

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142813.D
 Acq On : 24 Jun 2025 11:17
 Operator : RC/JU
 Sample : PB168582BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168582BS

Quant Time: Jun 24 11:57:14 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	6.881	152	87581	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	332781	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	176728	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	296244	20.000	ng	0.00
76) Chrysene-d12	14.057	240	159667	20.000	ng	0.00
86) Perylene-d12	15.545	264	182255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	684397	130.105	ng	0.02
7) Phenol-d6	6.510	99	802859	129.364	ng	0.00
23) Nitrobenzene-d5	7.446	82	503430	82.978	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	255049	140.241	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	1070792	79.595	ng	0.00
79) Terphenyl-d14	12.998	244	957674	82.874	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	79496	37.783	ng	100
3) Pyridine	3.499	79	221172	41.931	ng	98
4) n-Nitrosodimethylamine	3.452	42	125085	45.858	ng	98
6) Aniline	6.540	93	329661	39.921	ng	# 85
8) 2-Chlorophenol	6.663	128	262656	46.288	ng	100
9) Benzaldehyde	6.428	77	156759	42.574	ng	99
10) Phenol	6.528	94	311042	45.087	ng	90
11) bis(2-Chloroethyl)ether	6.616	93	225207	45.676	ng	99
12) 1,3-Dichlorobenzene	6.822	146	284896	44.893	ng	99
13) 1,4-Dichlorobenzene	6.899	146	288583	45.071	ng	100
14) 1,2-Dichlorobenzene	7.051	146	273605	45.053	ng	99
15) Benzyl Alcohol	7.022	79	208279	46.422	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	350854	44.291	ng	92
17) 2-Methylphenol	7.134	107	200569	46.642	ng	98
18) Hexachloroethane	7.393	117	101663	45.395	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	168488	46.678	ng	99
20) 3+4-Methylphenols	7.287	107	249680	46.569	ng	99
22) Acetophenone	7.287	105	339147	46.215	ng	96
24) Nitrobenzene	7.463	77	249296	45.399	ng	98
25) Isophorone	7.704	82	450133	46.251	ng	99
26) 2-Nitrophenol	7.781	139	144459	48.293	ng	98
27) 2,4-Dimethylphenol	7.816	122	240292	46.375	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	285010	46.063	ng	100
29) 2,4-Dichlorophenol	8.022	162	220959	47.031	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	236242	45.729	ng	100
31) Naphthalene	8.187	128	744925	45.732	ng	99
32) Benzoic acid	7.946	122	144562	54.739	ng	95
33) 4-Chloroaniline	8.234	127	227366	34.327	ng	99
34) Hexachlorobutadiene	8.298	225	142885	45.217	ng	98
35) Caprolactam	8.604	113	66522m	53.658	ng	
36) 4-Chloro-3-methylphenol	8.716	107	222403	47.632	ng	99
37) 2-Methylnaphthalene	8.875	142	469295	46.471	ng	99
38) 1-Methylnaphthalene	8.975	142	482375	46.143	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	235333	45.129	ng	99
41) Hexachlorocyclopentadiene	9.034	237	295408	99.826	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	154803	45.557	ng	99

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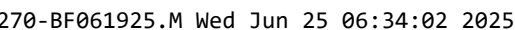
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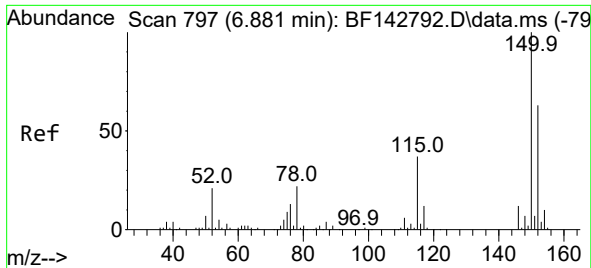
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	168681	47.157	ng	99
46) 1,1'-Biphenyl	9.345	154	633495	45.378	ng	100
47) 2-Chloronaphthalene	9.369	162	466586	44.537	ng	99
48) 2-Nitroaniline	9.463	65	142687	48.581	ng	98
49) Acenaphthylene	9.787	152	785696	45.557	ng	100
50) Dimethylphthalate	9.645	163	542318	47.407	ng	100
51) 2,6-Dinitrotoluene	9.704	165	121297	48.282	ng	99
52) Acenaphthene	9.957	154	536313	50.969	ng	100
53) 3-Nitroaniline	9.875	138	103160	37.296	ng	99
54) 2,4-Dinitrophenol	9.987	184	151565	120.487	ng	96
55) Dibenzofuran	10.128	168	689529	45.698	ng	100
56) 4-Nitrophenol	10.039	139	193832	102.360	ng	97
57) 2,4-Dinitrotoluene	10.110	165	166576	49.917	ng	96
58) Fluorene	10.475	166	538352	45.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	138836	48.152	ng	98
60) Diethylphthalate	10.345	149	540496	48.188	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	257391	45.773	ng	99
62) 4-Nitroaniline	10.492	138	127969	50.586	ng	99
63) Azobenzene	10.622	77	466549	46.539	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	93535	52.199	ng	98
66) n-Nitrosodiphenylamine	10.581	169	476483	46.409	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	157021	46.573	ng	97
68) Hexachlorobenzene	11.022	284	177313	47.330	ng	98
69) Atrazine	11.110	200	139801	52.729	ng	99
70) Pentachlorophenol	11.216	266	192230	102.973	ng	99
71) Phenanthrene	11.439	178	740309	46.132	ng	100
72) Anthracene	11.486	178	772633	46.945	ng	100
73) Carbazole	11.645	167	680810	47.935	ng	100
74) Di-n-butylphthalate	11.969	149	749689	50.669	ng	100
75) Fluoranthene	12.628	202	713150	46.826	ng	100
77) Benzidine	12.745	184	392395	65.411	ng	100
78) Pyrene	12.857	202	712786	47.626	ng	100
80) Butylbenzylphthalate	13.469	149	226938	52.274	ng	97
81) Benzo(a)anthracene	14.045	228	523674	48.618	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	114897	32.887	ng	99
83) Chrysene	14.080	228	470710	48.974	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	304494	48.749	ng	99
85) Di-n-octyl phthalate	14.645	149	558310	47.403	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	624450	44.982	ng	99
88) Benzo(b)fluoranthene	15.104	252	519564	49.266	ng	100
89) Benzo(k)fluoranthene	15.139	252	476677	48.312	ng	100
90) Benzo(a)pyrene	15.480	252	493806	48.468	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	506271	44.884	ng	99
92) Benzo(g,h,i)perylene	17.515	276	506983	45.075	ng	100

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

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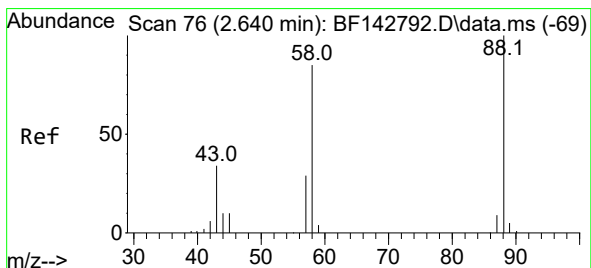
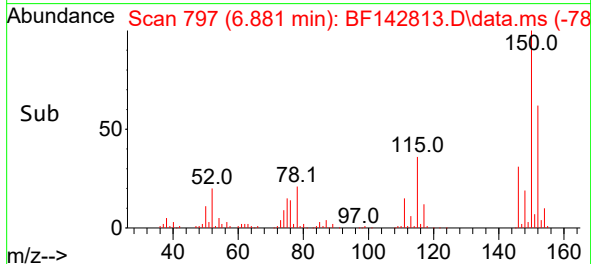
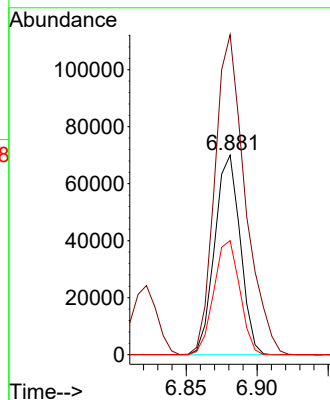
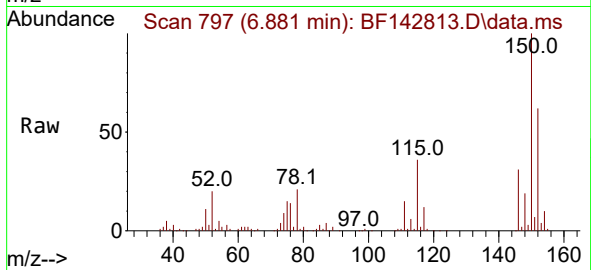




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142813.D
 Acq: 24 Jun 2025 11:17

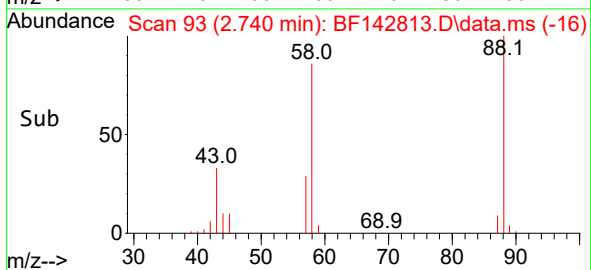
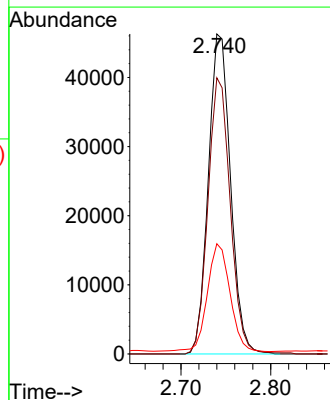
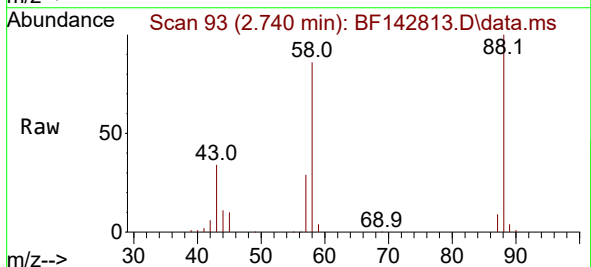
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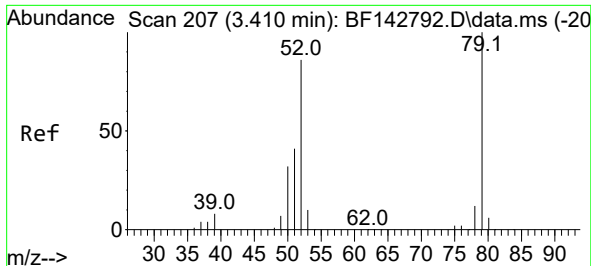
Tgt Ion:152 Resp: 87581
 Ion Ratio Lower Upper
 152 100
 150 160.4 127.2 190.8
 115 57.2 46.6 69.8



#2
 1,4-Dioxane
 Concen: 37.783 ng
 RT: 2.740 min Scan# 93
 Delta R.T. 0.100 min
 Lab File: BF142813.D
 Acq: 24 Jun 2025 11:17

Tgt Ion: 88 Resp: 79496
 Ion Ratio Lower Upper
 88 100
 58 86.9 69.1 103.7
 43 34.3 27.4 41.2

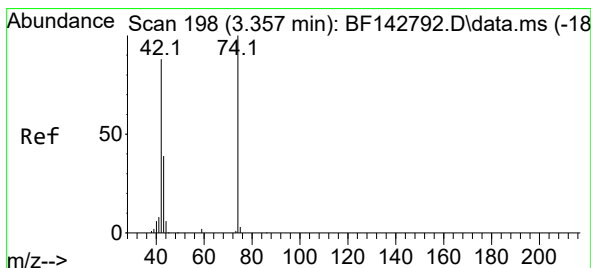
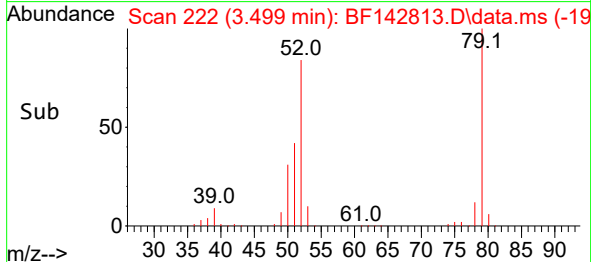
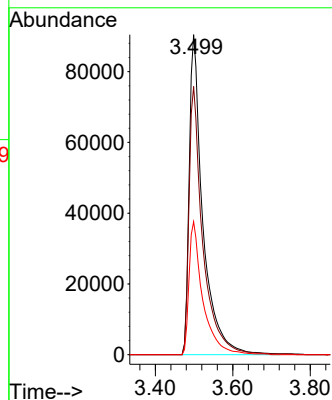
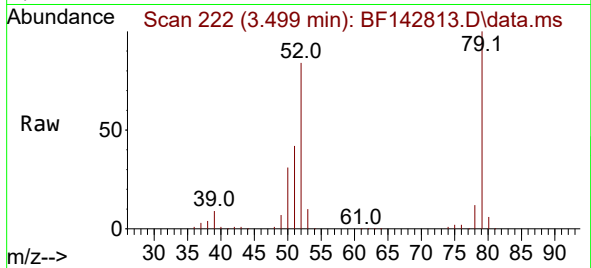




#3
Pyridine
Concen: 41.931 ng
RT: 3.499 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

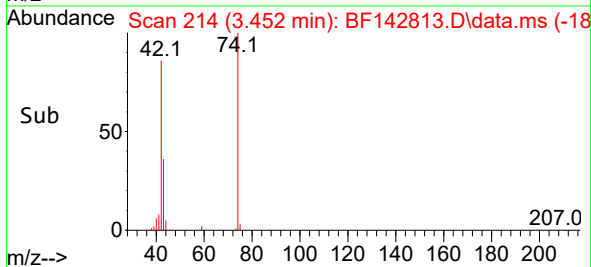
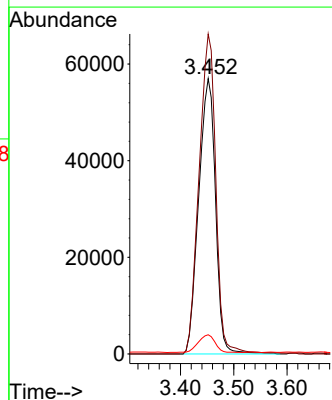
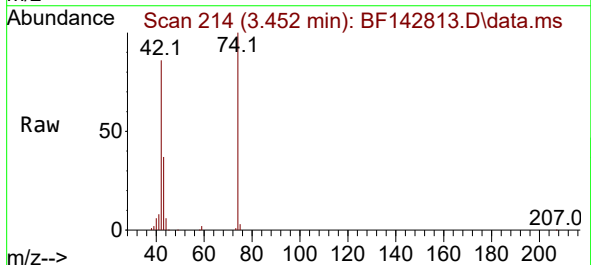
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ClientSampleId :
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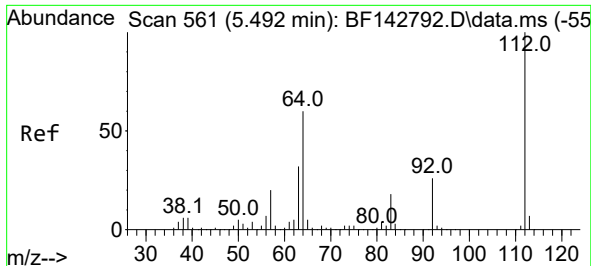
Tgt Ion: 79 Resp: 221172
Ion Ratio Lower Upper
79 100
52 83.8 69.2 103.8
51 41.5 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 45.858 ng
RT: 3.452 min Scan# 214
Delta R.T. 0.094 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion: 42 Resp: 125085
Ion Ratio Lower Upper
42 100
74 116.2 90.9 136.3
44 7.0 5.8 8.6

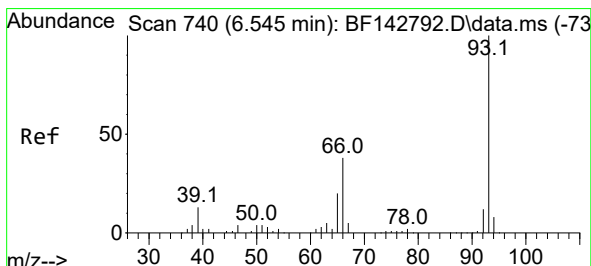
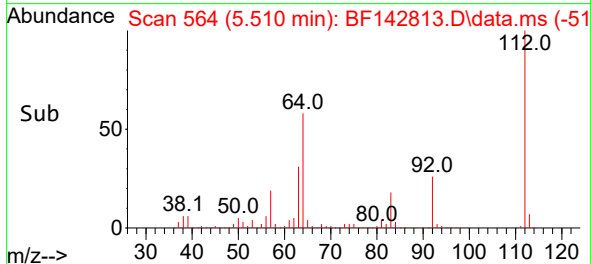
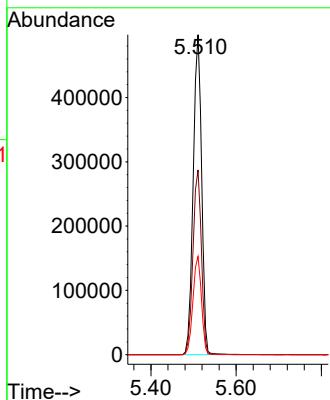
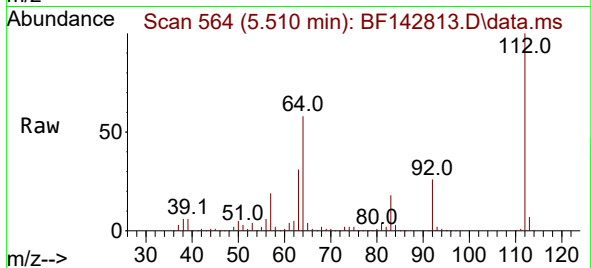




#5
2-Fluorophenol
Concen: 130.105 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

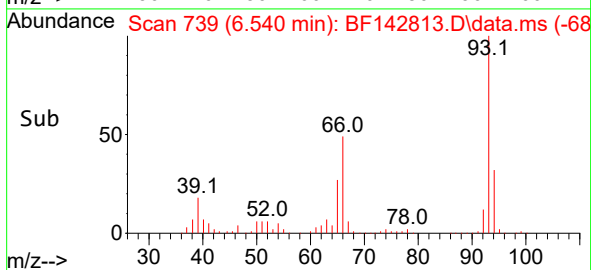
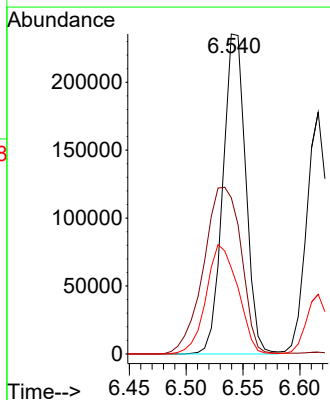
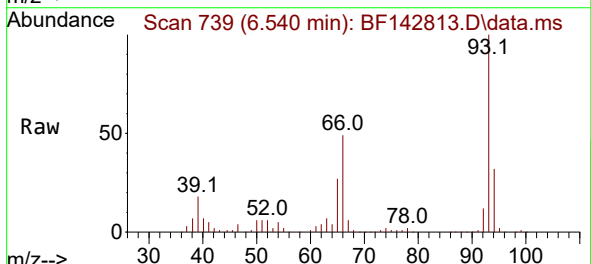
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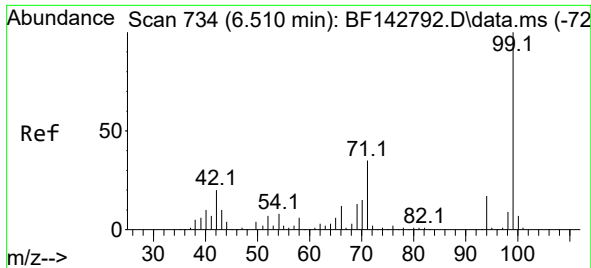
Tgt Ion:112 Resp: 684397
Ion Ratio Lower Upper
112 100
64 57.8 48.2 72.2
63 30.7 25.7 38.5



#6
Aniline
Concen: 39.921 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion: 93 Resp: 329661
Ion Ratio Lower Upper
93 100
66 48.8 31.8 47.6#
65 26.8 16.2 24.2#

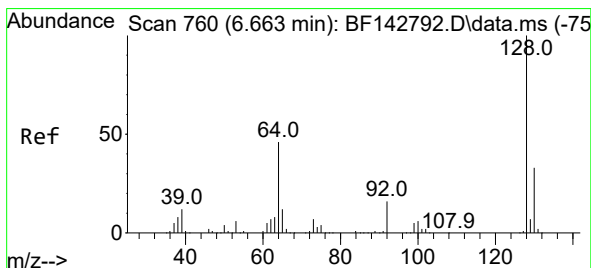
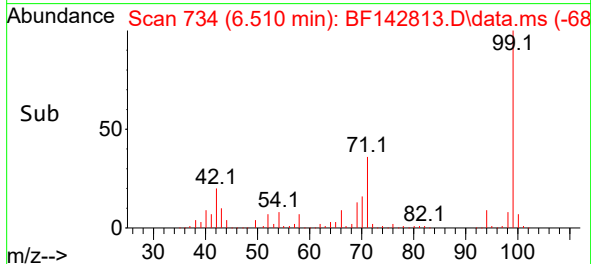
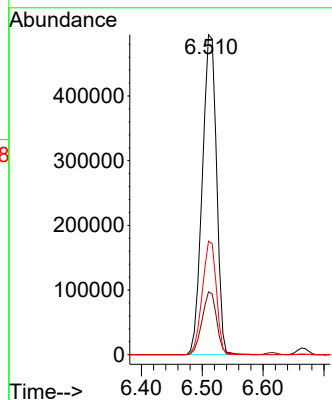
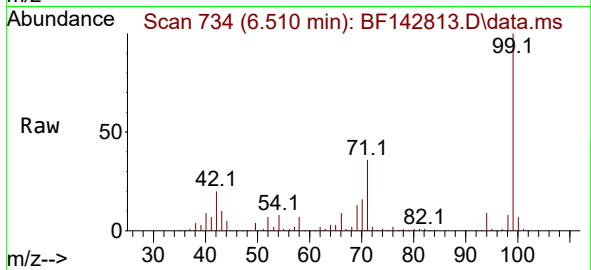




#7
Phenol-d6
Concen: 129.364 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

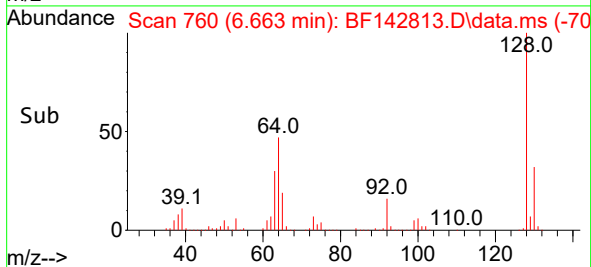
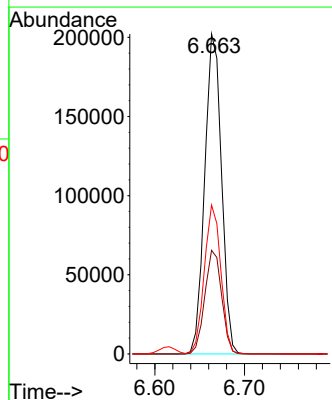
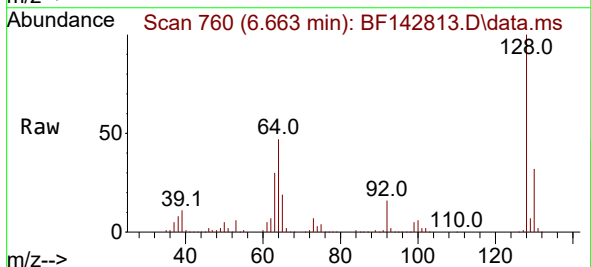
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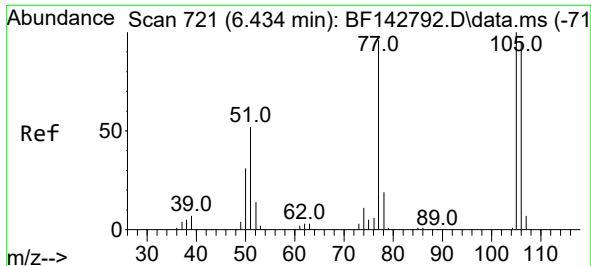
Tgt Ion: 99 Resp: 802859
Ion Ratio Lower Upper
99 100
42 19.6 15.9 23.9
71 35.5 27.8 41.8



#8
2-Chlorophenol
Concen: 46.288 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:128 Resp: 262656
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 46.5 26.5 66.5

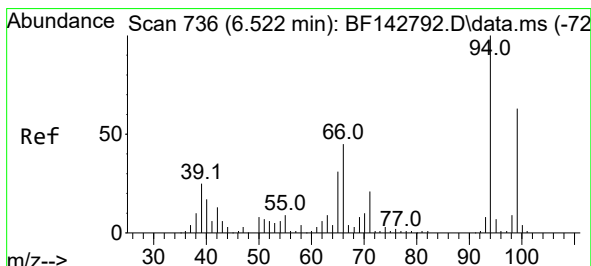
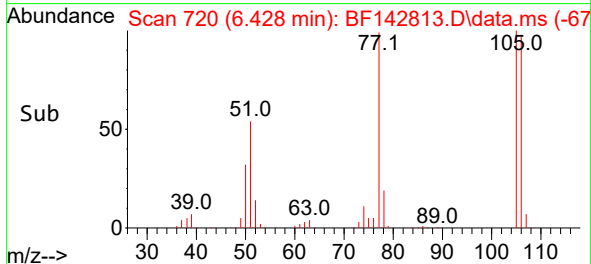
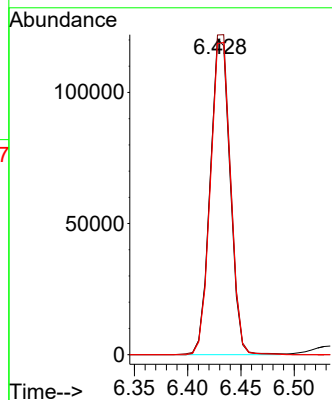
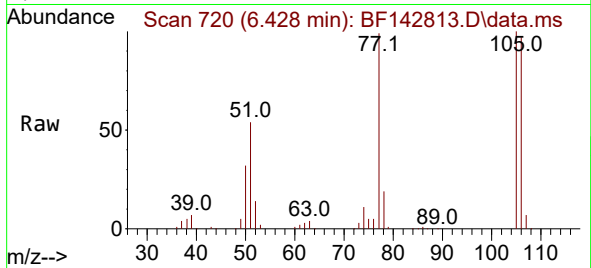




