

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142811.D
 Acq On : 24 Jun 2025 10:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 24 11:38:54 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	6.880	152	88364	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	335549	20.000	ng	0.00
39) Acenaphthene-d10	9.921	164	179366	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	300319	20.000	ng	0.00
76) Chrysene-d12	14.056	240	163667	20.000	ng	0.00
86) Perylene-d12	15.545	264	187854	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	456296	85.974	ng	0.00
7) Phenol-d6	6.510	99	538916	86.066	ng	0.00
23) Nitrobenzene-d5	7.445	82	526395	86.048	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	157486	85.321	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1085224	79.482	ng	0.00
79) Terphenyl-d14	12.998	244	920683	77.725	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.645	88	91957	43.318	ng 99
3) Pyridine	3.410	79	231793	43.555	ng 99
4) n-Nitrosodimethylamine	3.369	42	117601	42.733	ng 95
6) Aniline	6.545	93	363367	43.612	ng 100
8) 2-Chlorophenol	6.663	128	247103	43.161	ng 99
9) Benzaldehyde	6.433	77	140403	37.794	ng 99
10) Phenol	6.528	94	301098	43.259	ng 93
11) bis(2-Chloroethyl)ether	6.616	93	215204	43.260	ng 99
12) 1,3-Dichlorobenzene	6.822	146	271215	42.358	ng 99
13) 1,4-Dichlorobenzene	6.898	146	274224	42.449	ng 99
14) 1,2-Dichlorobenzene	7.051	146	260103	42.450	ng 99
15) Benzyl Alcohol	7.022	79	198970	43.954	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	332544	41.607	ng 99
17) 2-Methylphenol	7.133	107	188101	43.355	ng 99
18) Hexachloroethane	7.392	117	95048	42.065	ng 97
19) n-Nitroso-di-n-propyla...	7.292	70	155120	42.594	ng 100
20) 3+4-Methylphenols	7.286	107	235113	43.463	ng 97
22) Acetophenone	7.292	105	311257	42.065	ng 99
24) Nitrobenzene	7.469	77	237487	42.892	ng 97
25) Isophorone	7.704	82	422145	43.017	ng 100
26) 2-Nitrophenol	7.780	139	133998	44.426	ng 99
27) 2,4-Dimethylphenol	7.816	122	224066	42.887	ng 99
28) bis(2-Chloroethoxy)met...	7.916	93	265061	42.485	ng 99
29) 2,4-Dichlorophenol	8.022	162	203381	42.933	ng 99
30) 1,2,4-Trichlorobenzene	8.104	180	218035	41.857	ng 100
31) Naphthalene	8.186	128	696192	42.387	ng 99
32) Benzoic acid	7.933	122	126992	47.690	ng 97
33) 4-Chloroaniline	8.233	127	288786	43.241	ng 100
34) Hexachlorobutadiene	8.304	225	132733	41.657	ng 99
35) Caprolactam	8.610	113	59758	47.805	ng 97
36) 4-Chloro-3-methylphenol	8.716	107	205152	43.575	ng 100
37) 2-Methylnaphthalene	8.880	142	430600	42.288	ng 100
38) 1-Methylnaphthalene	8.980	142	449219	42.617	ng 100
40) 1,2,4,5-Tetrachloroben...	9.045	216	217242	41.047	ng 99
41) Hexachlorocyclopentadiene	9.033	237	130125	43.326	ng 98
43) 2,4,6-Trichlorophenol	9.157	196	144284	41.837	ng 100

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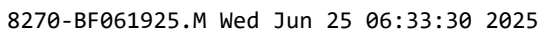
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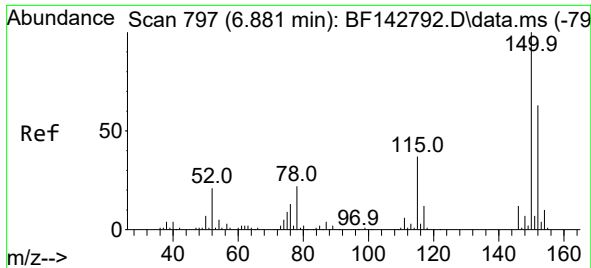
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	154645	42.597	ng	99
46) 1,1'-Biphenyl	9.345	154	583765	41.200	ng	100
47) 2-Chloronaphthalene	9.369	162	439850	41.367	ng	100
48) 2-Nitroaniline	9.463	65	130885	43.907	ng	98
49) Acenaphthylene	9.786	152	729096	41.654	ng	100
50) Dimethylphthalate	9.645	163	491365	42.321	ng	100
51) 2,6-Dinitrotoluene	9.704	165	110024	43.151	ng	99
52) Acenaphthene	9.957	154	450566	42.190	ng	100
53) 3-Nitroaniline	9.874	138	125282	44.627	ng	99
54) 2,4-Dinitrophenol	9.980	184	59614	46.693	ng	98
55) Dibenzofuran	10.127	168	639543	41.762	ng	100
56) 4-Nitrophenol	10.033	139	88318	45.954	ng	98
57) 2,4-Dinitrotoluene	10.110	165	150754	44.512	ng	99
58) Fluorene	10.474	166	492361	41.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	123461	42.190	ng	99
60) Diethylphthalate	10.339	149	488058	42.873	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	232566	40.750	ng	99
62) 4-Nitroaniline	10.492	138	118100	45.998	ng	98
63) Azobenzene	10.621	77	425881	41.858	ng	99
65) 4,6-Dinitro-2-methylph...	10.521	198	82988	45.685	ng	99
66) n-Nitrosodiphenylamine	10.580	169	427020	41.027	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	144032	42.140	ng	96
68) Hexachlorobenzene	11.021	284	158667	41.778	ng	98
69) Atrazine	11.104	200	119790	44.569	ng	98
70) Pentachlorophenol	11.215	266	85215	45.028	ng	99
71) Phenanthrene	11.433	178	673912	41.425	ng	99
72) Anthracene	11.486	178	687776	41.222	ng	100
73) Carbazole	11.639	167	605919	42.083	ng	100
74) Di-n-butylphthalate	11.968	149	645750	43.052	ng	100
75) Fluoranthene	12.627	202	627298	40.630	ng	100
77) Benzidine	12.745	184	263874	42.912	ng	99
78) Pyrene	12.857	202	622546	40.580	ng	100
80) Butylbenzylphthalate	13.468	149	192178	43.185	ng	99
81) Benzo(a)anthracene	14.045	228	462690	41.906	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	154551	43.156	ng	99
83) Chrysene	14.080	228	420140	42.644	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	270514	42.250	ng	99
85) Di-n-octyl phthalate	14.645	149	497177	41.181	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	591613	41.346	ng	99
88) Benzo(b)fluoranthene	15.103	252	477548	43.932	ng	100
89) Benzo(k)fluoranthene	15.139	252	423530	41.646	ng	100
90) Benzo(a)pyrene	15.480	252	450041	42.856	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	476750	41.007	ng	99
92) Benzo(g,h,i)perylene	17.515	276	476423	41.096	ng	100

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

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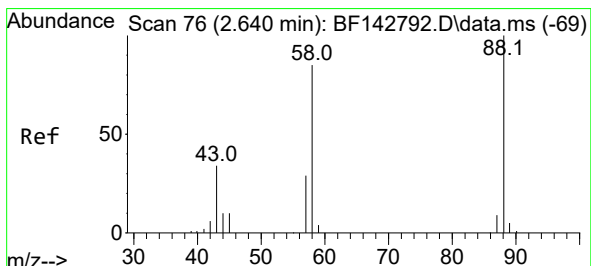
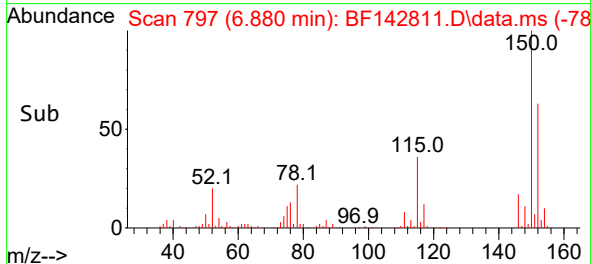
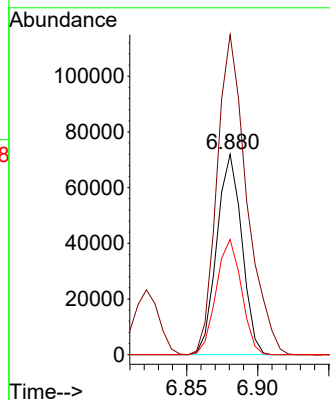
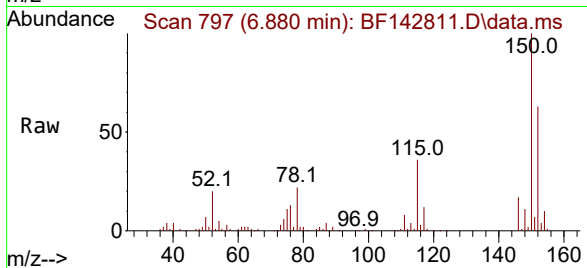




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.880 min Scan# 79
 Delta R.T. -0.001 min
 Lab File: BF142811.D
 Acq: 24 Jun 2025 10:16

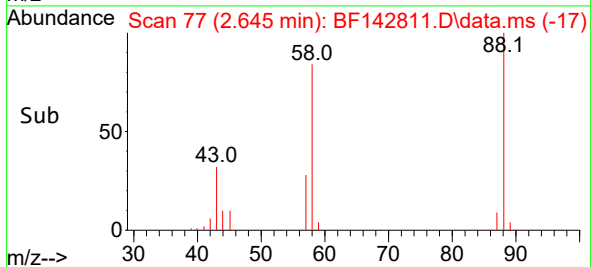
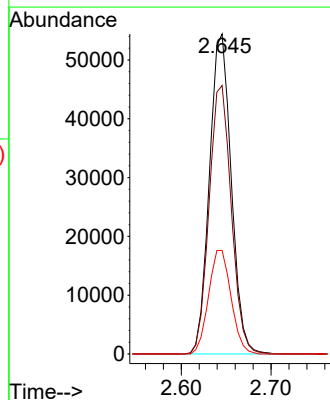
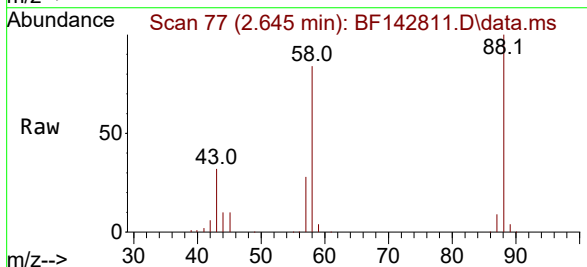
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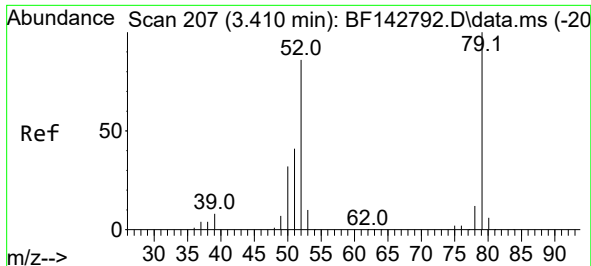
Tgt Ion:152 Resp: 88364
 Ion Ratio Lower Upper
 152 100
 150 159.7 127.2 190.8
 115 57.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 43.318 ng
 RT: 2.645 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: BF142811.D
 Acq: 24 Jun 2025 10:16

Tgt Ion: 88 Resp: 91957
 Ion Ratio Lower Upper
 88 100
 58 85.3 69.1 103.7
 43 33.3 27.4 41.2

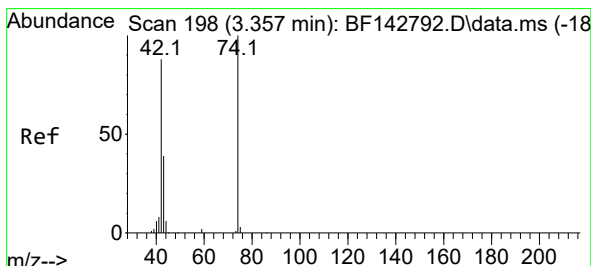
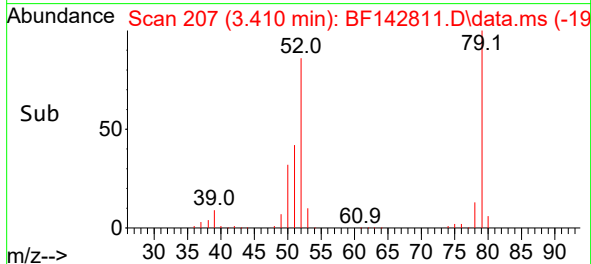
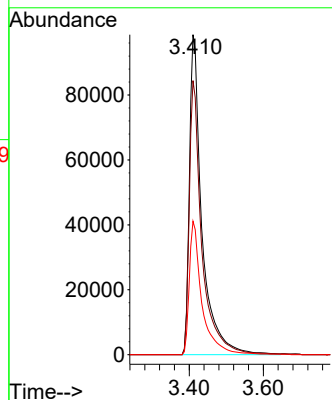
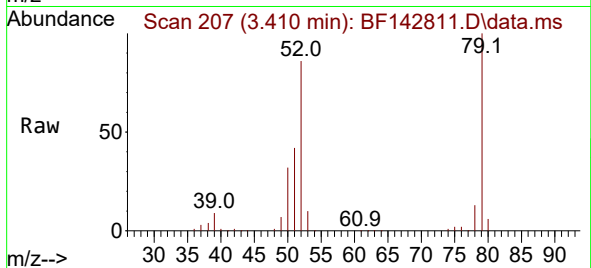




#3
Pyridine
Concen: 43.555 ng
RT: 3.410 min Scan# 207
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

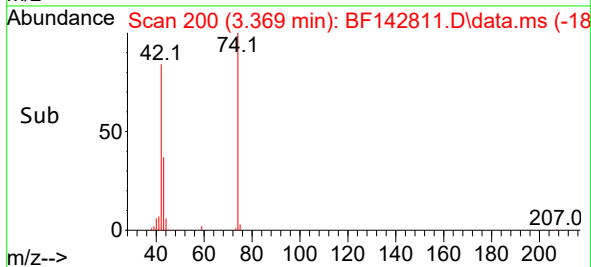
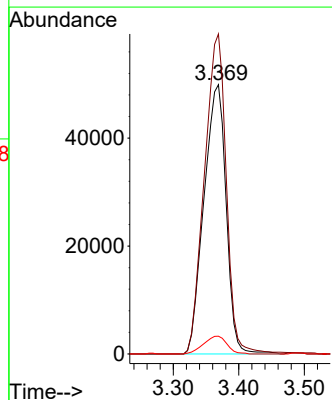
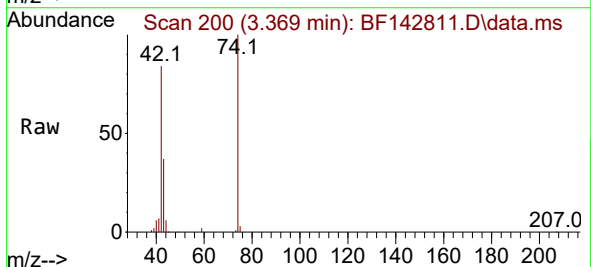
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ClientSampleId :
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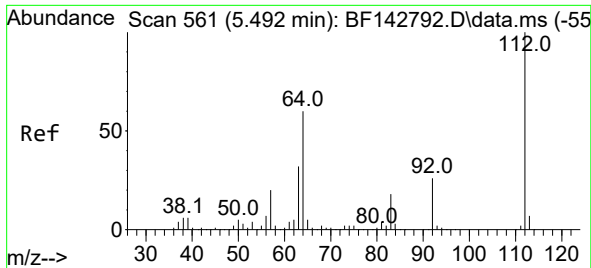
Tgt Ion: 79 Resp: 231793
Ion Ratio Lower Upper
79 100
52 85.6 69.2 103.8
51 41.7 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 42.733 ng
RT: 3.369 min Scan# 200
Delta R.T. 0.012 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion: 42 Resp: 117601
Ion Ratio Lower Upper
42 100
74 118.9 90.9 136.3
44 6.6 5.8 8.6

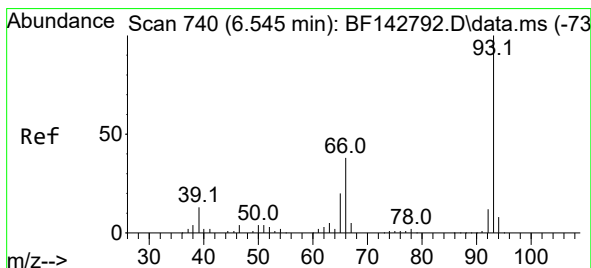
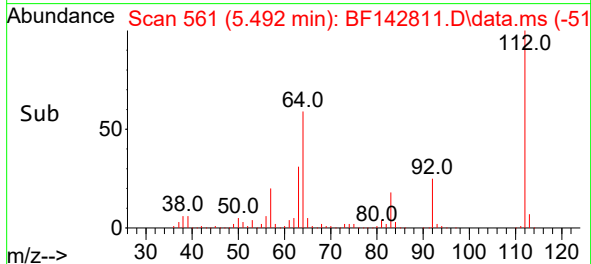
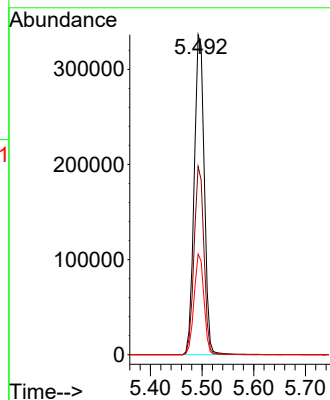
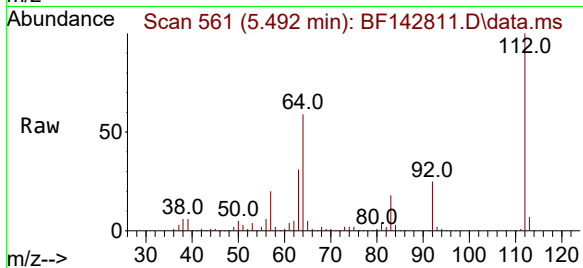




#5
2-Fluorophenol
Concen: 85.974 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

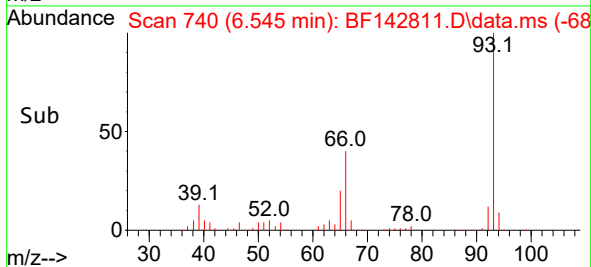
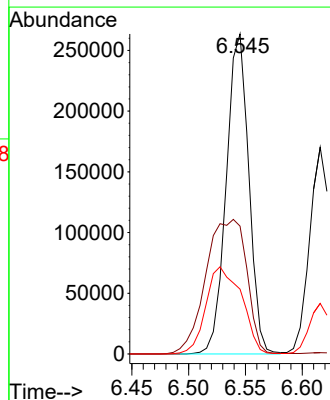
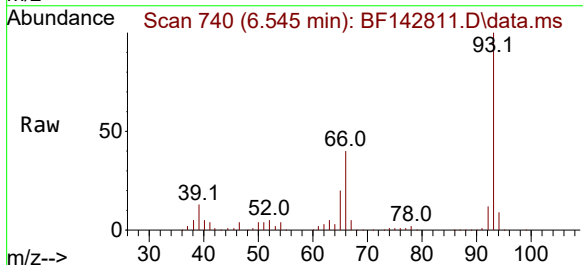
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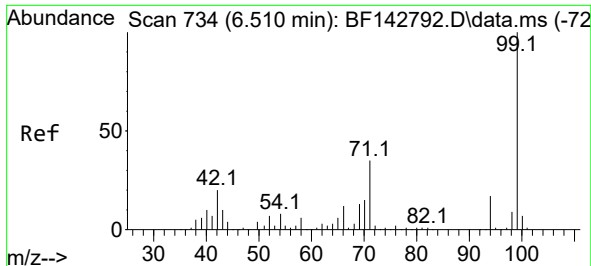
Tgt Ion:112 Resp: 456296
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.2
63 31.5 25.7 38.5



#6
Aniline
Concen: 43.612 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion: 93 Resp: 363367
Ion Ratio Lower Upper
93 100
66 40.0 31.8 47.6
65 20.3 16.2 24.2

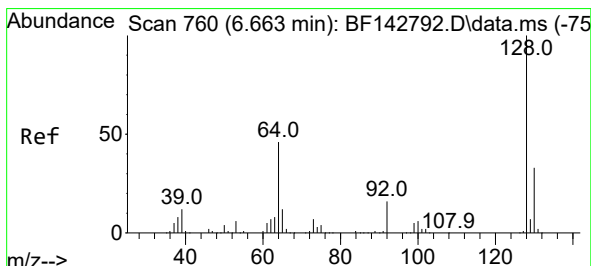
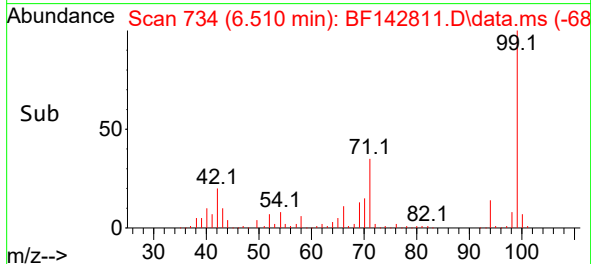
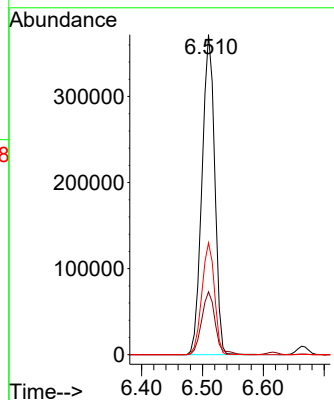
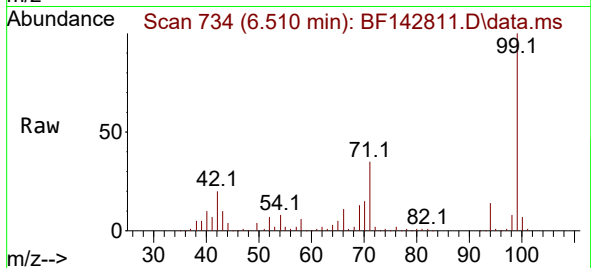




