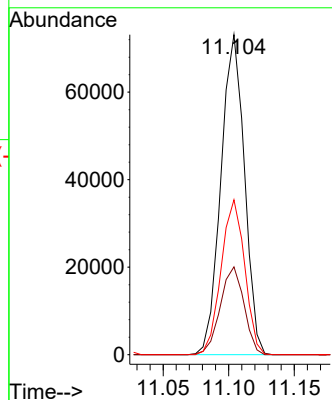
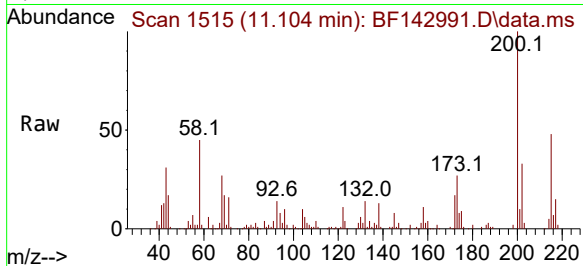




#69
 Atrazine
 Concen: 51.472 ng
 RT: 11.104 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF142991.D
 Acq: 03 Jul 2025 11:55

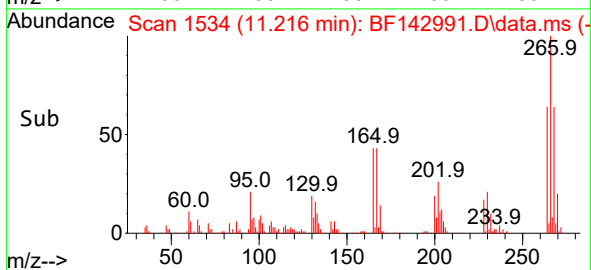
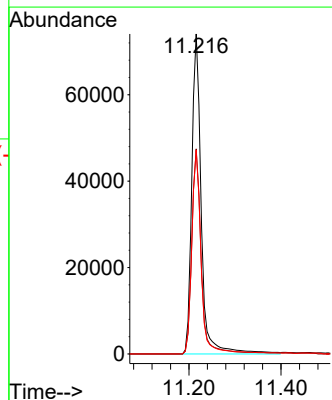
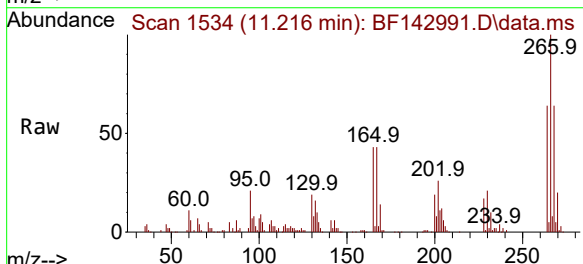
Instrument :
 BNA_F
 ClientSampleId :
 PB168674BS

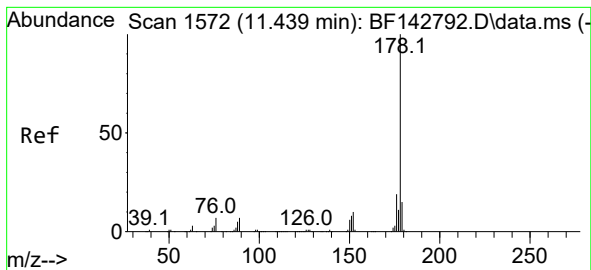
Tgt Ion:200 Resp: 91240
 Ion Ratio Lower Upper
 200 100
 173 27.4 7.4 47.4
 215 48.4 28.4 68.4



#70
 Pentachlorophenol
 Concen: 85.045 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. 0.000 min
 Lab File: BF142991.D
 Acq: 03 Jul 2025 11:55

Tgt Ion:266 Resp: 106145
 Ion Ratio Lower Upper
 266 100
 268 64.1 49.8 74.8
 264 63.7 49.9 74.9





#71

Phenanthrene

Concen: 45.908 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS

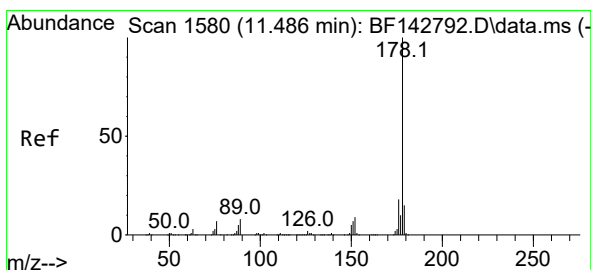
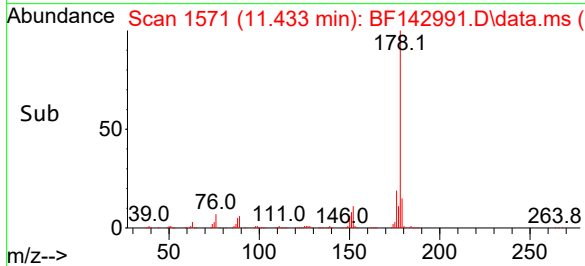
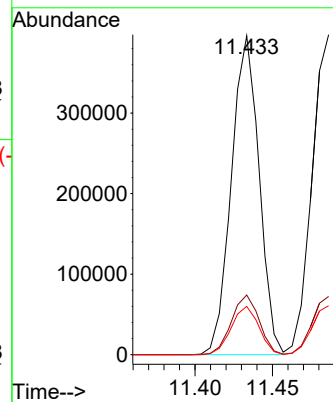
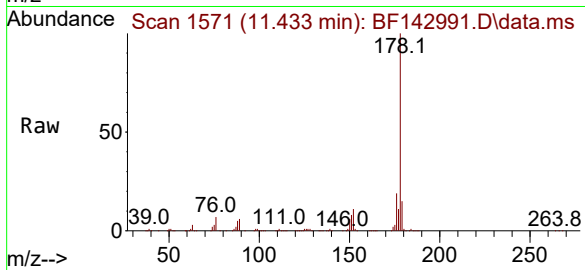
Tgt Ion:178 Resp: 492551