#9
Benzaldehyde
Concen: 42.574 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

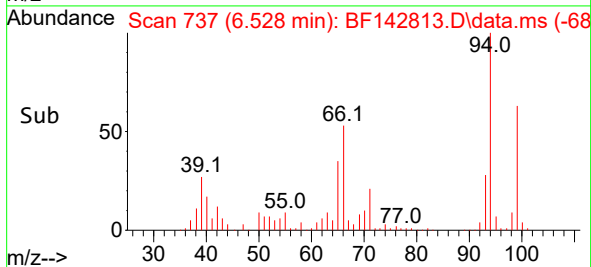
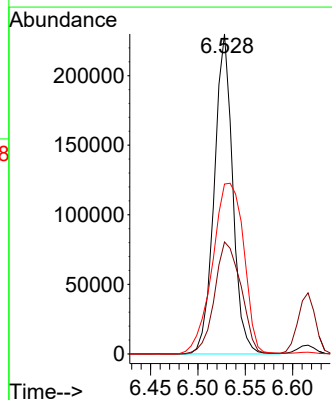
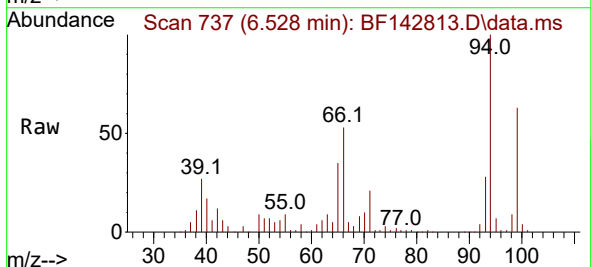
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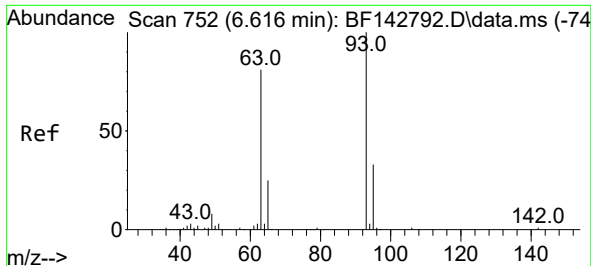
Tgt Ion: 77 Resp: 156759
Ion Ratio Lower Upper
77 100
105 101.2 83.8 123.8
106 98.4 78.7 118.7



#10
Phenol
Concen: 45.087 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142813.D
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Tgt Ion: 94 Resp: 311042
Ion Ratio Lower Upper
94 100
65 35.0 11.3 51.3
66 53.1 24.9 64.9

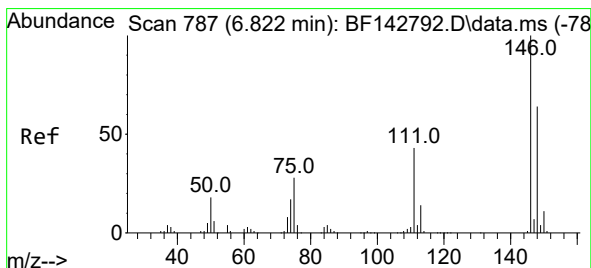
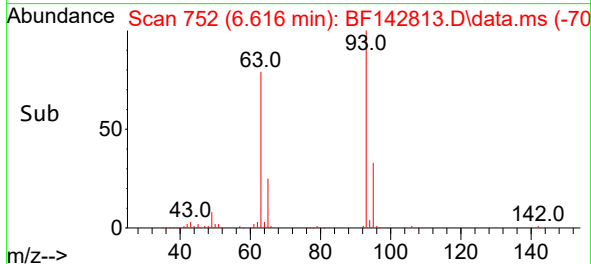
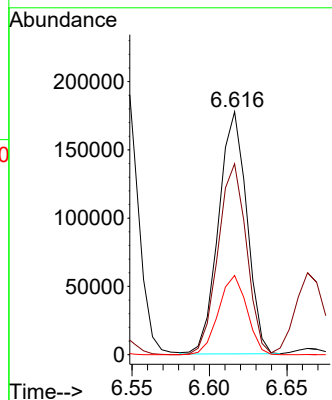
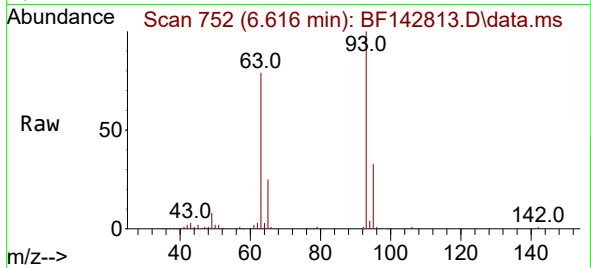




#11
bis(2-Chloroethyl)ether
Concen: 45.676 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

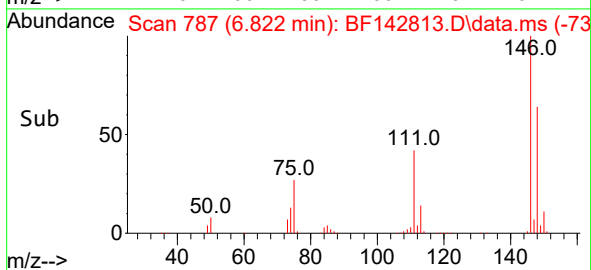
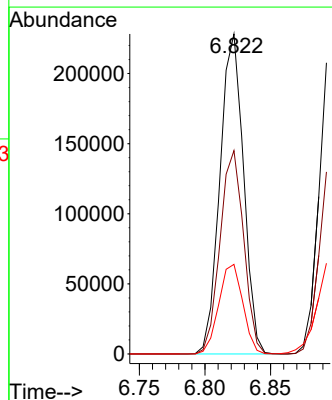
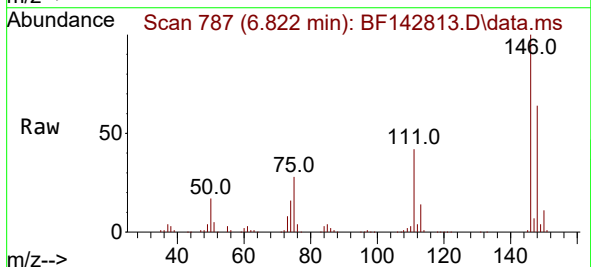
Instrument :
BNA_F
ClientSampleId :
PB168582BS

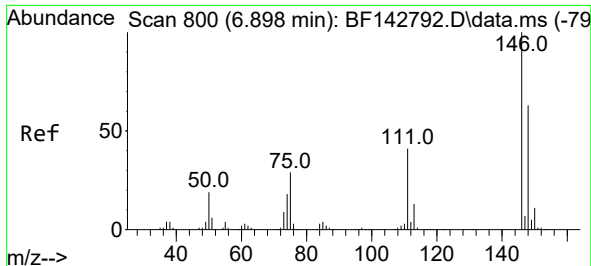
Tgt Ion: 93 Resp: 225207
Ion Ratio Lower Upper
93 100
63 78.6 60.3 100.3
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 44.893 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:146 Resp: 284896
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
75 28.0 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 45.071 ng

RT: 6.899 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

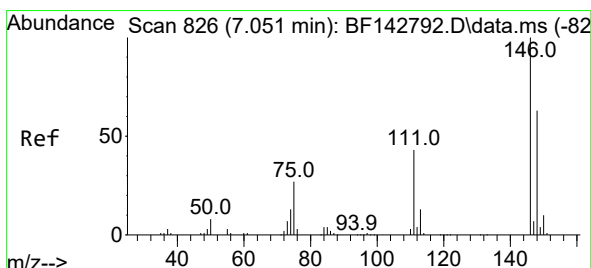
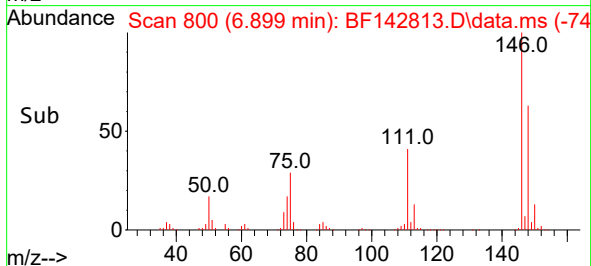
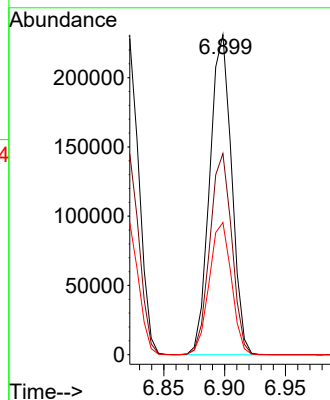
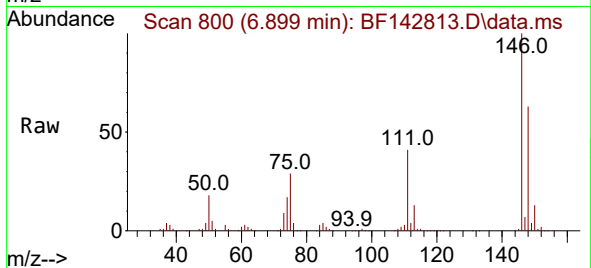
Tgt Ion:146 Resp: 288583

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

111 41.3 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 45.053 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

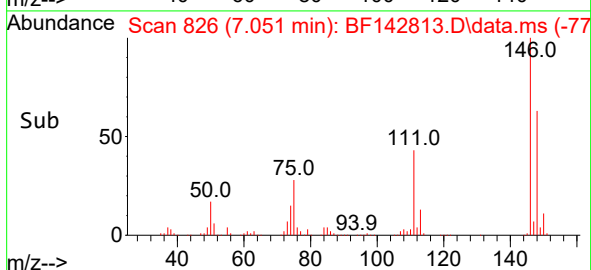
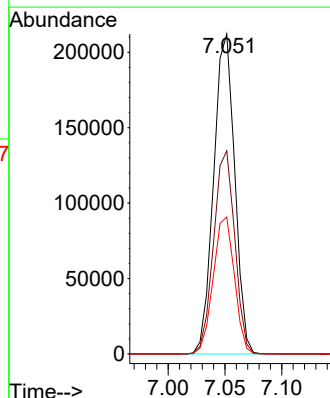
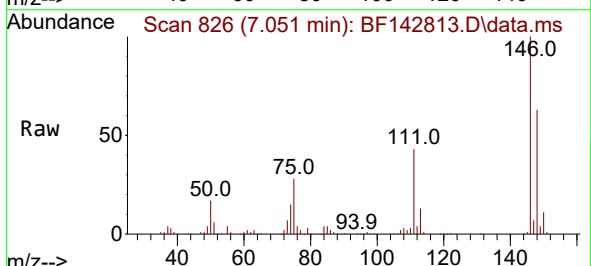
Tgt Ion:146 Resp: 273605

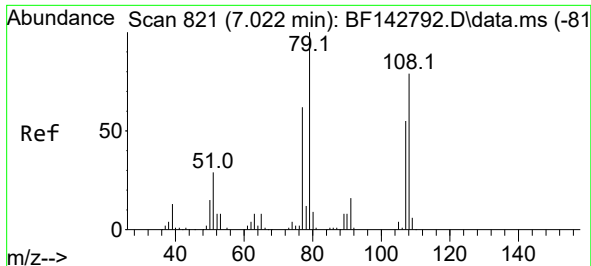
Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

111 42.8 34.1 51.1

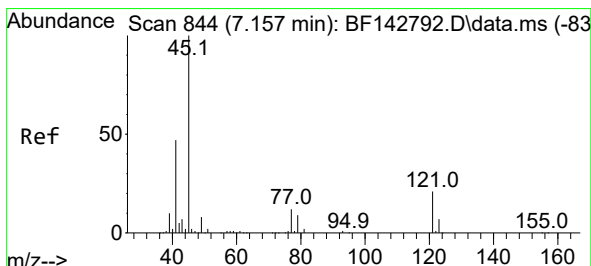
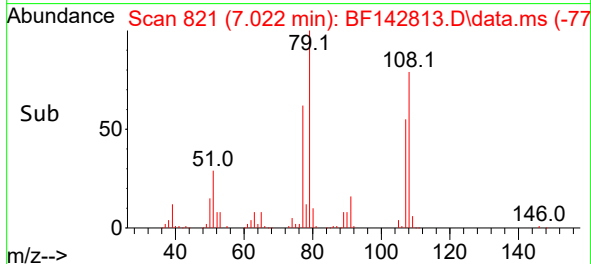
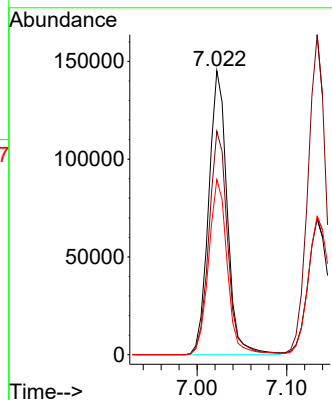
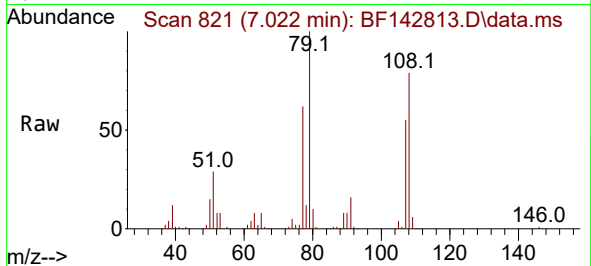




#15
Benzyl Alcohol
Concen: 46.422 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

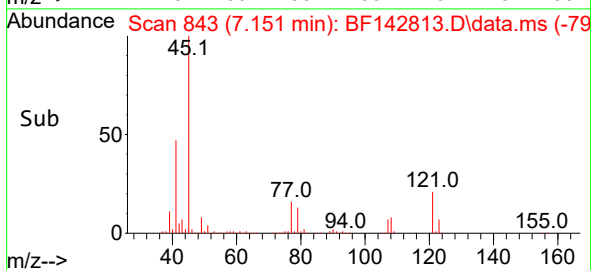
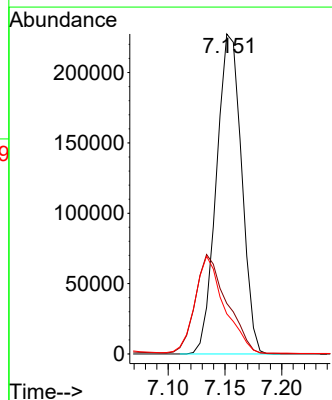
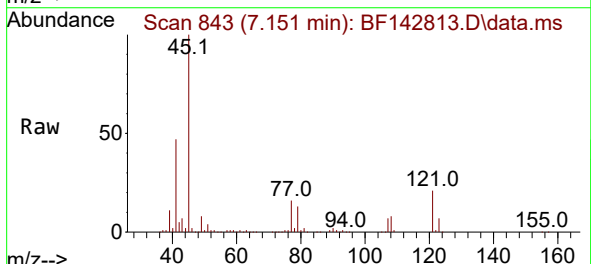
Instrument :
BNA_F
ClientSampleId :
PB168582BS

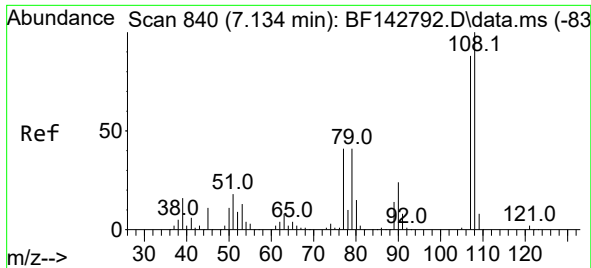
Tgt Ion: 79 Resp: 208279
Ion Ratio Lower Upper
79 100
108 78.7 63.4 95.0
77 61.7 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.291 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion: 45 Resp: 350854
Ion Ratio Lower Upper
45 100
77 15.8 0.0 32.8
79 12.5 0.0 29.8

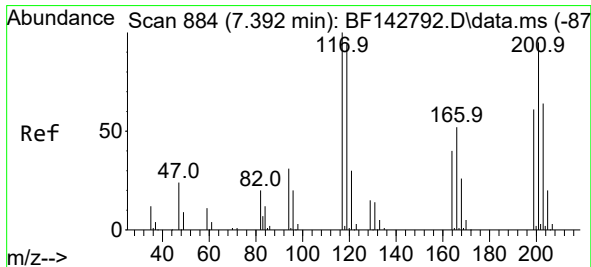
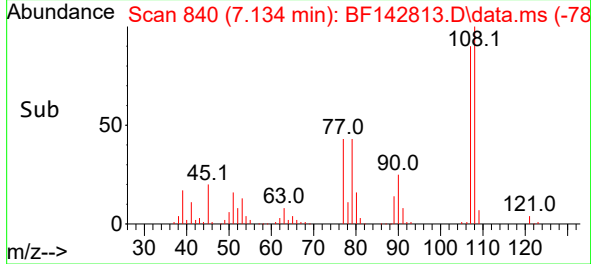
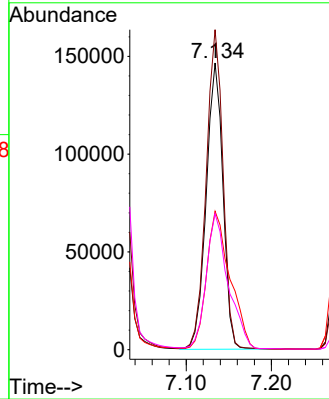
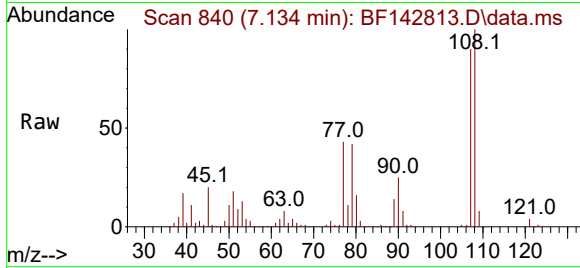




#17
2-Methylphenol
Concen: 46.642 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

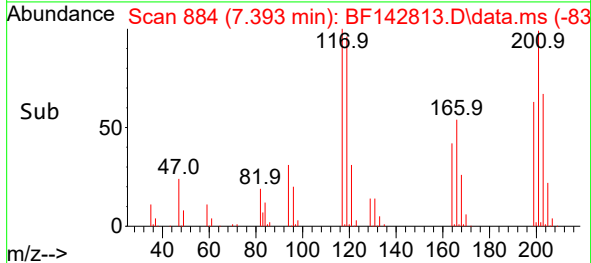
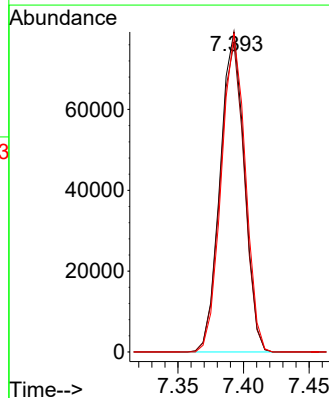
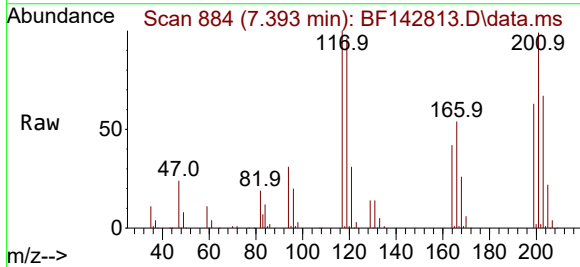
Instrument :
BNA_F
ClientSampleId :
PB168582BS

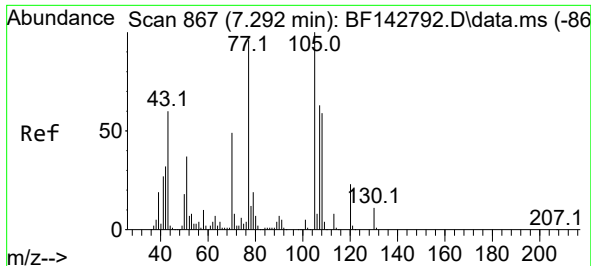
Tgt Ion:	107	Resp:	200569
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.9	136.3
77	48.3	37.3	55.9
79	47.4	37.2	55.8



#18
Hexachloroethane
Concen: 45.395 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:	117	Resp:	101663
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.4	113.0
201	99.4	75.9	113.9



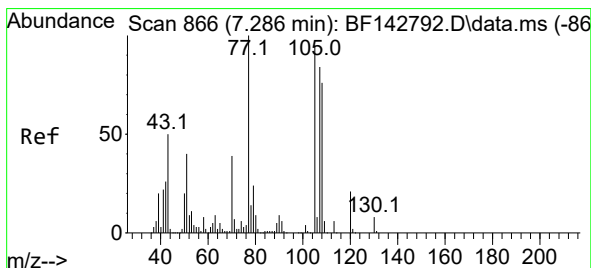
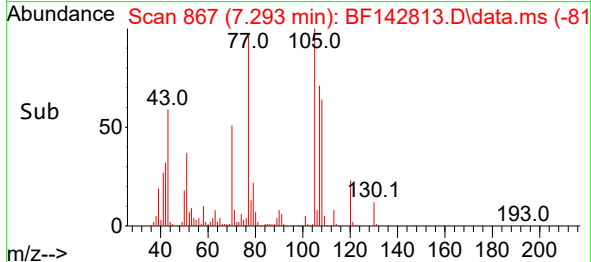
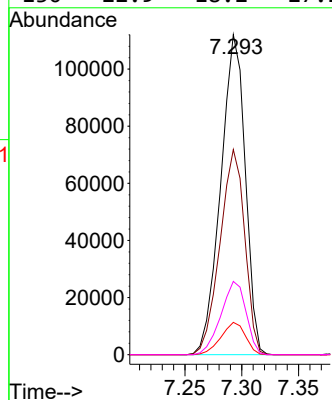
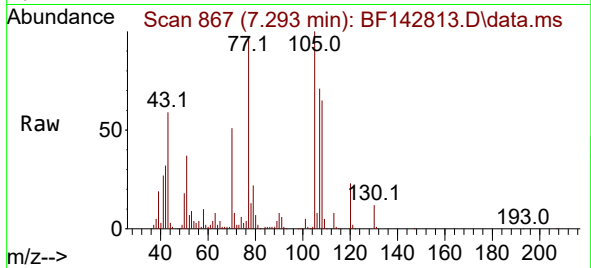


#19
n-Nitroso-di-n-propylamine
Concen: 46.678 ng
RT: 7.293 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB168582BS

Tgt Ion: 70 Resp: 168488

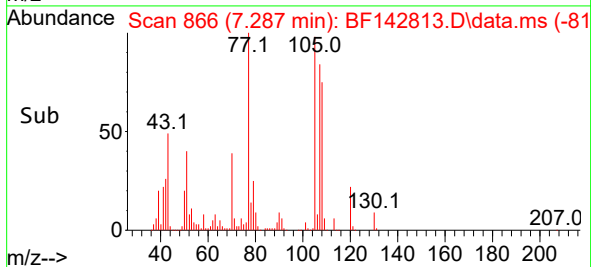
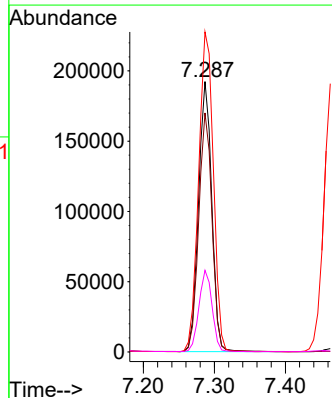
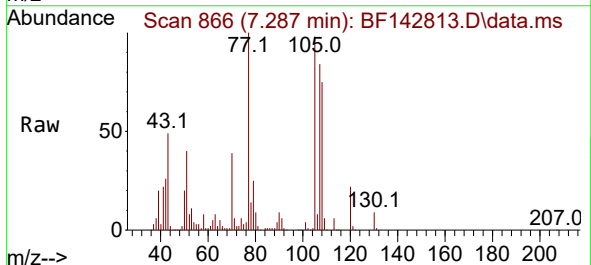
Ion	Ratio	Lower	Upper
70	100		
42	64.1	52.1	78.1
101	10.1	8.2	12.2
130	22.9	18.2	27.2

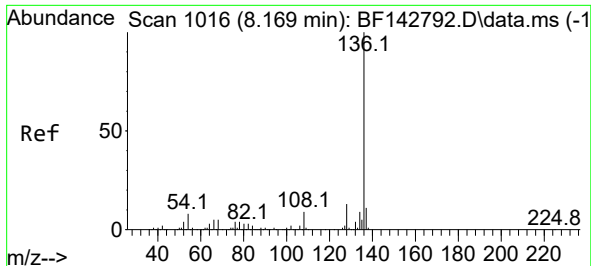


#20
3+4-Methylphenols
Concen: 46.569 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion: 107 Resp: 249680

Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.0	110.0
77	118.4	98.5	138.5
79	30.2	8.8	48.8