#7
Phenol-d6
Concen: 86.066 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

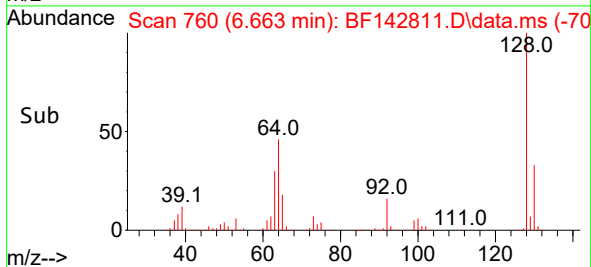
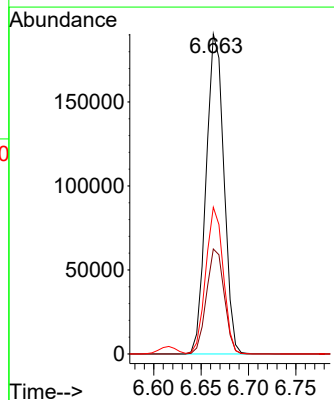
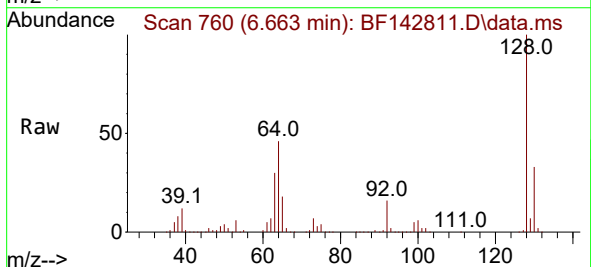
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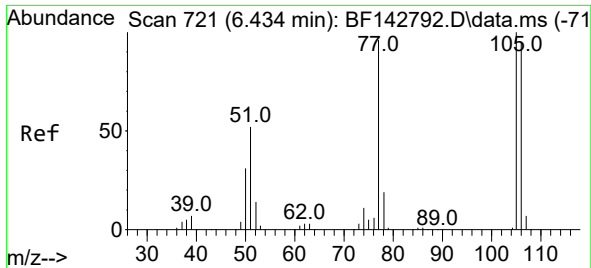
Tgt Ion: 99 Resp: 538916
Ion Ratio Lower Upper
99 100
42 19.6 15.9 23.9
71 35.0 27.8 41.8



#8
2-Chlorophenol
Concen: 43.161 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF142811.D
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Tgt Ion:128 Resp: 247103
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 45.9 26.5 66.5

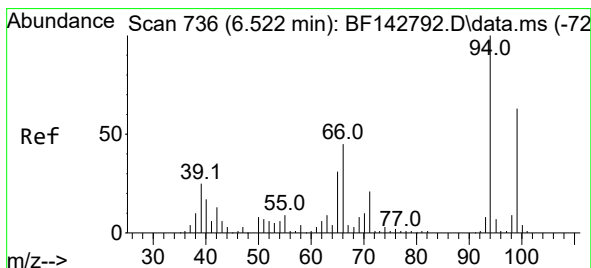
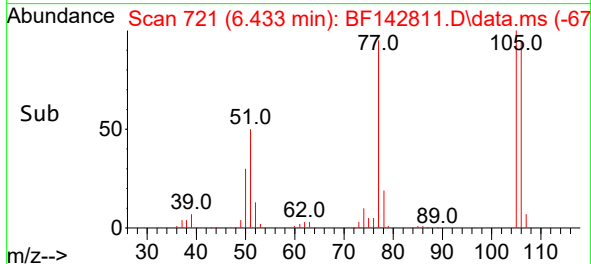
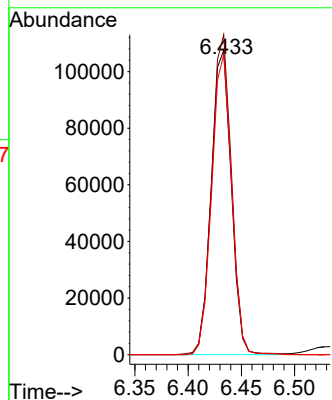
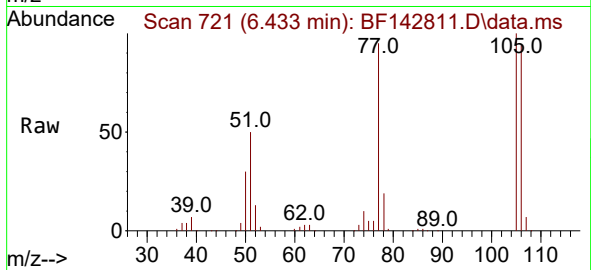




#9
Benzaldehyde
Concen: 37.794 ng
RT: 6.433 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

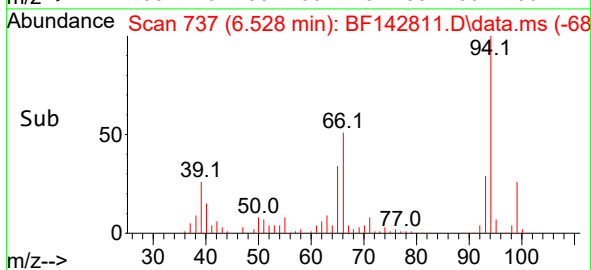
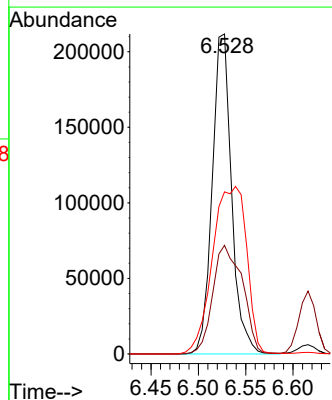
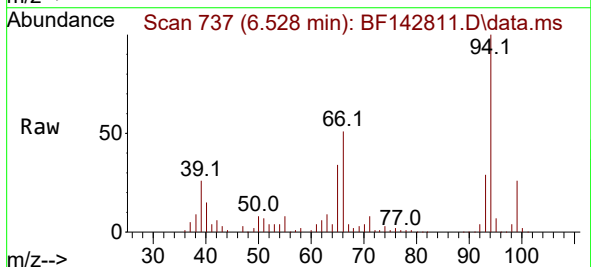
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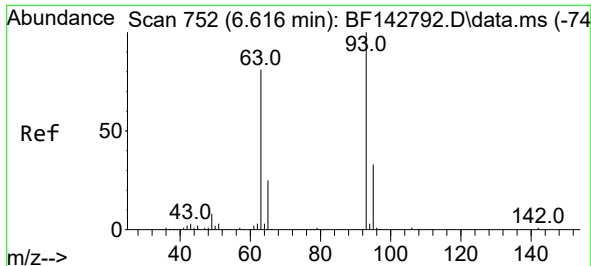
Tgt Ion: 77 Resp: 140403
Ion Ratio Lower Upper
77 100
105 105.2 83.8 123.8
106 98.6 78.7 118.7



#10
Phenol
Concen: 43.259 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion: 94 Resp: 301098
Ion Ratio Lower Upper
94 100
65 33.9 11.3 51.3
66 50.7 24.9 64.9

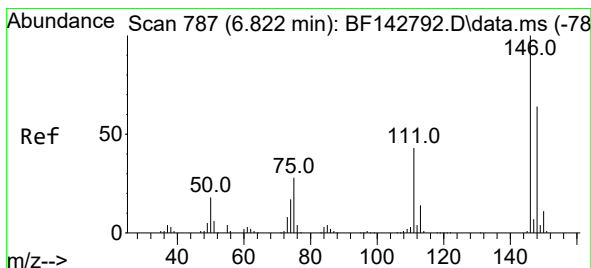
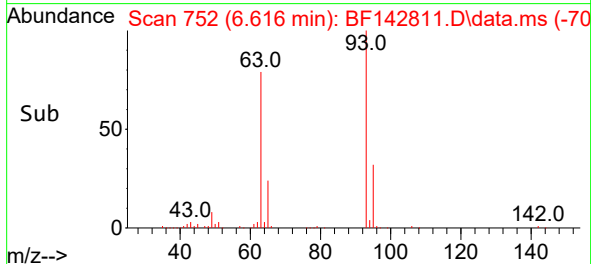
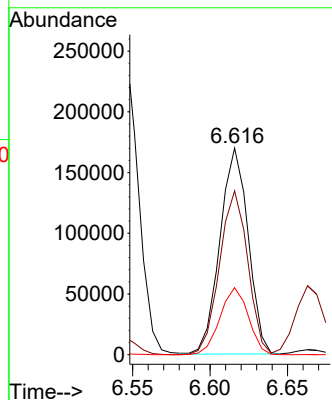
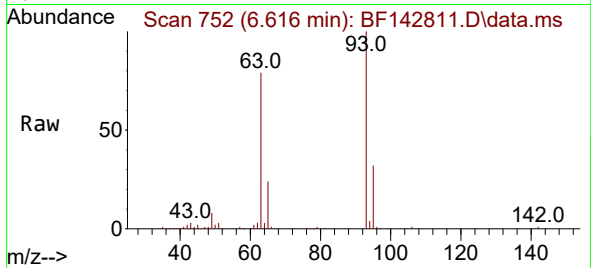




#11
bis(2-Chloroethyl)ether
Concen: 43.260 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

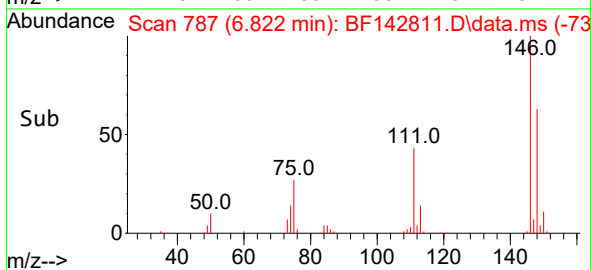
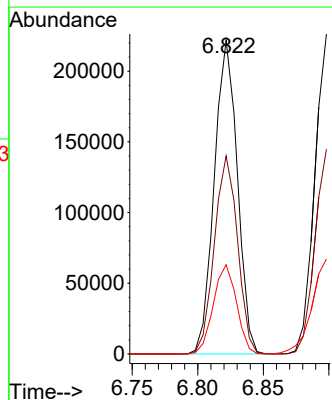
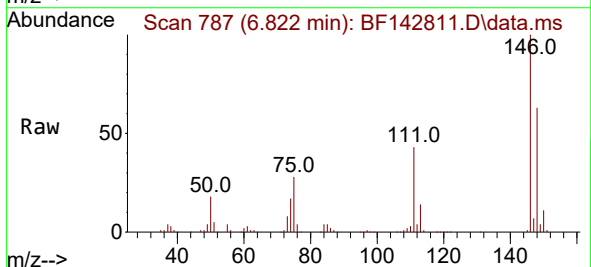
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

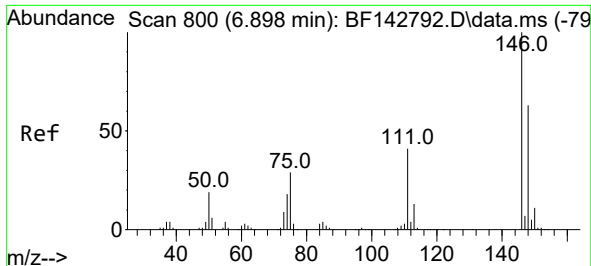
Tgt Ion: 93 Resp: 215204
Ion Ratio Lower Upper
93 100
63 79.3 60.3 100.3
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.358 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:146 Resp: 271215
Ion Ratio Lower Upper
146 100
148 63.2 51.1 76.7
75 28.5 22.7 34.1

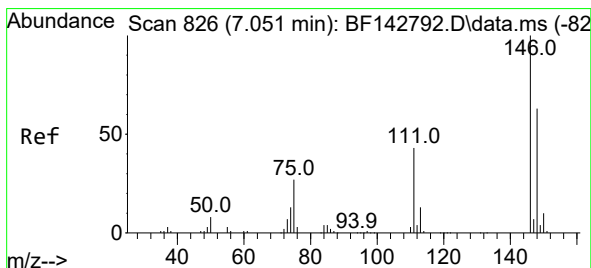
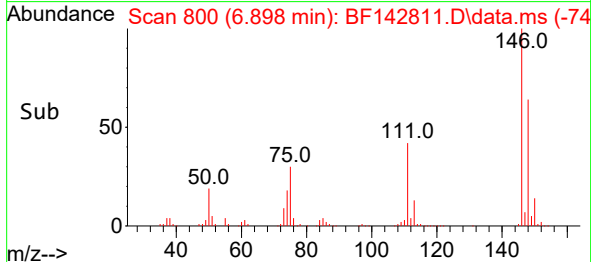
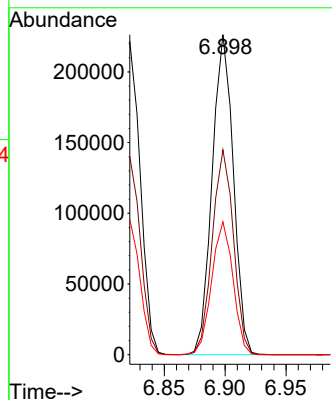
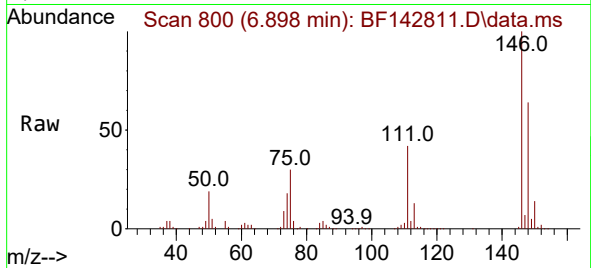




#13
1,4-Dichlorobenzene
Concen: 42.449 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

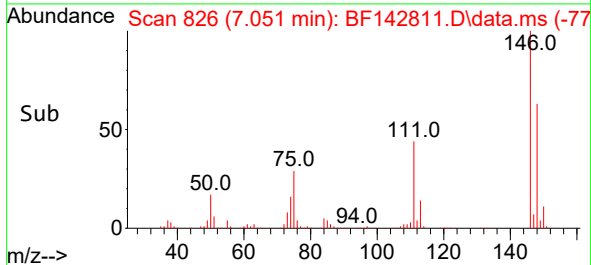
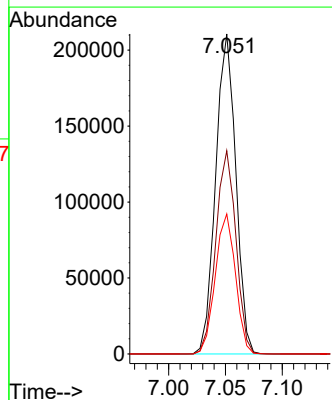
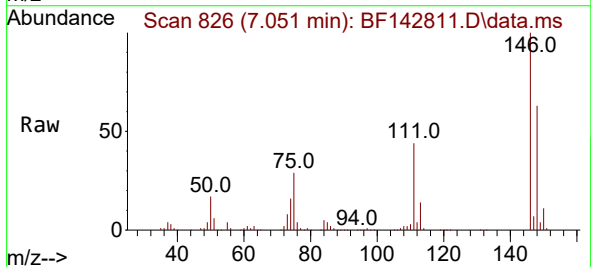
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

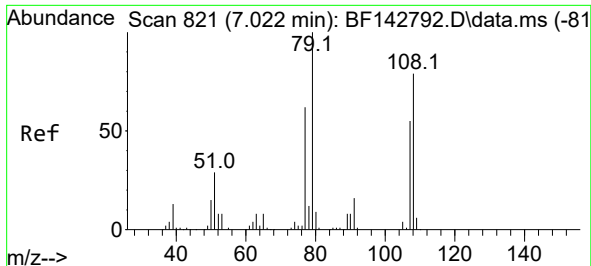
Tgt Ion:146 Resp: 274224
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.2
111 41.5 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 42.450 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:146 Resp: 260103
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 43.8 34.1 51.1

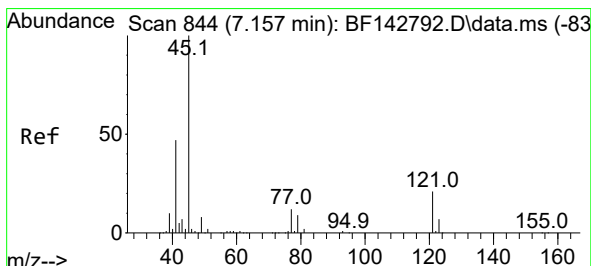
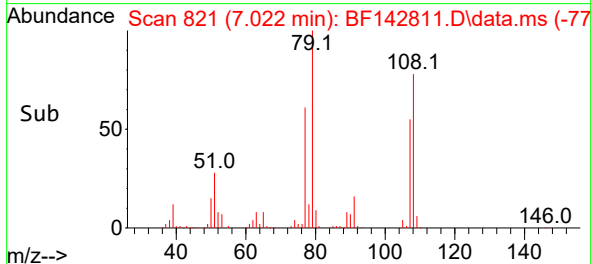
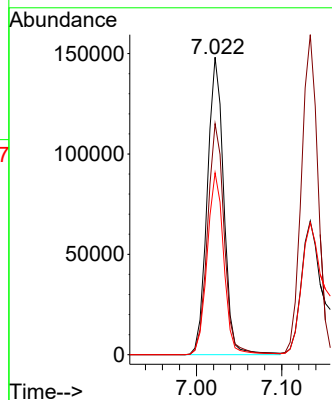
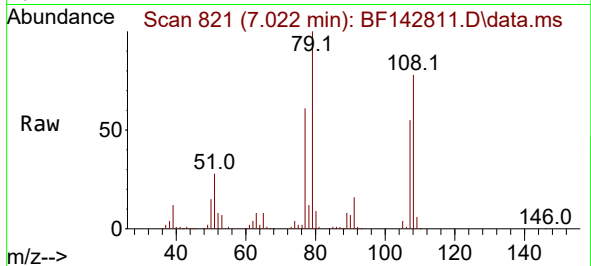




#15
Benzyl Alcohol
Concen: 43.954 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

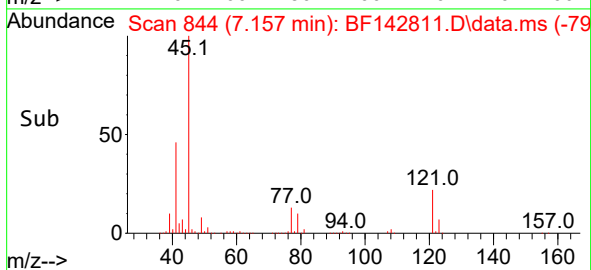
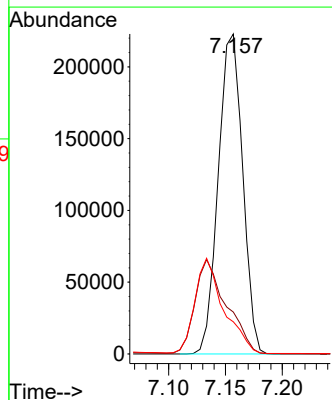
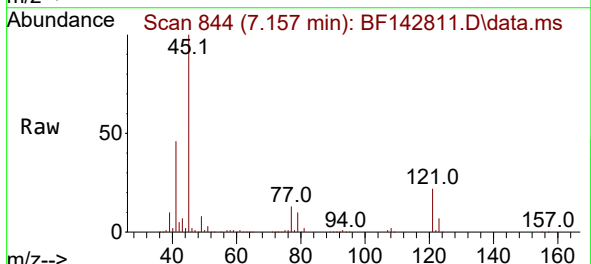
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

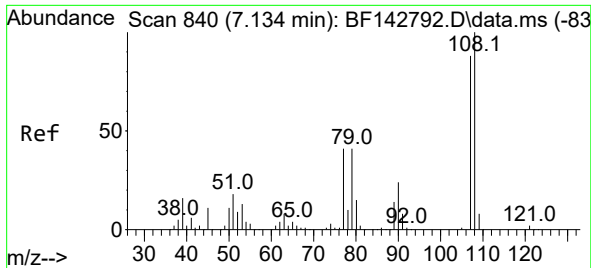
Tgt Ion: 79 Resp: 198970
Ion Ratio Lower Upper
79 100
108 77.7 63.4 95.0
77 61.2 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.607 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion: 45 Resp: 332544
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.8
79 10.1 0.0 29.8

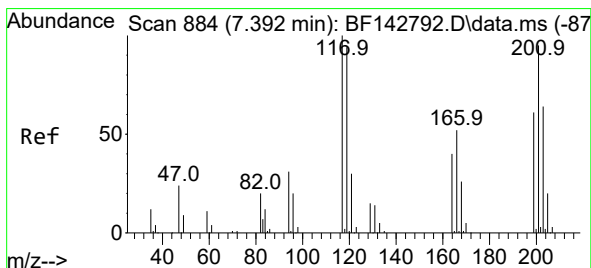
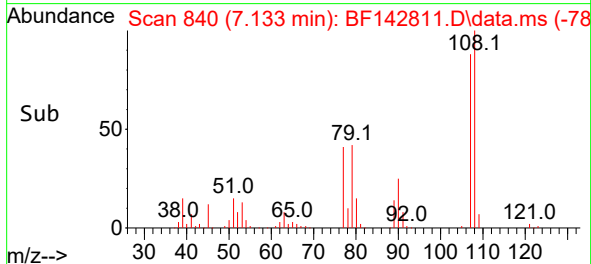
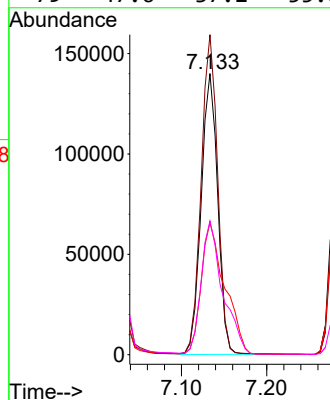
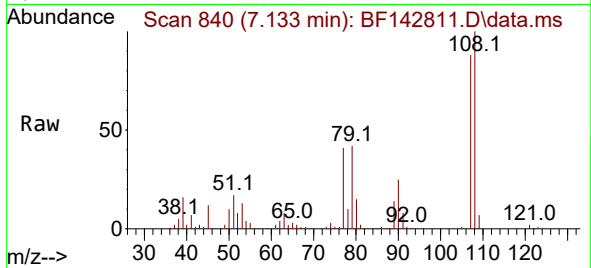