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.2 12.0 18.0



#72

Anthracene

Concen: 45.483 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

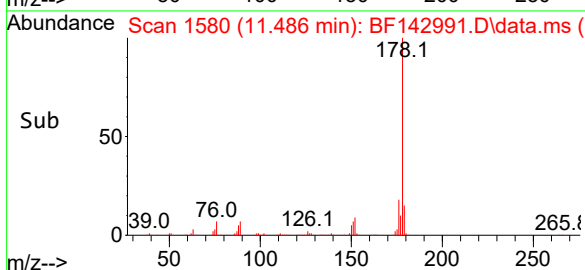
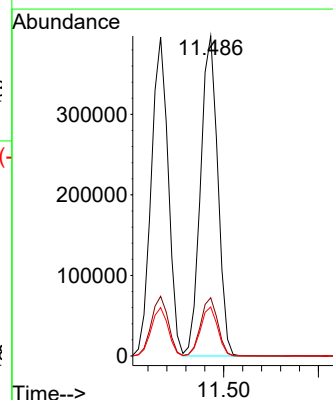
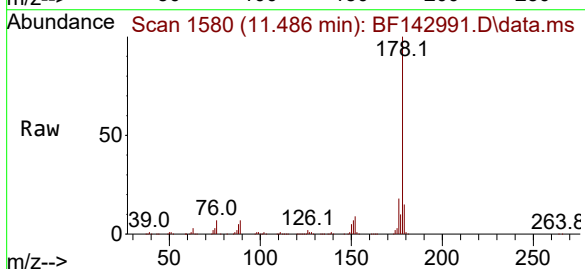
Tgt Ion:178 Resp: 500479

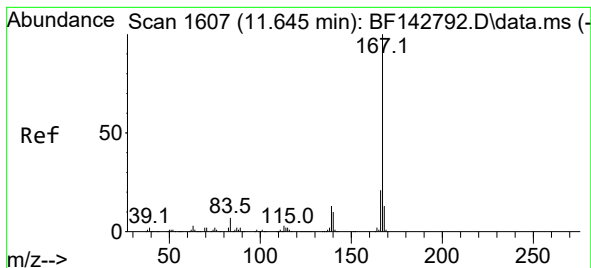
Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

179 15.3 12.4 18.6





#73

Carbazole

Concen: 44.555 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS

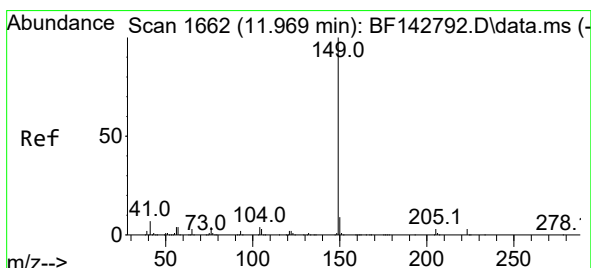
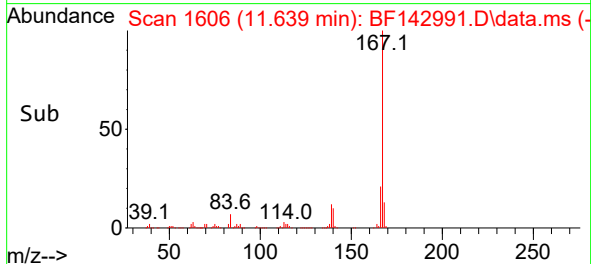
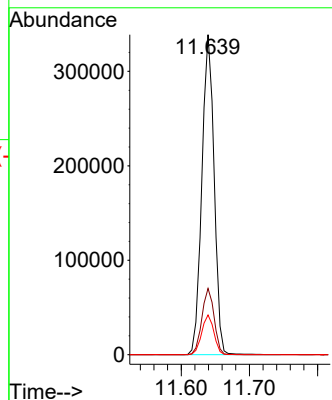
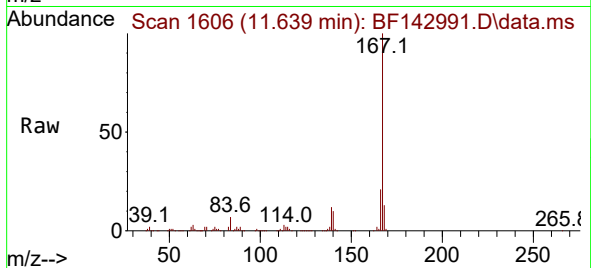
Tgt Ion:167 Resp: 423084

Ion Ratio Lower Upper

167 100

166 20.7 17.0 25.4

139 12.4 10.2 15.2



#74

Di-n-butylphthalate

Concen: 50.335 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

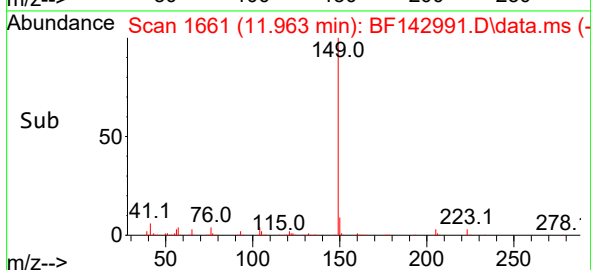
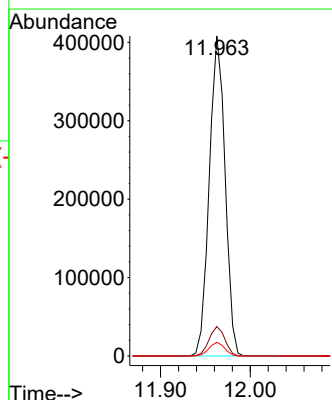
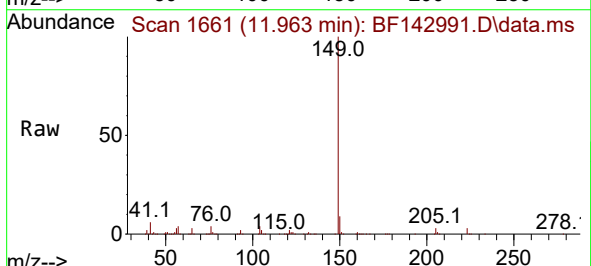
Tgt Ion:149 Resp: 497923

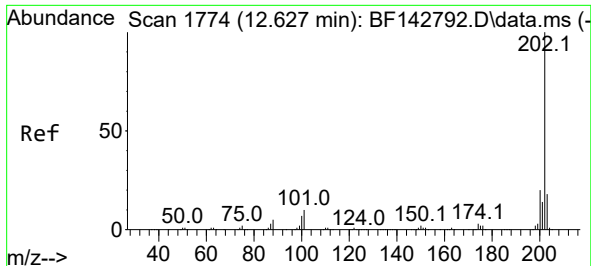
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.3 3.5 5.3