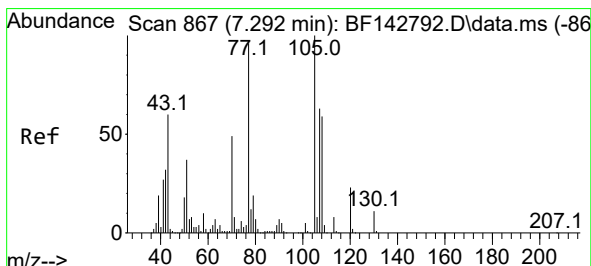
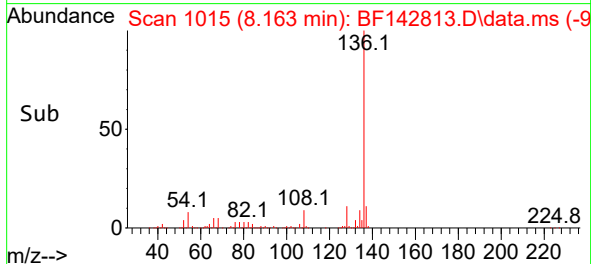
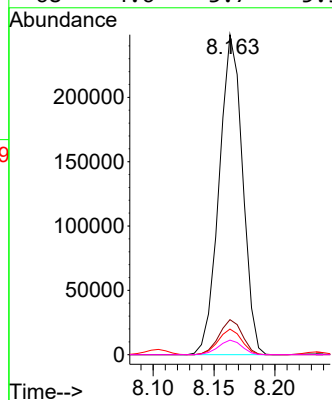
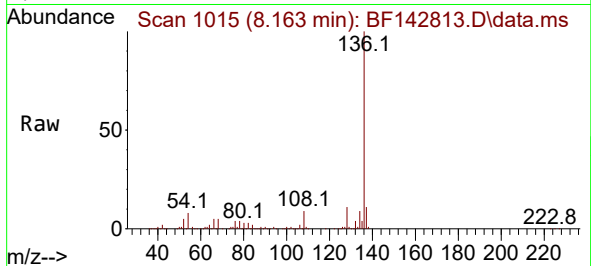




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

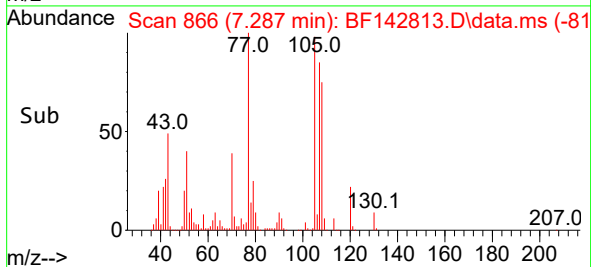
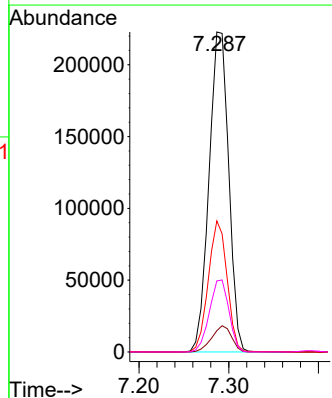
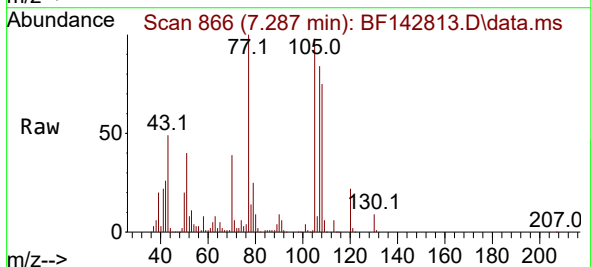
Instrument :
BNA_F
ClientSampleId :
PB168582BS

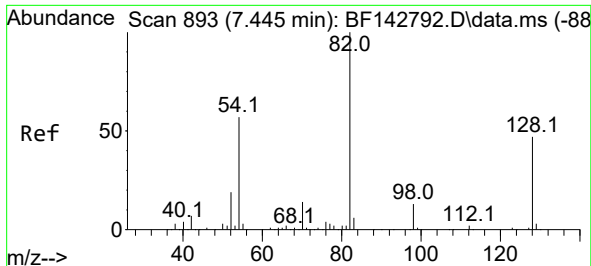
Tgt Ion:136 Resp: 332781
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.0 6.3 9.5
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 46.215 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:105 Resp: 339147
Ion Ratio Lower Upper
105 100
71 6.6 6.5 9.7
51 40.9 29.8 44.8
120 22.2 18.2 27.2





#23

Nitrobenzene-d5

Concen: 82.978 ng

RT: 7.446 min Scan# 893

Delta R.T. 0.001 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

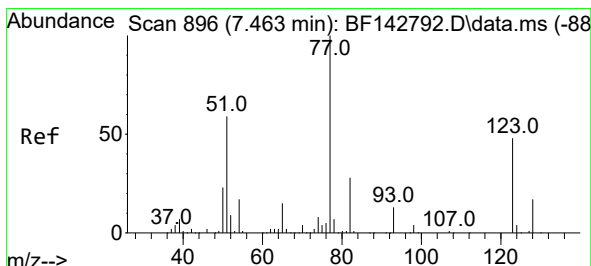
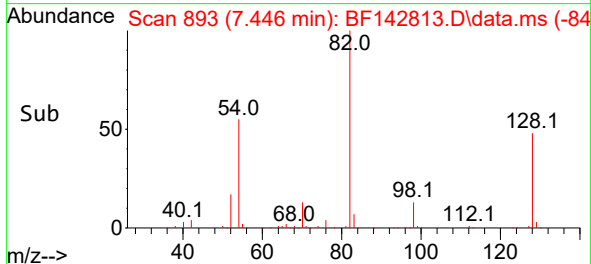
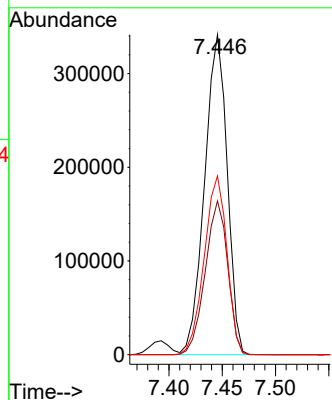
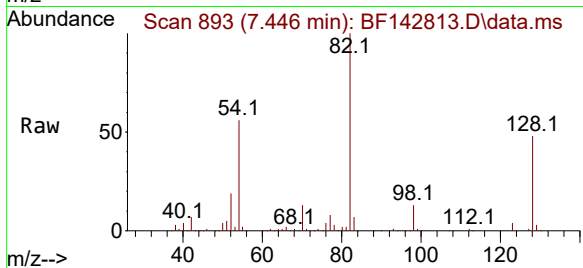
Tgt Ion: 82 Resp: 503430

Ion Ratio Lower Upper

82 100

128 48.0 37.7 56.5

54 55.9 45.7 68.5



#24

Nitrobenzene

Concen: 45.399 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

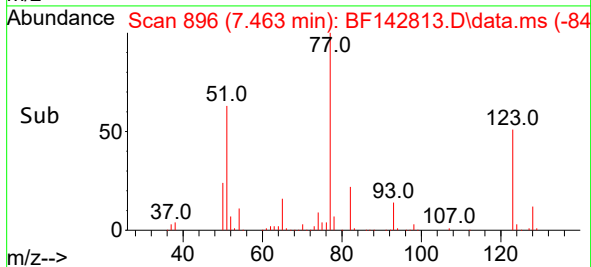
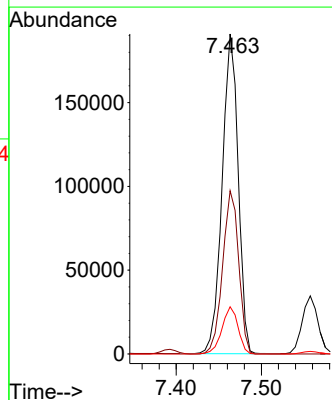
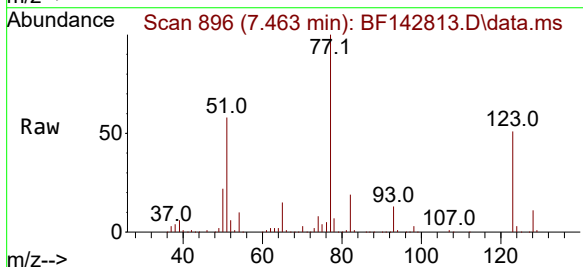
Tgt Ion: 77 Resp: 249296

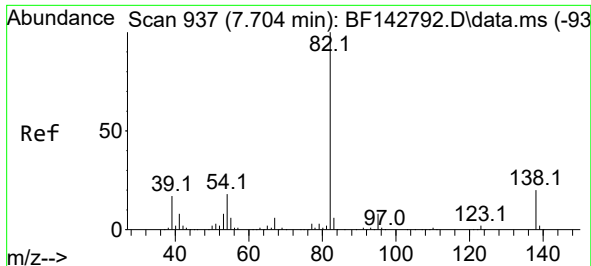
Ion Ratio Lower Upper

77 100

123 51.0 39.2 58.8

65 14.7 11.6 17.4

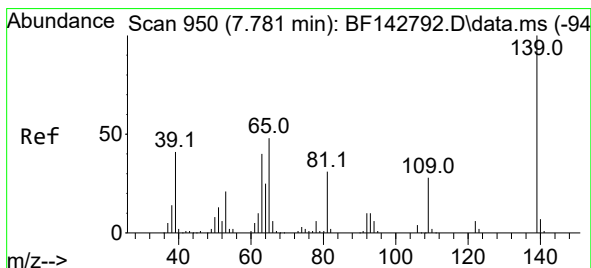
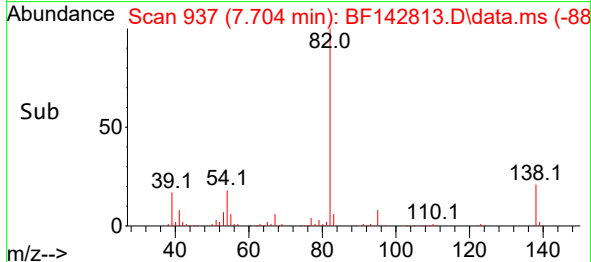
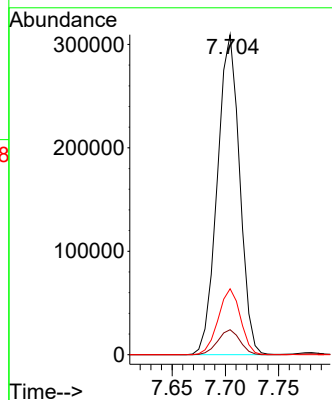
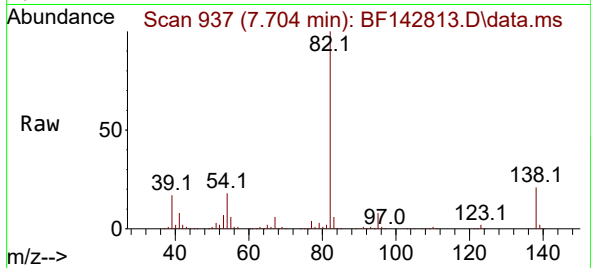




#25
Isophorone
Concen: 46.251 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

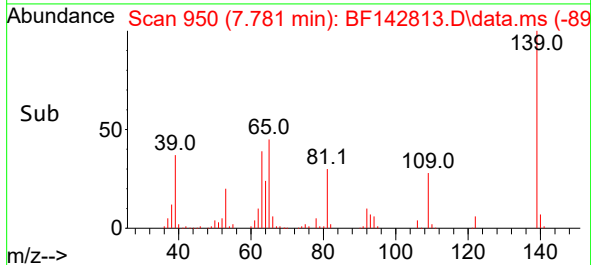
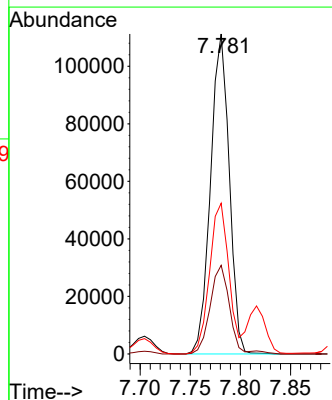
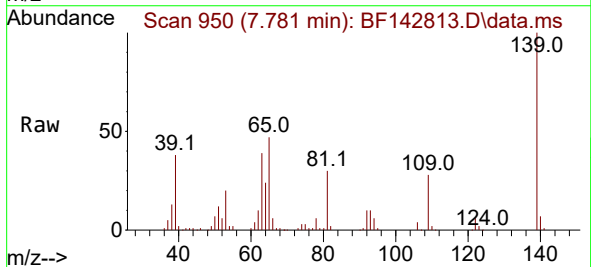
Instrument :
BNA_F
ClientSampleId :
PB168582BS

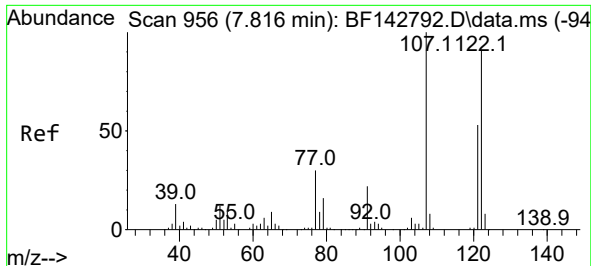
Tgt Ion: 82 Resp: 450133
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.6 16.2 24.4



#26
2-Nitrophenol
Concen: 48.293 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:139 Resp: 144459
Ion Ratio Lower Upper
139 100
109 27.7 22.7 34.1
65 47.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 46.375 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

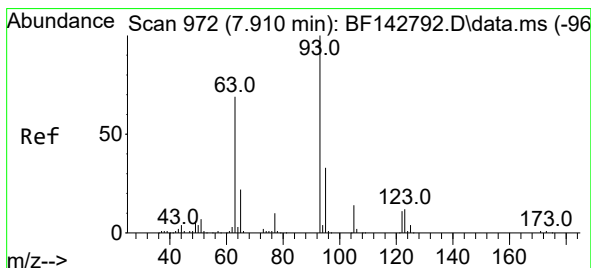
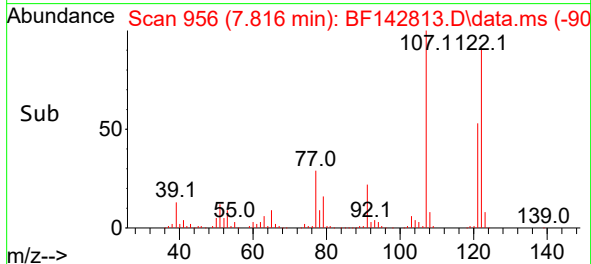
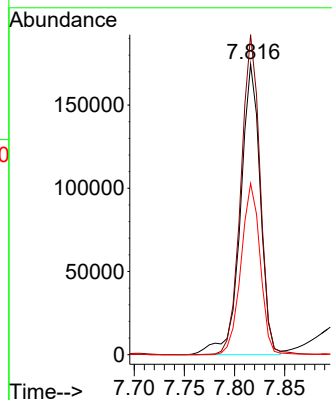
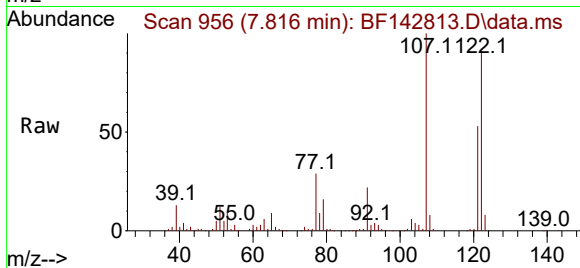
Tgt Ion:122 Resp: 240292

Ion Ratio Lower Upper

122 100

107 110.1 88.0 132.0

121 58.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.063 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

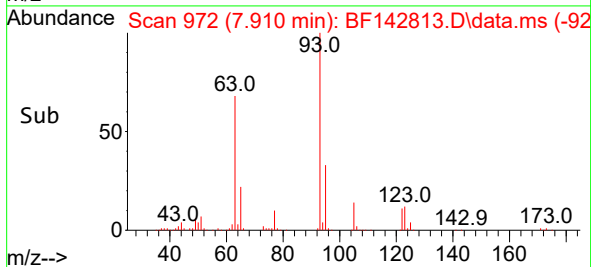
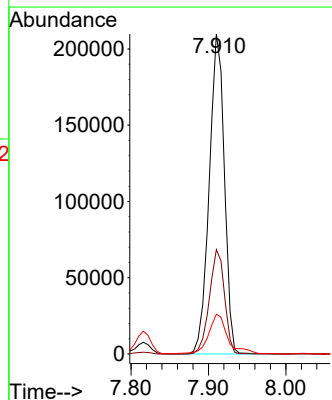
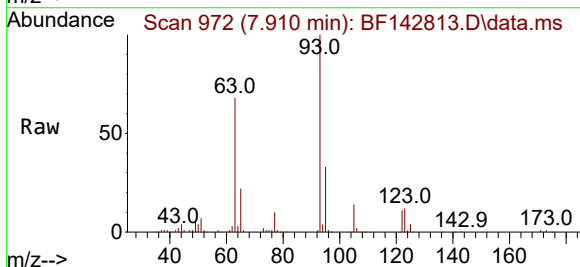
Tgt Ion: 93 Resp: 285010

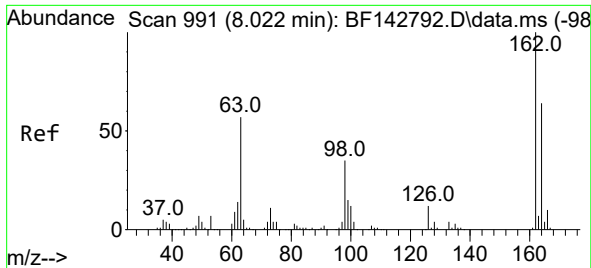
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 47.031 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

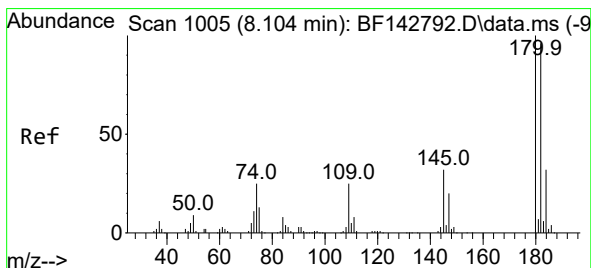
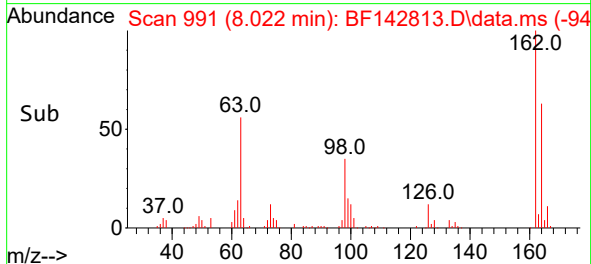
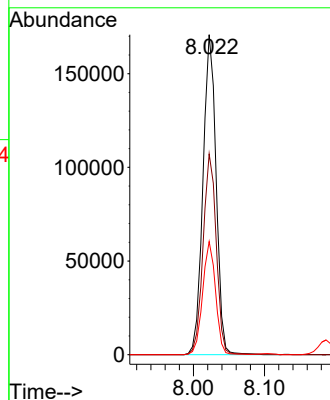
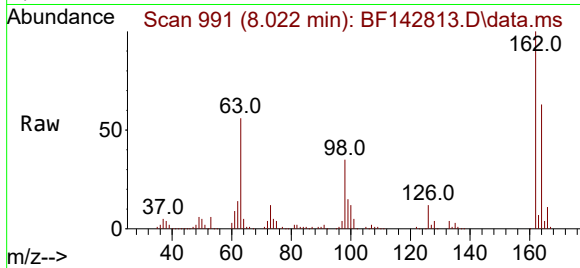
Tgt Ion:162 Resp: 220959

Ion Ratio Lower Upper

162 100

164 62.7 44.0 84.0

98 35.3 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 45.729 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

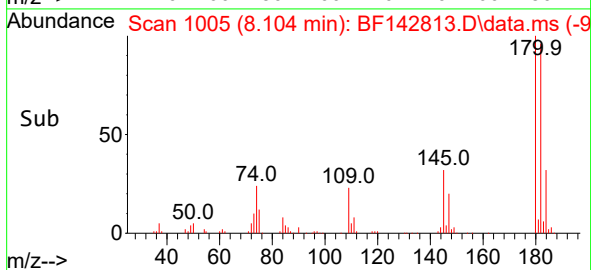
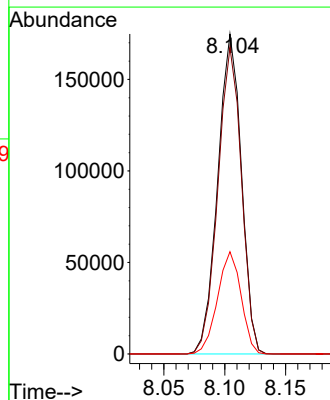
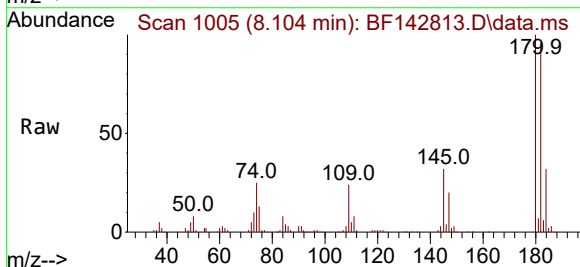
Tgt Ion:180 Resp: 236242

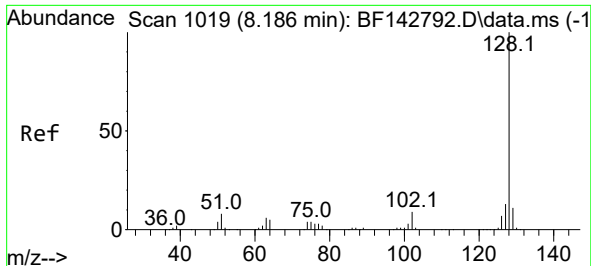
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

145 31.9 25.8 38.8

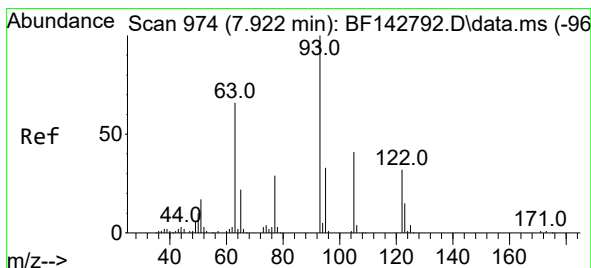
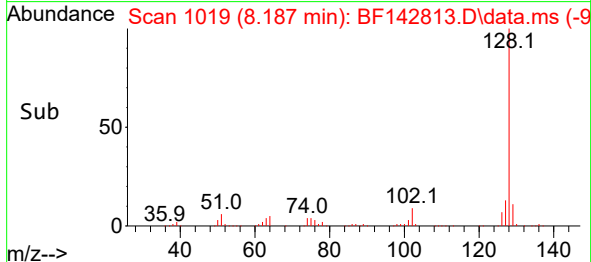
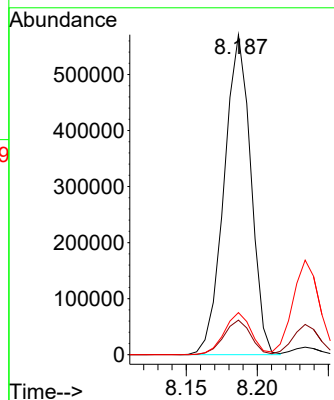
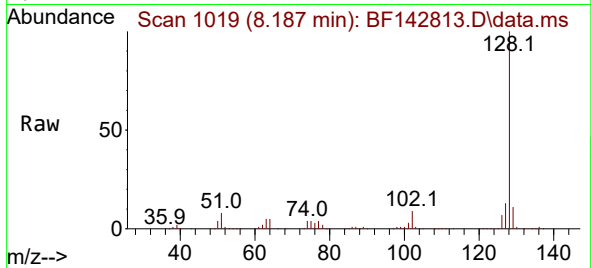




#31
Naphthalene
Concen: 45.732 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

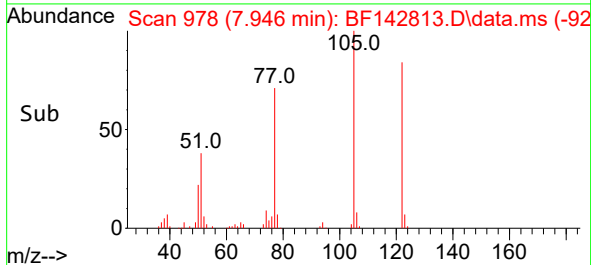
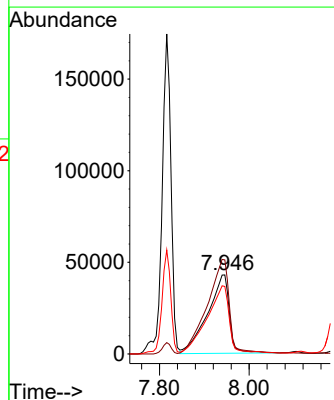
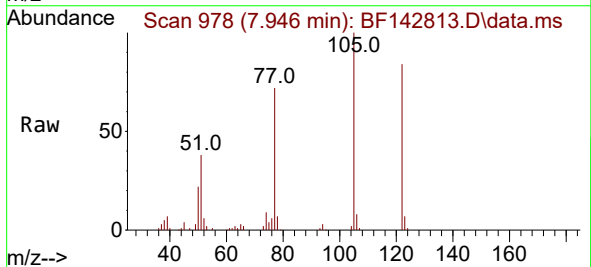
Instrument :
BNA_F
ClientSampleId :
PB168582BS

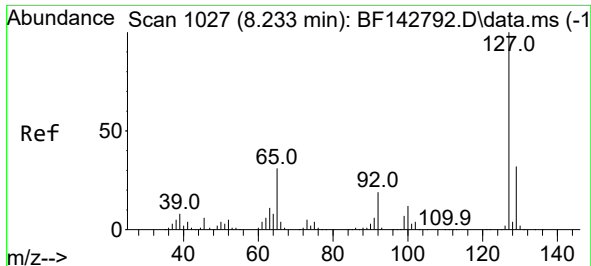
Tgt Ion:128 Resp: 744925
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 54.739 ng
RT: 7.946 min Scan# 978
Delta R.T. 0.024 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:122 Resp: 144562
Ion Ratio Lower Upper
122 100
105 119.2 104.7 144.7
77 85.6 70.2 110.2