#17
2-Methylphenol
Concen: 43.355 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

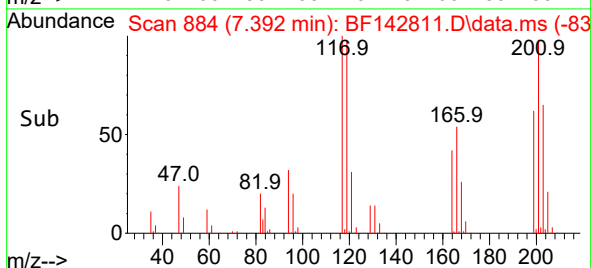
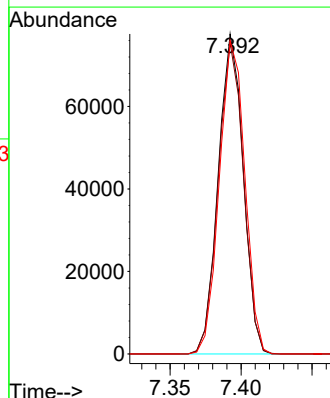
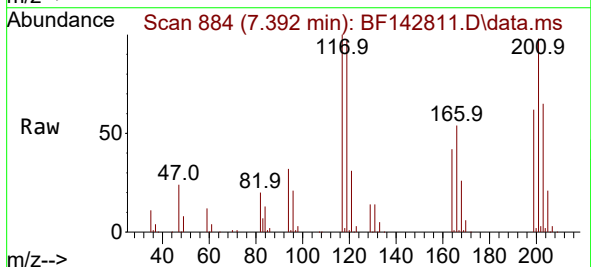
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

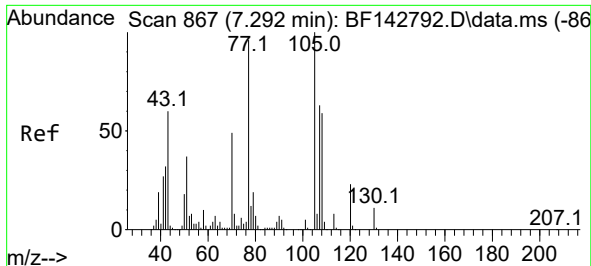
Tgt Ion:107 Resp: 188101
Ion Ratio Lower Upper
107 100
108 113.8 90.9 136.3
77 46.9 37.3 55.9
79 47.6 37.2 55.8



#18
Hexachloroethane
Concen: 42.065 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:117 Resp: 95048
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.0
201 97.9 75.9 113.9



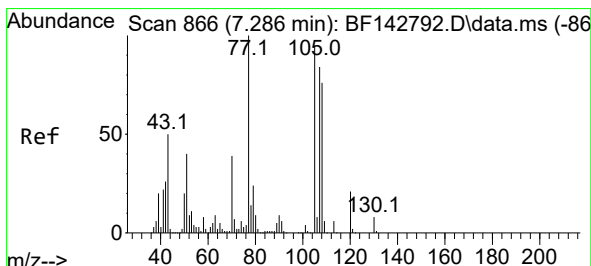
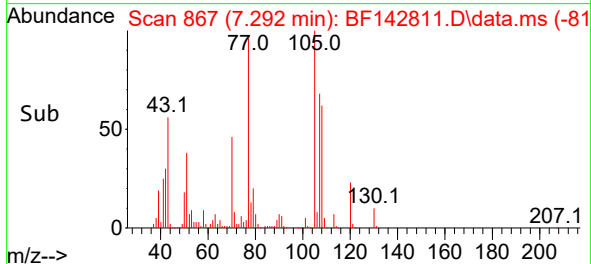
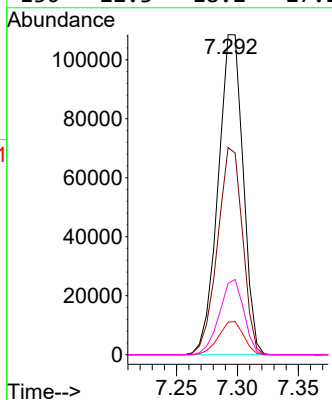
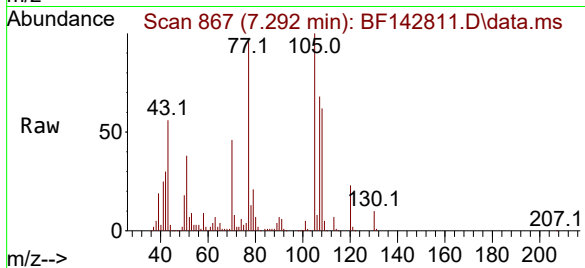


#19
n-Nitroso-di-n-propylamine
Concen: 42.594 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 155120

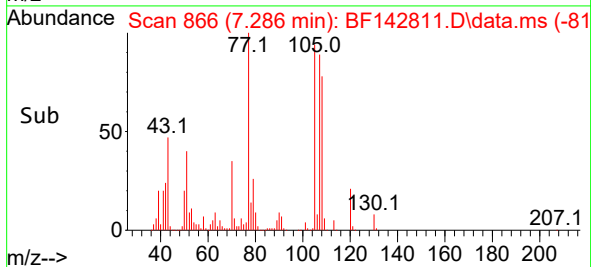
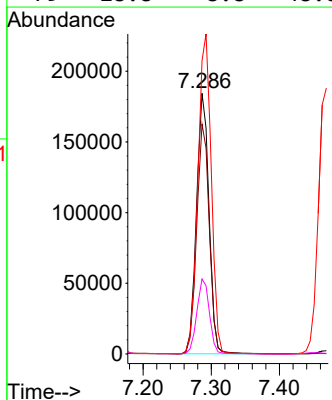
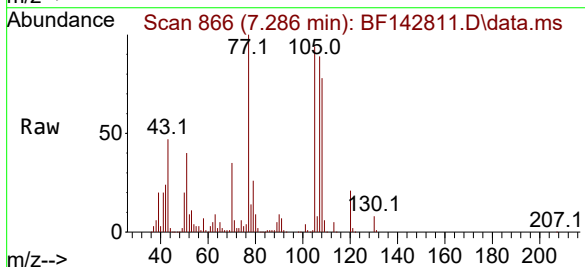
Ion	Ratio	Lower	Upper
70	100		
42	64.8	52.1	78.1
101	10.1	8.2	12.2
130	22.3	18.2	27.2

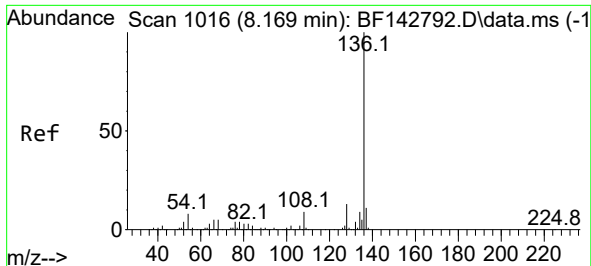


#20
3+4-Methylphenols
Concen: 43.463 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion: 107 Resp: 235113

Ion	Ratio	Lower	Upper
107	100		
108	88.2	70.0	110.0
77	112.5	98.5	138.5
79	28.8	8.8	48.8

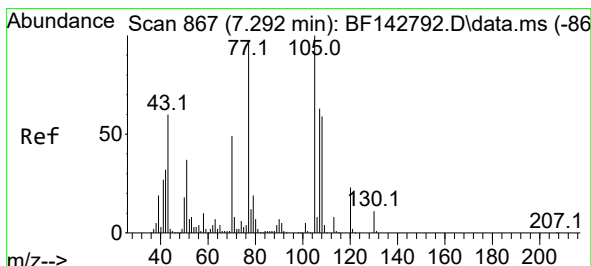
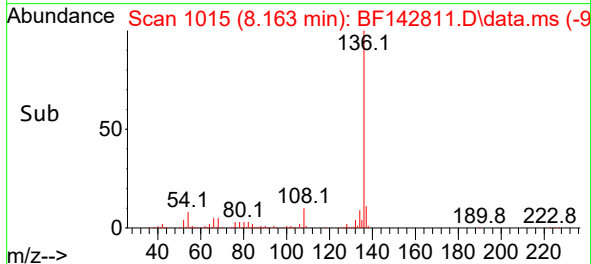
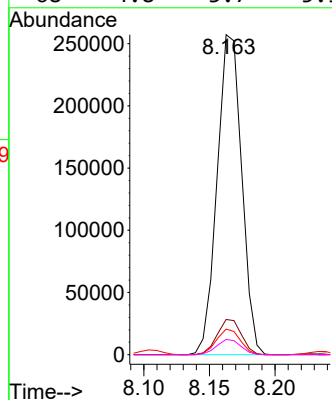
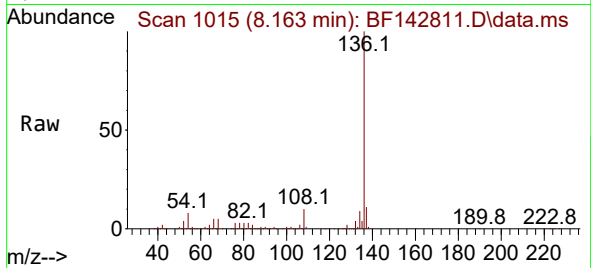




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

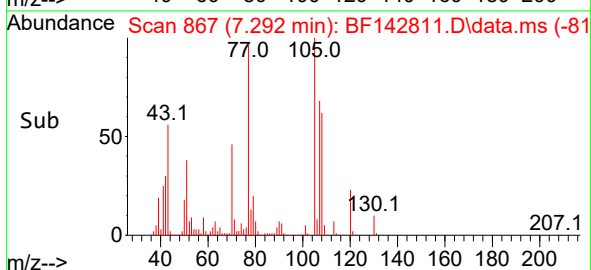
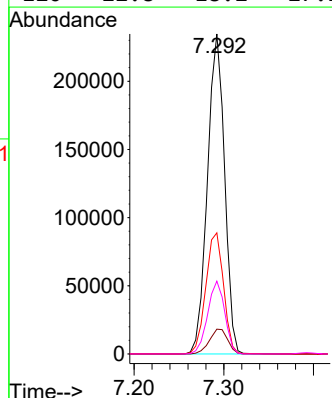
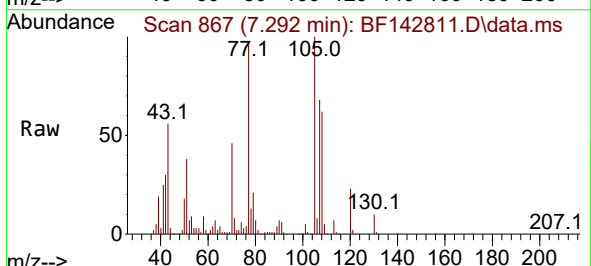
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

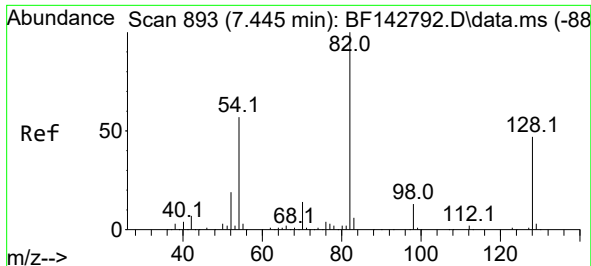
Tgt Ion:136 Resp: 335549
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.0 6.3 9.5
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 42.065 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:105 Resp: 311257
Ion Ratio Lower Upper
105 100
71 7.7 6.5 9.7
51 37.8 29.8 44.8
120 22.8 18.2 27.2





#23

Nitrobenzene-d5

Concen: 86.048 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

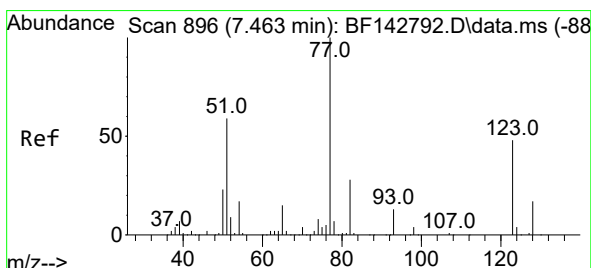
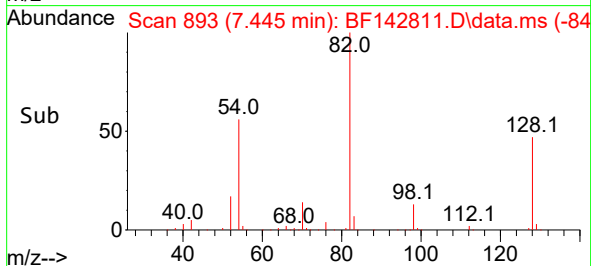
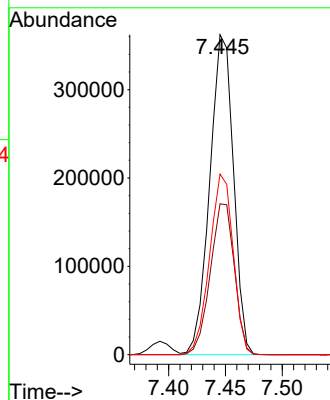
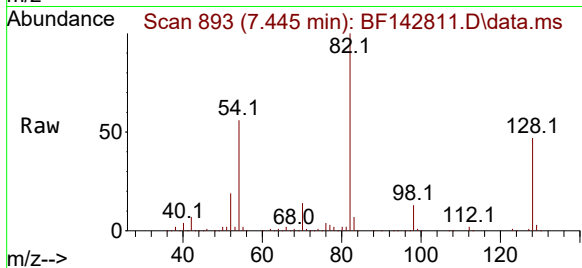
Tgt Ion: 82 Resp: 526395

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 56.4 45.7 68.5



#24

Nitrobenzene

Concen: 42.892 ng

RT: 7.469 min Scan# 897

Delta R.T. 0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

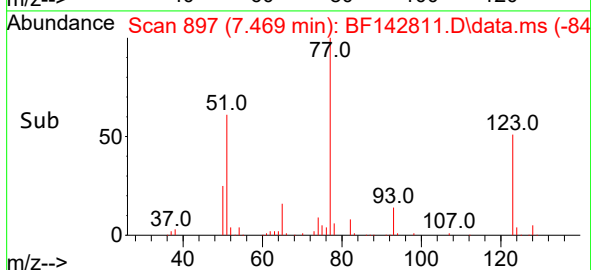
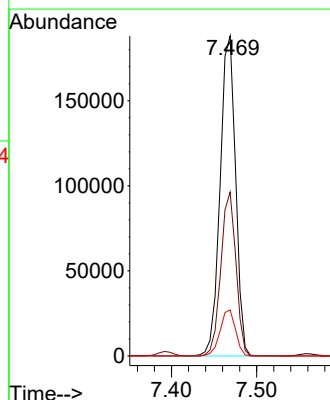
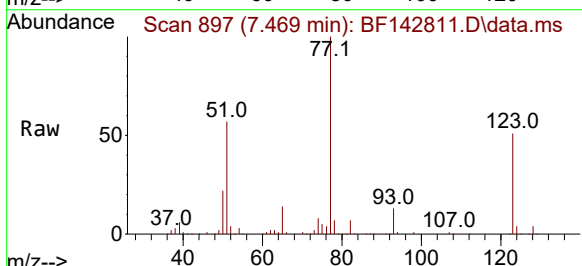
Tgt Ion: 77 Resp: 237487

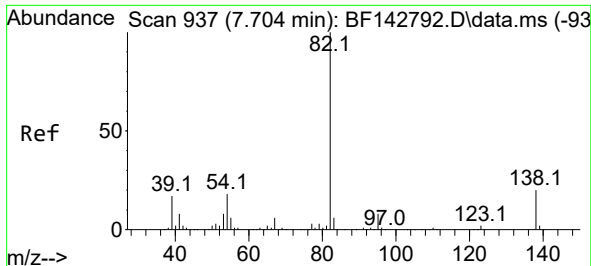
Ion Ratio Lower Upper

77 100

123 51.2 39.2 58.8

65 14.4 11.6 17.4

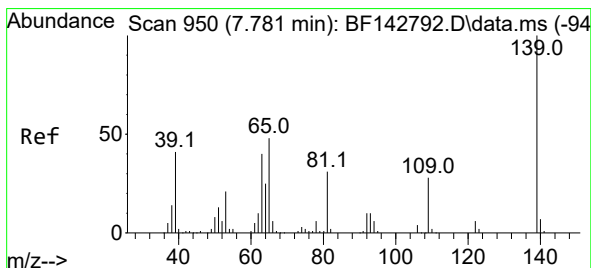
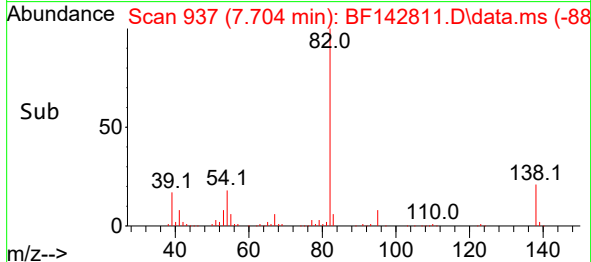
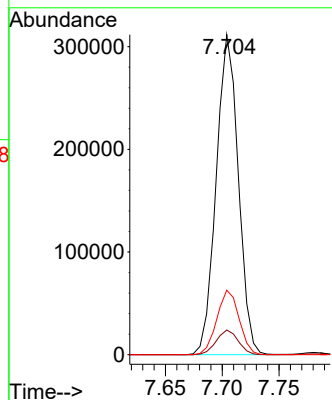
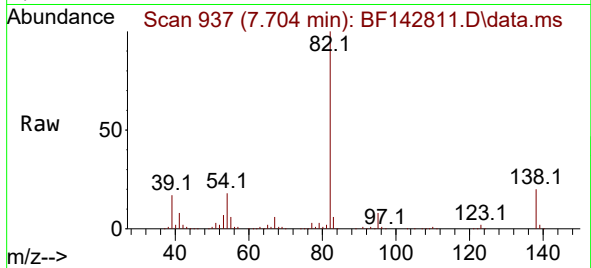




#25
Isophorone
Concen: 43.017 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

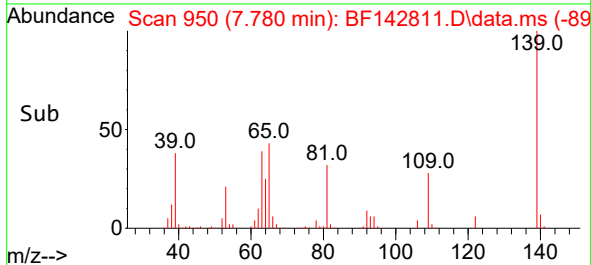
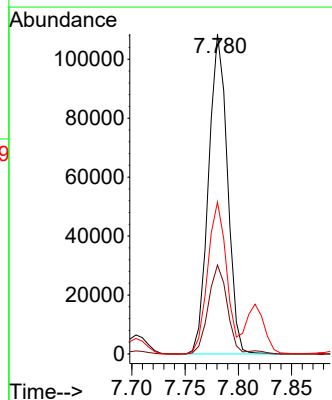
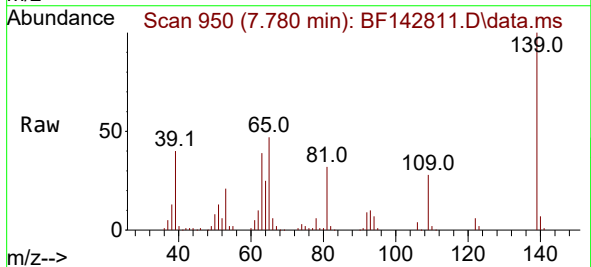
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

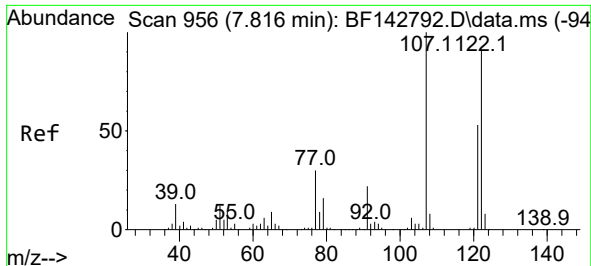
Tgt Ion: 82 Resp: 422145
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.1 16.2 24.4



#26
2-Nitrophenol
Concen: 44.426 ng
RT: 7.780 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:139 Resp: 133998
Ion Ratio Lower Upper
139 100
109 27.8 22.7 34.1
65 47.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.887 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

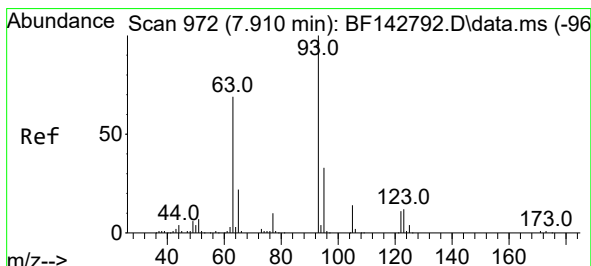
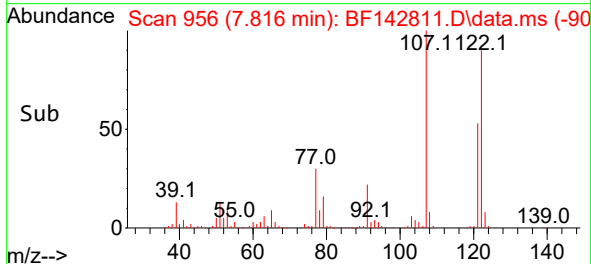
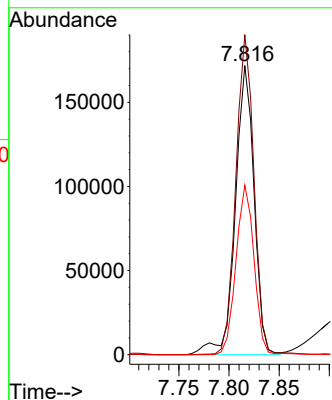
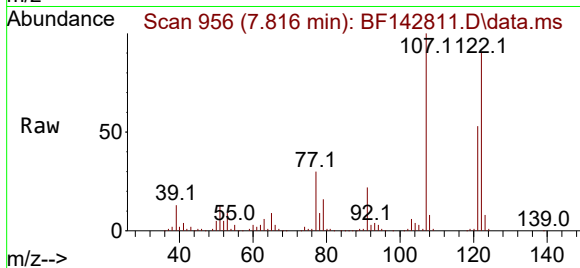
Tgt Ion:122 Resp: 224066