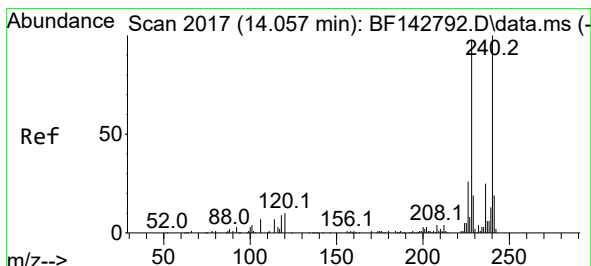
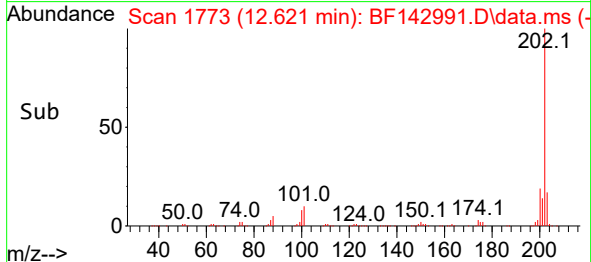
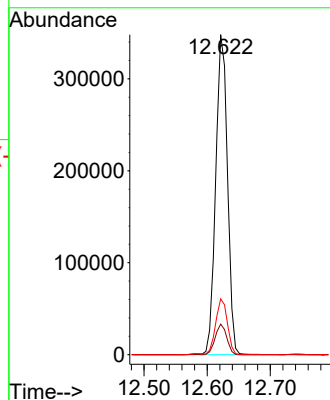
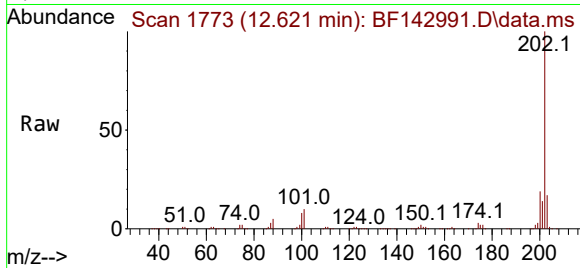


#75
Fluoranthene
Concen: 44.157 ng
RT: 12.621 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Instrument : BNA_F
ClientSampleId : PB168674BS

Tgt Ion:202 Resp: 449628

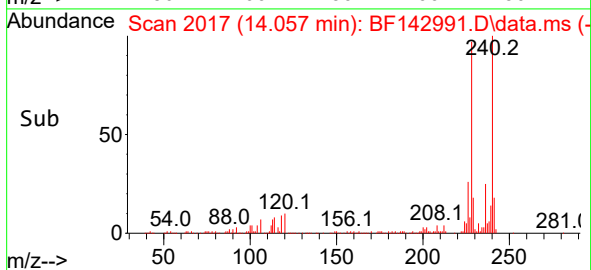
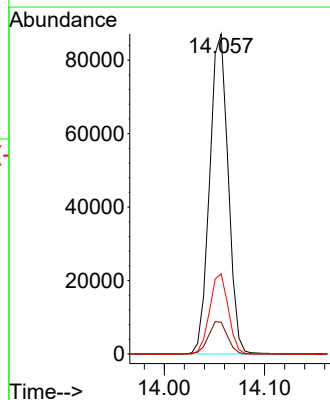
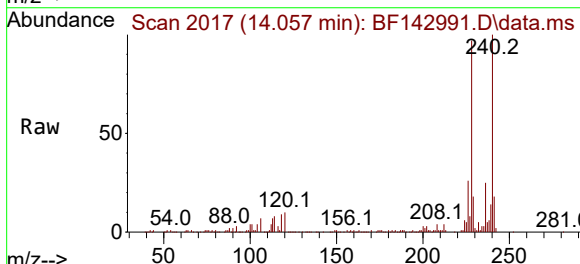
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.7
203	17.5	0.0	37.5

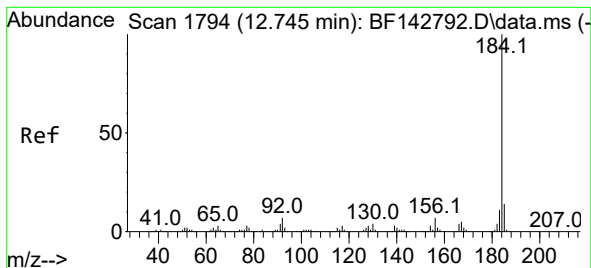


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:240 Resp: 112102

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	25.1	19.8	29.8





#77

Benzidine

Concen: 34.293 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS

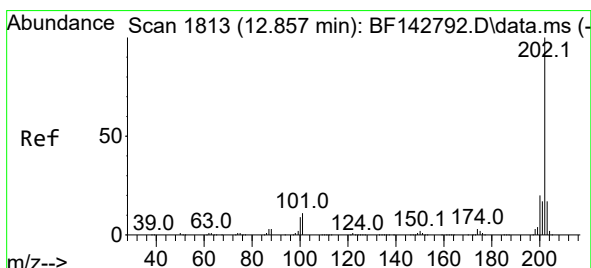
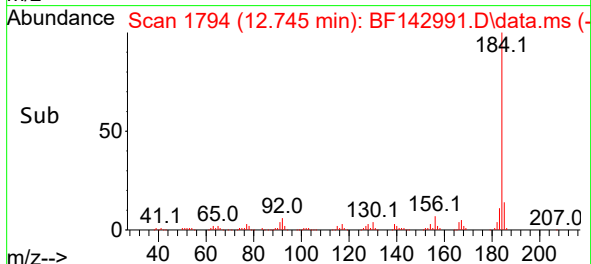
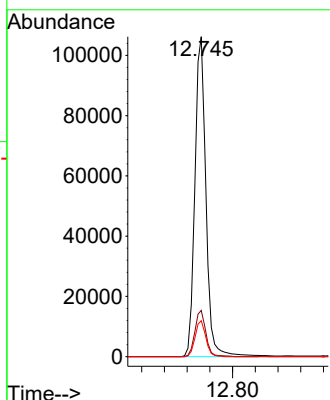
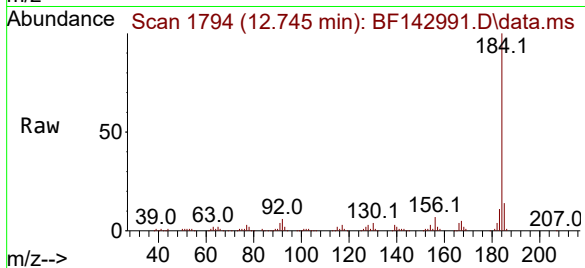
Tgt Ion:184 Resp: 144434