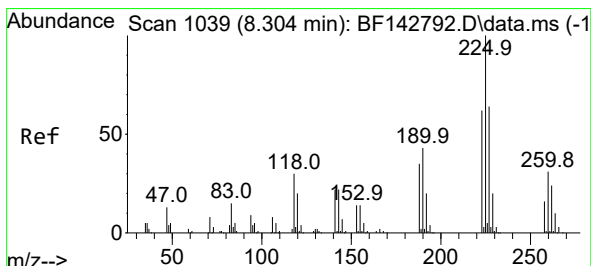
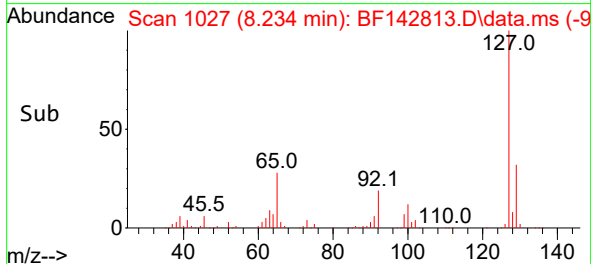
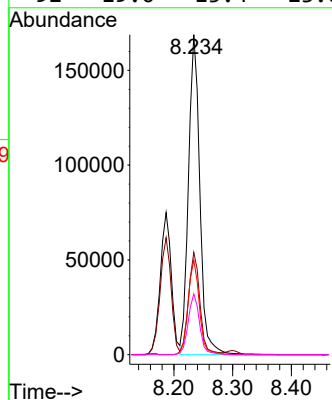
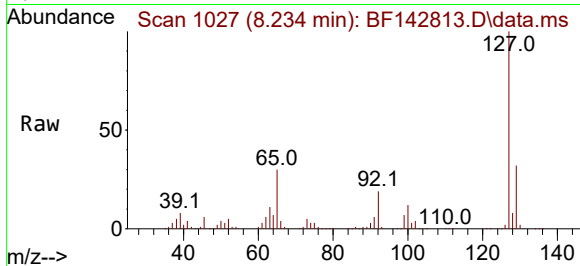


#33
4-Chloroaniline
Concen: 34.327 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB168582BS

Tgt Ion:127 Resp: 227366

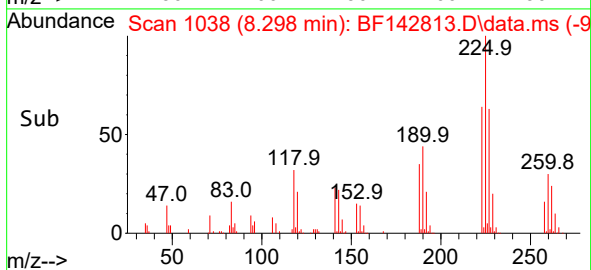
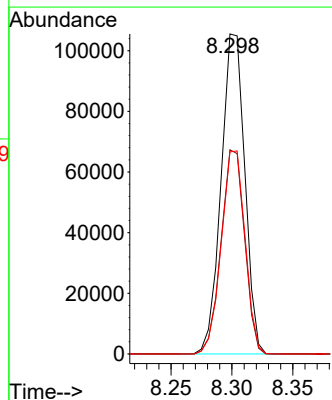
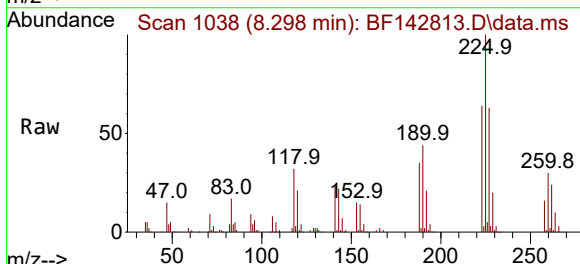
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	29.6	24.6	36.8
92	19.0	15.4	23.0

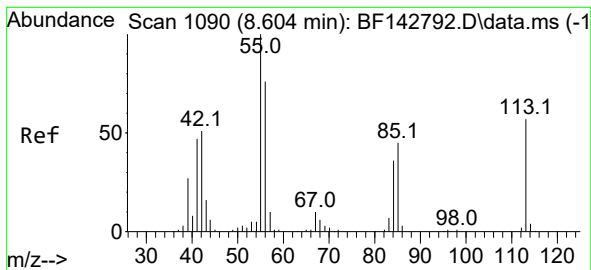


#34
Hexachlorobutadiene
Concen: 45.217 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:225 Resp: 142885

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.9	74.9
227	63.1	51.4	77.0

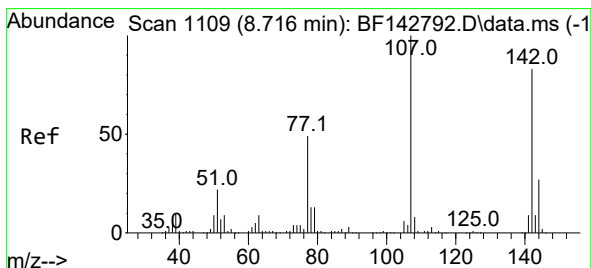
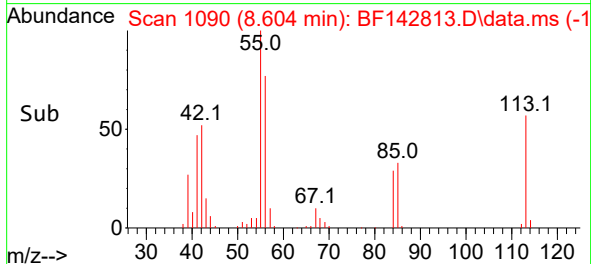
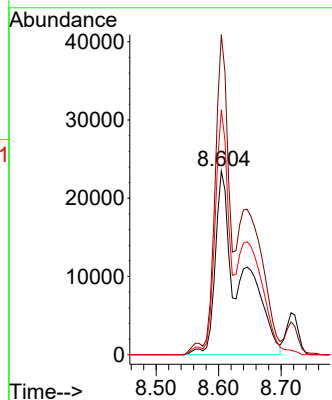
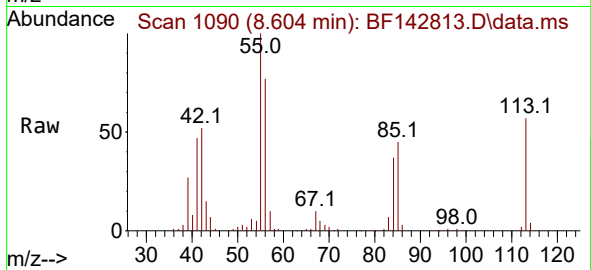




#35
 Caprolactam
 Concen: 53.658 ng m
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142813.D
 Acq: 24 Jun 2025 11:17

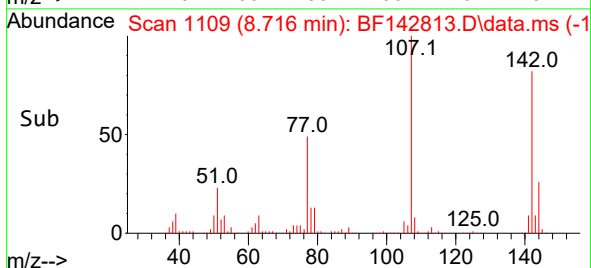
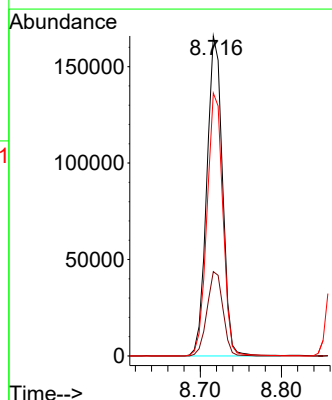
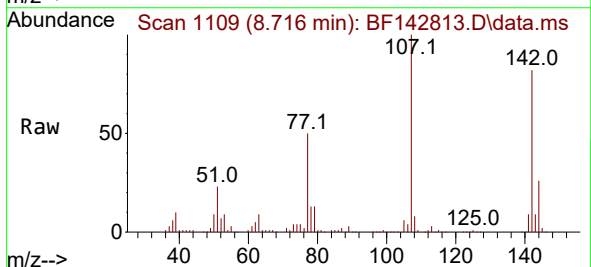
Instrument :
 BNA_F
 ClientSampleId :
 PB168582BS

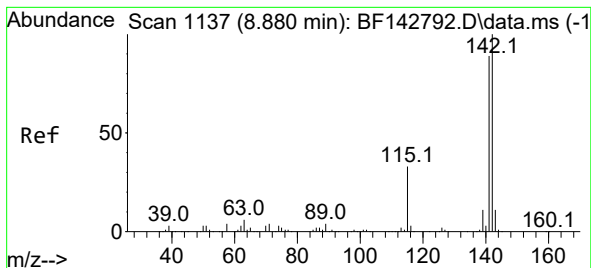
Tgt Ion:113 Resp: 66522
 Ion Ratio Lower Upper
 113 100
 55 174.3 154.4 194.4
 56 133.4 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.632 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142813.D
 Acq: 24 Jun 2025 11:17

Tgt Ion:107 Resp: 222403
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.3 31.9
 142 82.1 66.6 100.0





#37

2-Methylnaphthalene

Concen: 46.471 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

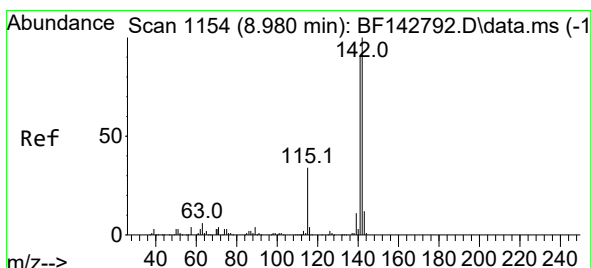
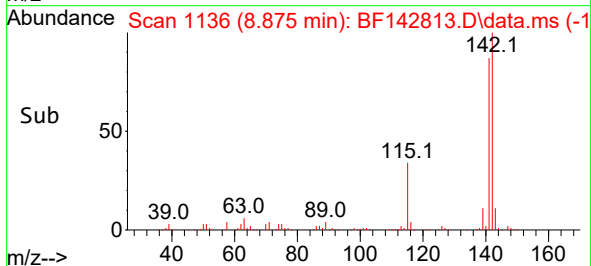
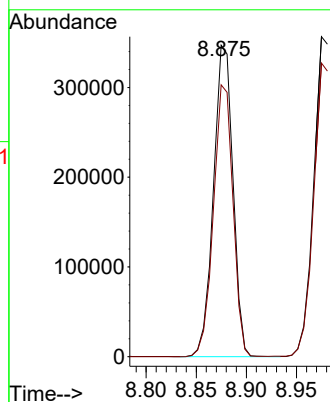
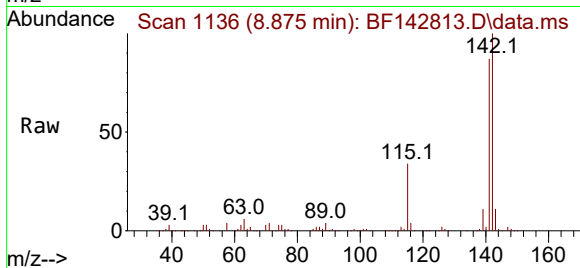
PB168582BS

Tgt Ion:142 Resp: 469295

Ion Ratio Lower Upper

142 100

141 87.2 70.9 106.3



#38

1-Methylnaphthalene

Concen: 46.143 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142813.D

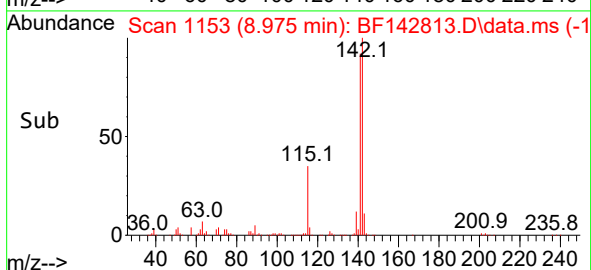
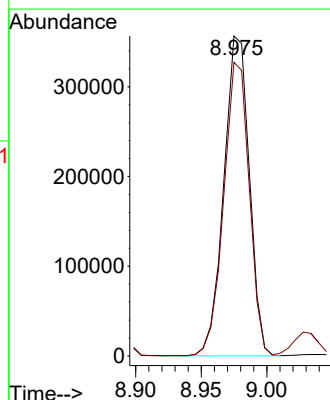
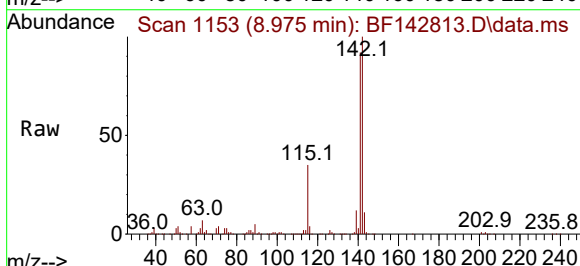
Acq: 24 Jun 2025 11:17

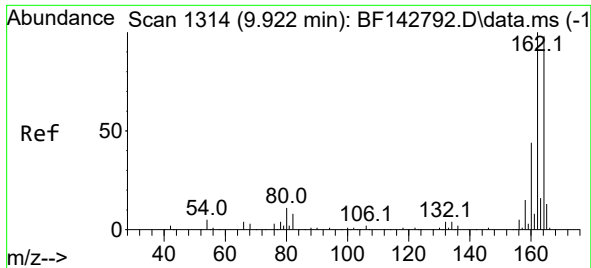
Tgt Ion:142 Resp: 482375

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.4

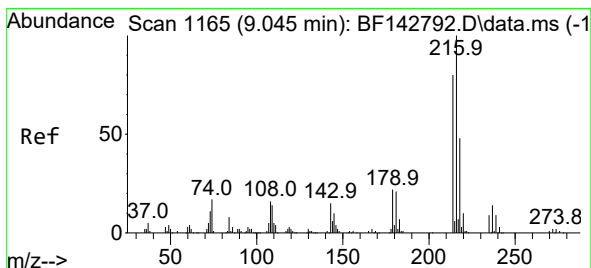
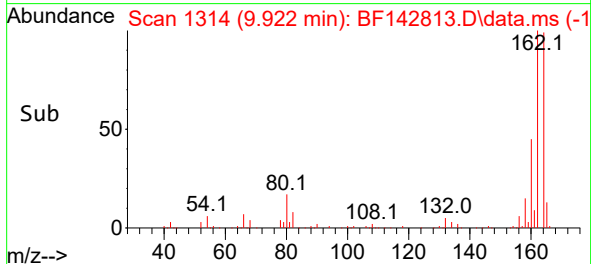
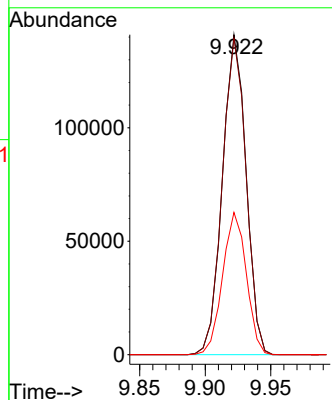
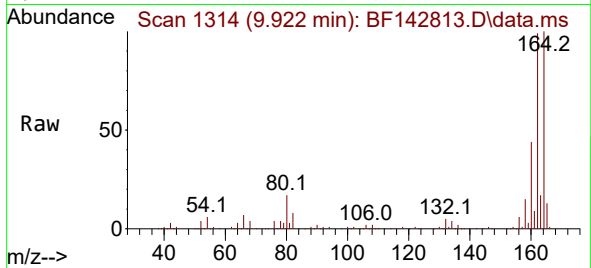




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

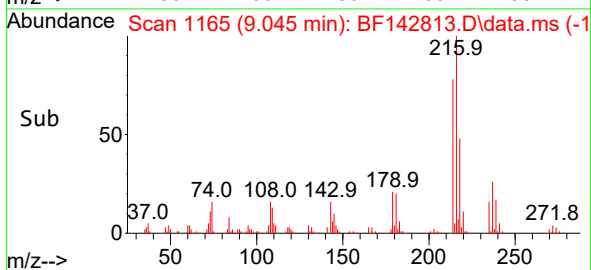
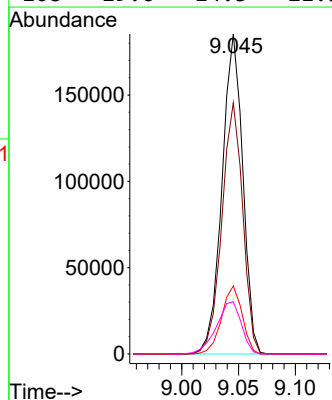
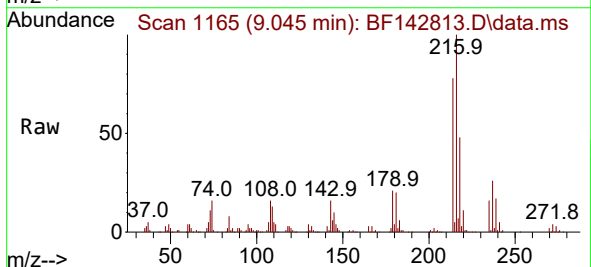
Instrument :
BNA_F
ClientSampleId :
PB168582BS

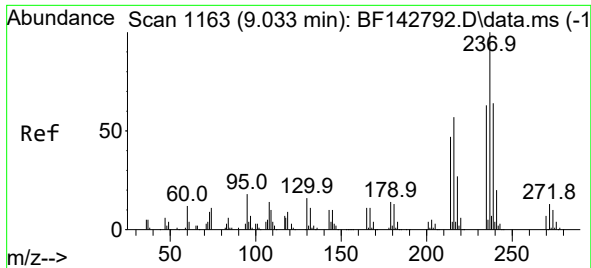
Tgt Ion:164 Resp: 176728
Ion Ratio Lower Upper
164 100
162 98.9 81.8 122.8
160 44.4 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.129 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:216 Resp: 235333
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 21.1 17.6 26.4
108 19.6 14.3 21.5

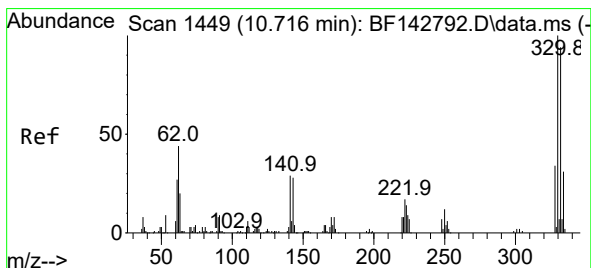
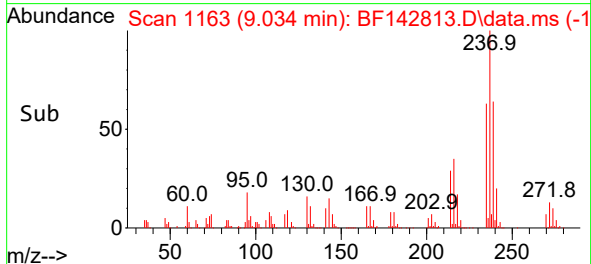
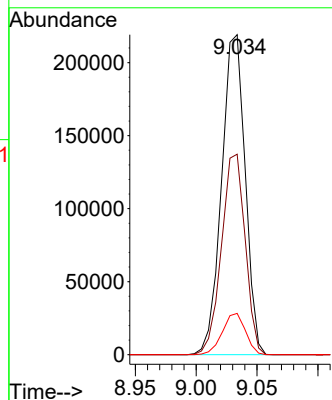
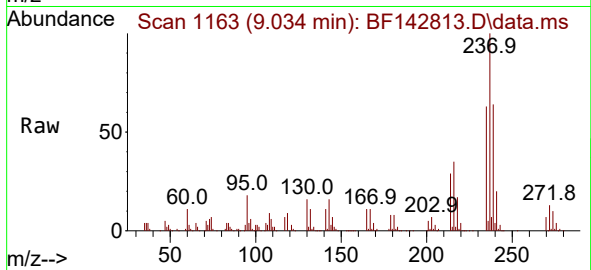




#41
Hexachlorocyclopentadiene
Concen: 99.826 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

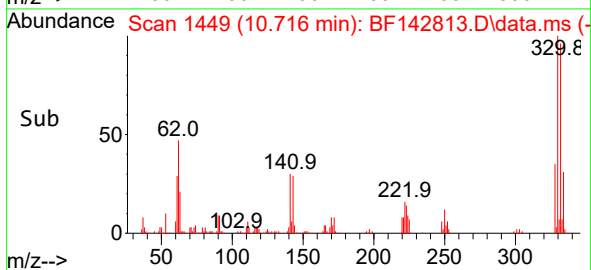
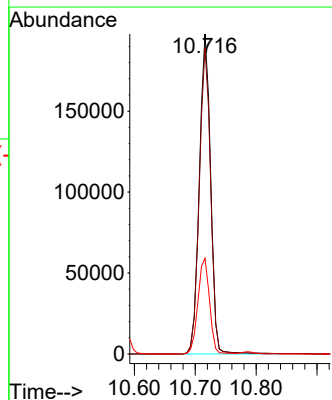
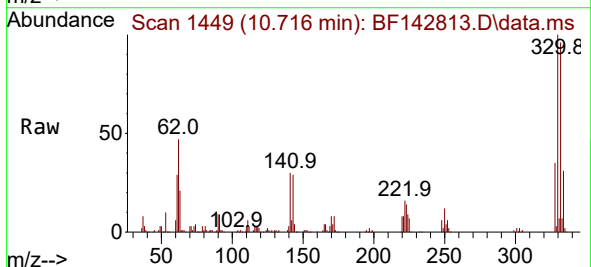
Instrument :
BNA_F
ClientSampleId :
PB168582BS

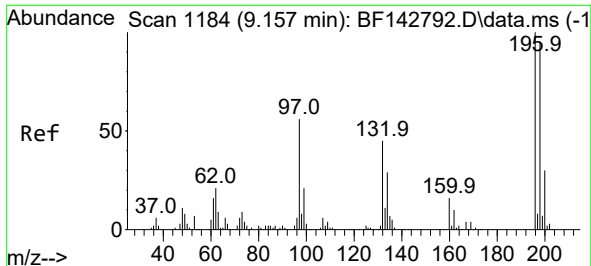
Tgt Ion:237 Resp: 295408
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 12.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 140.241 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:330 Resp: 255049
Ion Ratio Lower Upper
330 100
332 96.4 75.0 112.6
141 30.7 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 45.557 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

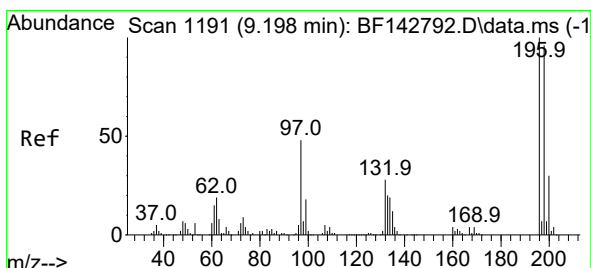
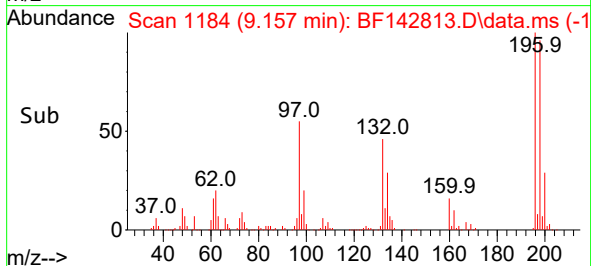
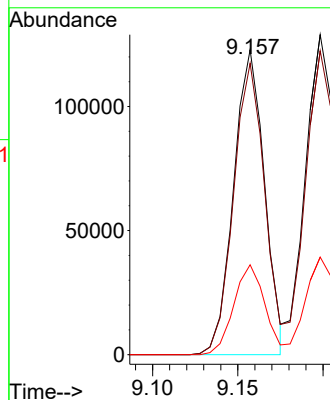
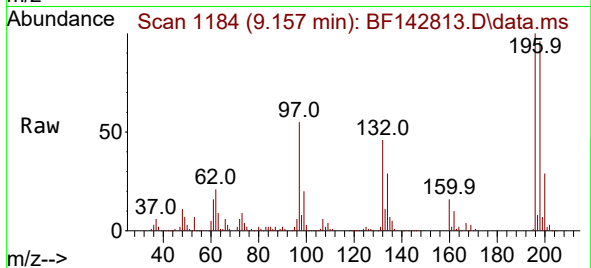
Tgt Ion:196 Resp: 154803

Ion Ratio Lower Upper

196 100

198 95.5 76.2 114.2

200 29.5 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 47.157 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Tgt Ion:196 Resp: 168681

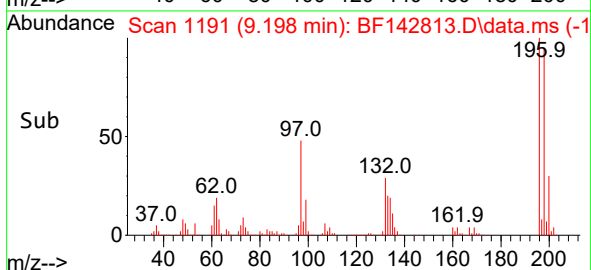
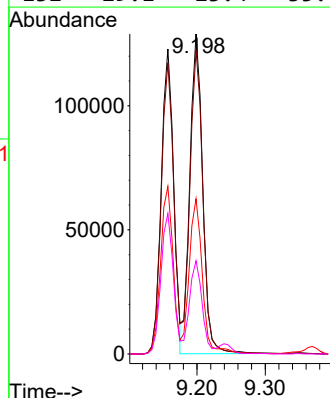
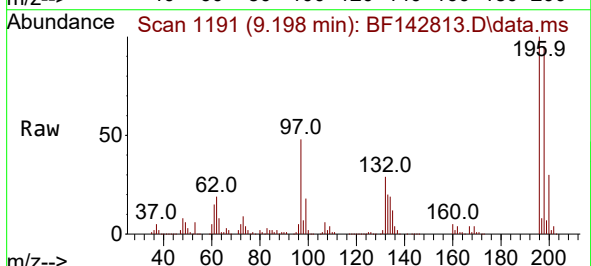
Ion Ratio Lower Upper