Ion Ratio Lower Upper

122 100

107 110.7 88.0 132.0

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.485 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

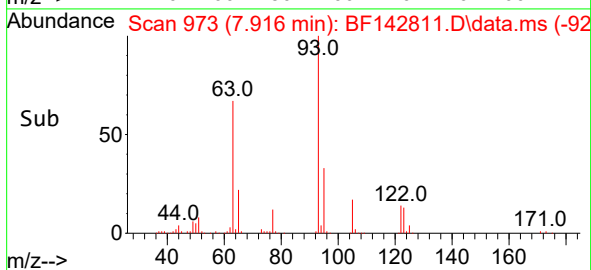
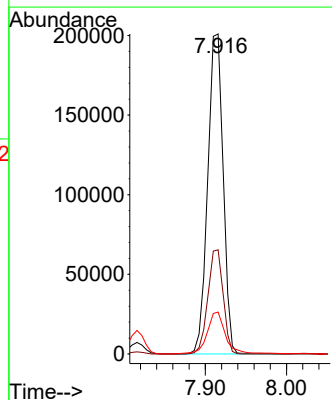
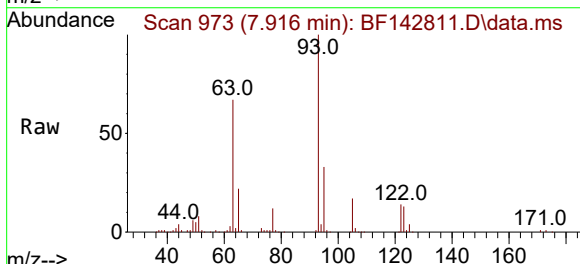
Tgt Ion: 93 Resp: 265061

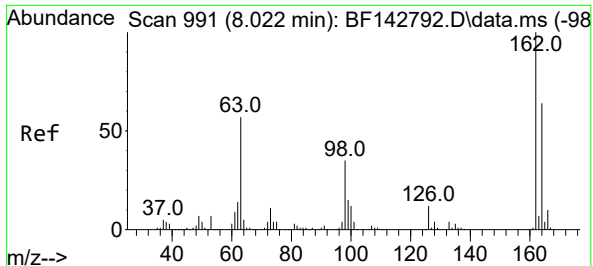
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 13.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.933 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF142811.D

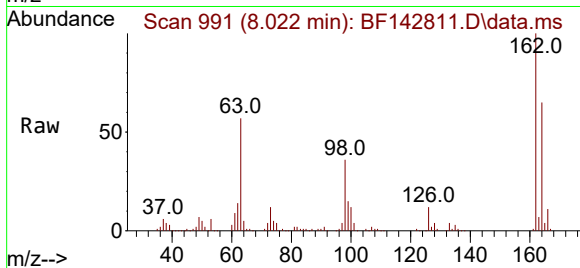
Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



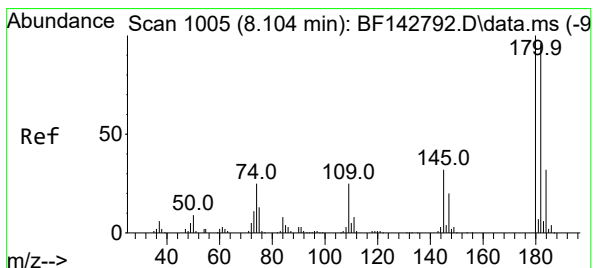
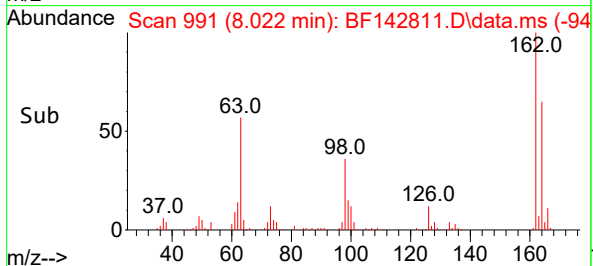
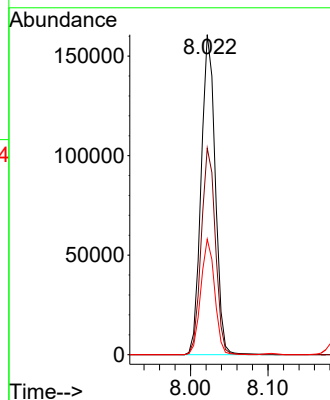
Tgt Ion:162 Resp: 203381

Ion Ratio Lower Upper

162 100

164 64.6 44.0 84.0

98 36.1 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 41.857 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

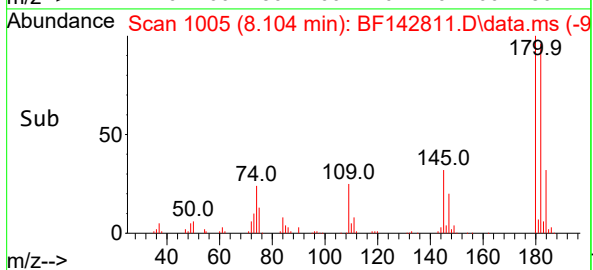
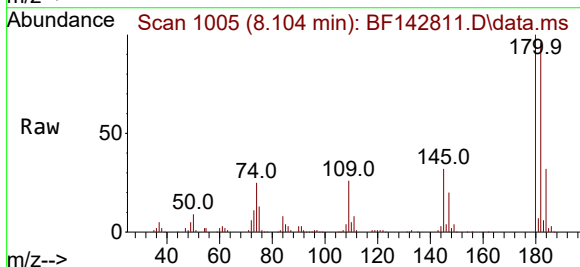
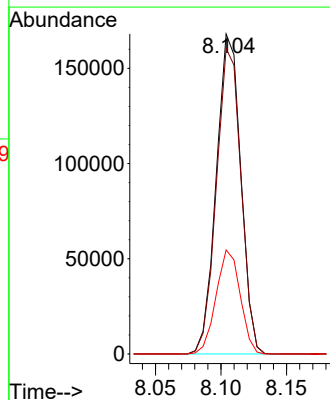
Tgt Ion:180 Resp: 218035

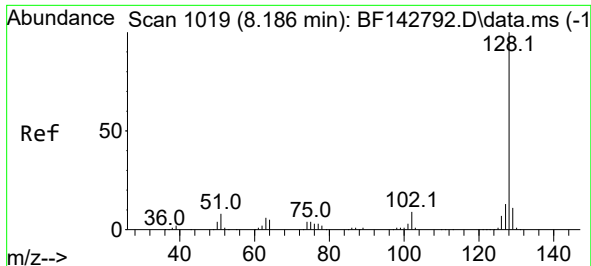
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 32.5 25.8 38.8

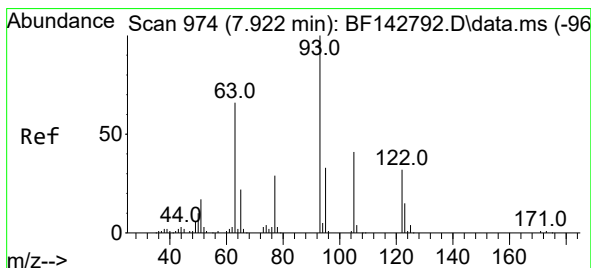
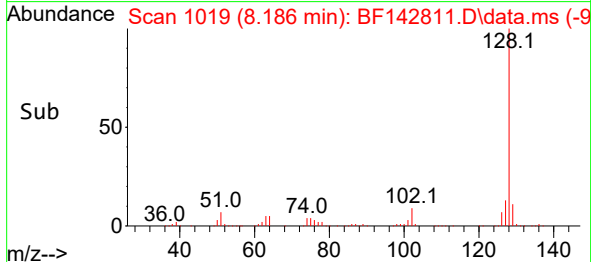
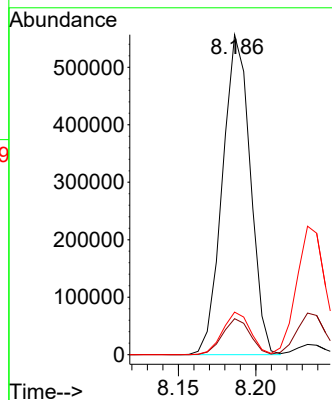
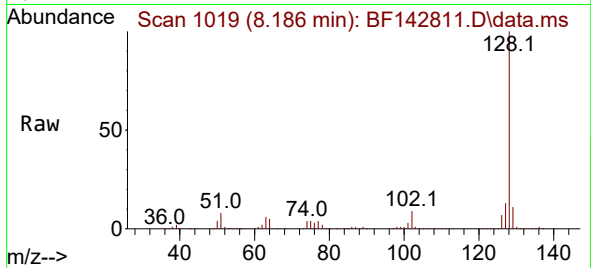




#31
Naphthalene
Concen: 42.387 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

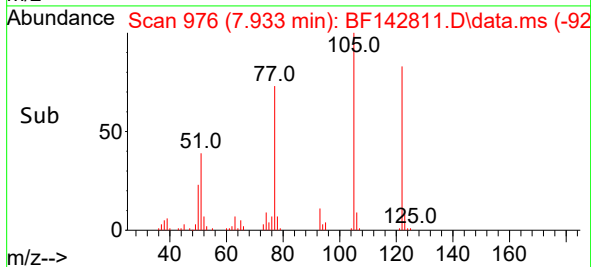
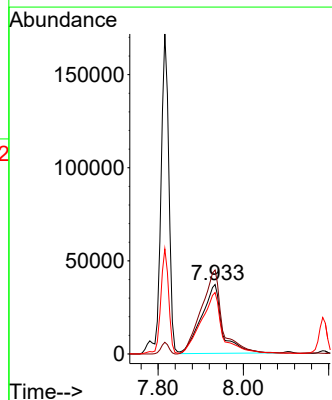
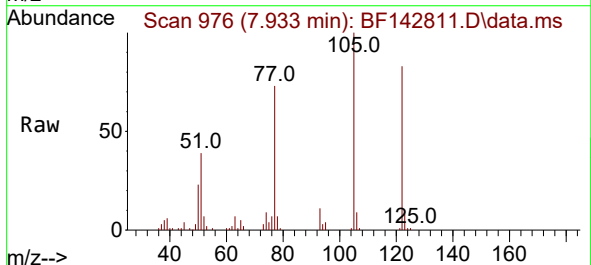
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

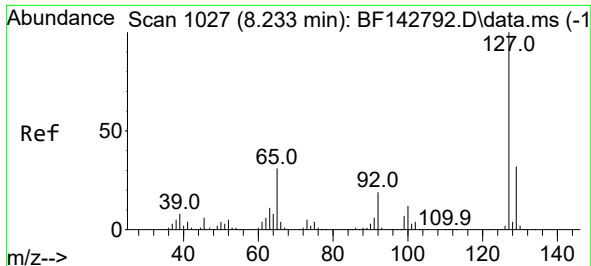
Tgt Ion:128 Resp: 696192
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 47.690 ng
RT: 7.933 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:122 Resp: 126992
Ion Ratio Lower Upper
122 100
105 120.9 104.7 144.7
77 88.5 70.2 110.2

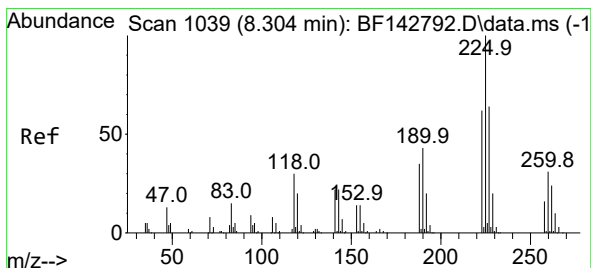
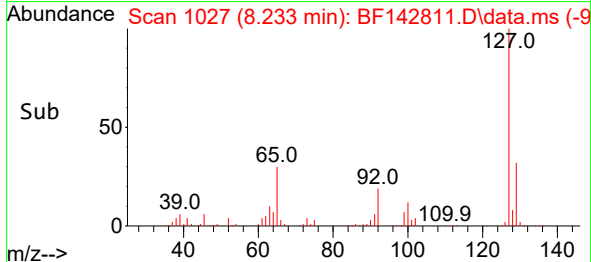
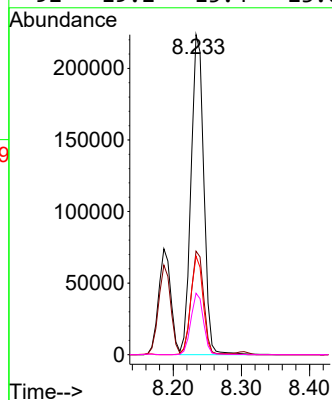
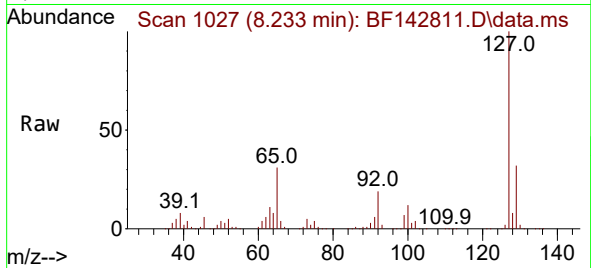




#33
4-Chloroaniline
Concen: 43.241 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

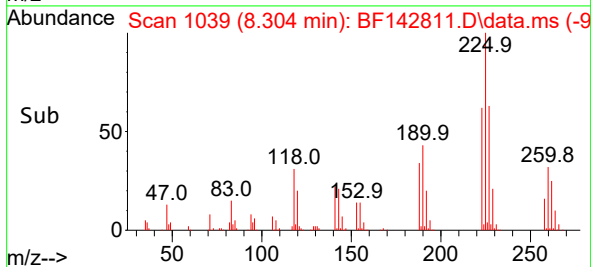
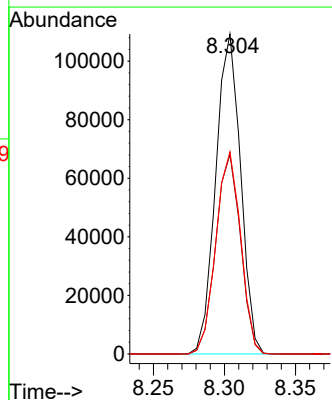
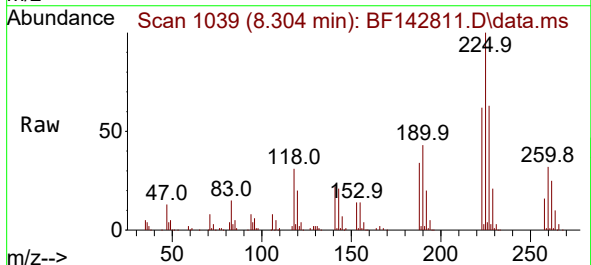
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

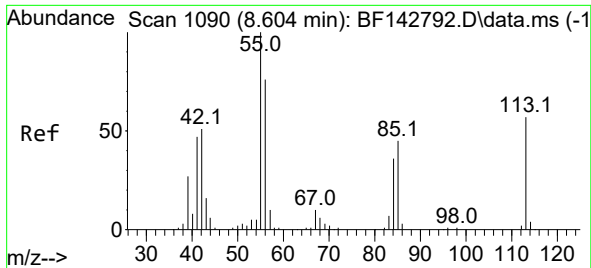
Tgt Ion:127	Resp: 288786
Ion Ratio	Lower Upper
127 100	
129 32.3	25.9 38.9
65 30.8	24.6 36.8
92 19.2	15.4 23.0



#34
Hexachlorobutadiene
Concen: 41.657 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt	Ion:225	Resp:	132733
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.9	74.9
227	63.2	51.4	77.0

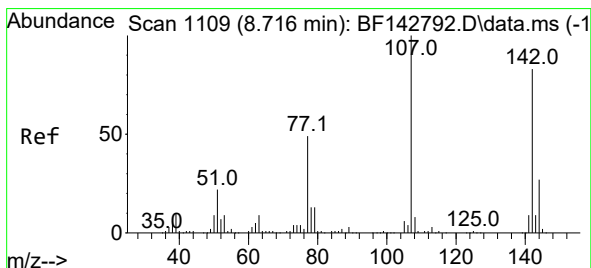
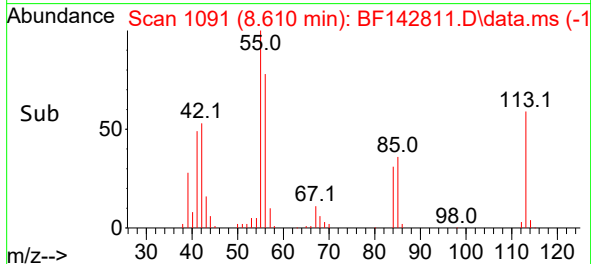
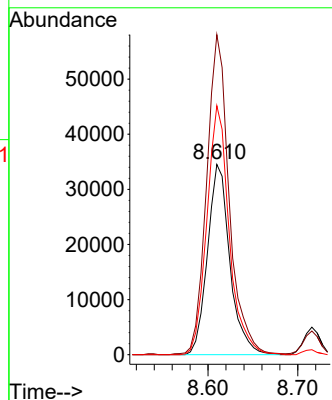
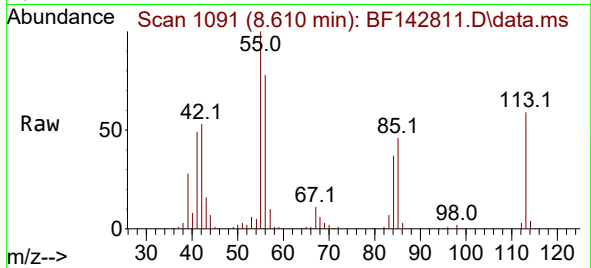




#35
 Caprolactam
 Concen: 47.805 ng
 RT: 8.610 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: BF142811.D
 Acq: 24 Jun 2025 10:16

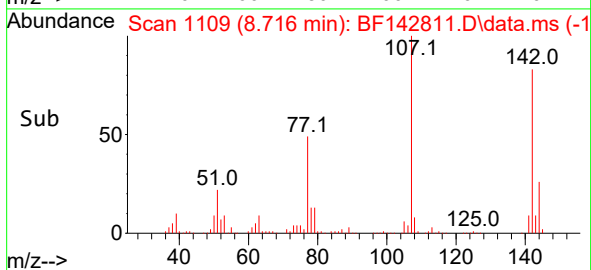
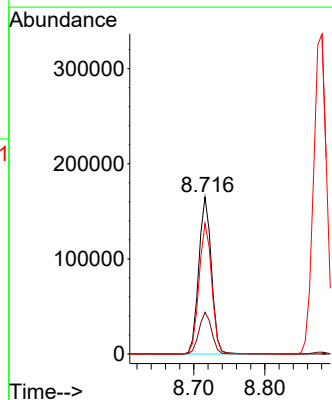
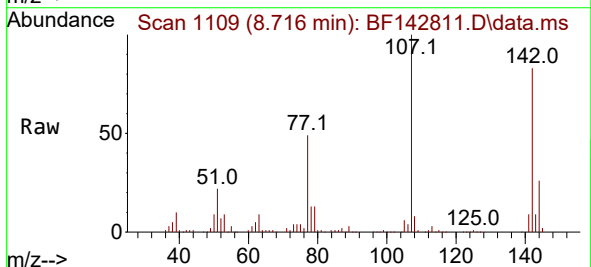
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

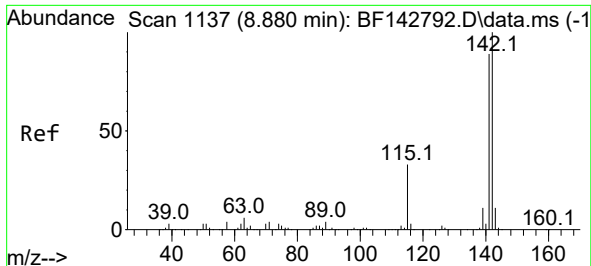
Tgt Ion:113 Resp: 59758
 Ion Ratio Lower Upper
 113 100
 55 168.1 154.4 194.4
 56 130.8 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.575 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF142811.D
 Acq: 24 Jun 2025 10:16

Tgt Ion:107 Resp: 205152
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.3 31.9
 142 83.2 66.6 100.0

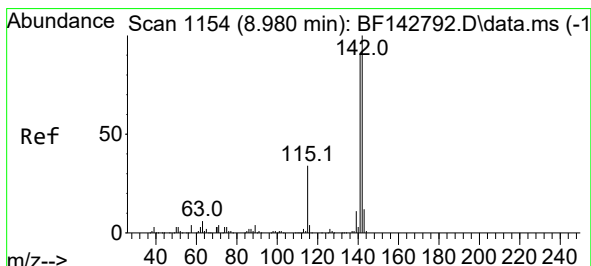
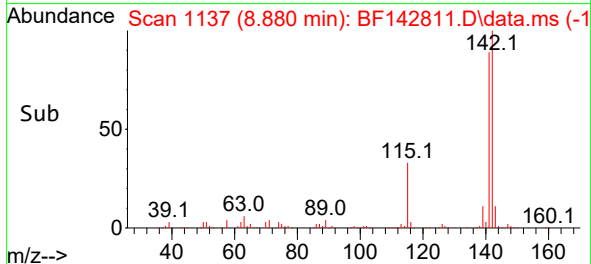
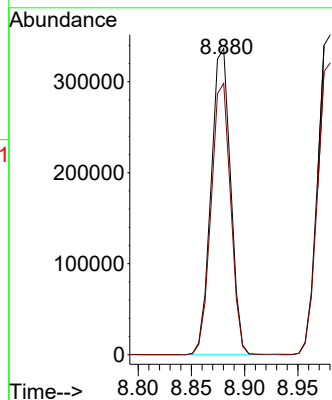
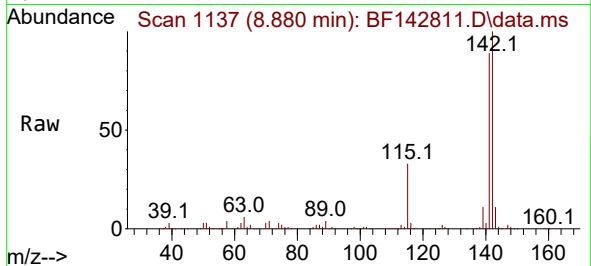