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.3 9.0 13.4



#78

Pyrene

Concen: 41.781 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

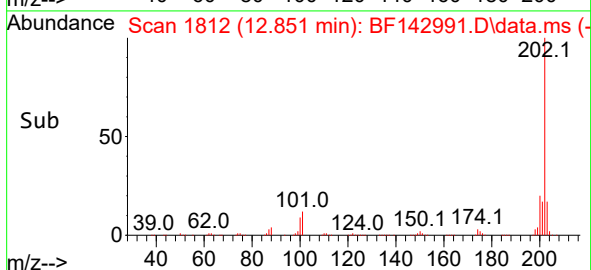
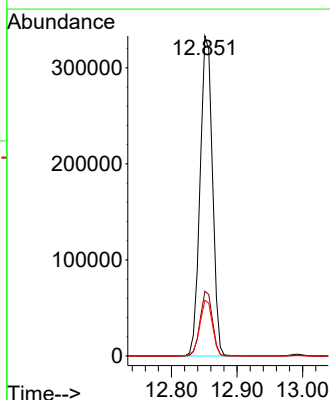
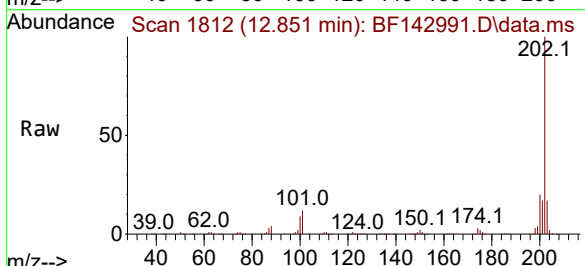
Tgt Ion:202 Resp: 439028

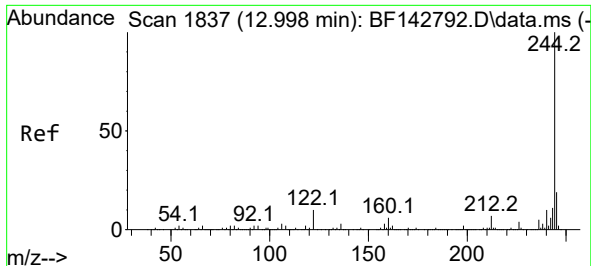
Ion Ratio Lower Upper

202 100

200 20.2 15.7 23.5

203 17.4 13.8 20.6

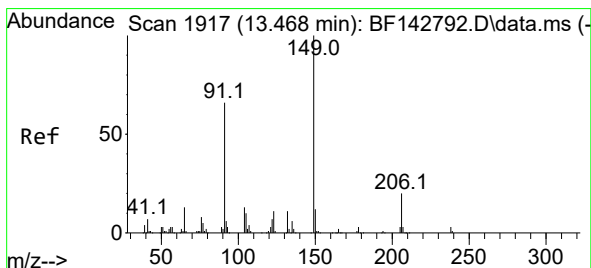
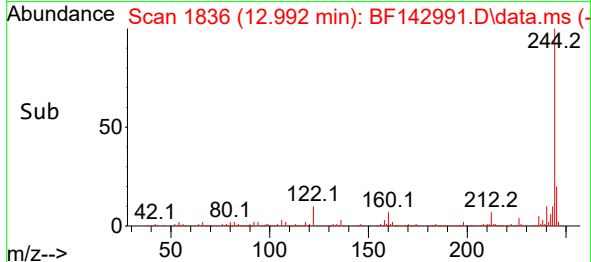
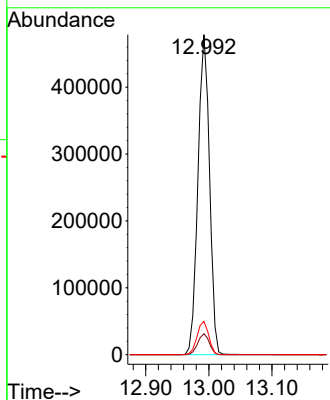
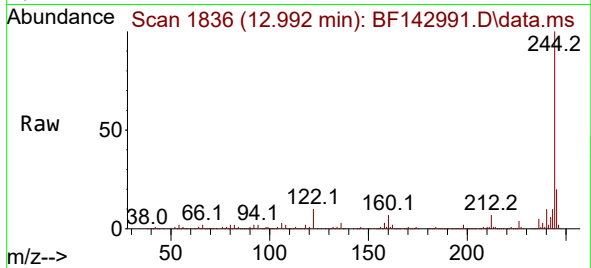




#79
 Terphenyl-d14
 Concen: 74.790 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142991.D
 Acq: 03 Jul 2025 11:55

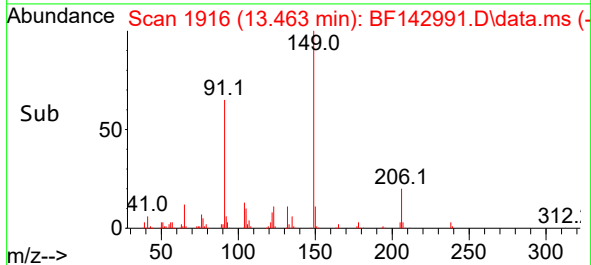
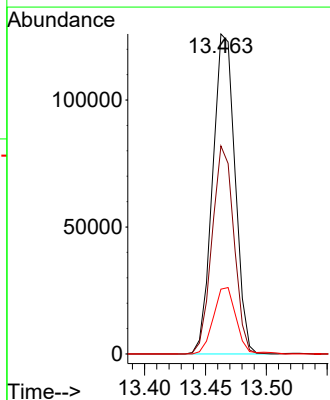
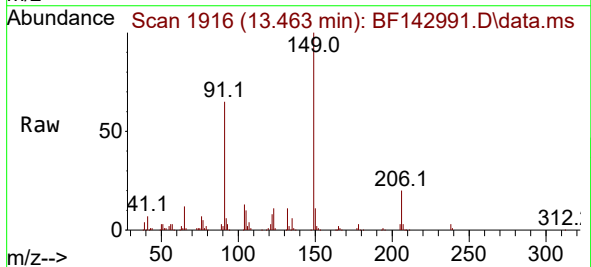
Instrument :
 BNA_F
 ClientSampleId :
 PB168674BS