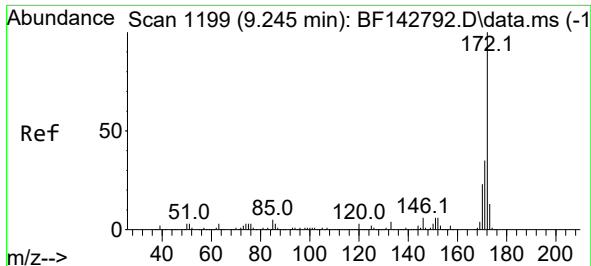
196 100

198 94.9 76.6 115.0

97 48.5 38.2 57.2

132 29.1 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 79.595 ng

RT: 9.240 min Scan# 1199

Delta R.T. -0.005 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

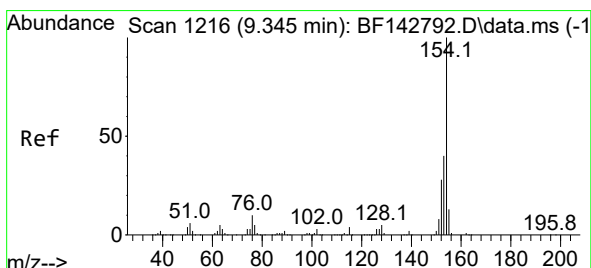
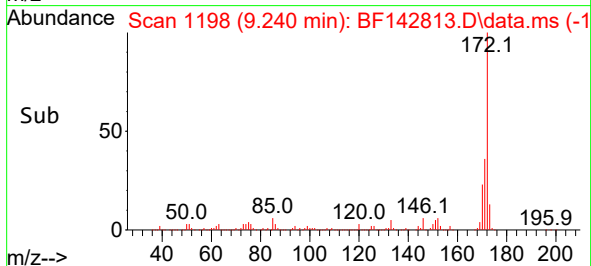
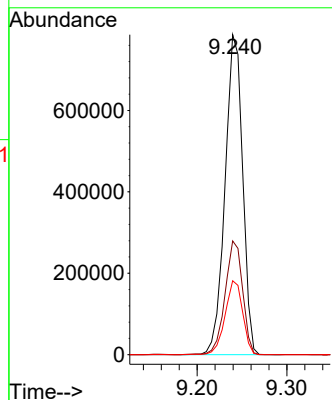
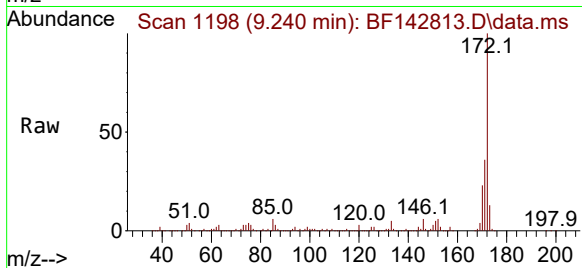
Tgt Ion:172 Resp: 1070792

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.1 18.5 27.7



#46

1,1'-Biphenyl

Concen: 45.378 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

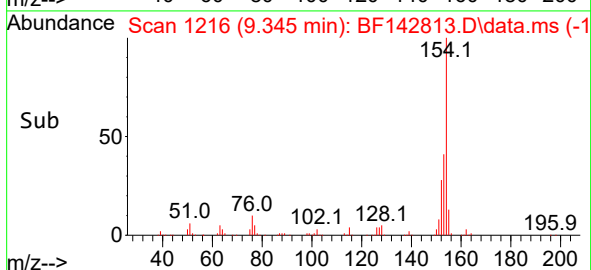
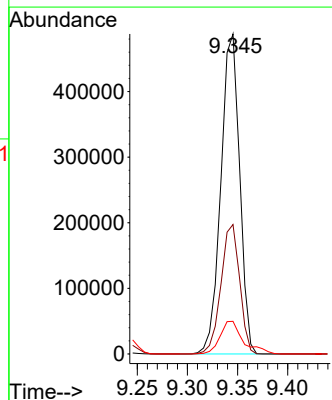
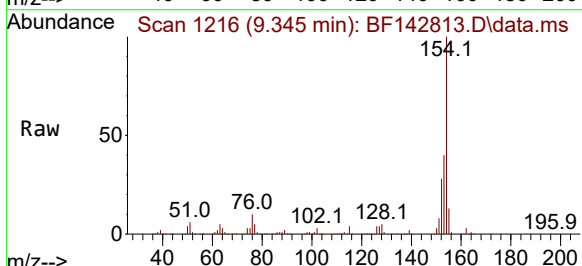
Tgt Ion:154 Resp: 633495

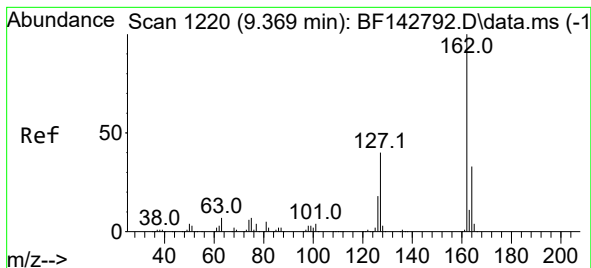
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 10.2 0.0 30.3





#47

2-Chloronaphthalene

Concen: 44.537 ng

RT: 9.369 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

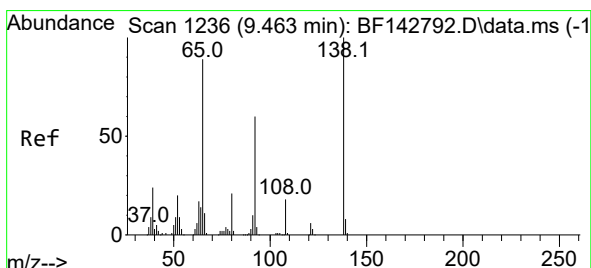
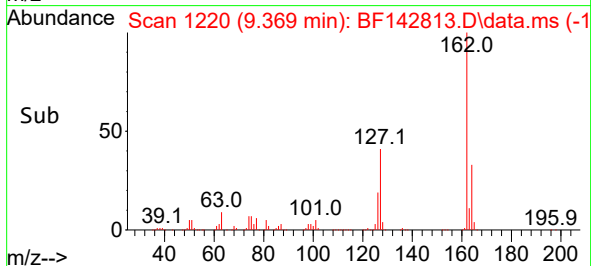
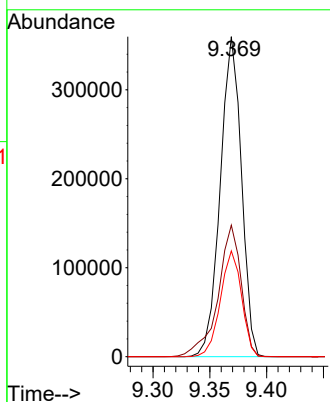
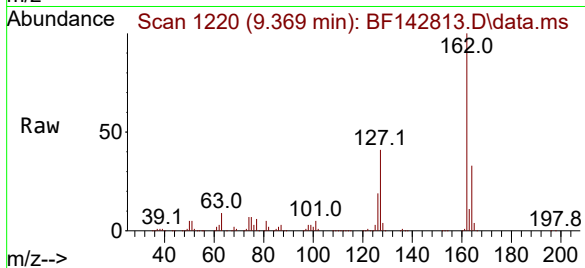
Tgt Ion:162 Resp: 466586

Ion Ratio Lower Upper

162 100

127 41.1 32.2 48.2

164 33.1 26.1 39.1



#48

2-Nitroaniline

Concen: 48.581 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

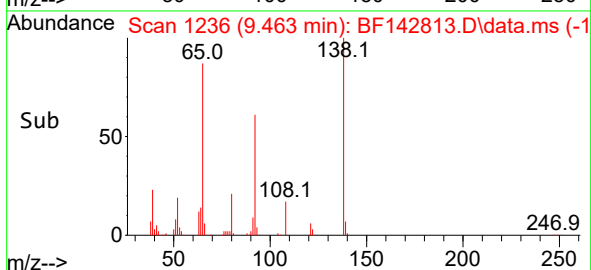
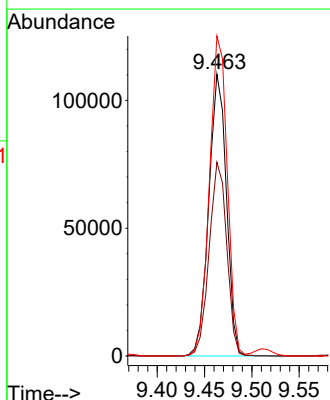
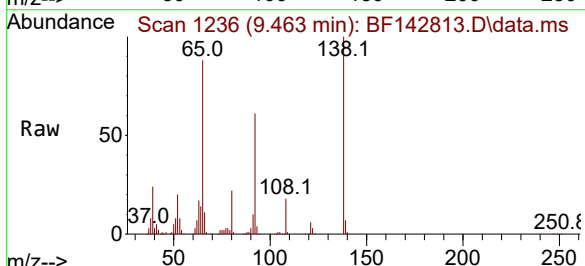
Tgt Ion: 65 Resp: 142687

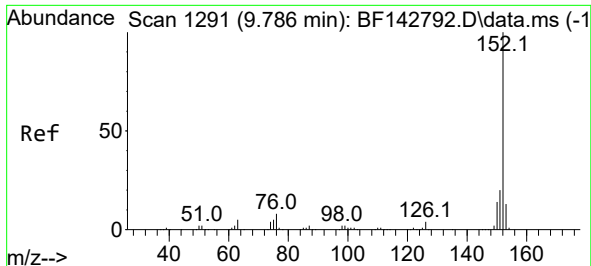
Ion Ratio Lower Upper

65 100

92 68.7 53.8 80.6

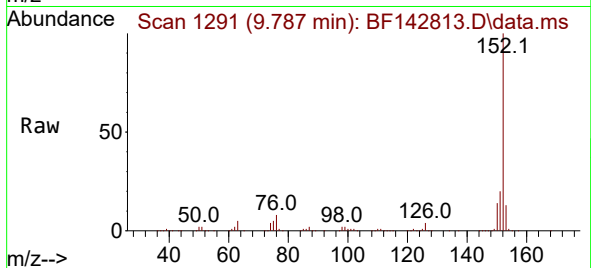
138 113.5 89.6 134.4



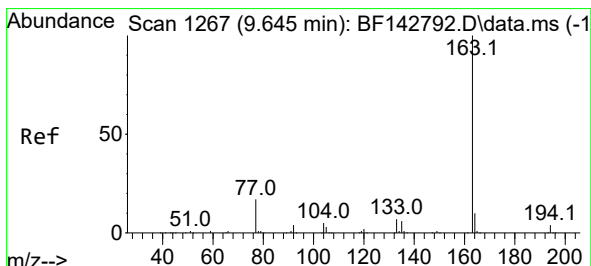
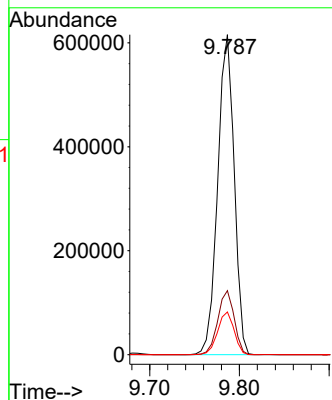
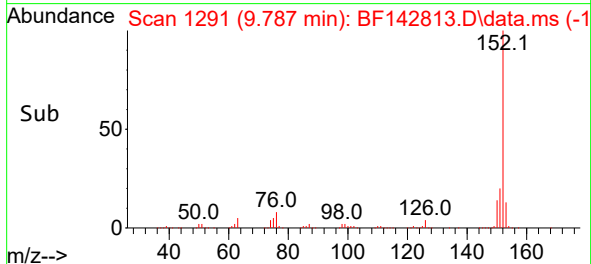


#49
Acenaphthylene
Concen: 45.557 ng
RT: 9.787 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

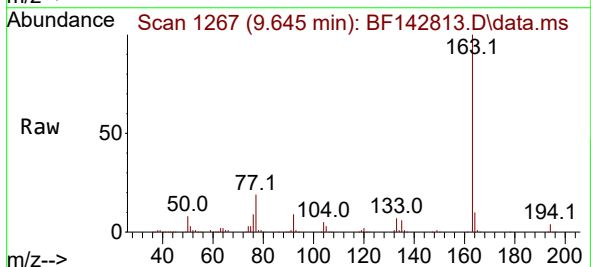
Instrument :
BNA_F
ClientSampleId :
PB168582BS



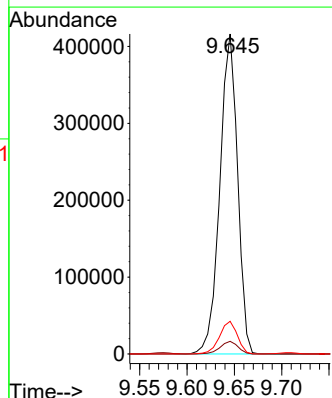
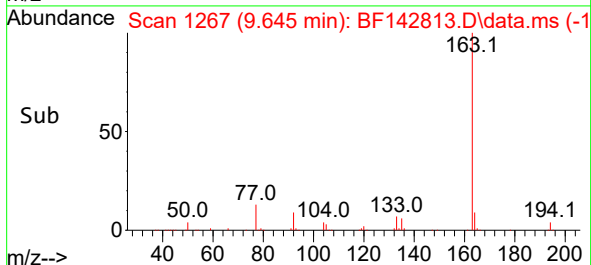
Tgt Ion:152 Resp: 785696
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.3 10.4 15.6

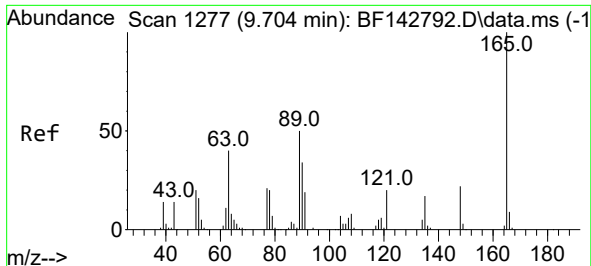


#50
Dimethylphthalate
Concen: 47.407 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17



Tgt Ion:163 Resp: 542318
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.0 12.0

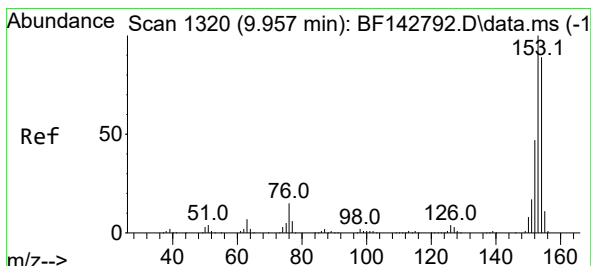
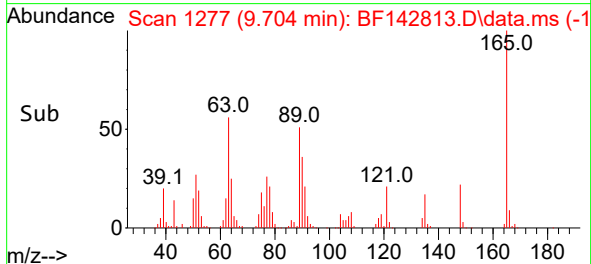
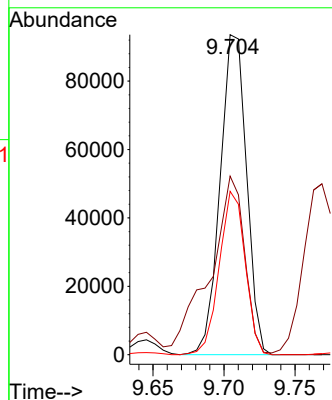
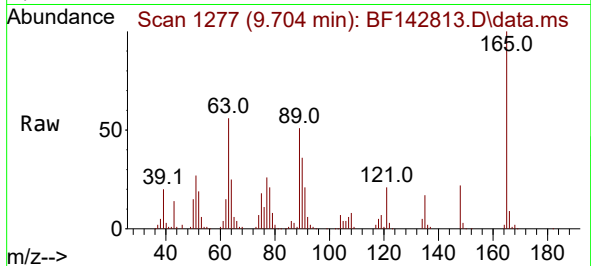




#51
2,6-Dinitrotoluene
Concen: 48.282 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

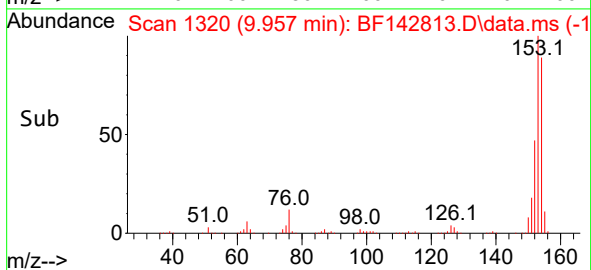
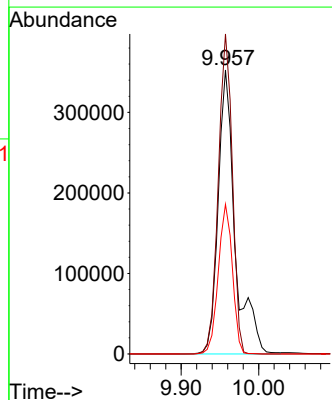
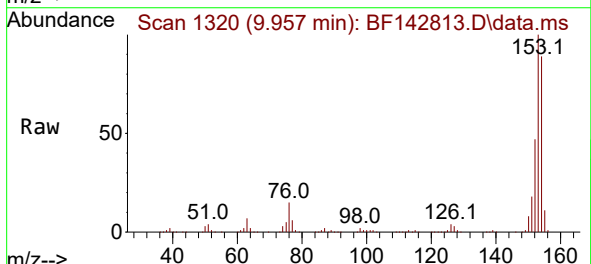
Instrument :
BNA_F
ClientSampleId :
PB168582BS

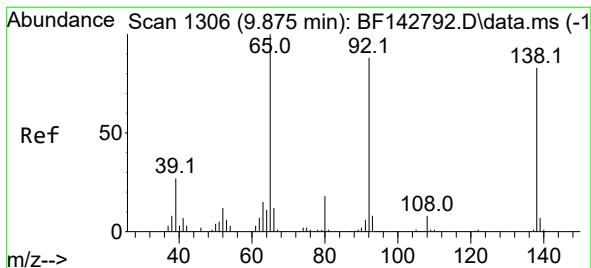
Tgt Ion:165 Resp: 121297
Ion Ratio Lower Upper
165 100
63 55.8 44.2 66.4
89 51.0 39.8 59.8



#52
Acenaphthene
Concen: 50.969 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:154 Resp: 536313
Ion Ratio Lower Upper
154 100
153 112.7 90.0 135.0
152 52.6 41.9 62.9





#53

3-Nitroaniline

Concen: 37.296 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

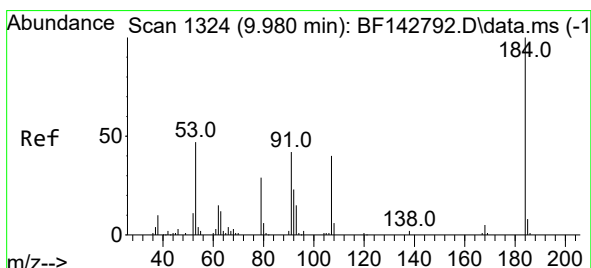
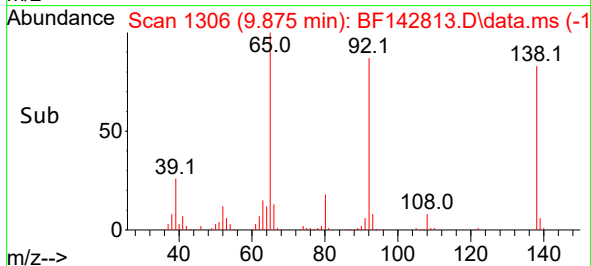
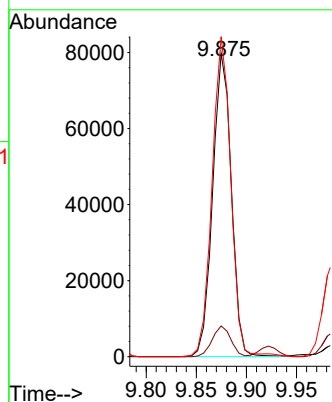
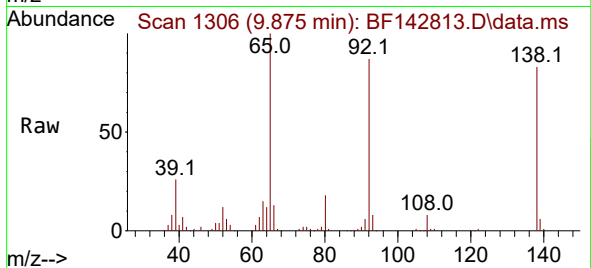
Tgt Ion:138 Resp: 103160

Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

92 105.5 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 120.487 ng

RT: 9.987 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

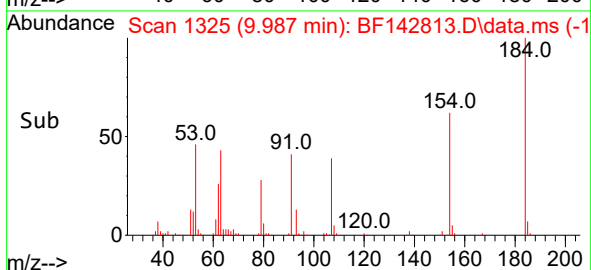
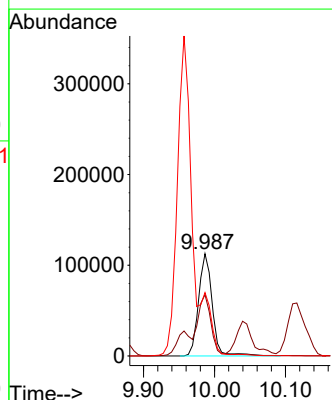
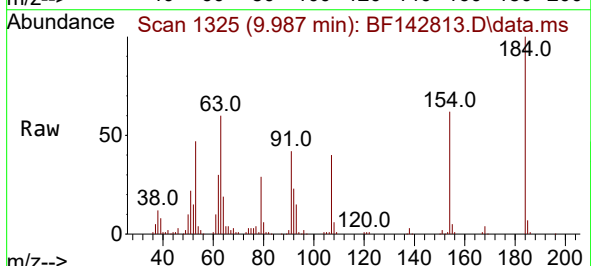
Tgt Ion:184 Resp: 151565

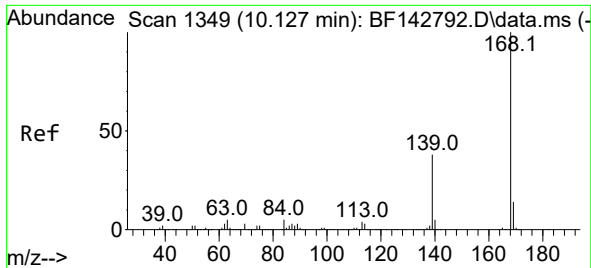
Ion Ratio Lower Upper

184 100

63 60.0 50.6 75.8

154 62.0 51.8 77.8

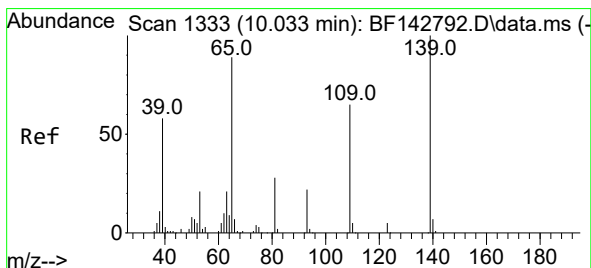
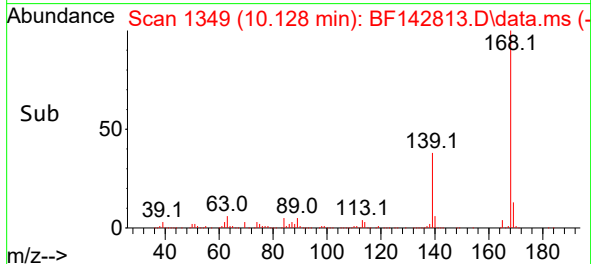
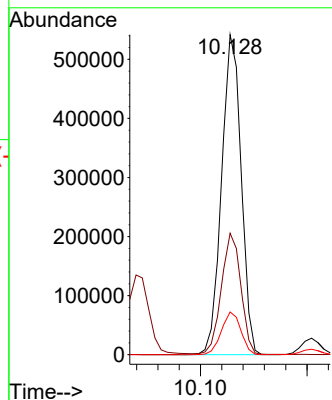
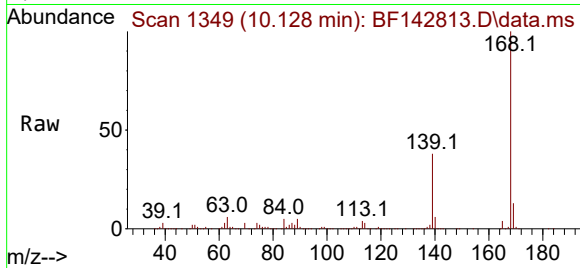




#55
Dibenzofuran
Concen: 45.698 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

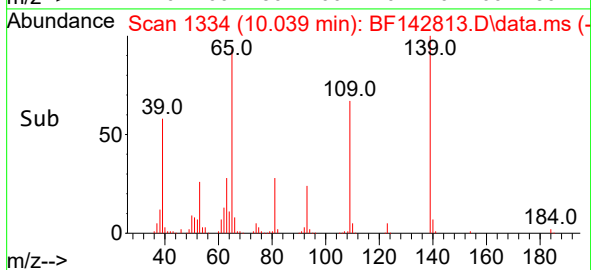
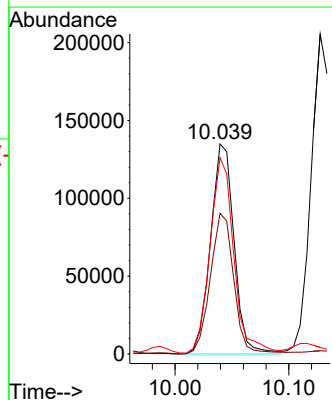
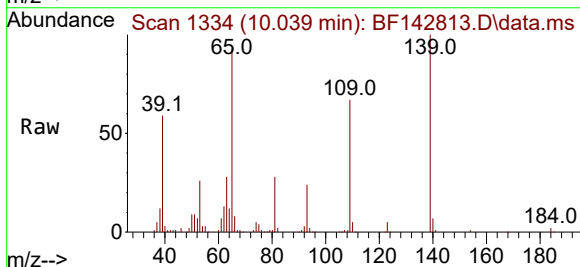
Instrument :
BNA_F
ClientSampleId :
PB168582BS