#37
2-Methylnaphthalene
Concen: 42.288 ng
RT: 8.880 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

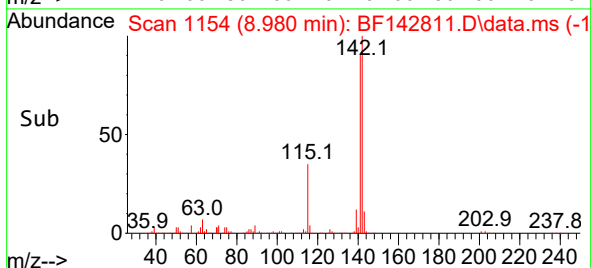
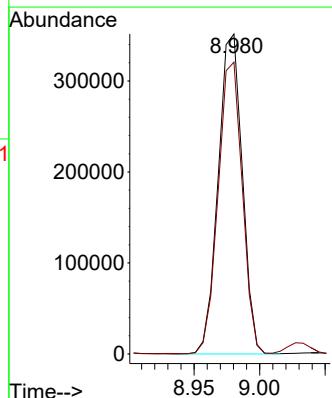
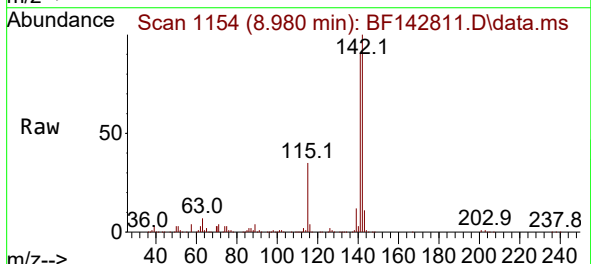
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

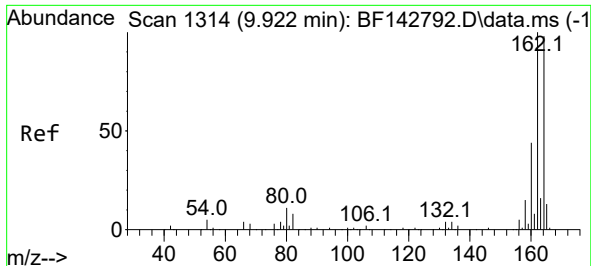
Tgt Ion:142 Resp: 430600
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#38
1-Methylnaphthalene
Concen: 42.617 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:142 Resp: 449219
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.921 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

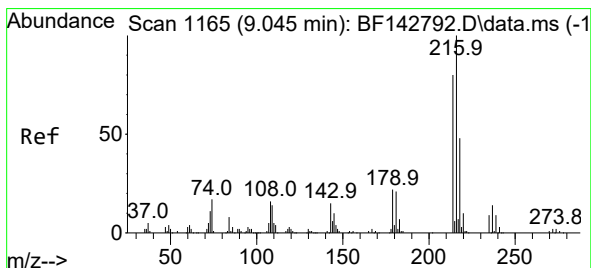
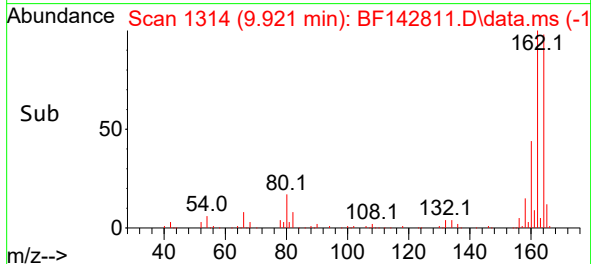
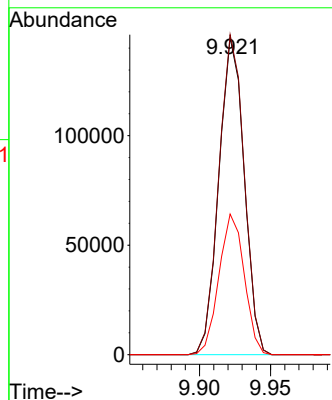
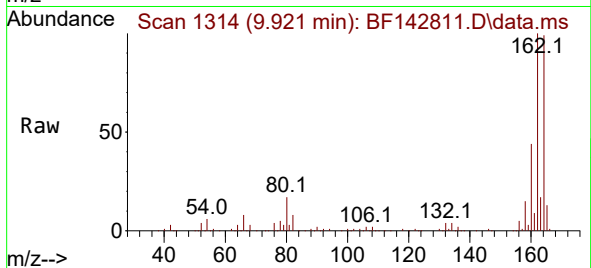
Tgt Ion:164 Resp: 179366

Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.8

160 44.4 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.047 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Tgt Ion:216 Resp: 217242

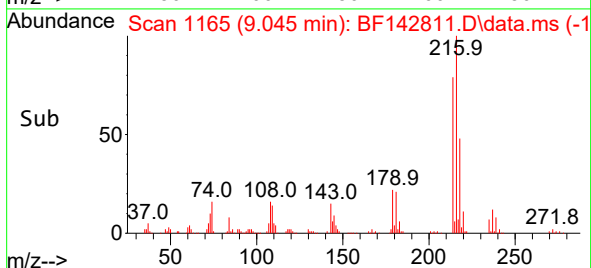
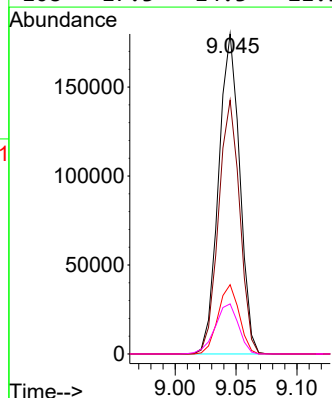
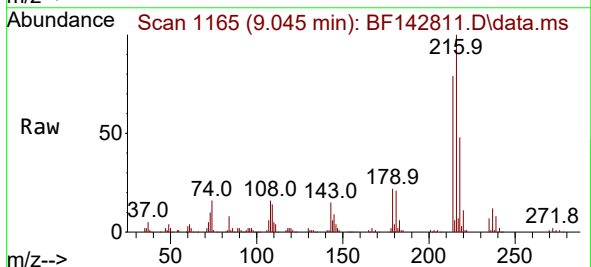
Ion Ratio Lower Upper

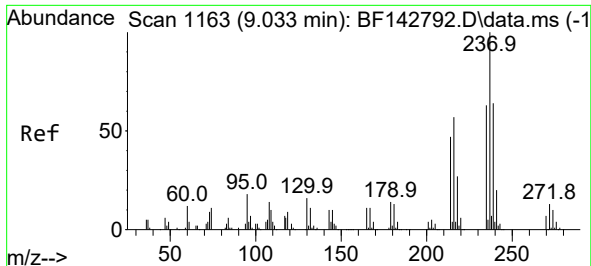
216 100

214 79.1 63.7 95.5

179 21.6 17.6 26.4

108 17.3 14.3 21.5

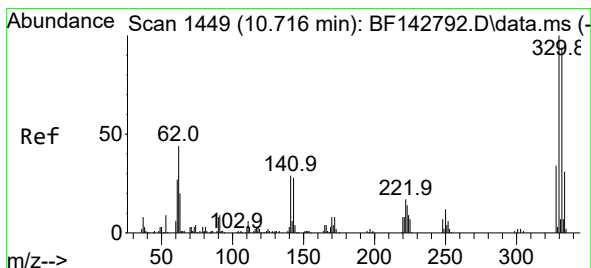
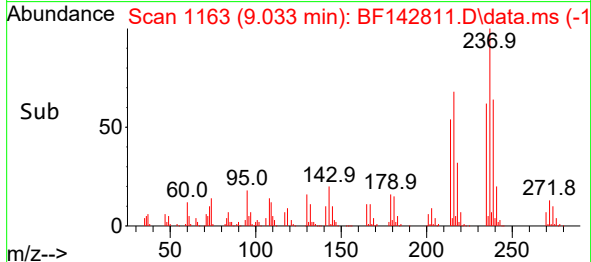
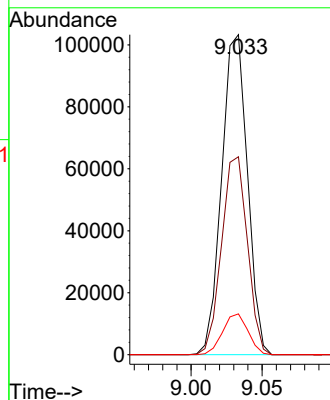
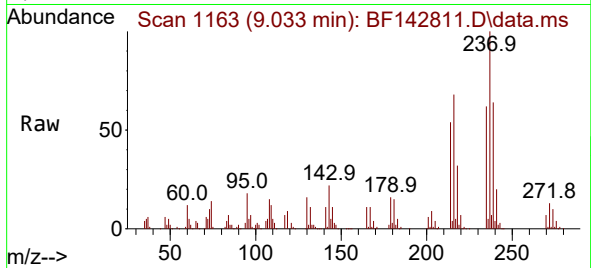




#41
Hexachlorocyclopentadiene
Concen: 43.326 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

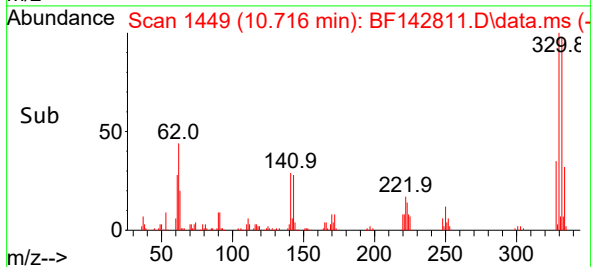
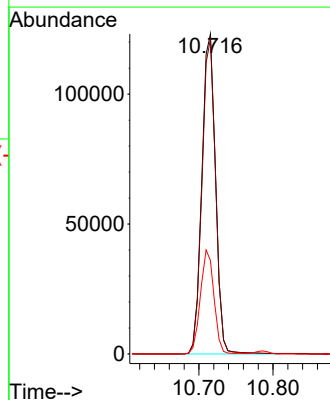
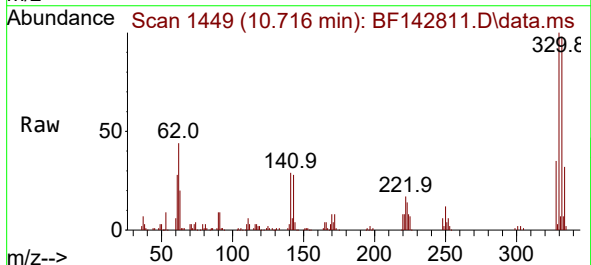
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

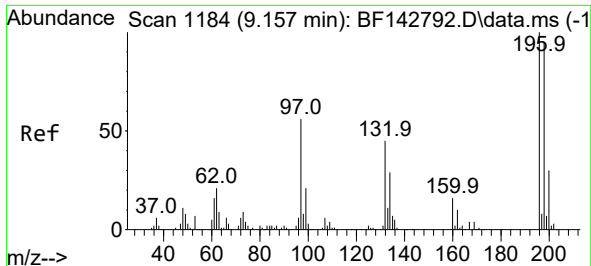
Tgt Ion:237 Resp: 130125
Ion Ratio Lower Upper
237 100
235 61.9 43.4 83.4
272 12.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 85.321 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:330 Resp: 157486
Ion Ratio Lower Upper
330 100
332 98.1 75.0 112.6
141 32.3 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 41.837 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

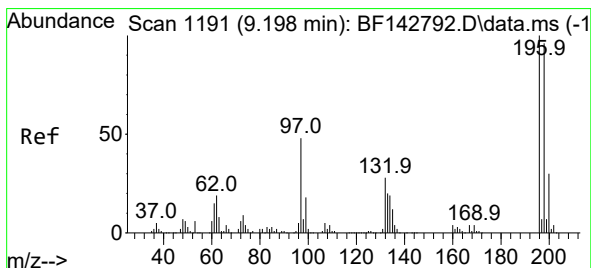
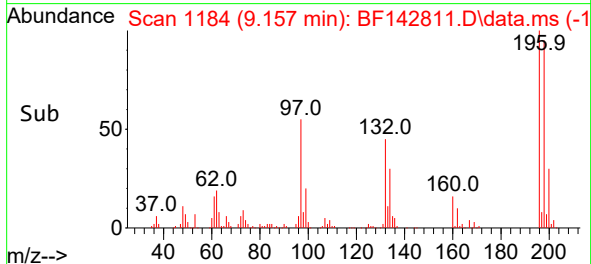
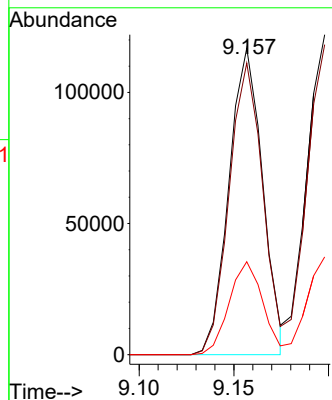
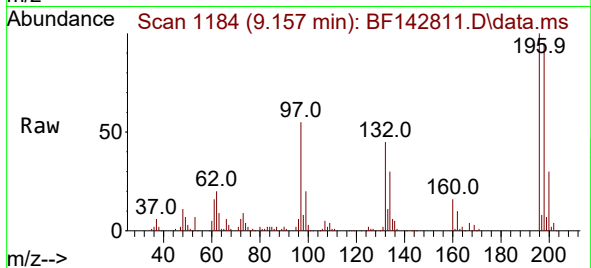
Tgt Ion:196 Resp: 144284

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

200 30.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.597 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Tgt Ion:196 Resp: 154645

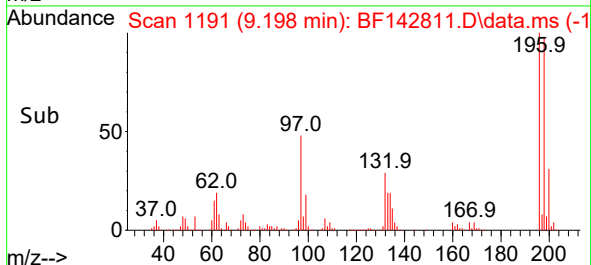
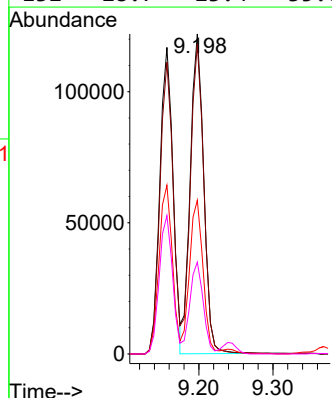
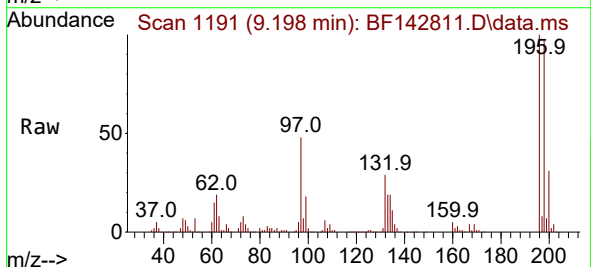
Ion Ratio Lower Upper

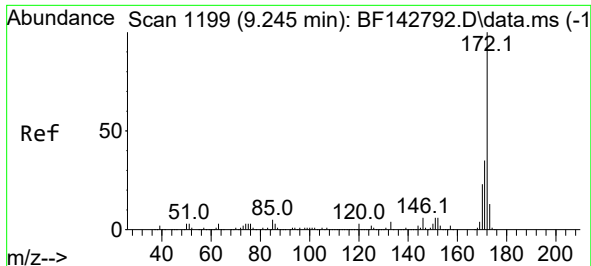
196 100

198 96.9 76.6 115.0

97 48.1 38.2 57.2

132 28.7 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 79.482 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

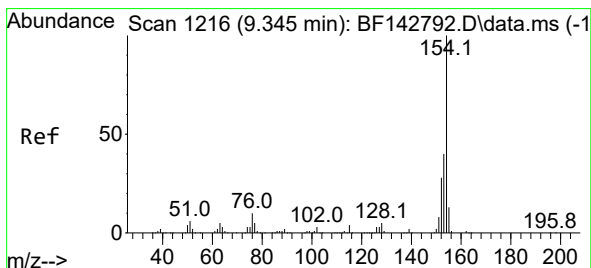
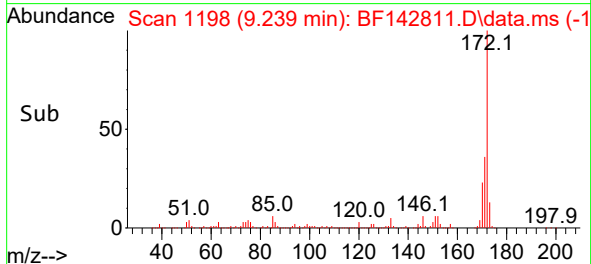
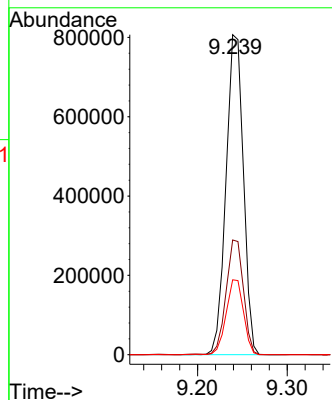
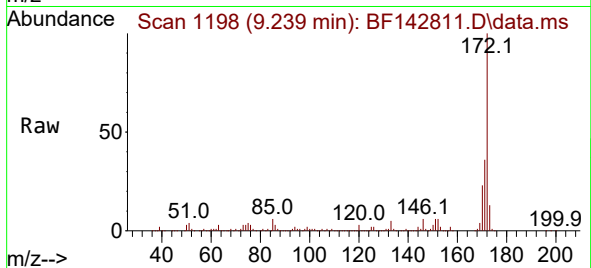
Tgt Ion:172 Resp: 1085224

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.4 18.5 27.7



#46

1,1'-Biphenyl

Concen: 41.200 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

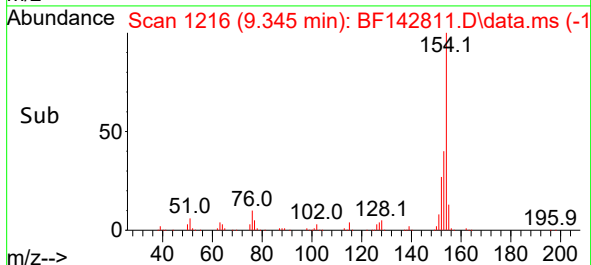
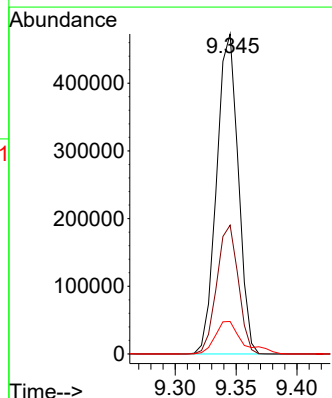
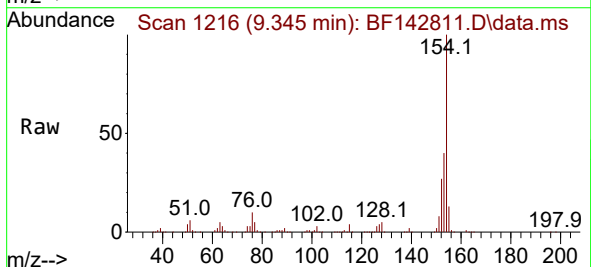
Tgt Ion:154 Resp: 583765

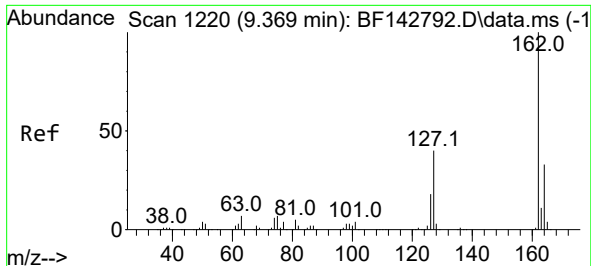
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 10.2 0.0 30.3





#47

2-Chloronaphthalene

Concen: 41.367 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

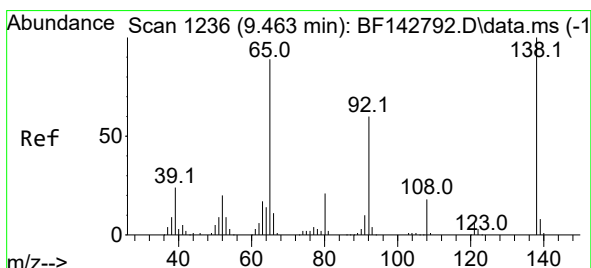
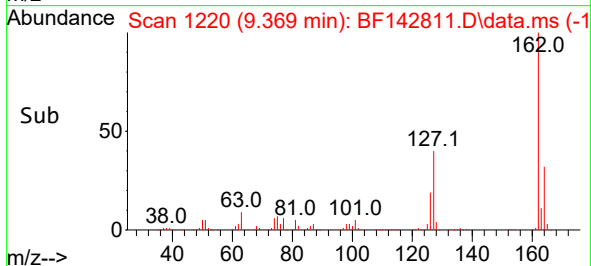
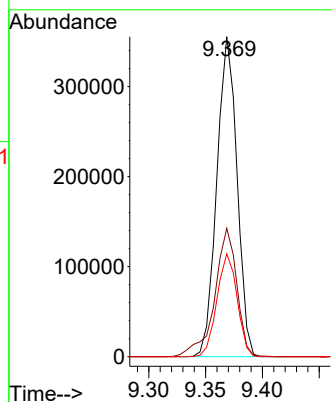
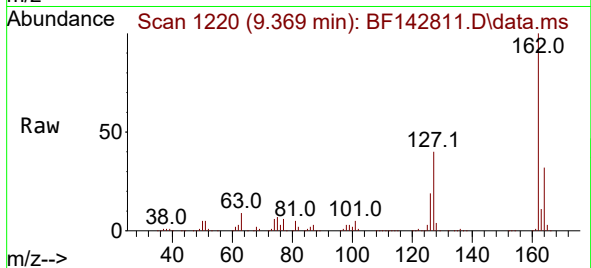
Tgt Ion:162 Resp: 439850