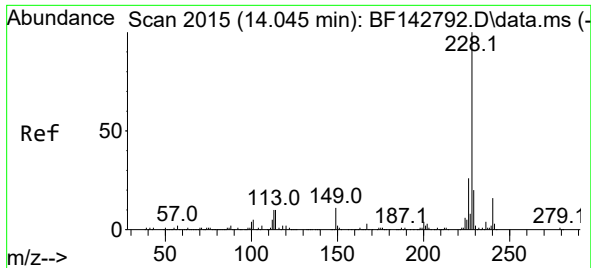
Tgt Ion:244 Resp: 606798
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.4 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 52.987 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF142991.D
 Acq: 03 Jul 2025 11:55

Tgt Ion:149 Resp: 161506
 Ion Ratio Lower Upper
 149 100
 91 65.0 52.9 79.3
 206 20.3 16.3 24.5

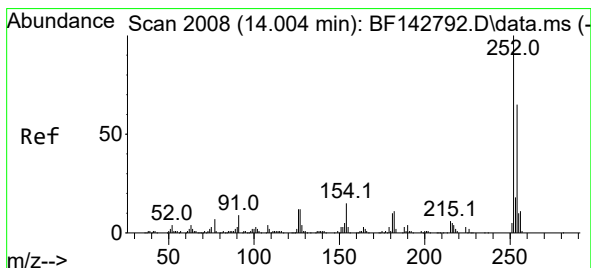
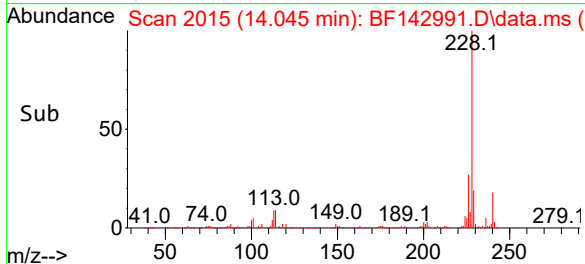
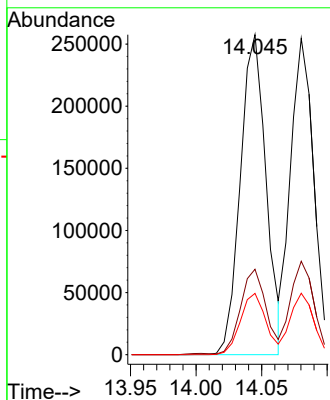
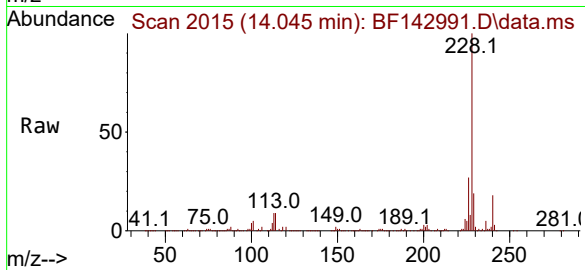




#81
Benzo(a)anthracene
Concen: 46.405 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

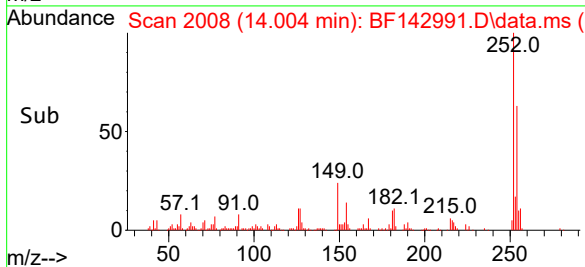
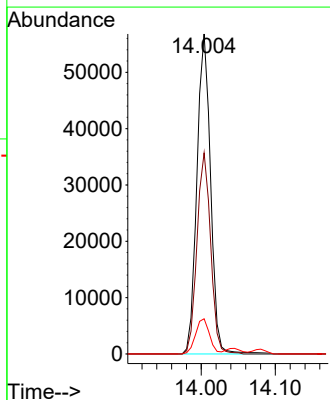
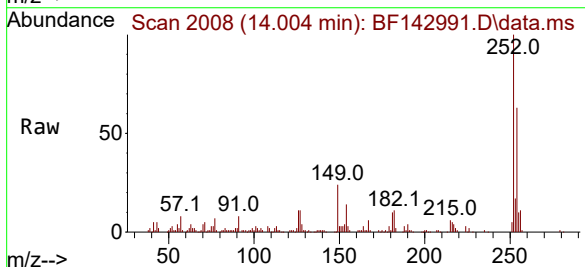
Instrument :
BNA_F
ClientSampleId :
PB168674BS

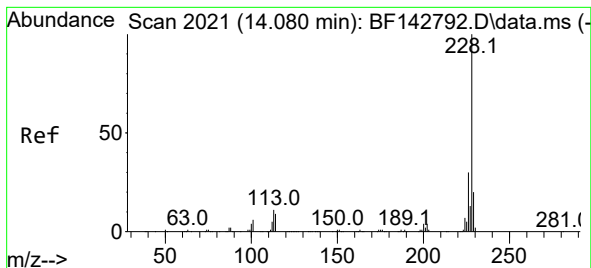
Tgt Ion:228 Resp: 350937
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 29.580 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:252 Resp: 72559
Ion Ratio Lower Upper
252 100
254 62.9 51.7 77.5
126 11.0 9.4 14.2