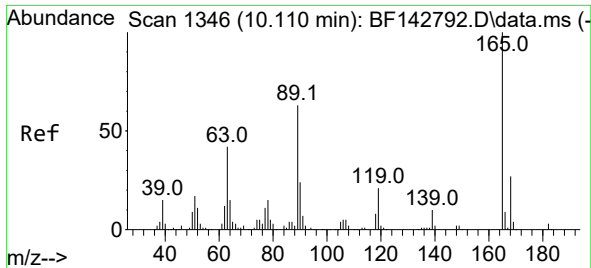
Tgt Ion:168 Resp: 689529
Ion Ratio Lower Upper
168 100
139 37.9 30.2 45.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 102.360 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:139 Resp: 193832
Ion Ratio Lower Upper
139 100
109 67.0 44.7 84.7
65 93.4 69.8 109.8

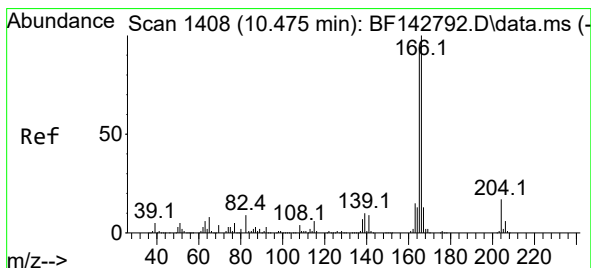
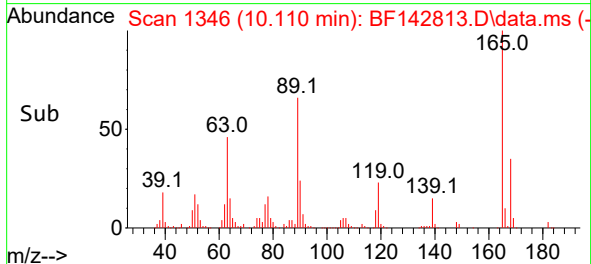
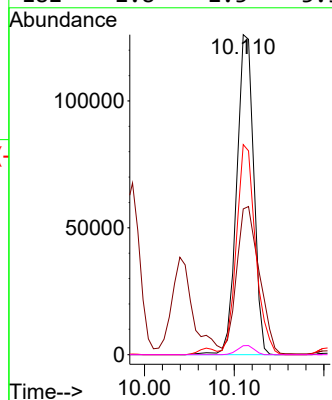
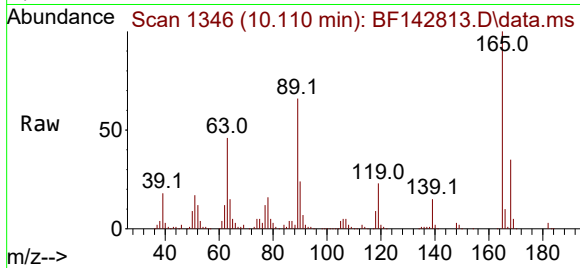




#57
2,4-Dinitrotoluene
Concen: 49.917 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

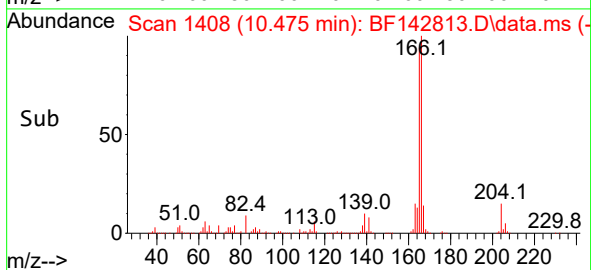
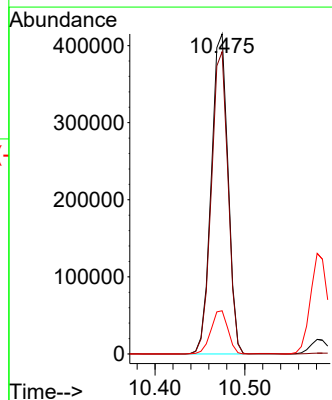
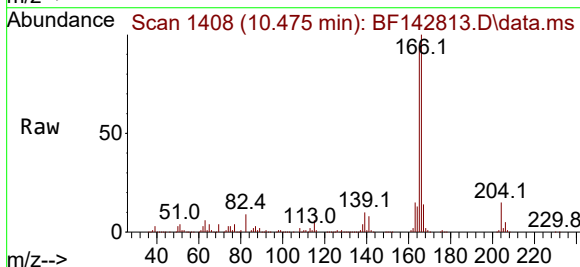
Instrument :
BNA_F
ClientSampleId :
PB168582BS

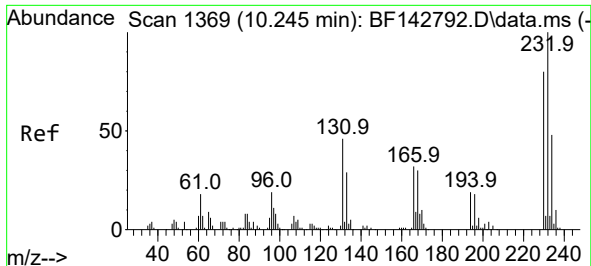
Tgt Ion:165 Resp: 166576
Ion Ratio Lower Upper
165 100
63 45.6 33.9 50.9
89 65.6 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 45.684 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:166 Resp: 538352
Ion Ratio Lower Upper
166 100
165 94.5 75.2 112.8
167 13.5 10.6 15.8

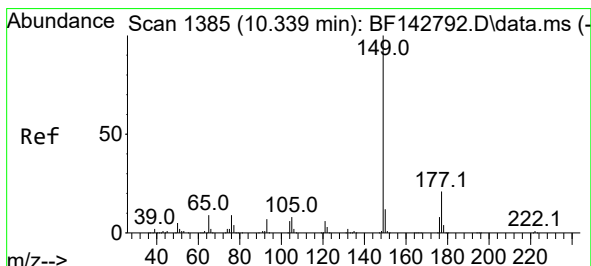
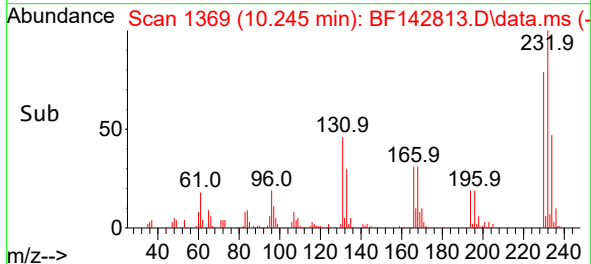
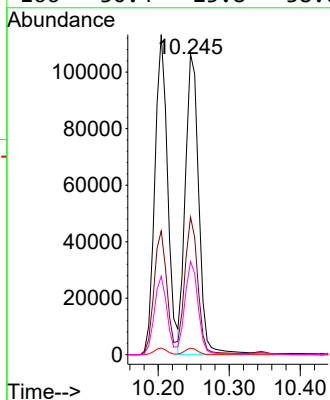
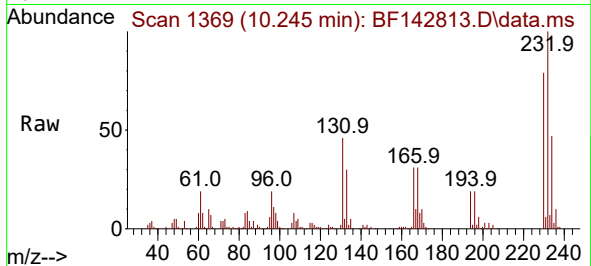




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.152 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

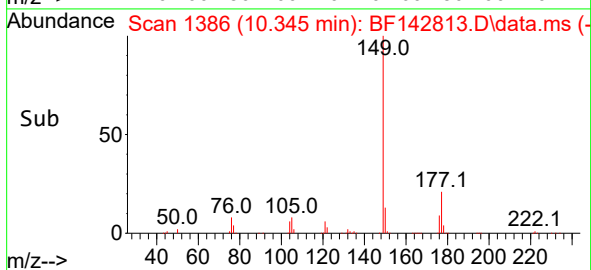
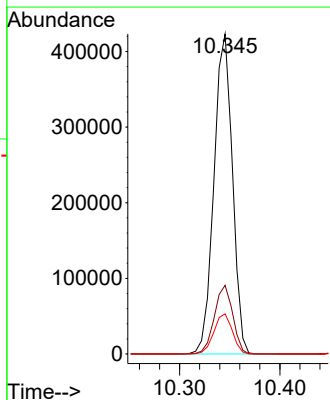
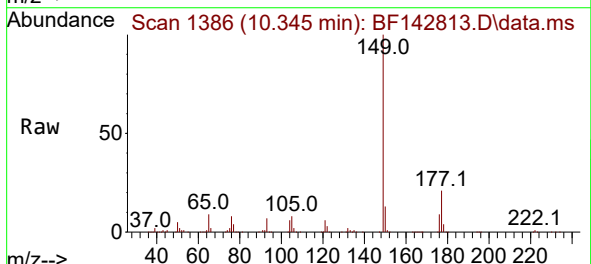
Instrument :
BNA_F
ClientSampleId :
PB168582BS

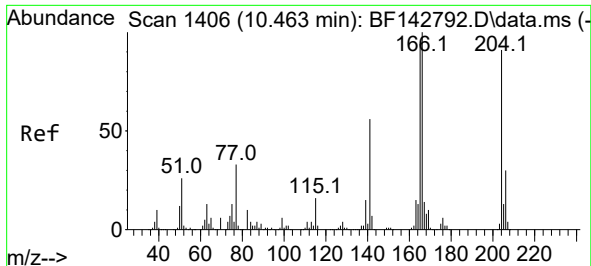
Tgt Ion:232 Resp: 138836
Ion Ratio Lower Upper
232 100
131 45.9 37.6 56.4
130 2.1 1.7 2.5
166 30.4 25.8 38.6



#60
Diethylphthalate
Concen: 48.188 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:149 Resp: 540496
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.6 9.8 14.6

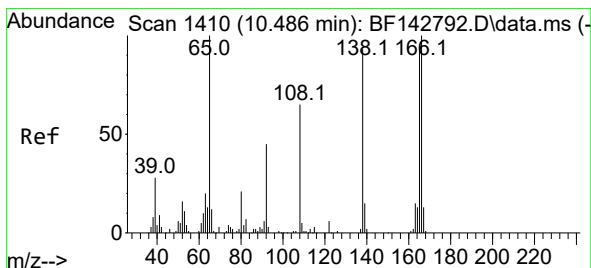
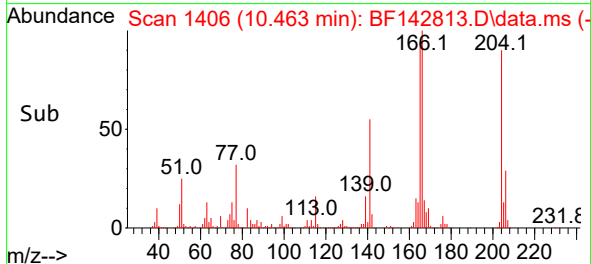
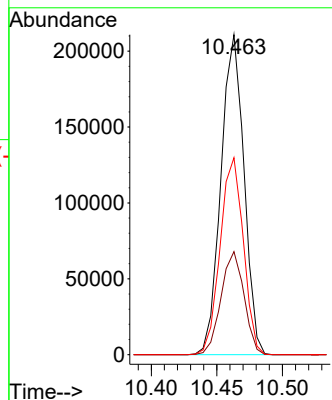
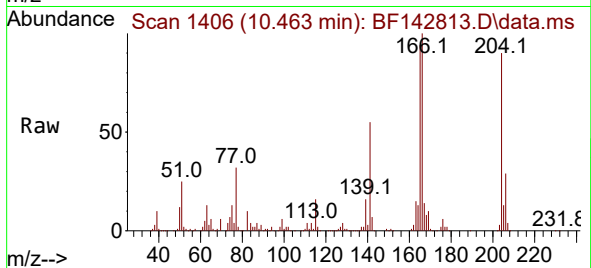




#61
4-Chlorophenyl-phenylether
Concen: 45.773 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

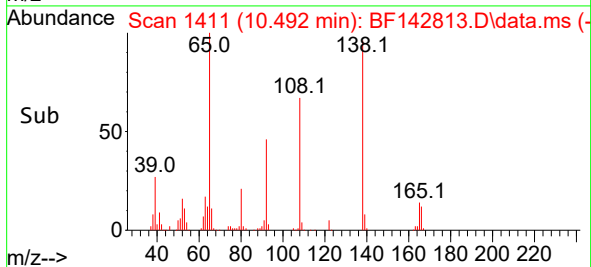
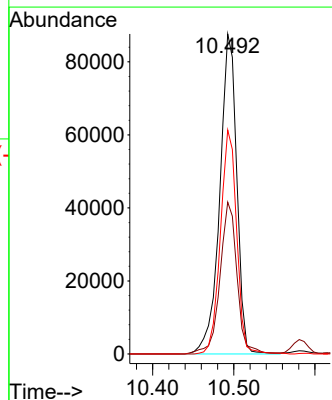
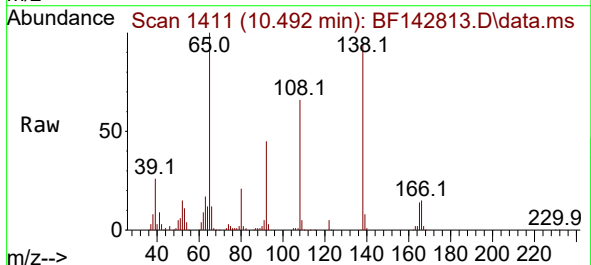
Instrument :
BNA_F
ClientSampleId :
PB168582BS

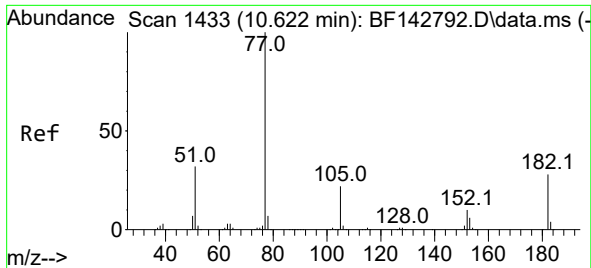
Tgt Ion:204 Resp: 257391
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 61.6 49.1 73.7



#62
4-Nitroaniline
Concen: 50.586 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:138 Resp: 127969
Ion Ratio Lower Upper
138 100
92 47.4 28.4 68.4
108 70.0 50.2 90.2

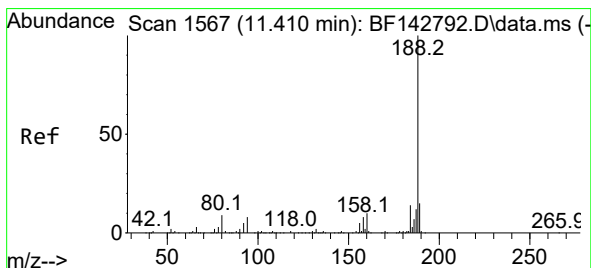
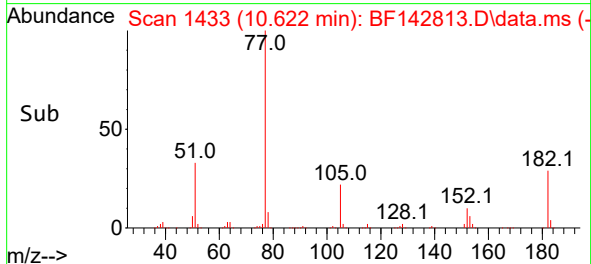
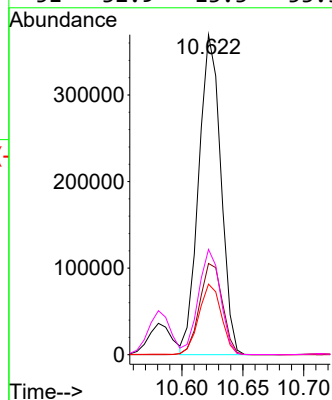
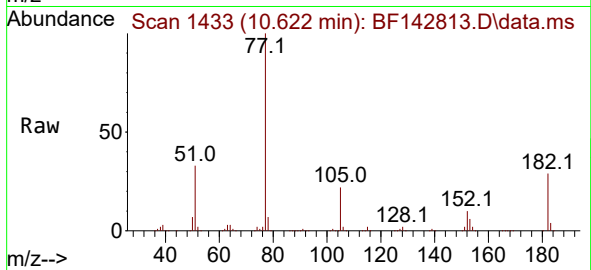




#63
Azobenzene
Concen: 46.539 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

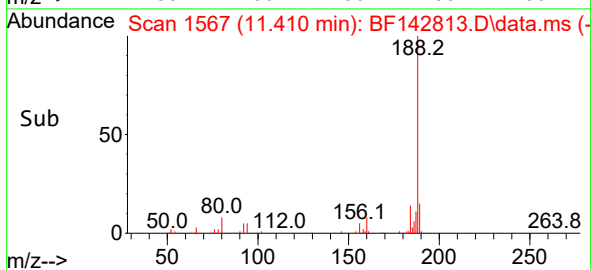
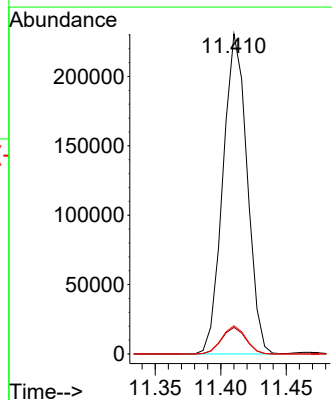
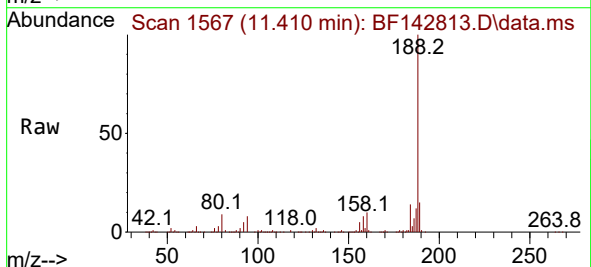
Instrument :
BNA_F
ClientSampleId :
PB168582BS

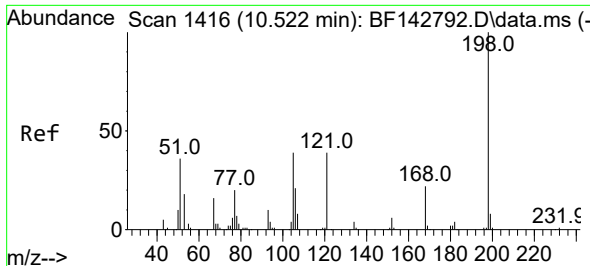
Tgt Ion: 77	Resp: 466549
Ion Ratio	Lower Upper
77 100	
182 28.5	7.7 47.7
105 22.0	1.9 41.9
51 32.9	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:188	Resp: 296244
Ion Ratio	Lower Upper
188 100	
94 8.3	6.7 10.1
80 8.8	6.9 10.3

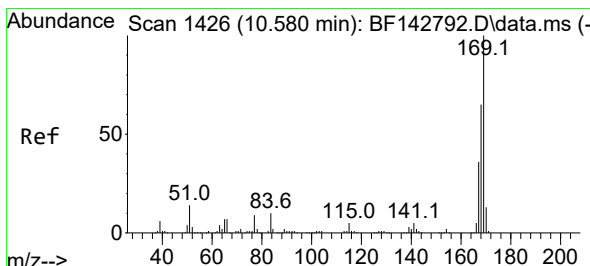
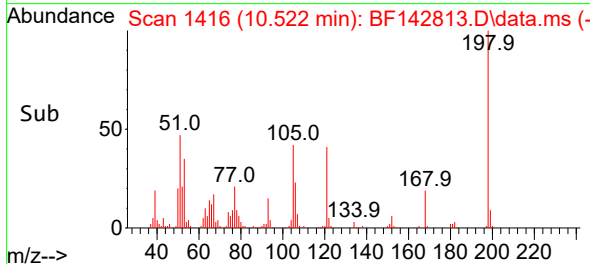
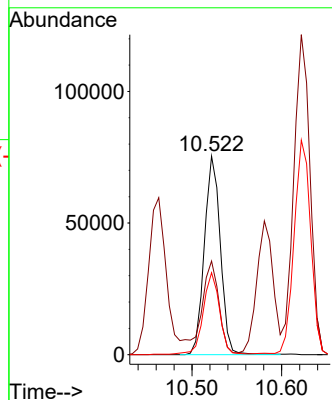
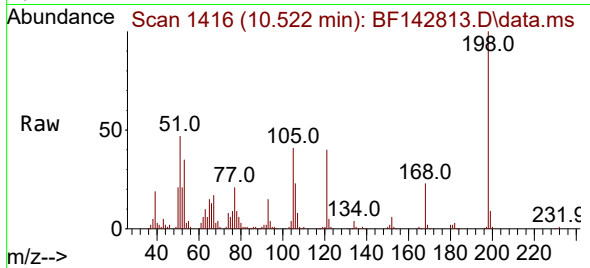




#65
4,6-Dinitro-2-methylphenol
Concen: 52.199 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

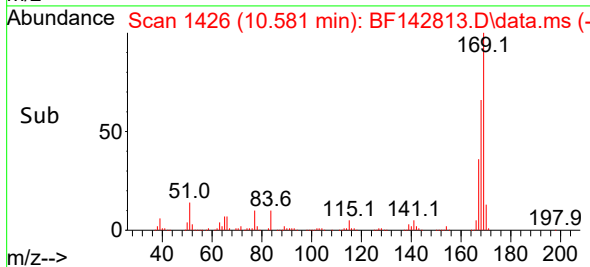
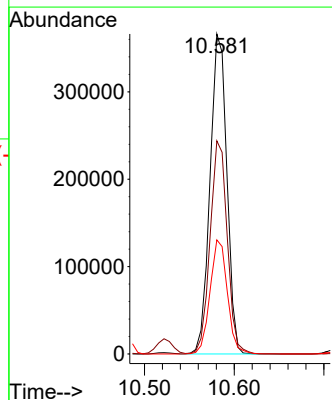
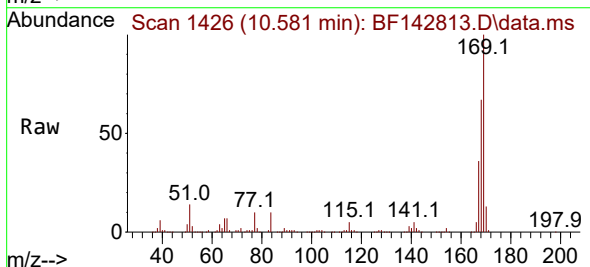
Instrument :
BNA_F
ClientSampleId :
PB168582BS

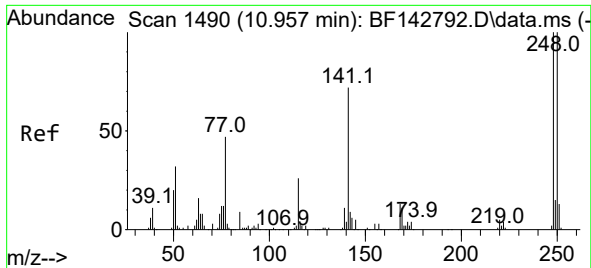
Tgt Ion:198 Resp: 93535
Ion Ratio Lower Upper
198 100
51 47.2 25.4 65.4
105 41.2 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 46.409 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:169 Resp: 476483
Ion Ratio Lower Upper
169 100
168 66.6 51.9 77.9
167 35.7 28.5 42.7

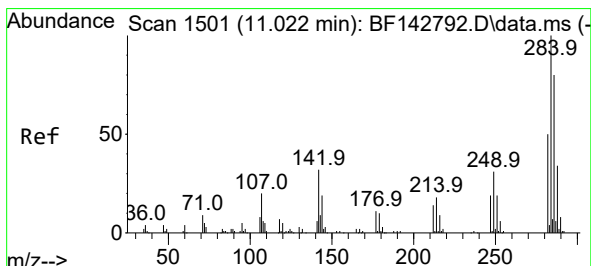
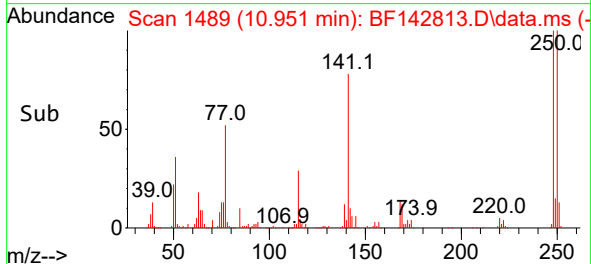
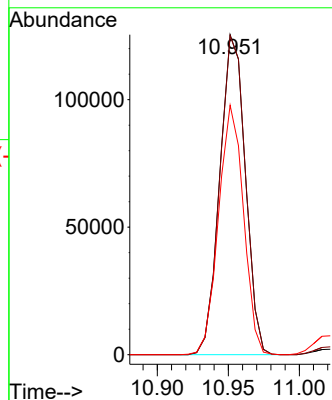
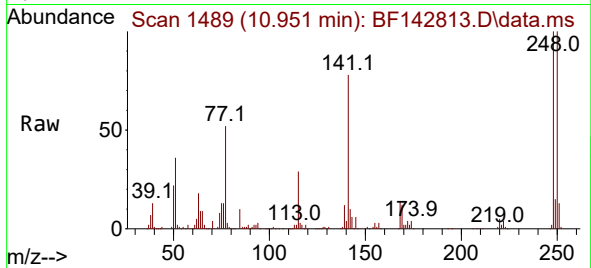




#67
4-Bromophenyl-phenylether
Concen: 46.573 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

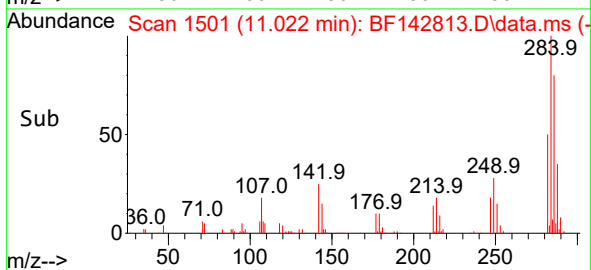
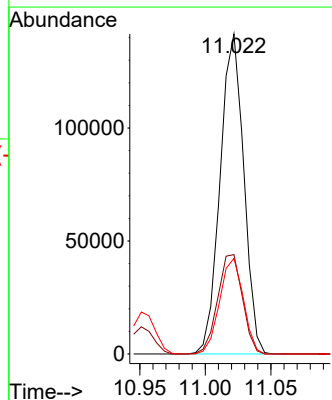
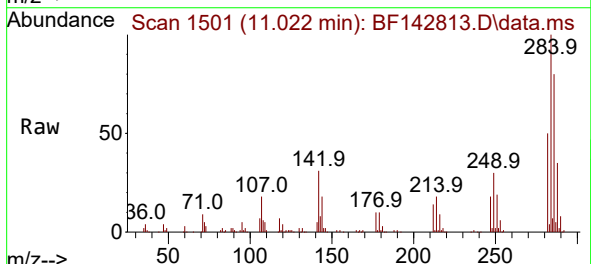
Instrument :
BNA_F
ClientSampleId :
PB168582BS