Ion Ratio Lower Upper

162 100

127 40.1 32.2 48.2

164 32.2 26.1 39.1



#48

2-Nitroaniline

Concen: 43.907 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

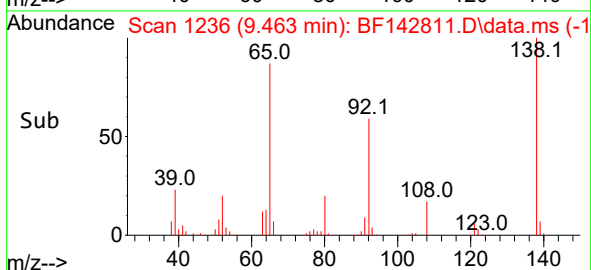
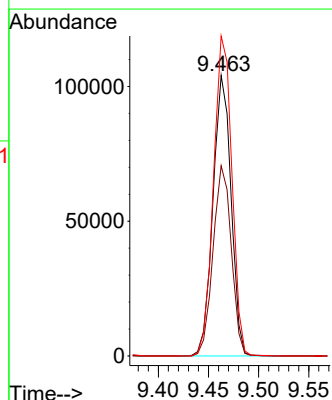
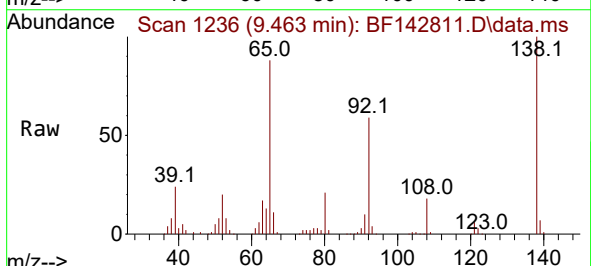
Tgt Ion: 65 Resp: 130885

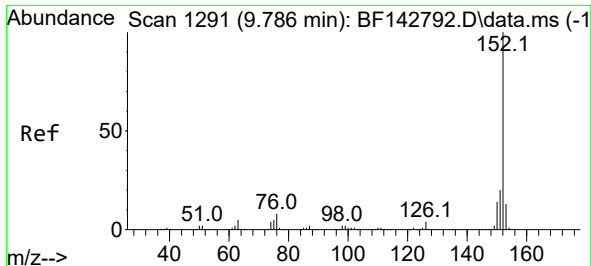
Ion Ratio Lower Upper

65 100

92 67.8 53.8 80.6

138 114.1 89.6 134.4

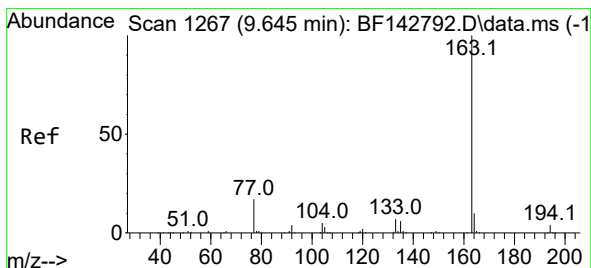
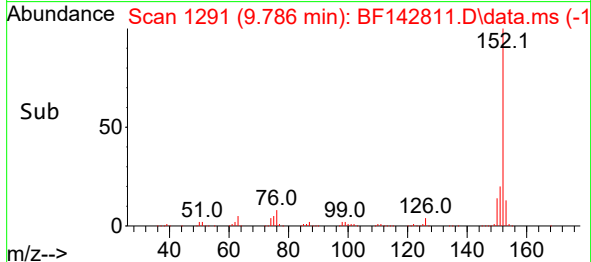
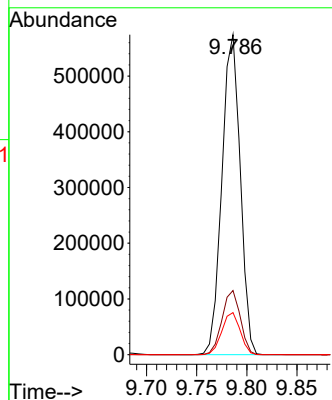
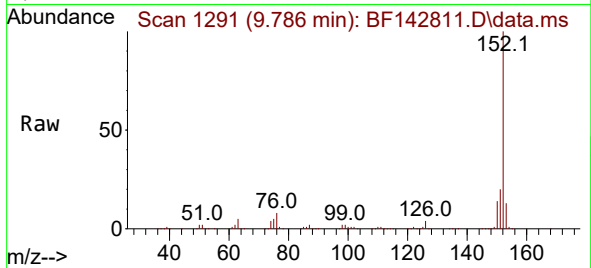




#49
Acenaphthylene
Concen: 41.654 ng
RT: 9.786 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

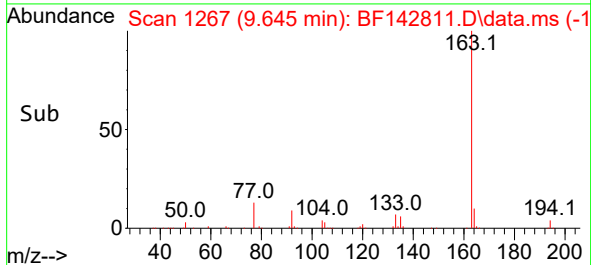
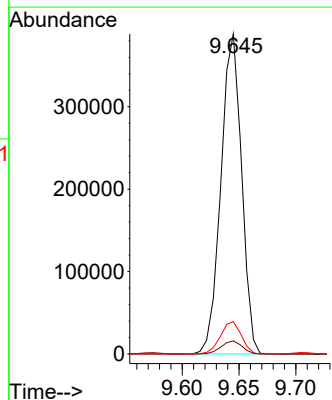
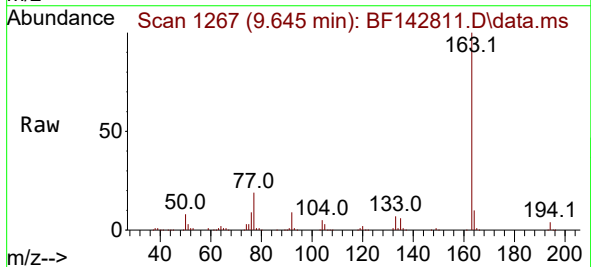
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

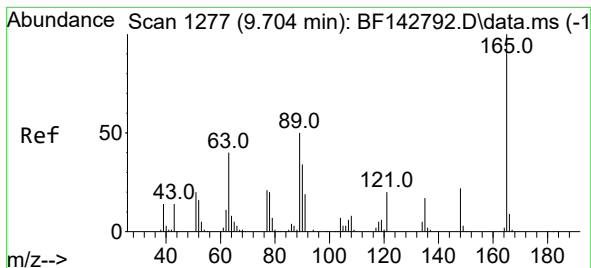
Tgt Ion:152 Resp: 729096
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 42.321 ng
RT: 9.645 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:163 Resp: 491365
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.0 12.0

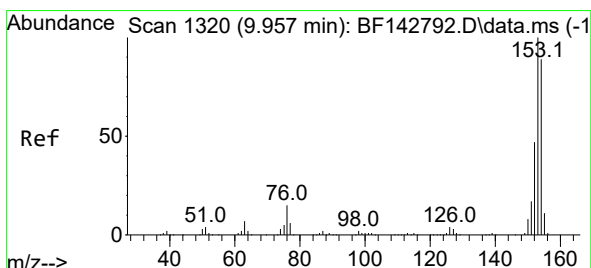
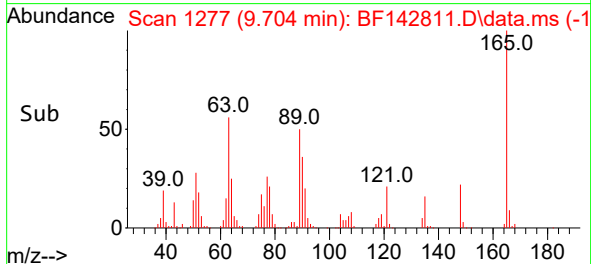
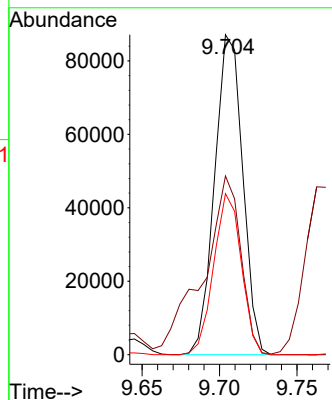
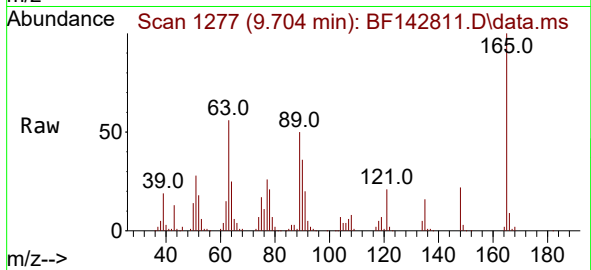




#51
2,6-Dinitrotoluene
Concen: 43.151 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

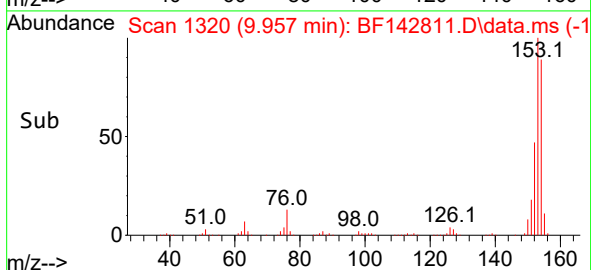
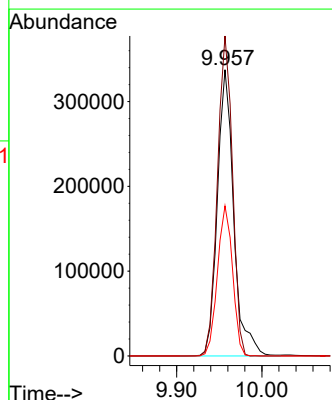
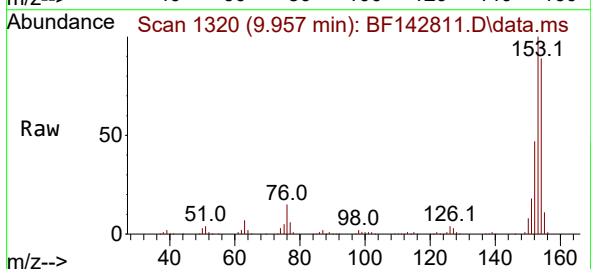
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

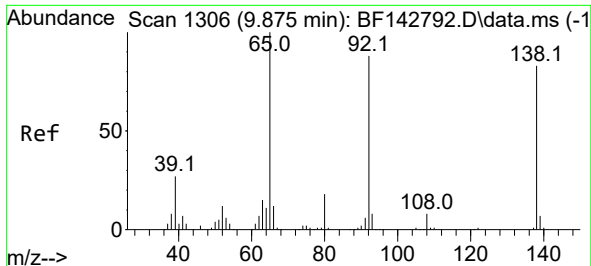
Tgt Ion:165 Resp: 110024
Ion Ratio Lower Upper
165 100
63 55.9 44.2 66.4
89 50.3 39.8 59.8



#52
Acenaphthene
Concen: 42.190 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:154 Resp: 450566
Ion Ratio Lower Upper
154 100
153 111.8 90.0 135.0
152 52.5 41.9 62.9

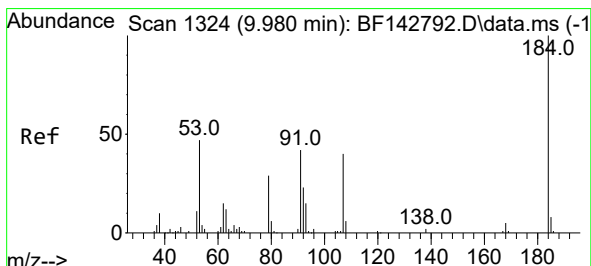
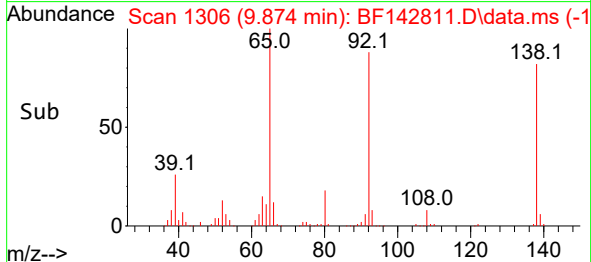
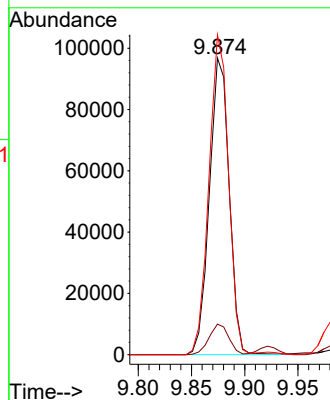
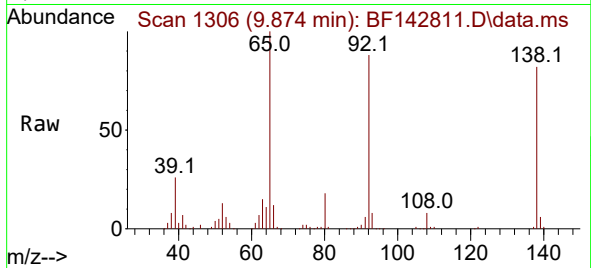




#53
3-Nitroaniline
Concen: 44.627 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

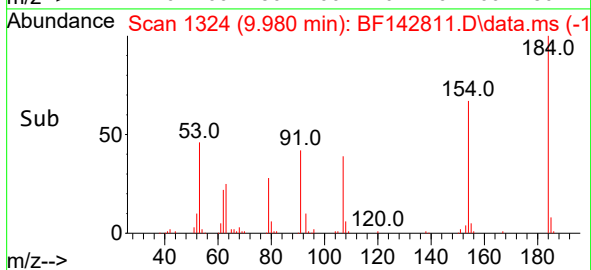
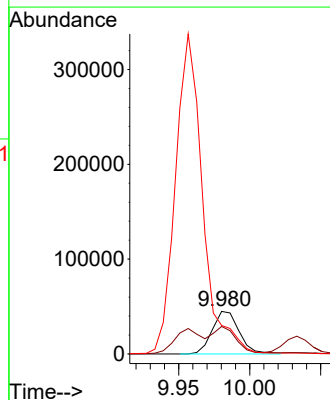
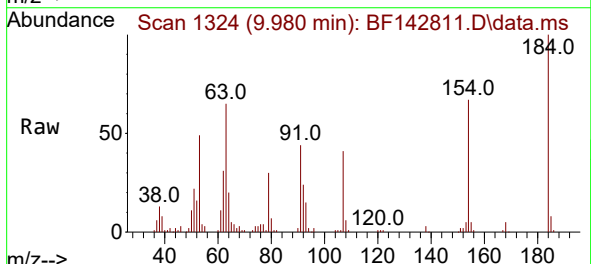
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

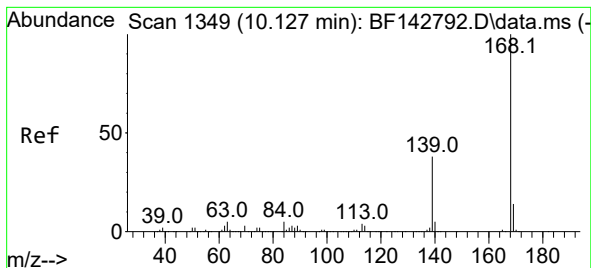
Tgt Ion:138 Resp: 125282
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 107.9 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 46.693 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:184 Resp: 59614
Ion Ratio Lower Upper
184 100
63 64.5 50.6 75.8
154 66.7 51.8 77.8





#55

Dibenzofuran

Concen: 41.762 ng

RT: 10.127 min Scan# 1349

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

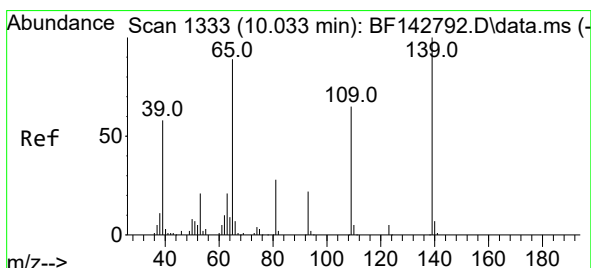
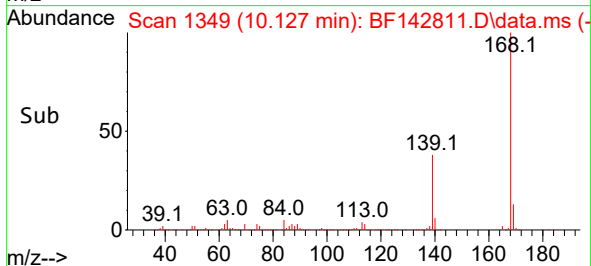
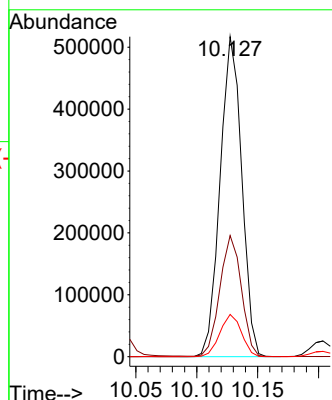
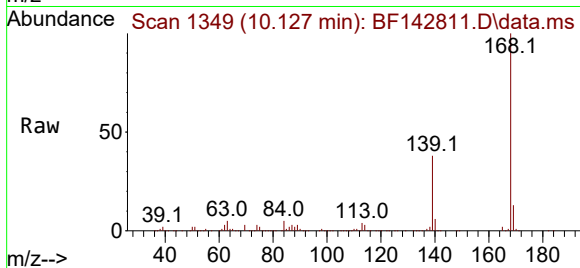
Tgt Ion:168 Resp: 639543

Ion Ratio Lower Upper

168 100

139 37.8 30.2 45.4

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 45.954 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

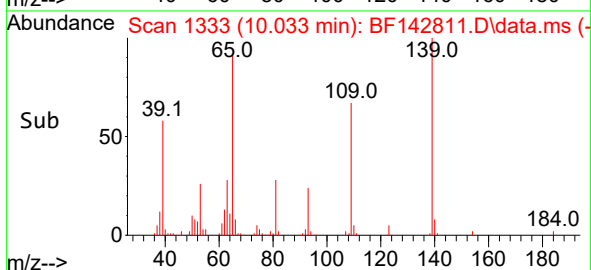
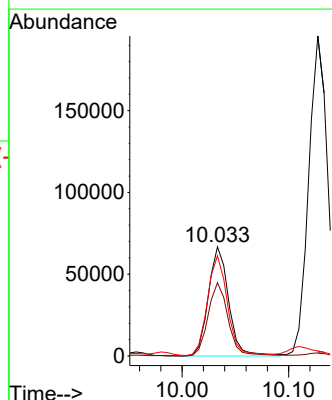
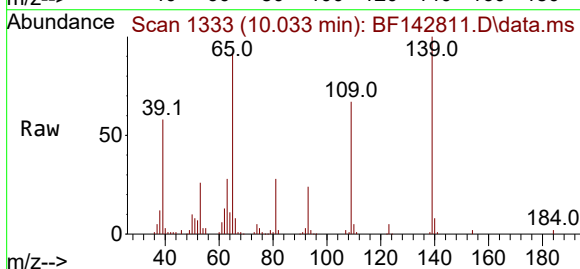
Tgt Ion:139 Resp: 88318

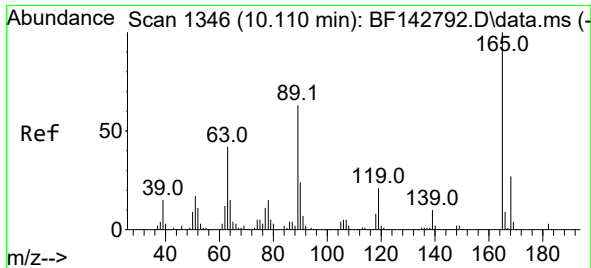
Ion Ratio Lower Upper

139 100

109 67.1 44.7 84.7

65 91.8 69.8 109.8

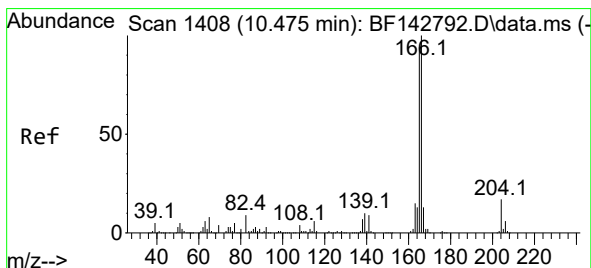
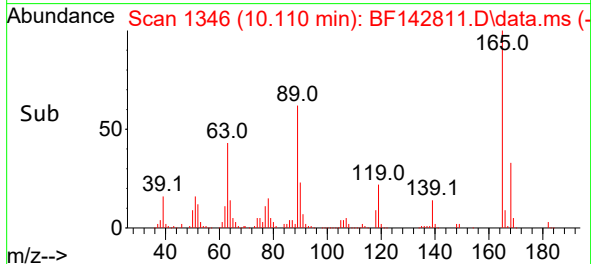
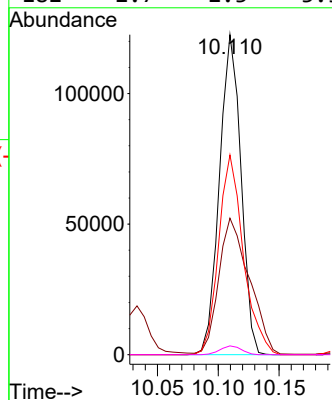
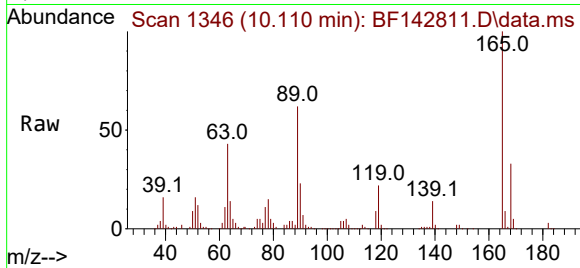