#83

Chrysene

Concen: 46.296 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS

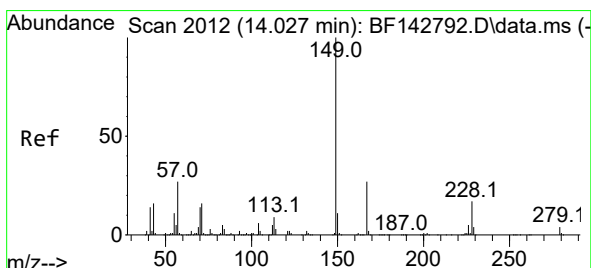
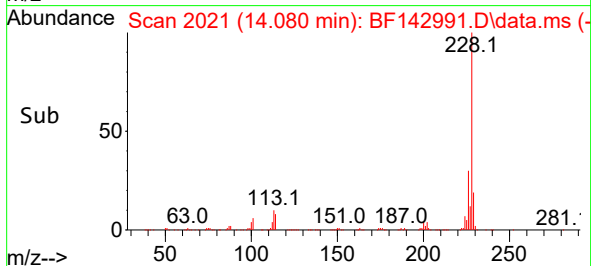
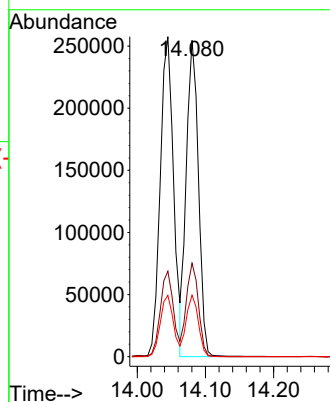
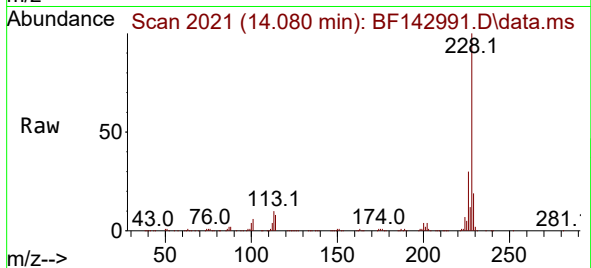
Tgt Ion:228 Resp: 312411

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.538 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

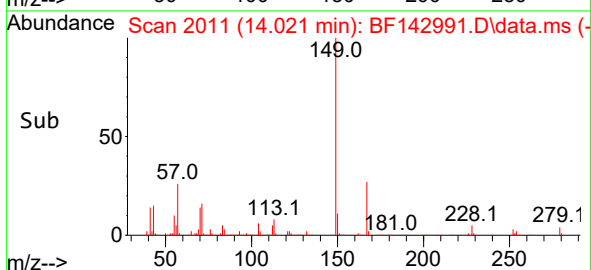
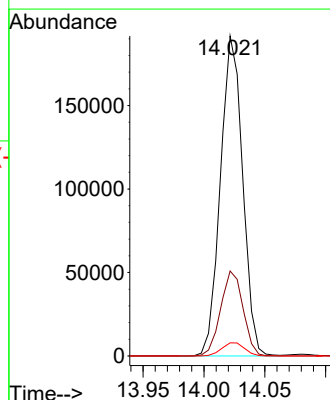
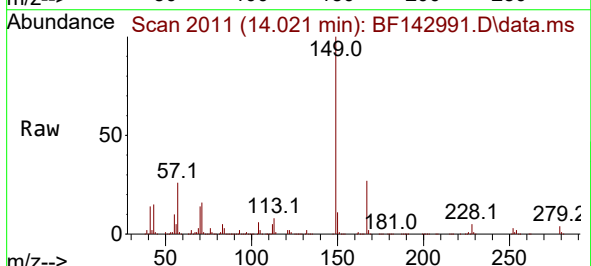
Tgt Ion:149 Resp: 243557

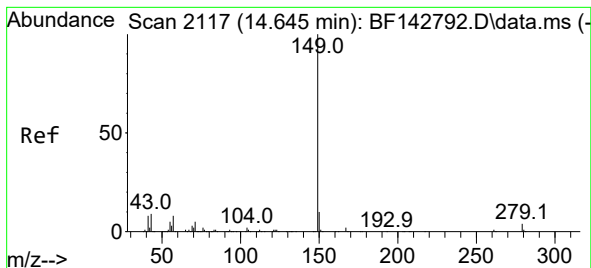
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 54.508 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS

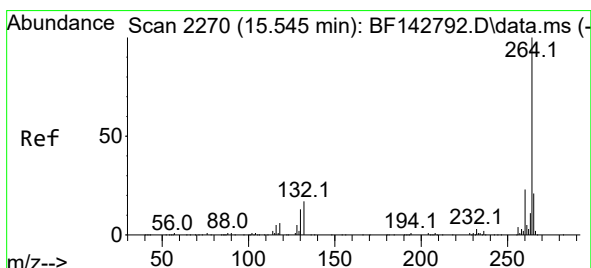
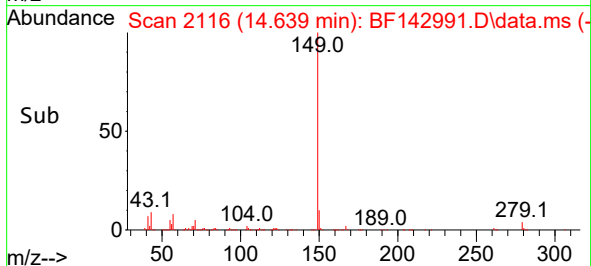
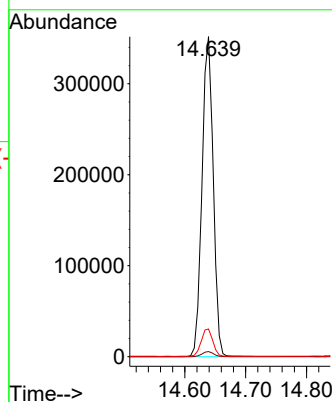
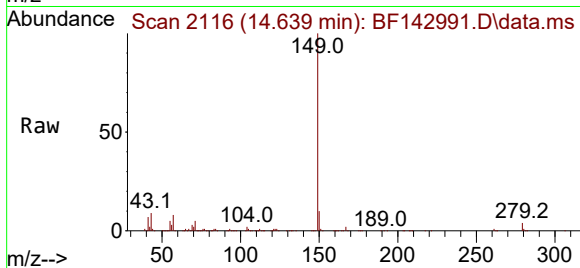
Tgt Ion:149 Resp: 450741

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

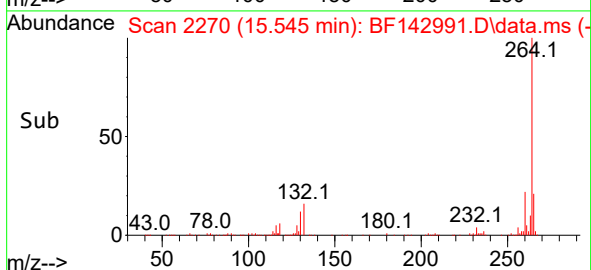
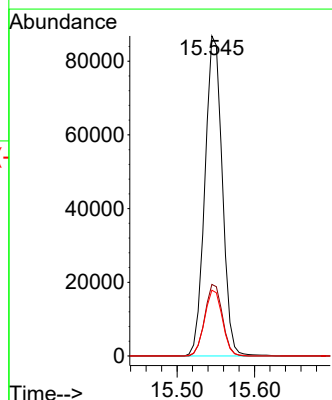
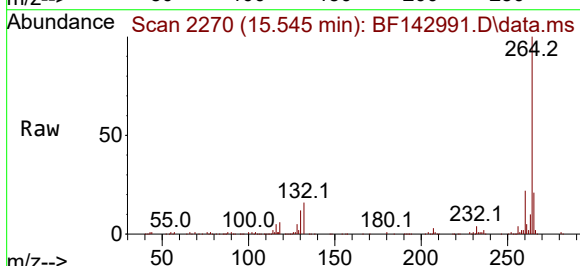
Tgt Ion:264 Resp: 135188