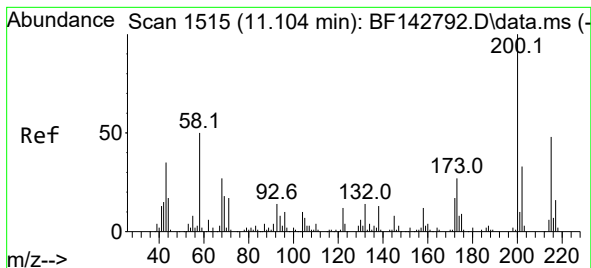
Tgt Ion:248 Resp: 157021
Ion Ratio Lower Upper
248 100
250 99.7 79.8 119.8
141 78.0 57.8 86.6



#68
Hexachlorobenzene
Concen: 47.330 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:284 Resp: 177313
Ion Ratio Lower Upper
284 100
142 31.1 25.5 38.3
249 29.8 24.9 37.3





#69

Atrazine

Concen: 52.729 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

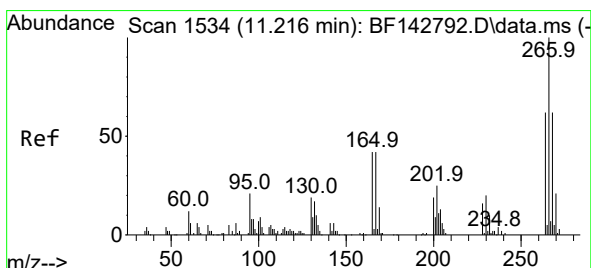
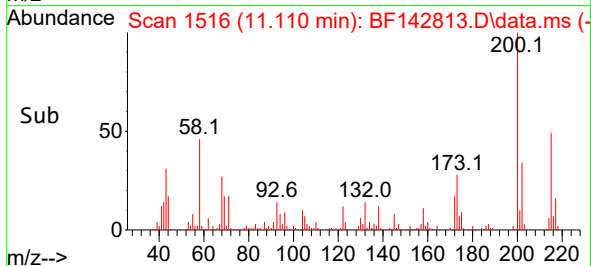
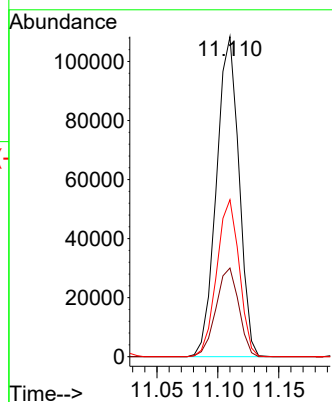
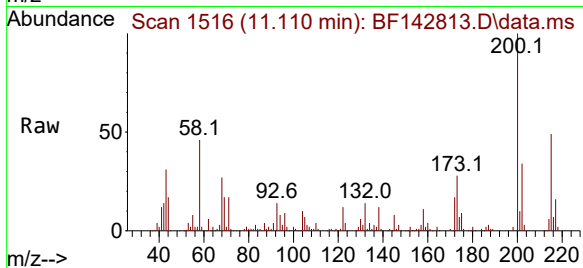
Tgt Ion:200 Resp: 139801

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

215 49.0 28.4 68.4



#70

Pentachlorophenol

Concen: 102.973 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

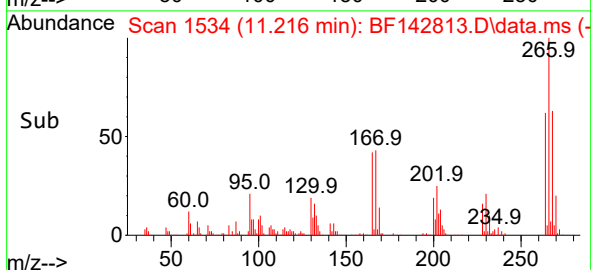
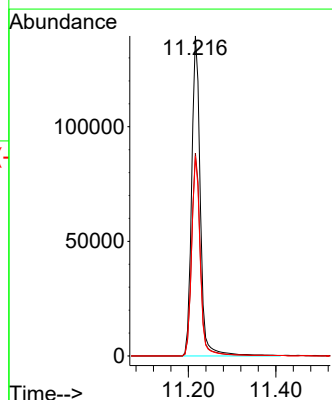
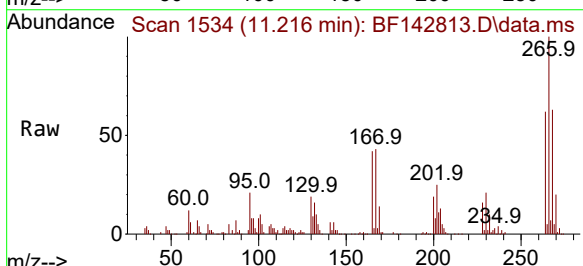
Tgt Ion:266 Resp: 192230

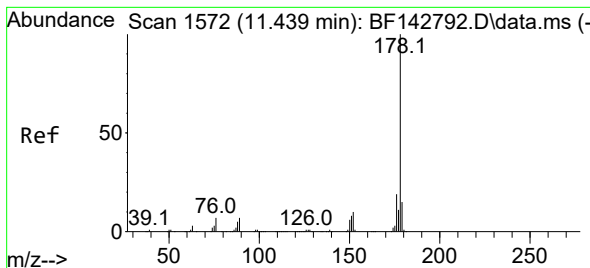
Ion Ratio Lower Upper

266 100

268 63.4 49.8 74.8

264 62.4 49.9 74.9





#71

Phenanthrene

Concen: 46.132 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

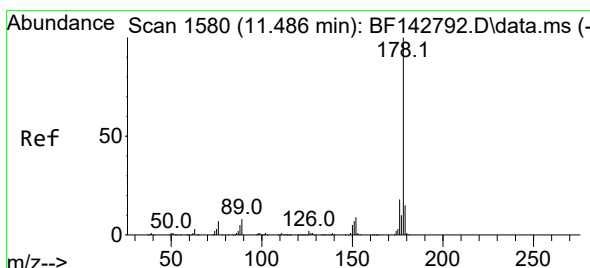
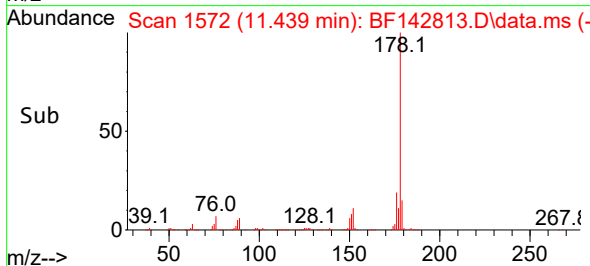
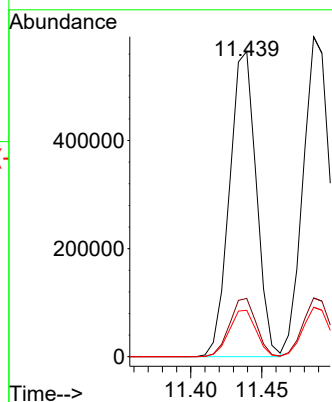
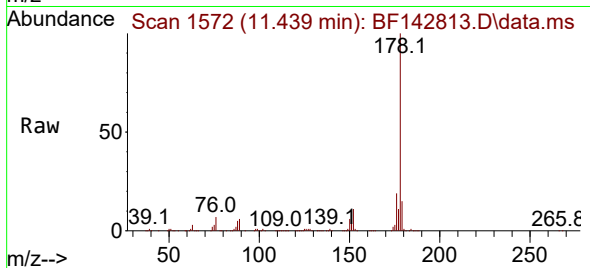
Tgt Ion:178 Resp: 740309

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.2 12.0 18.0



#72

Anthracene

Concen: 46.945 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

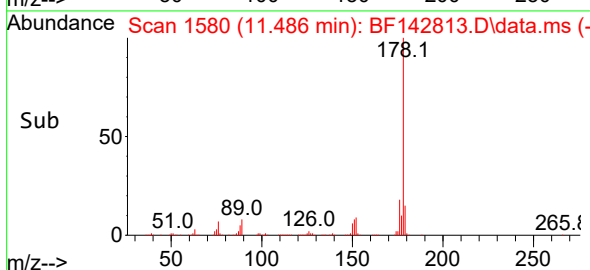
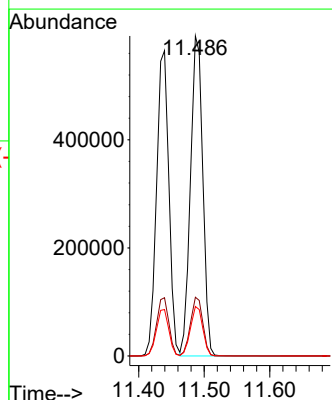
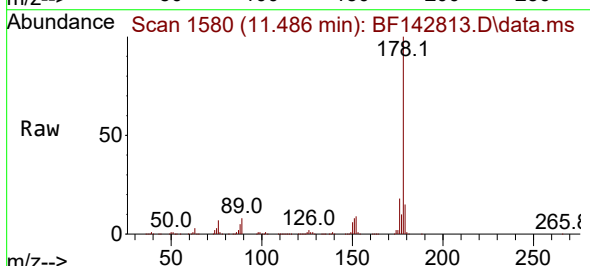
Tgt Ion:178 Resp: 772633

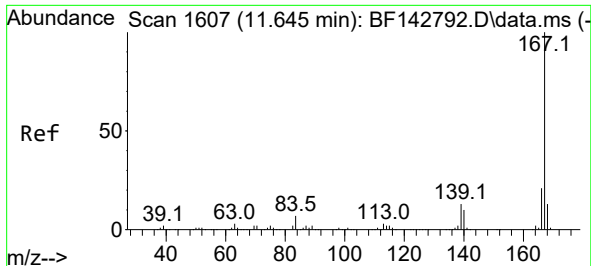
Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

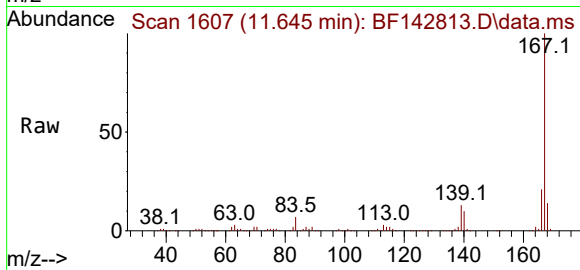
179 15.5 12.4 18.6



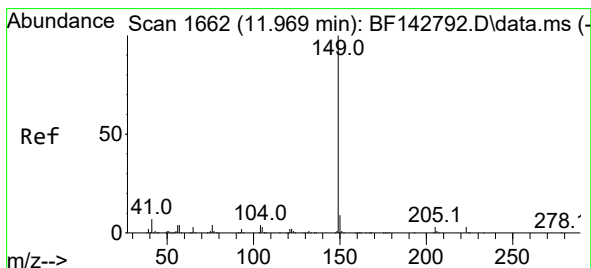
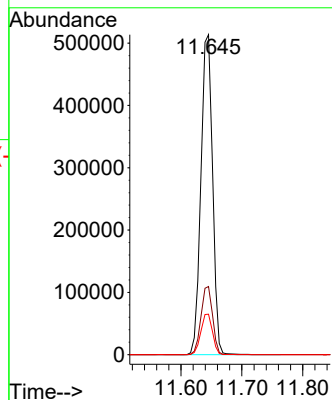
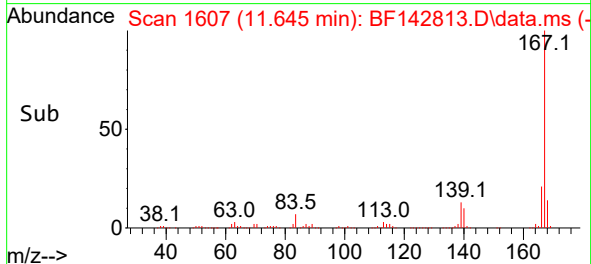


#73
 Carbazole
 Concen: 47.935 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF142813.D
 Acq: 24 Jun 2025 11:17

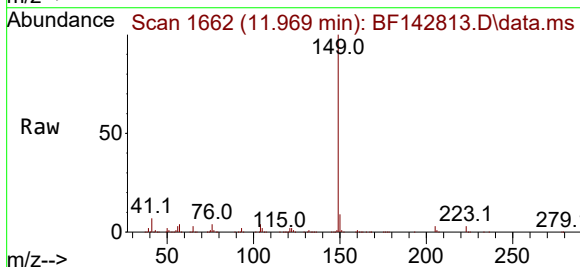
Instrument :
 BNA_F
 ClientSampleId :
 PB168582BS



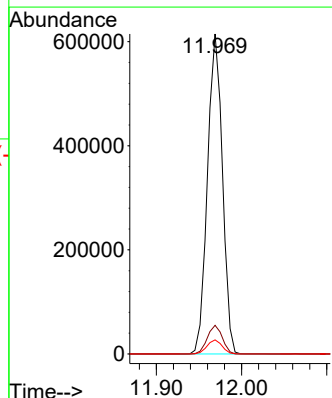
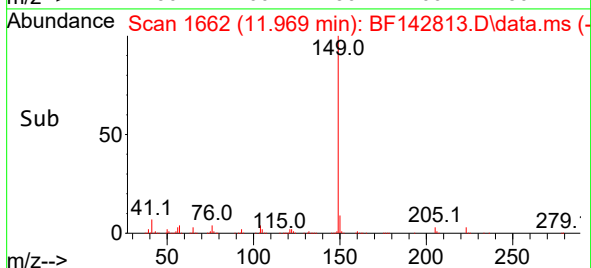
Tgt Ion:167 Resp: 680810
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.6 10.2 15.2

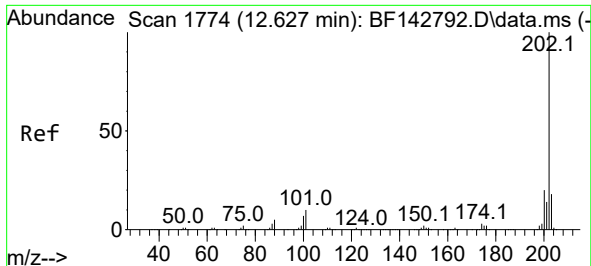


#74
 Di-n-butylphthalate
 Concen: 50.669 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142813.D
 Acq: 24 Jun 2025 11:17



Tgt Ion:149 Resp: 749689
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.4 3.5 5.3

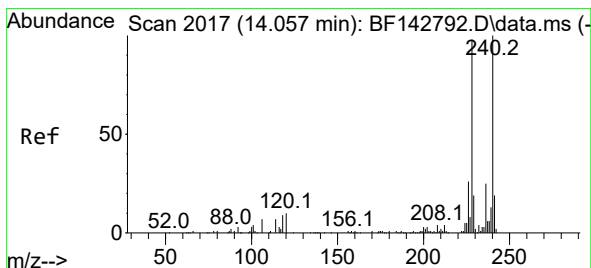
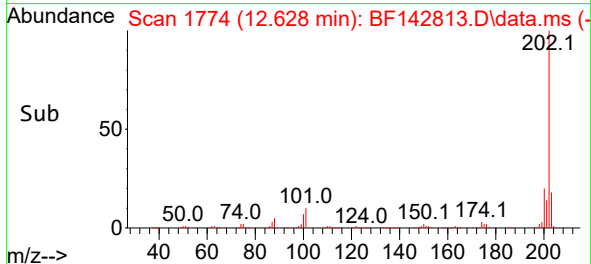
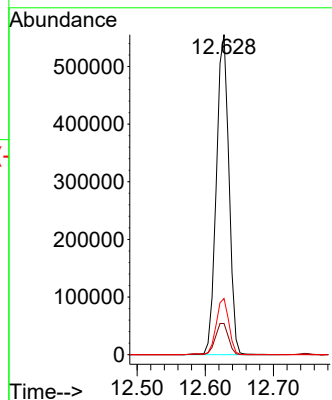
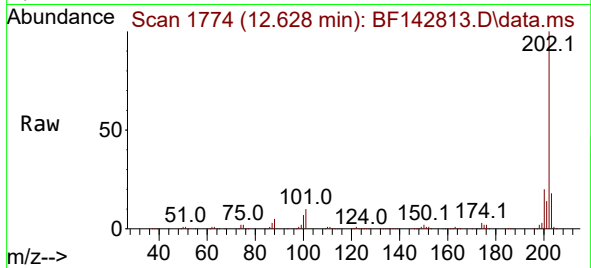




#75
Fluoranthene
Concen: 46.826 ng
RT: 12.628 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

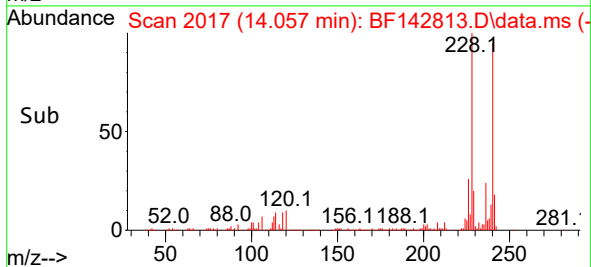
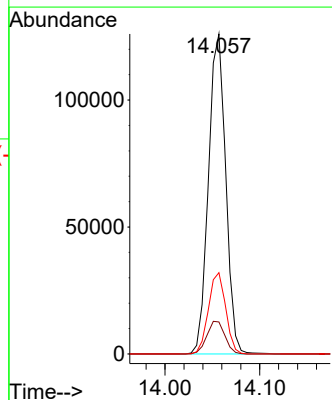
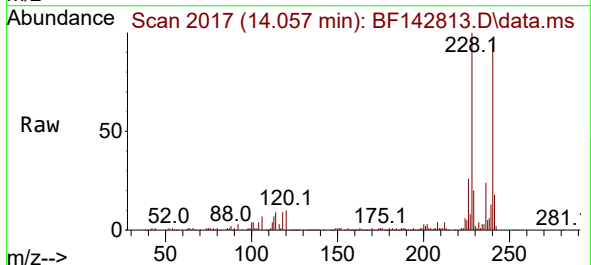
Instrument :
BNA_F
ClientSampleId :
PB168582BS

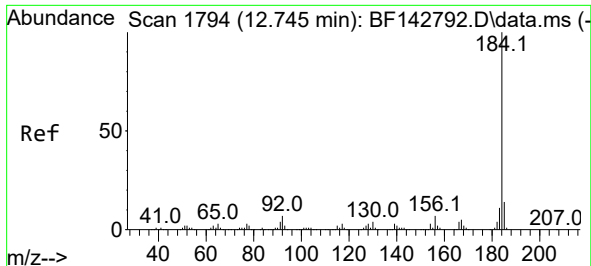
Tgt Ion:202 Resp: 713150
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:240 Resp: 159667
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.4 19.8 29.8

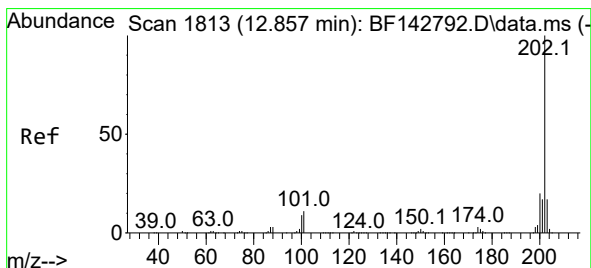
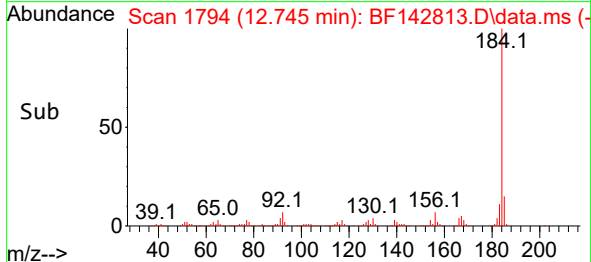
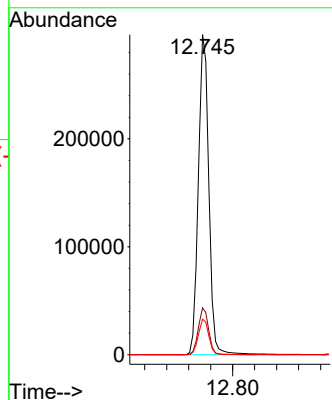
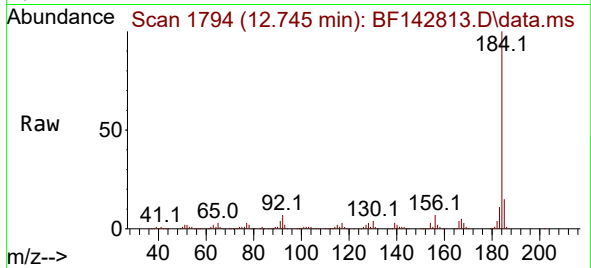




#77
Benzidine
Concen: 65.411 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

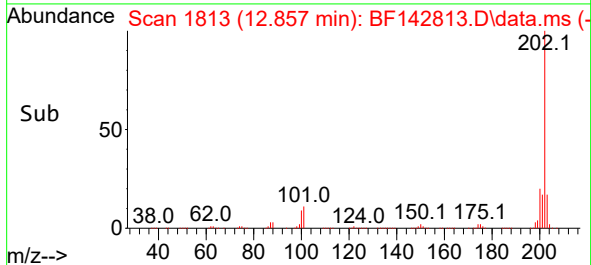
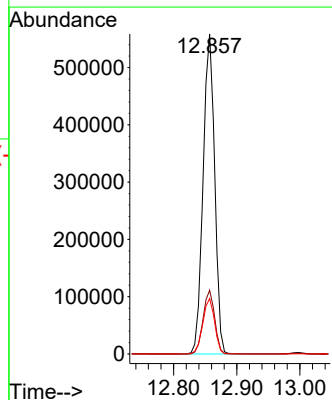
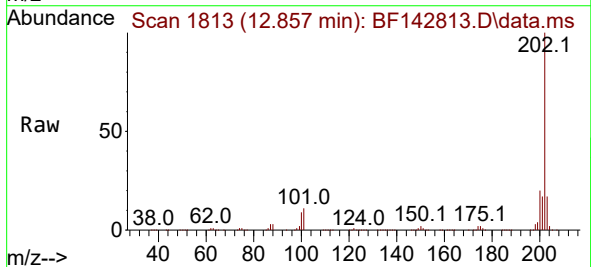
Instrument :
BNA_F
ClientSampleId :
PB168582BS

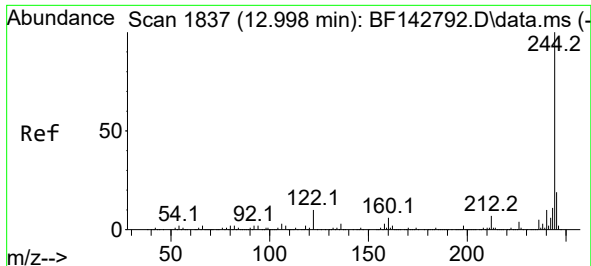
Tgt Ion:184 Resp: 392395
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 11.1 9.0 13.4



#78
Pyrene
Concen: 47.626 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:202 Resp: 712786
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.3 13.8 20.6

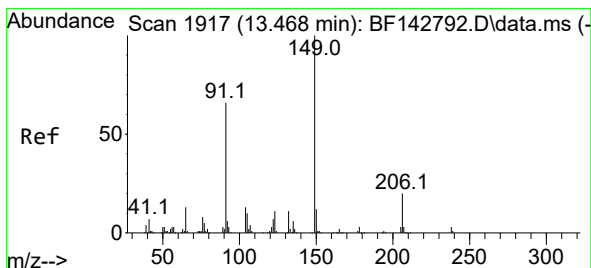
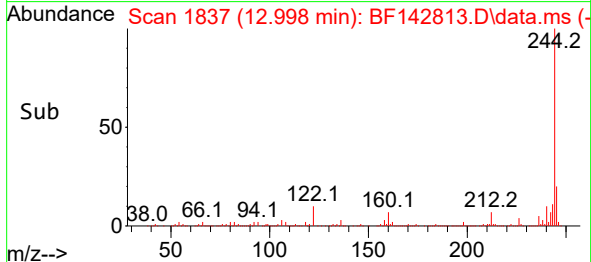
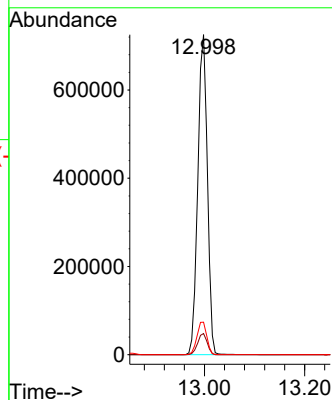
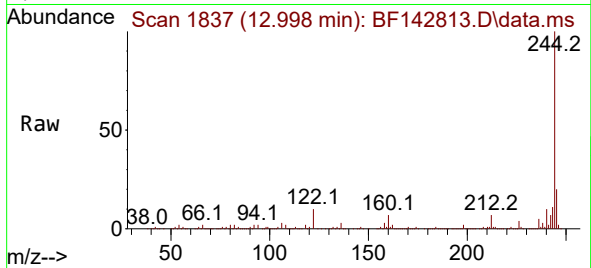




#79
 Terphenyl-d14
 Concen: 82.874 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF142813.D
 Acq: 24 Jun 2025 11:17