#57
2,4-Dinitrotoluene
Concen: 44.512 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

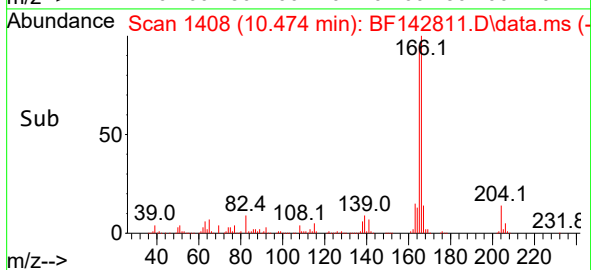
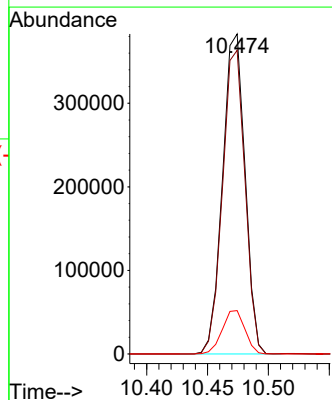
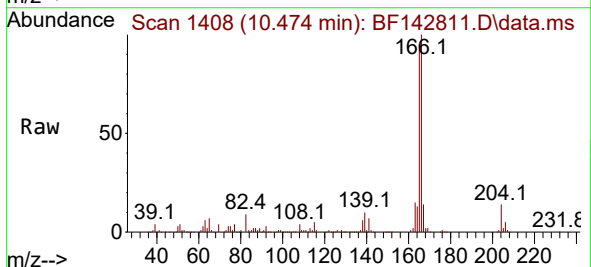
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

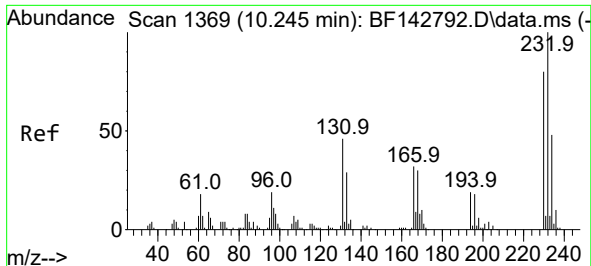
Tgt Ion:165 Resp: 150754
Ion Ratio Lower Upper
165 100
63 42.7 33.9 50.9
89 62.4 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 41.167 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:166 Resp: 492361
Ion Ratio Lower Upper
166 100
165 94.9 75.2 112.8
167 13.6 10.6 15.8

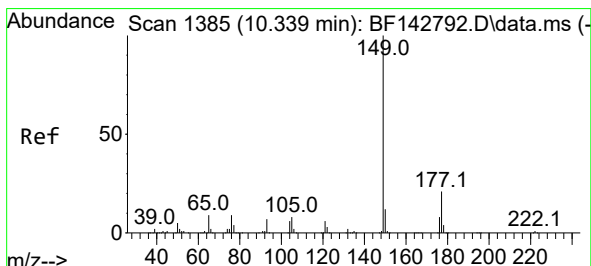
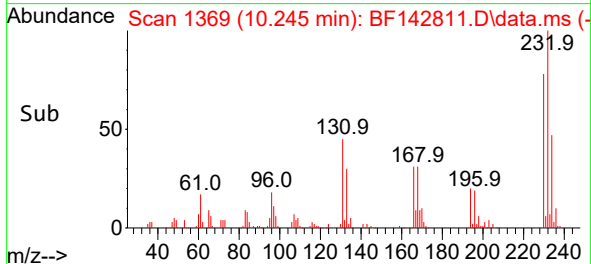
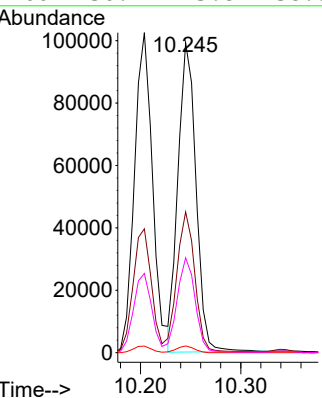
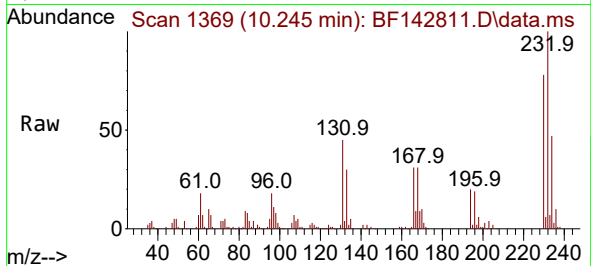




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.190 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

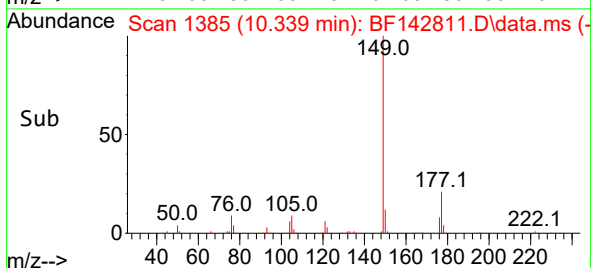
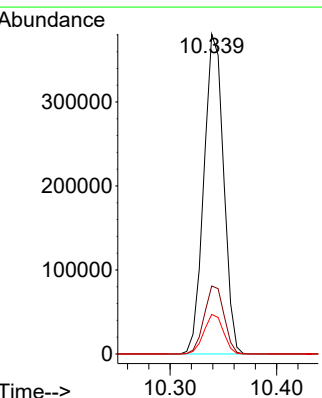
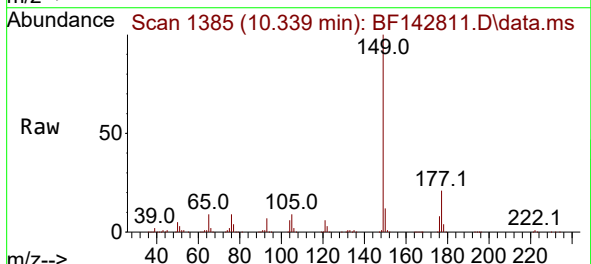
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

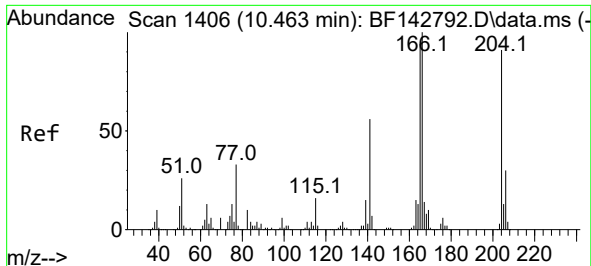
Tgt Ion:232 Resp: 123461
Ion Ratio Lower Upper
232 100
131 46.6 37.6 56.4
130 2.2 1.7 2.5
166 30.9 25.8 38.6



#60
Diethylphthalate
Concen: 42.873 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:149 Resp: 488058
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.3 9.8 14.6

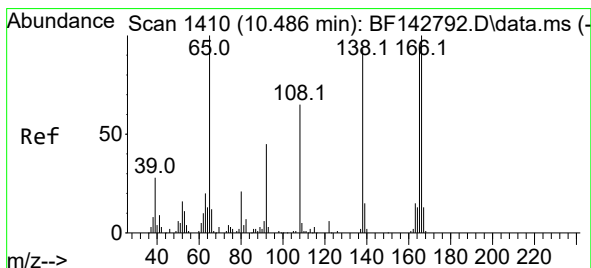
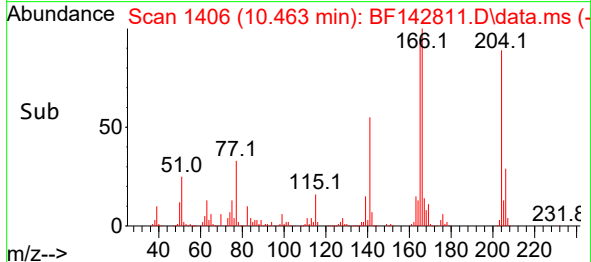
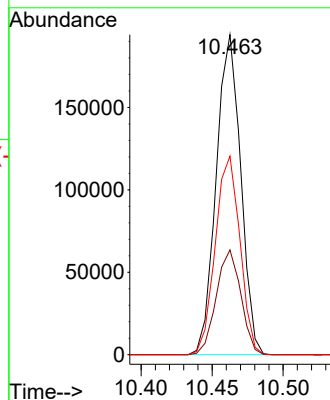
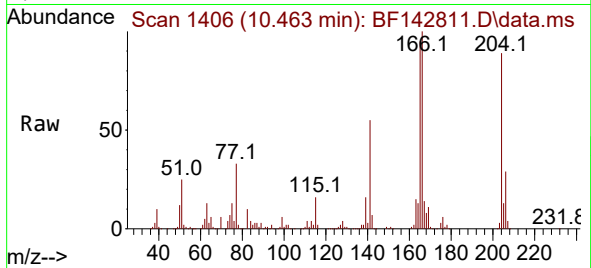




#61
4-Chlorophenyl-phenylether
Concen: 40.750 ng
RT: 10.463 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

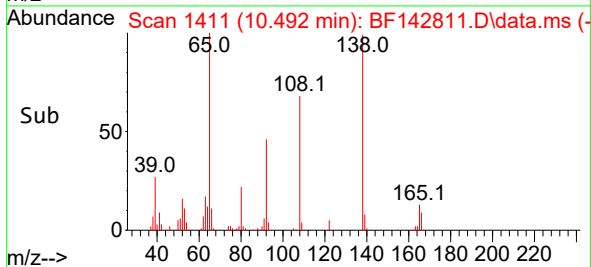
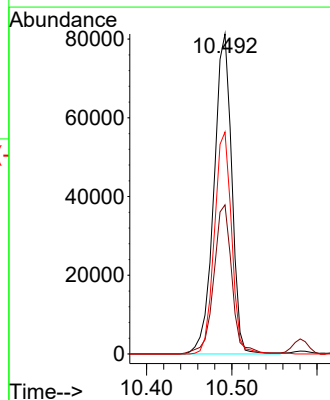
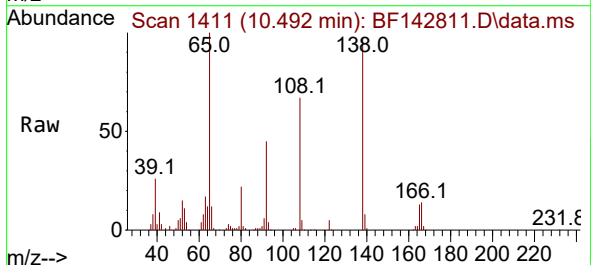
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

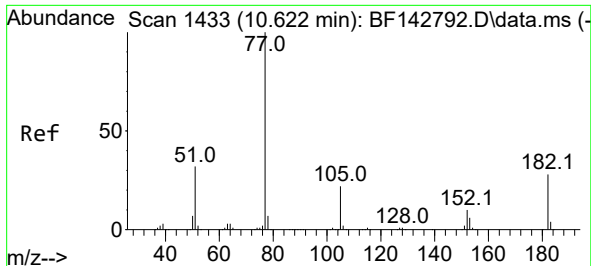
Tgt Ion:204 Resp: 232566
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 62.1 49.1 73.7



#62
4-Nitroaniline
Concen: 45.998 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:138 Resp: 118100
Ion Ratio Lower Upper
138 100
92 46.6 28.4 68.4
108 69.4 50.2 90.2

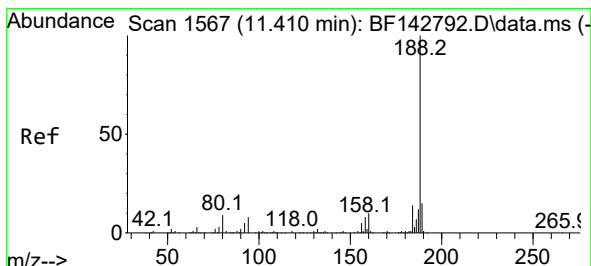
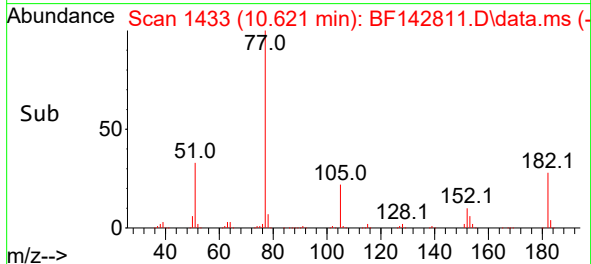
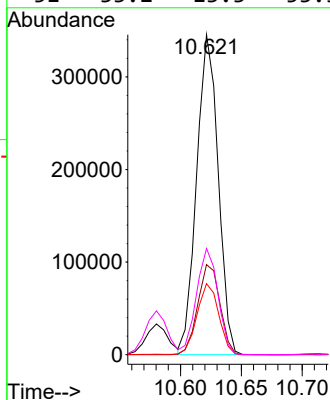
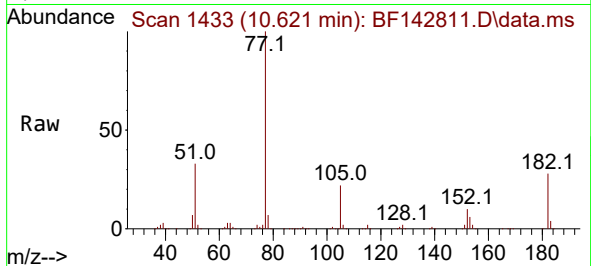




#63
Azobenzene
Concen: 41.858 ng
RT: 10.621 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

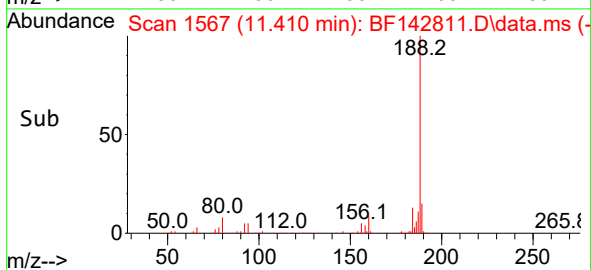
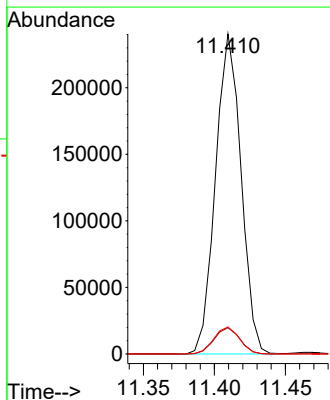
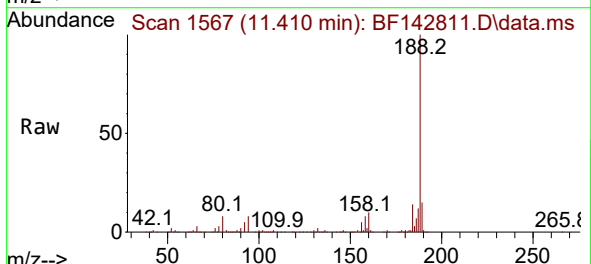
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

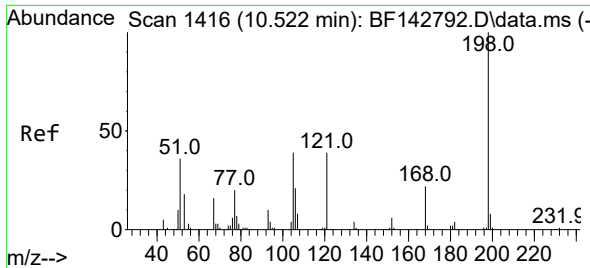
Tgt Ion: 77	Resp: 425881
Ion Ratio	Lower Upper
77 100	
182 28.1	7.7 47.7
105 22.2	1.9 41.9
51 33.2	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:188	Resp: 300319
Ion Ratio	Lower Upper
188 100	
94 8.2	6.7 10.1
80 8.5	6.9 10.3

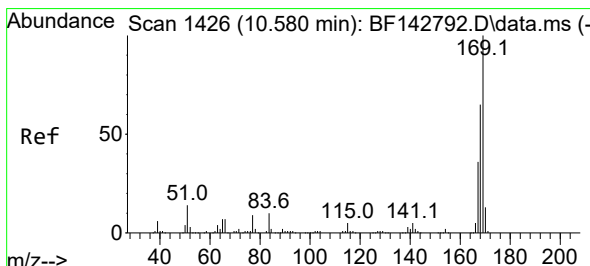
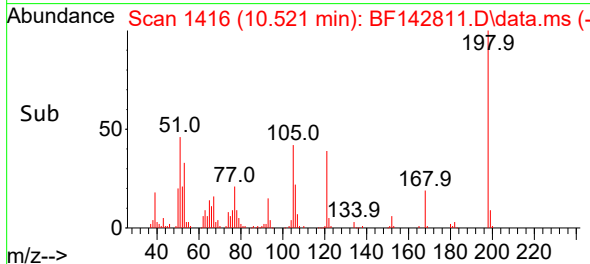
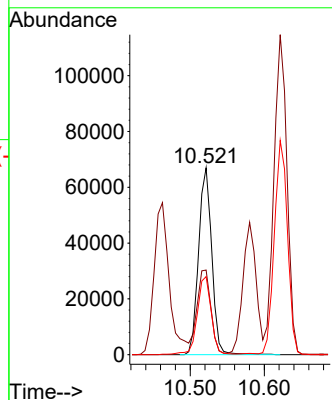
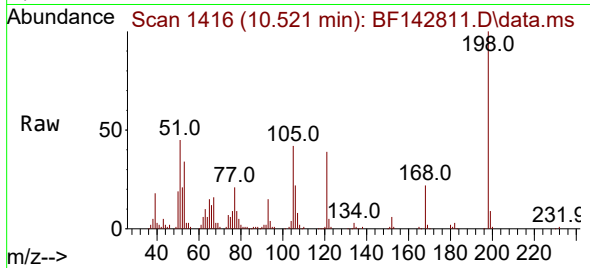




#65
4,6-Dinitro-2-methylphenol
Concen: 45.685 ng
RT: 10.521 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

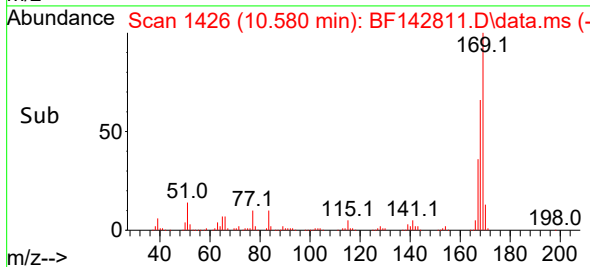
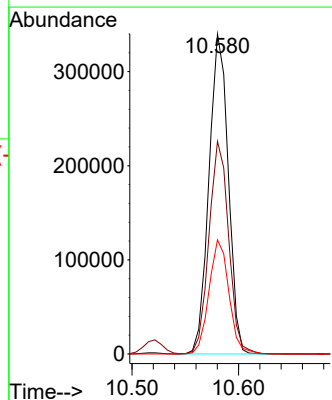
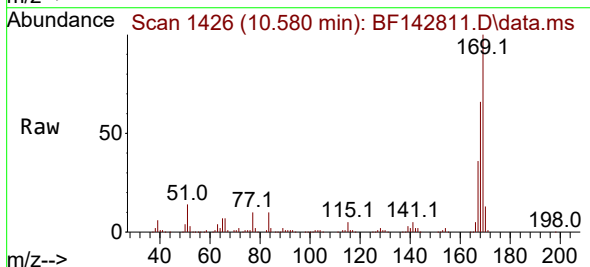
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

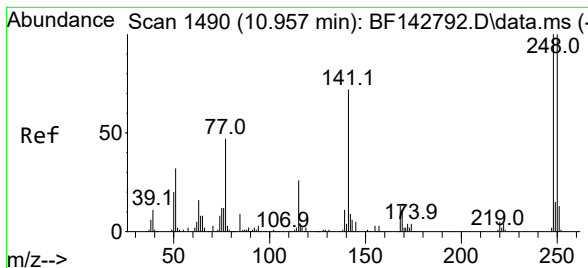
Tgt Ion:198 Resp: 82988
Ion Ratio Lower Upper
198 100
51 45.3 25.4 65.4
105 41.8 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 41.027 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:169 Resp: 427020
Ion Ratio Lower Upper
169 100
168 66.5 51.9 77.9
167 35.6 28.5 42.7

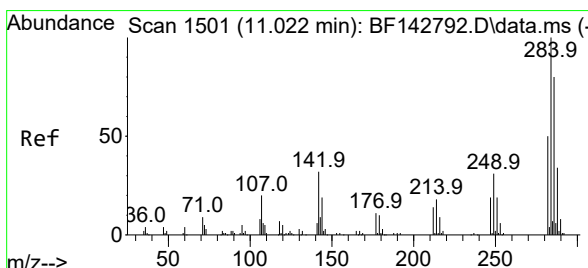
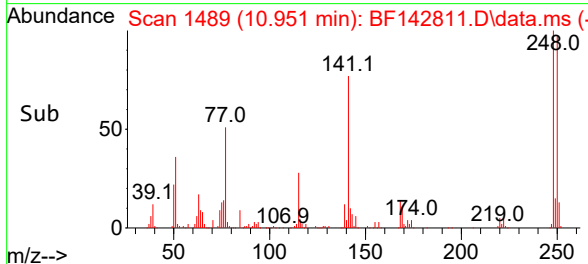
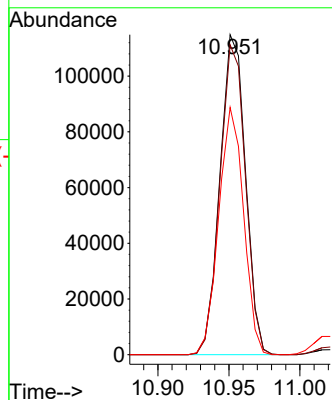
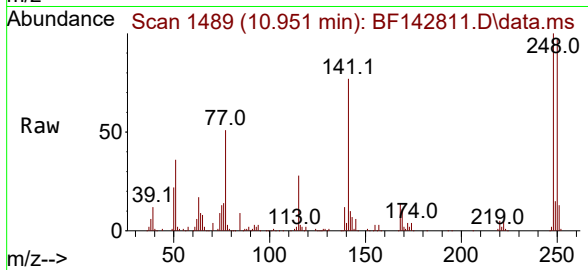