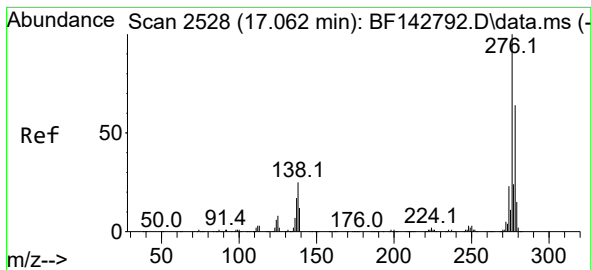
Ion Ratio Lower Upper

264 100

260 22.4 18.1 27.1

265 20.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.806 ng

RT: 17.074 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS

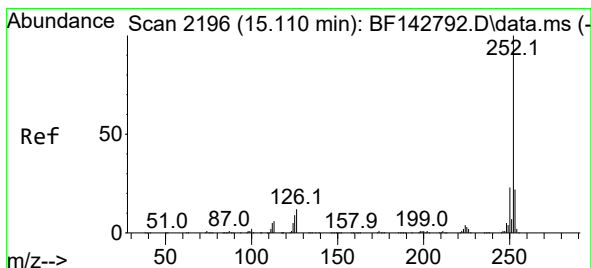
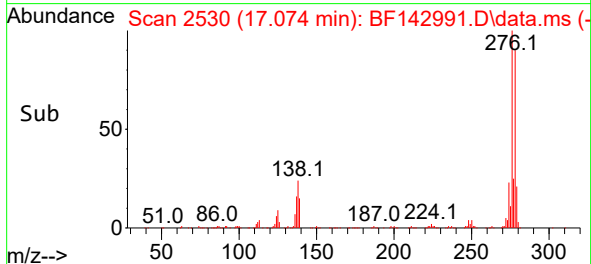
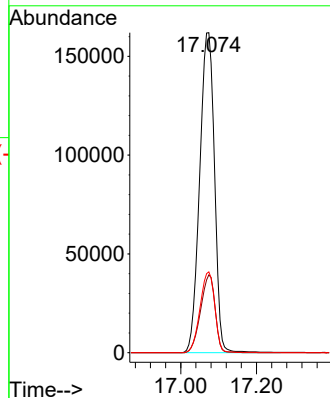
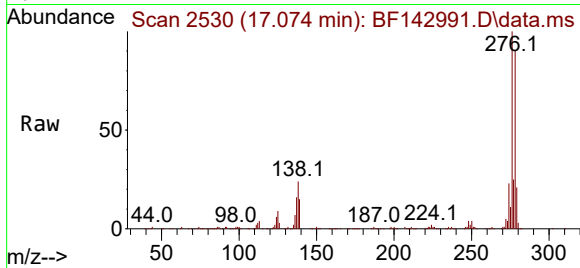
Tgt Ion:276 Resp: 440784

Ion Ratio Lower Upper

276 100

138 23.7 20.2 30.4

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 45.288 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

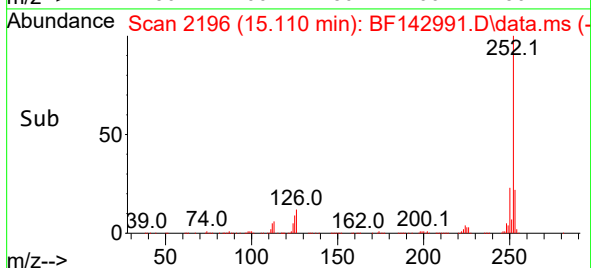
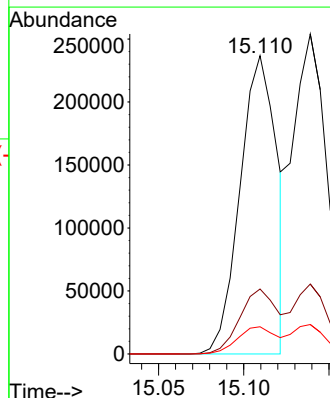
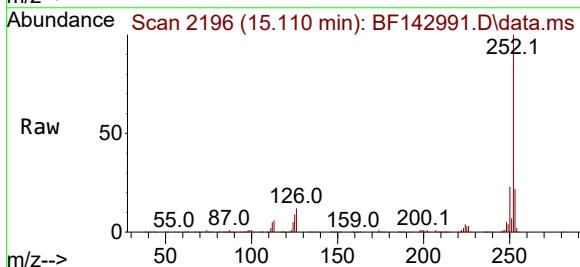
Tgt Ion:252 Resp: 354267

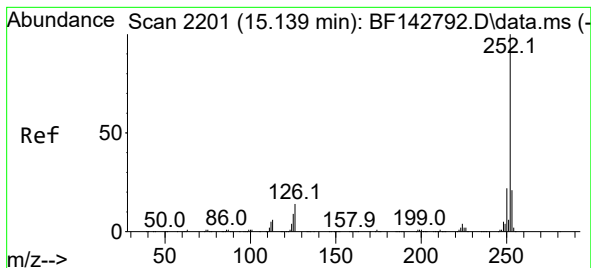
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 48.445 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB168674BS