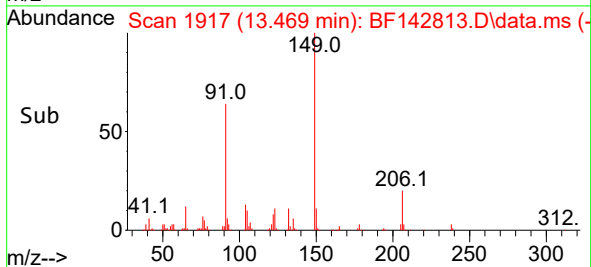
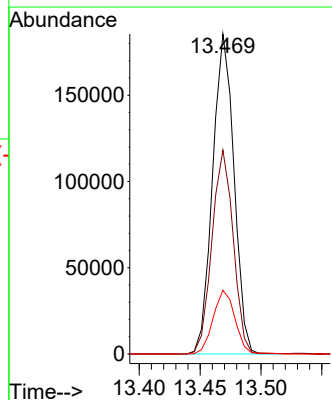
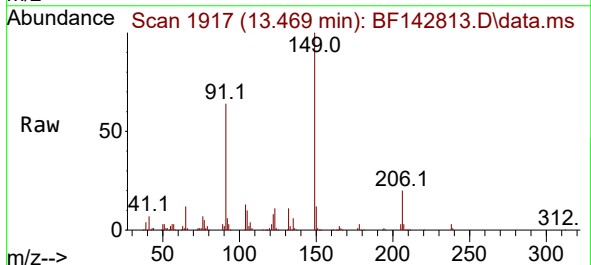
Instrument :
 BNA_F
 ClientSampleId :
 PB168582BS

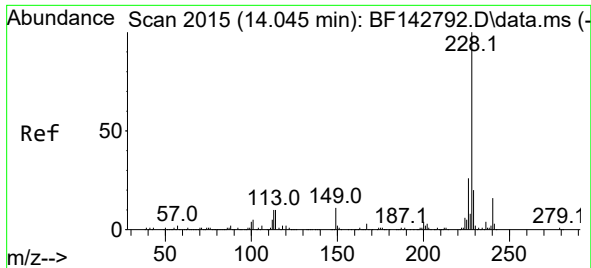
Tgt Ion:244 Resp: 957674
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.1 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 52.274 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142813.D
 Acq: 24 Jun 2025 11:17

Tgt Ion:149 Resp: 226938
 Ion Ratio Lower Upper
 149 100
 91 63.7 52.9 79.3
 206 19.9 16.3 24.5

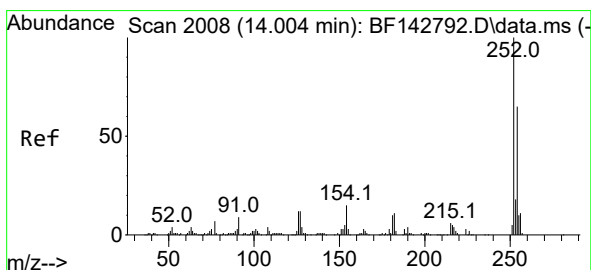
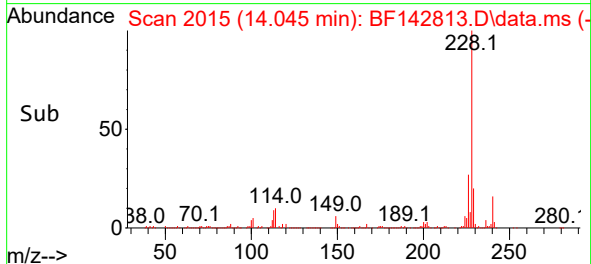
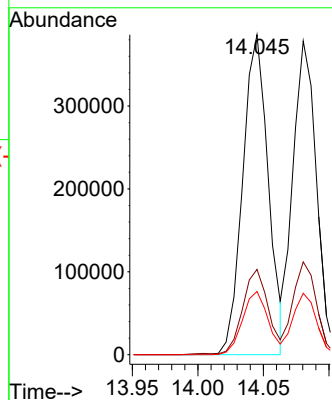
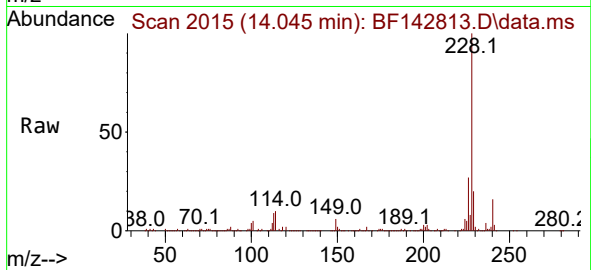




#81
Benzo(a)anthracene
Concen: 48.618 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

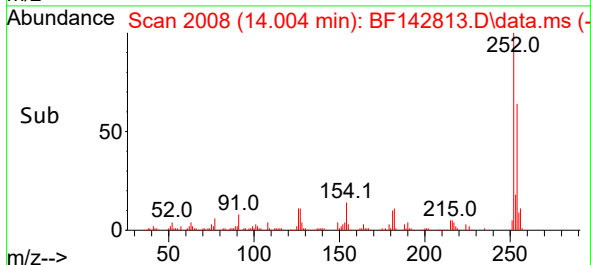
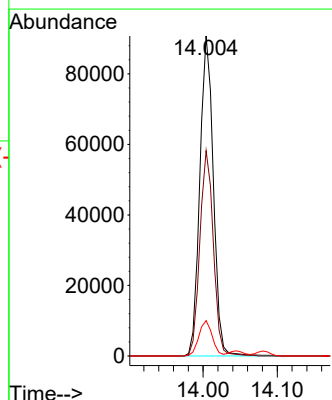
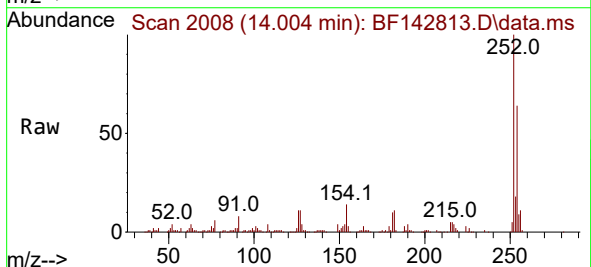
Instrument :
BNA_F
ClientSampleId :
PB168582BS

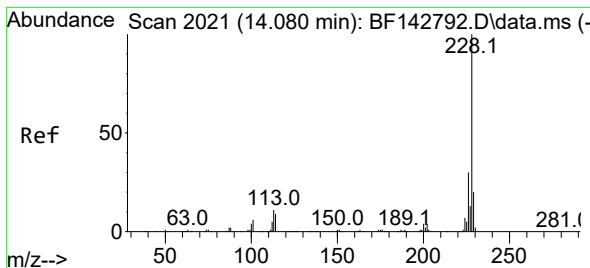
Tgt Ion:228 Resp: 523674
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 32.887 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:252 Resp: 114897
Ion Ratio Lower Upper
252 100
254 64.1 51.7 77.5
126 11.0 9.4 14.2





#83

Chrysene

Concen: 48.974 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

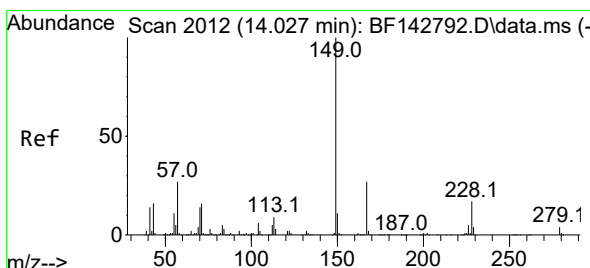
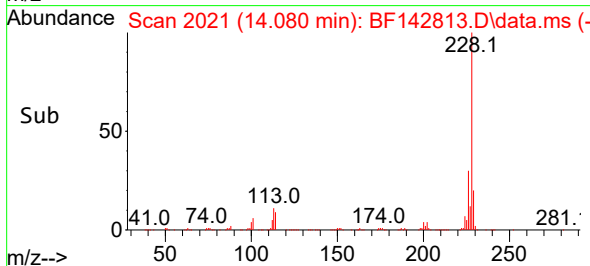
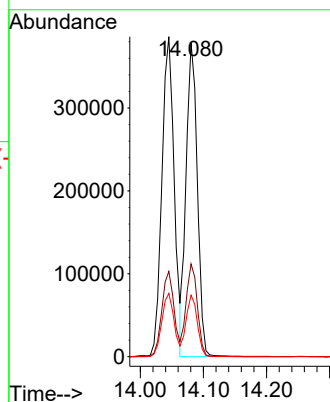
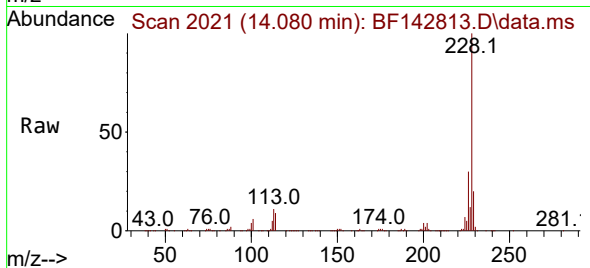
Tgt Ion:228 Resp: 470710

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.749 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

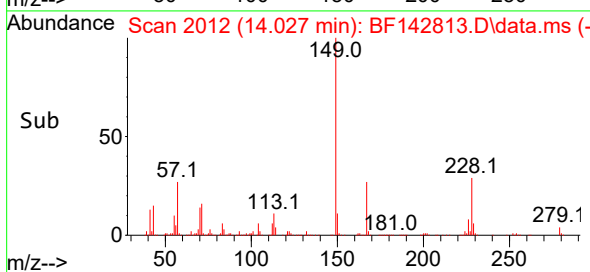
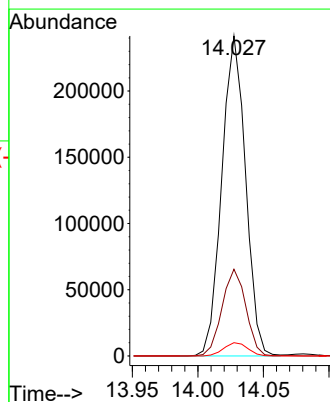
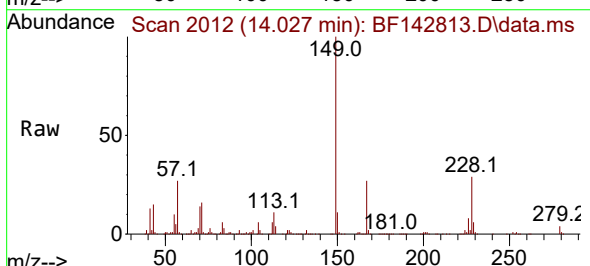
Tgt Ion:149 Resp: 304494

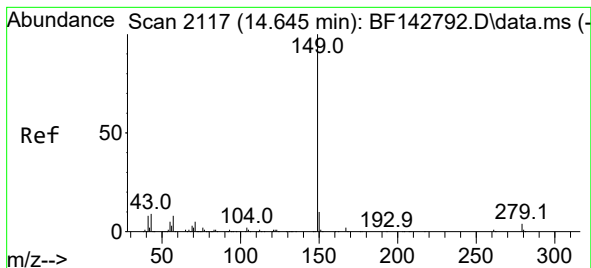
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 47.403 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

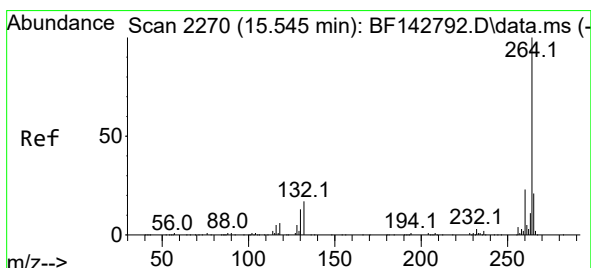
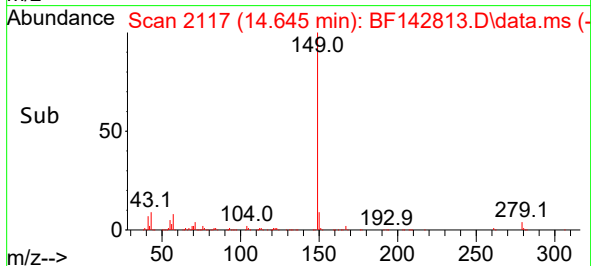
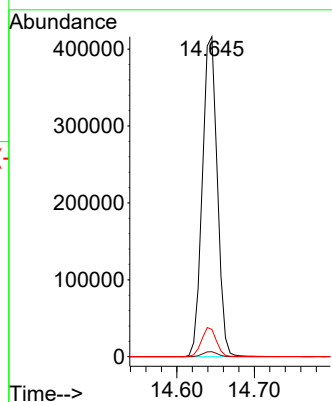
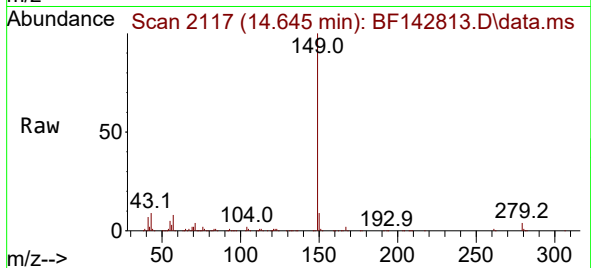
Tgt Ion:149 Resp: 558310

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 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: BF142813.D

Acq: 24 Jun 2025 11:17

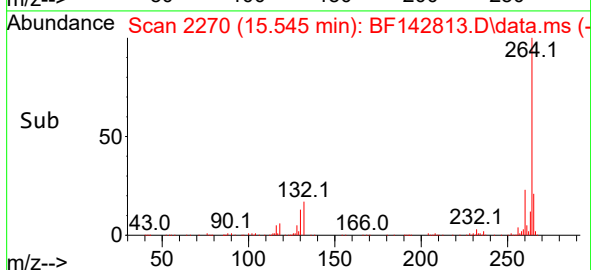
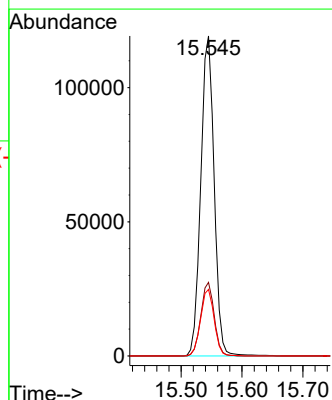
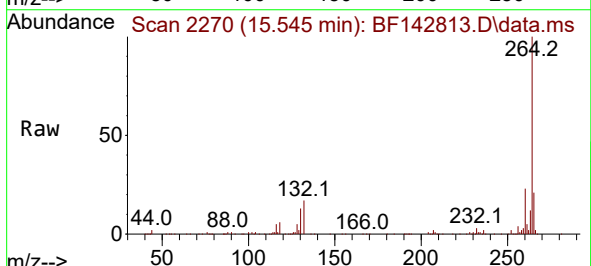
Tgt Ion:264 Resp: 182255

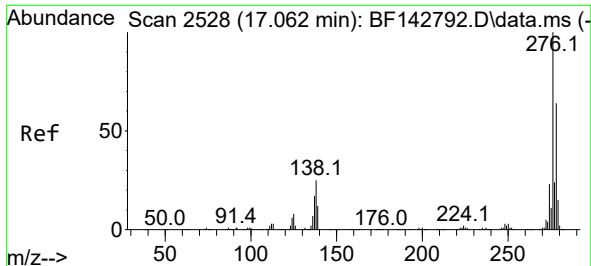
Ion Ratio Lower Upper

264 100

260 23.0 18.1 27.1

265 20.8 16.6 25.0

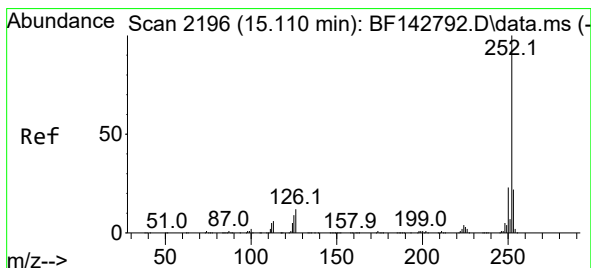
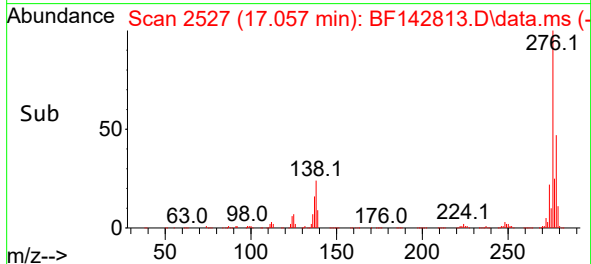
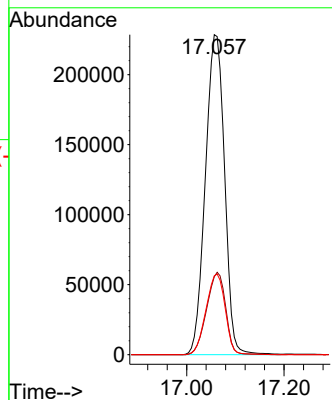
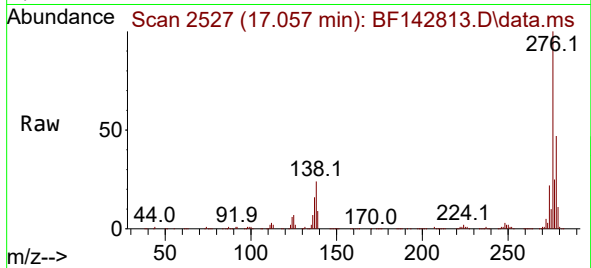




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.982 ng
RT: 17.057 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

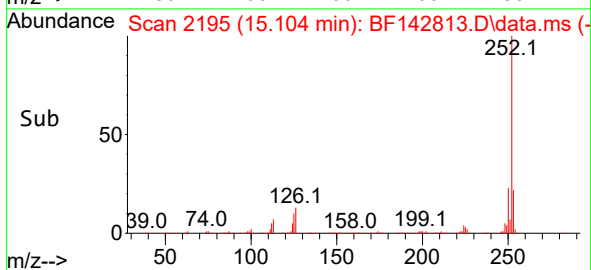
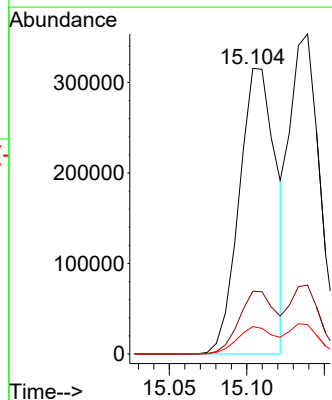
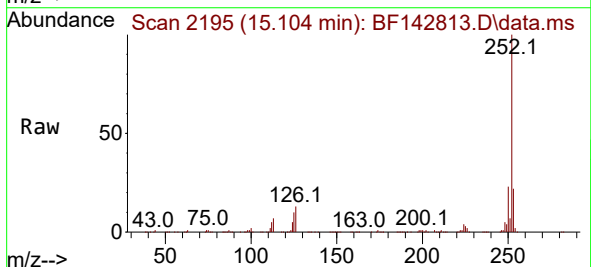
Instrument :
BNA_F
ClientSampleId :
PB168582BS

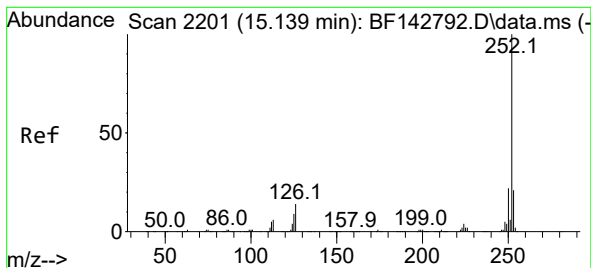
Tgt Ion:276 Resp: 624450
Ion Ratio Lower Upper
276 100
138 25.5 20.2 30.4
277 25.1 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 49.266 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:252 Resp: 519564
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 48.312 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB168582BS

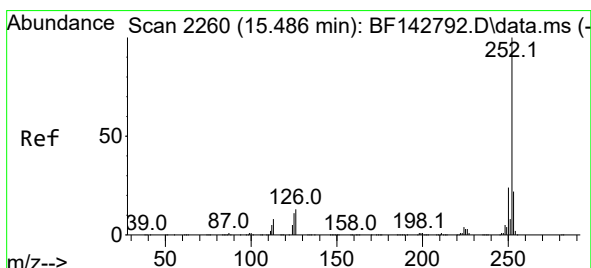
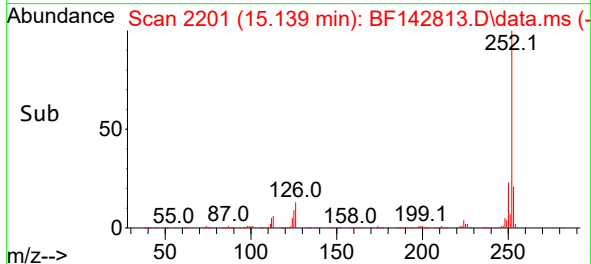
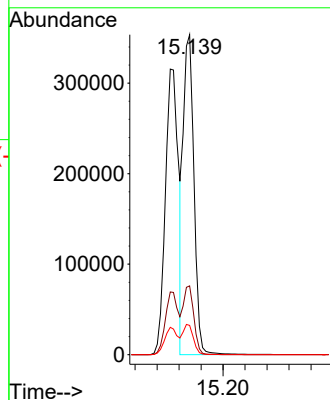
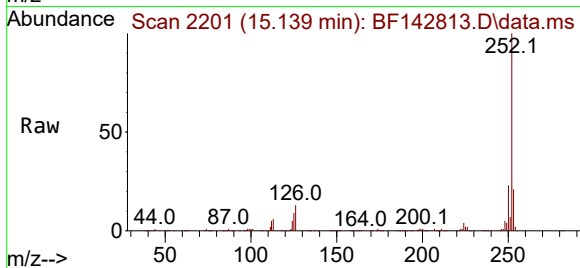
Tgt Ion:252 Resp: 476677

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 48.468 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142813.D

Acq: 24 Jun 2025 11:17

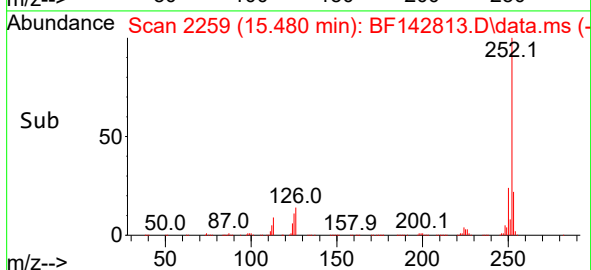
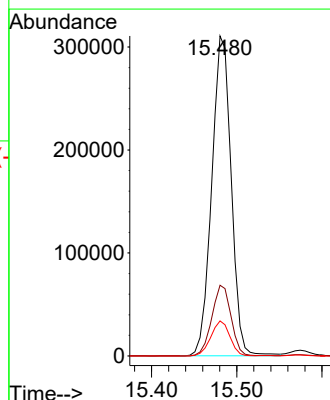
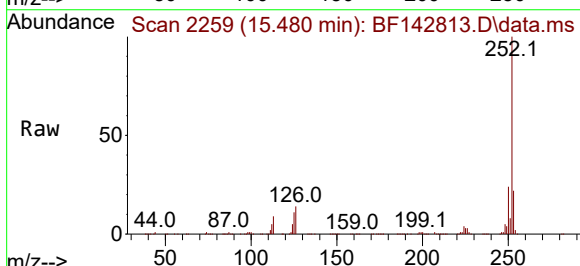
Tgt Ion:252 Resp: 493806

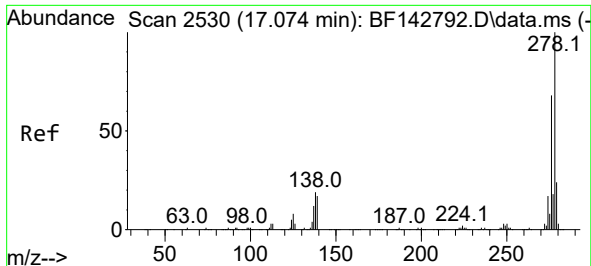
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.0 8.6 12.8

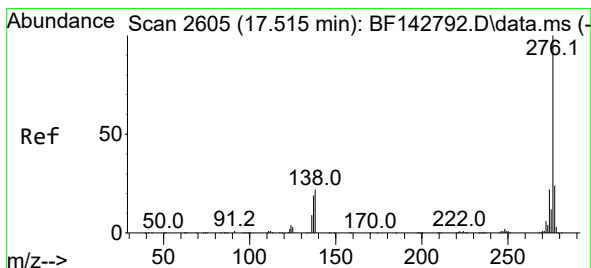
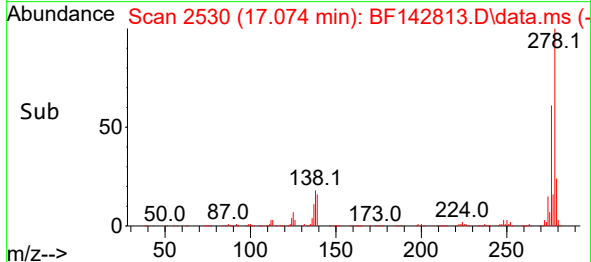
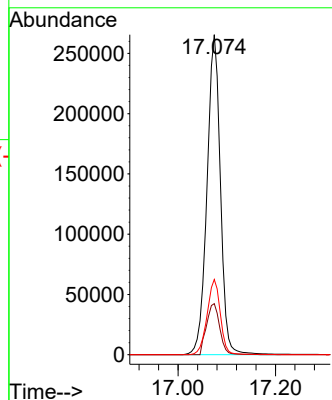
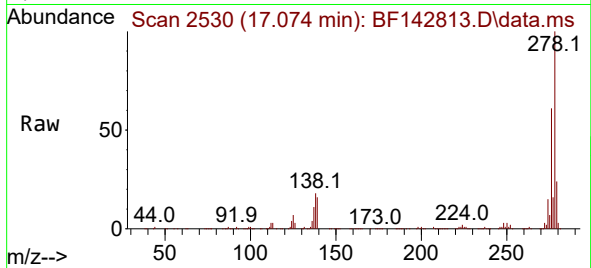




#91
Dibenzo(a,h)anthracene
Concen: 44.884 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB168582BS

Tgt Ion:278 Resp: 506271
Ion Ratio Lower Upper
278 100
139 15.9 13.5 20.3
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 45.075 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142813.D
Acq: 24 Jun 2025 11:17

Tgt Ion:276 Resp: 506983
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 21.6 17.6 26.4