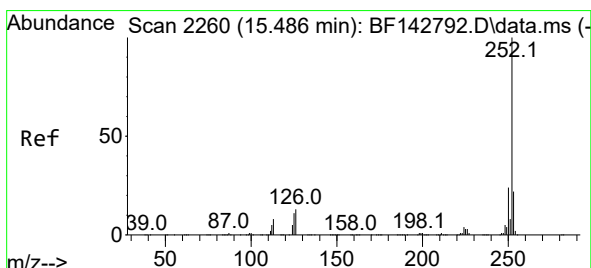
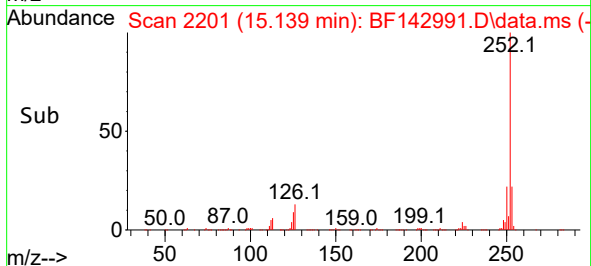
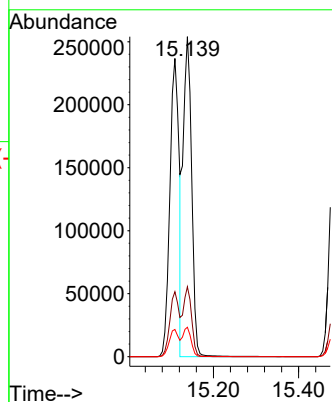
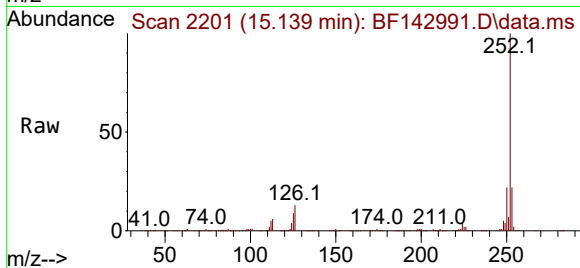
Tgt Ion:252 Resp: 354547

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 46.683 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142991.D

Acq: 03 Jul 2025 11:55

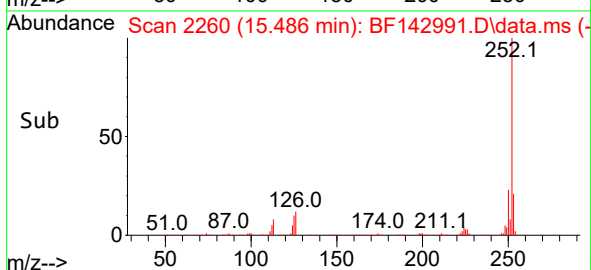
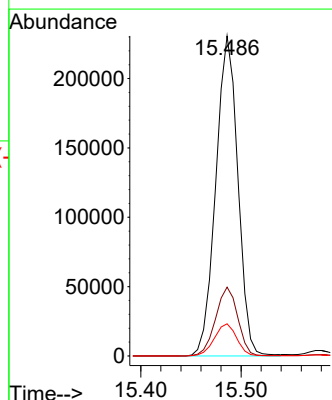
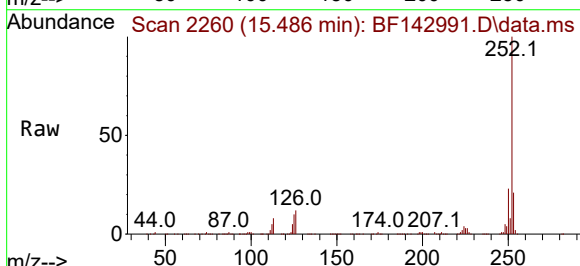
Tgt Ion:252 Resp: 352792

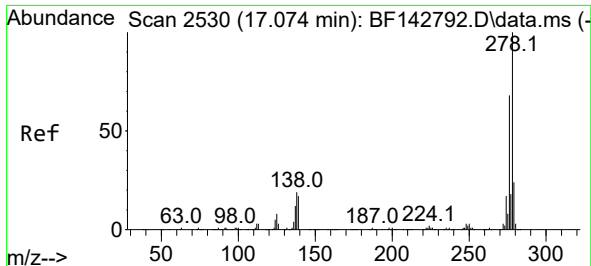
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 10.0 8.6 12.8

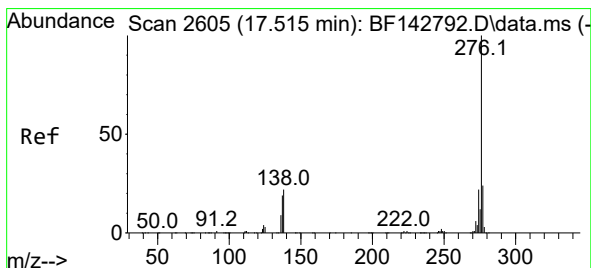
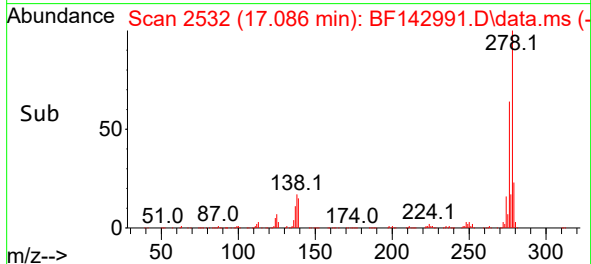
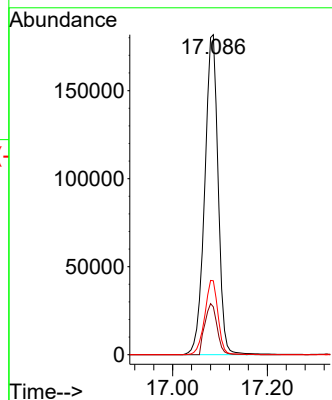
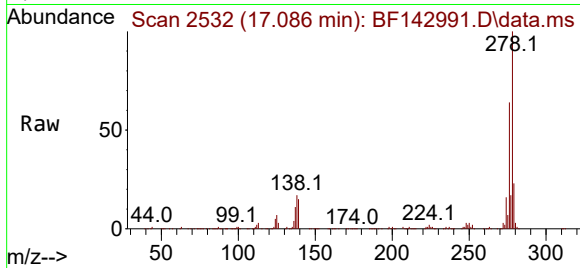




#91
Dibenzo(a,h)anthracene
Concen: 42.892 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Instrument :
BNA_F
ClientSampleId :
PB168674BS

Tgt Ion:278 Resp: 358859
Ion Ratio Lower Upper
278 100
139 15.0 13.5 20.3
279 23.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.696 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF142991.D
Acq: 03 Jul 2025 11:55

Tgt Ion:276 Resp: 347863
Ion Ratio Lower Upper
276 100
277 22.9 18.8 28.2
138 21.0 17.6 26.4