#67
4-Bromophenyl-phenylether
Concen: 42.140 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

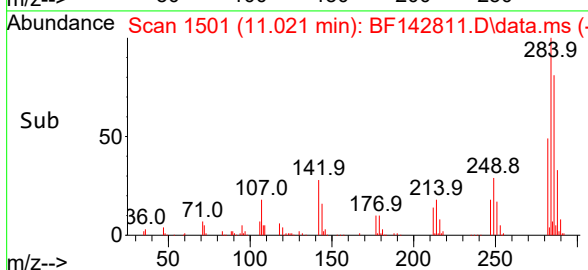
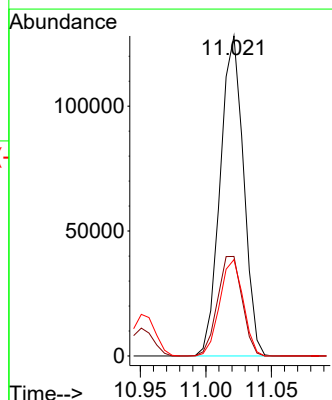
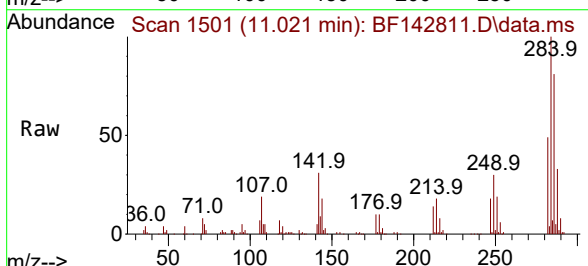
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

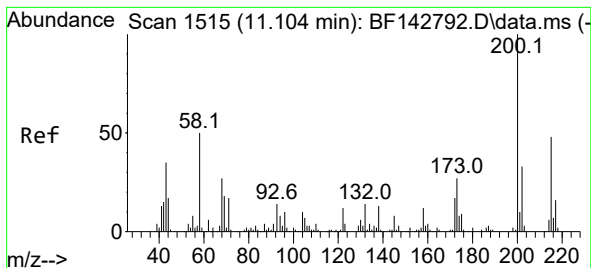
Tgt Ion:248 Resp: 144032
Ion Ratio Lower Upper
248 100
250 96.9 79.8 119.8
141 77.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 41.778 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:284 Resp: 158667
Ion Ratio Lower Upper
284 100
142 31.1 25.5 38.3
249 30.1 24.9 37.3





#69

Atrazine

Concen: 44.569 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

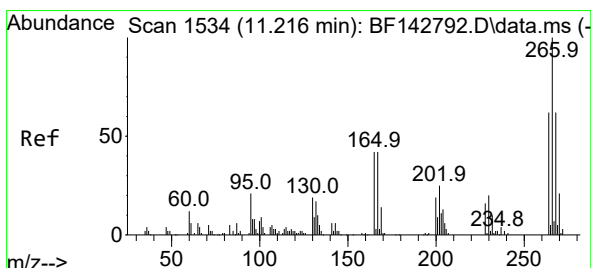
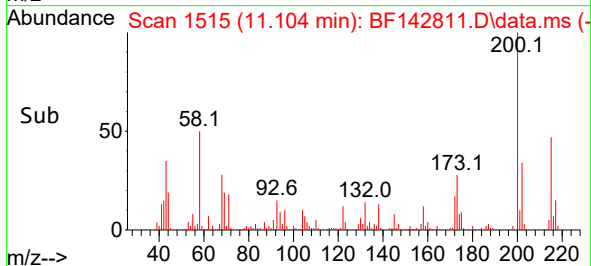
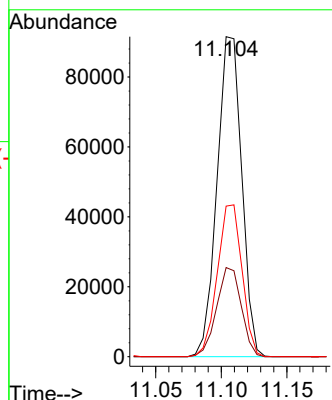
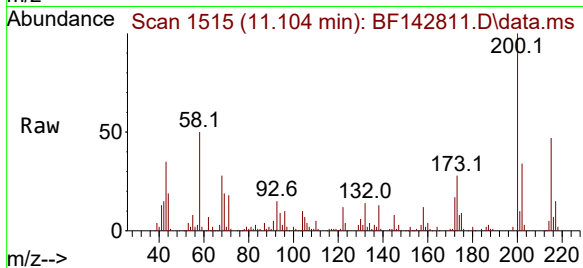
Tgt Ion:200 Resp: 119790

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 47.1 28.4 68.4



#70

Pentachlorophenol

Concen: 45.028 ng

RT: 11.215 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

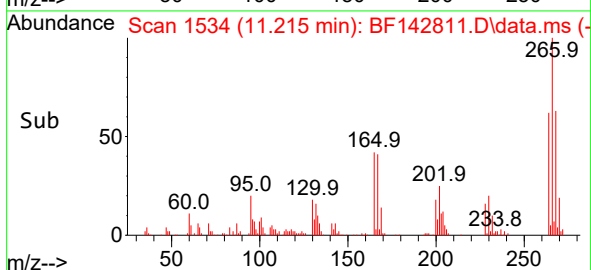
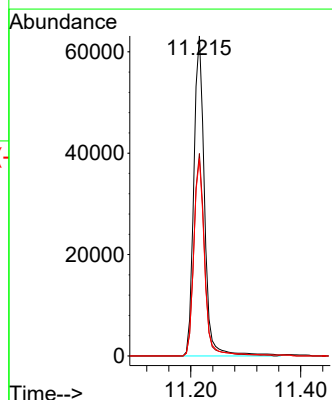
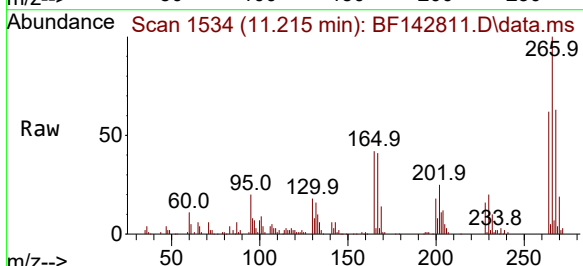
Tgt Ion:266 Resp: 85215

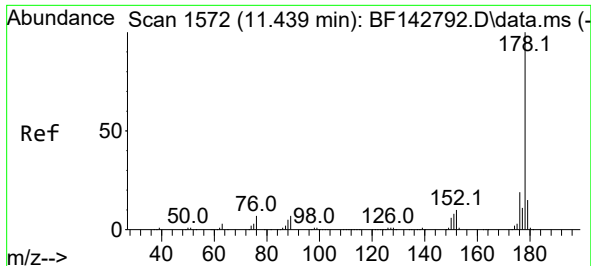
Ion Ratio Lower Upper

266 100

268 63.2 49.8 74.8

264 61.7 49.9 74.9

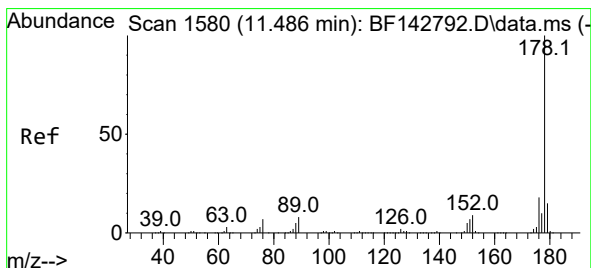
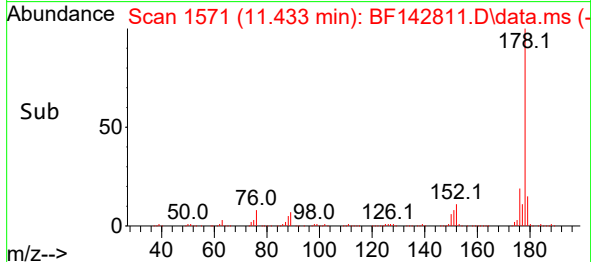
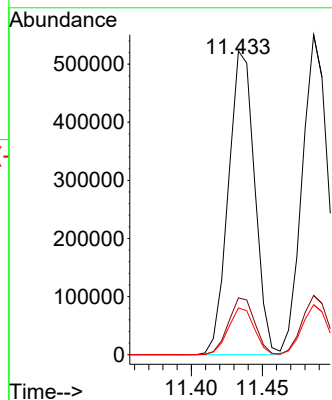
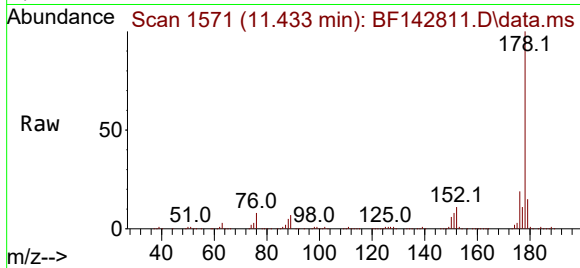




#71
Phenanthrene
Concen: 41.425 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

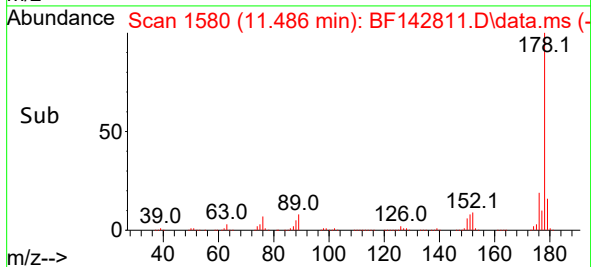
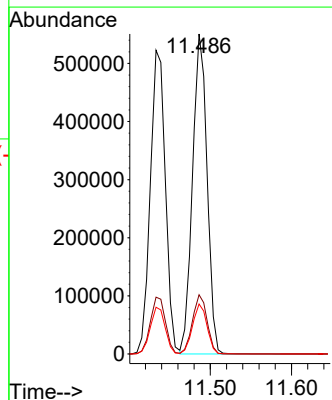
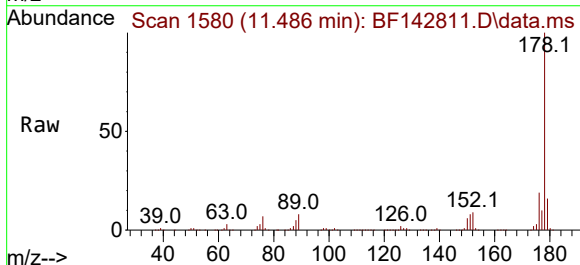
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

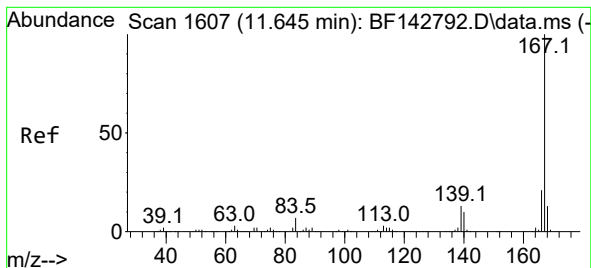
Tgt Ion:178 Resp: 673912
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 41.222 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:178 Resp: 687776
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.6 12.4 18.6





#73

Carbazole

Concen: 42.083 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

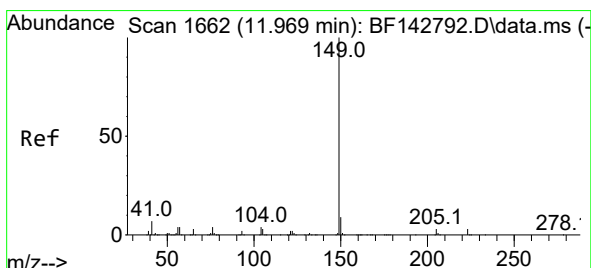
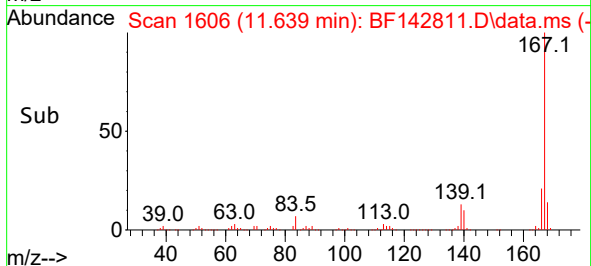
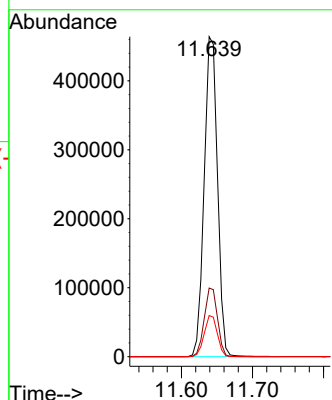
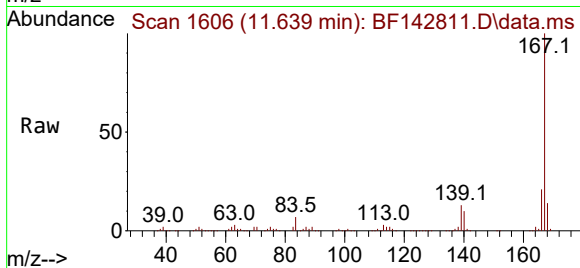
Tgt Ion:167 Resp: 605919

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 12.8 10.2 15.2



#74

Di-n-butylphthalate

Concen: 43.052 ng

RT: 11.968 min Scan# 1662

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

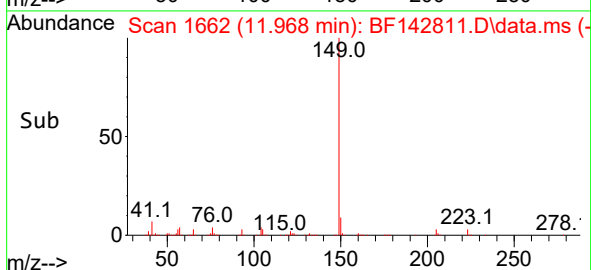
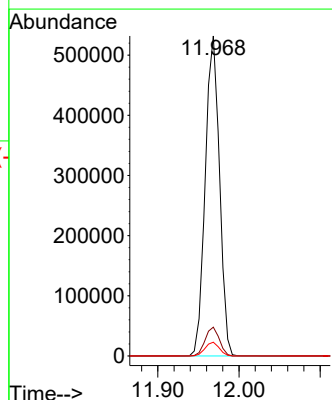
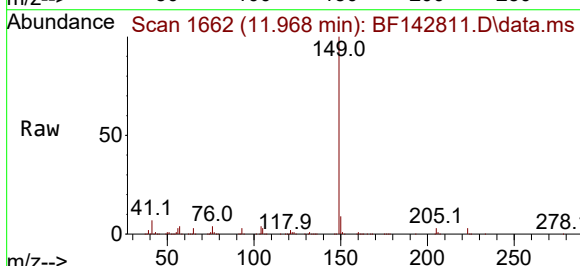
Tgt Ion:149 Resp: 645750

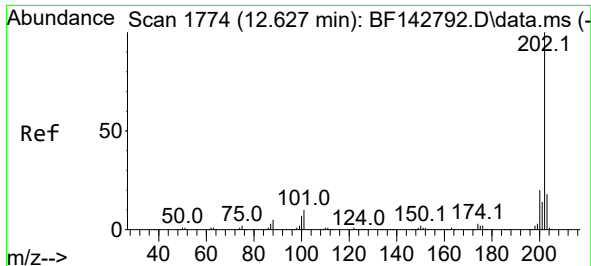
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 4.3 3.5 5.3

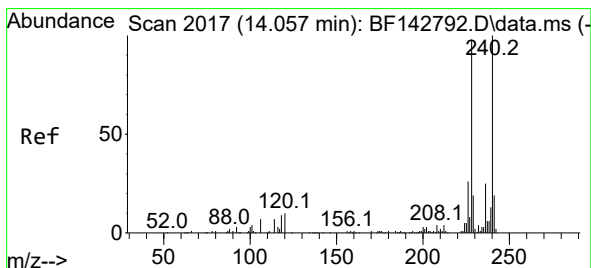
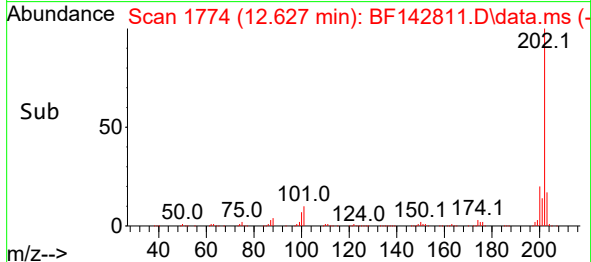
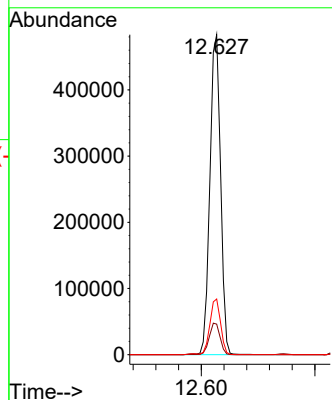
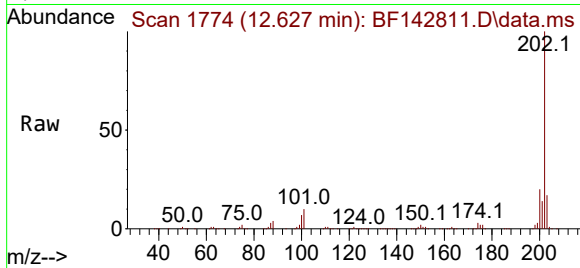




#75
Fluoranthene
Concen: 40.630 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

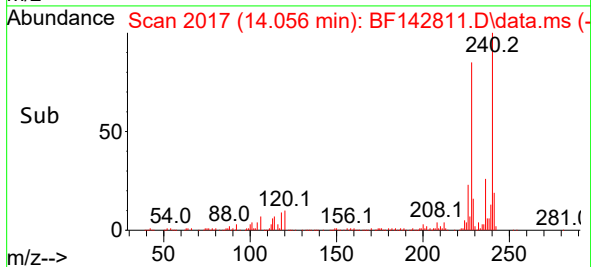
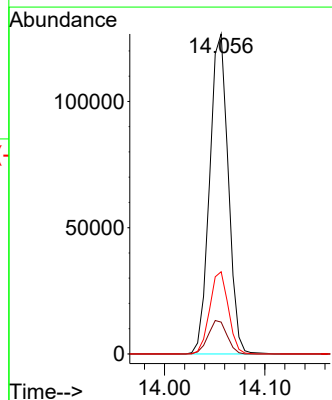
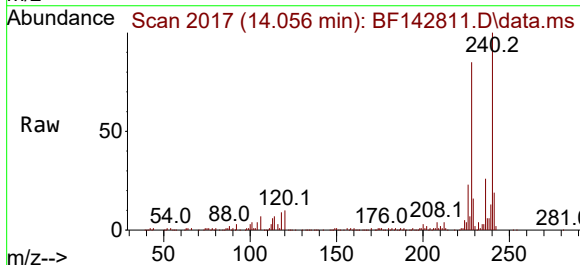
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

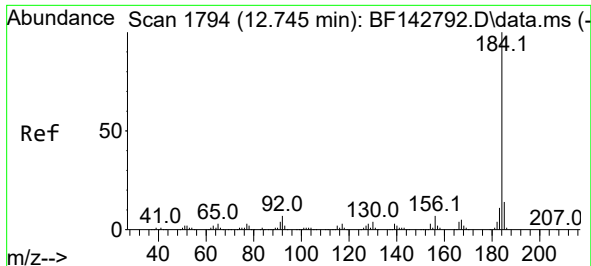
Tgt Ion:202 Resp: 627298
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.056 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:240 Resp: 163667
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.7 19.8 29.8

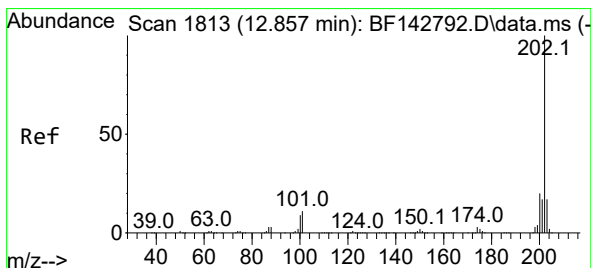
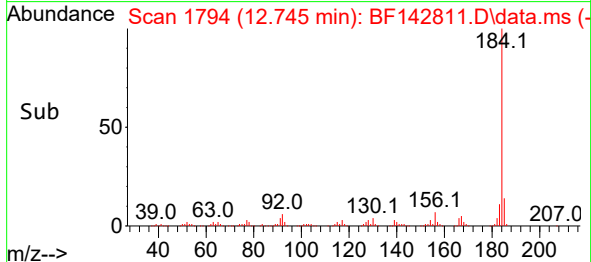
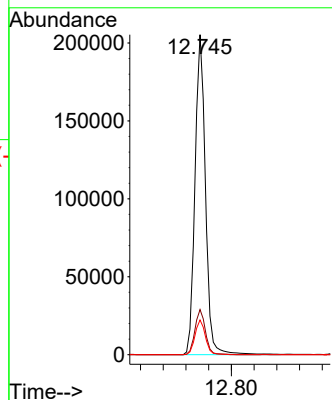
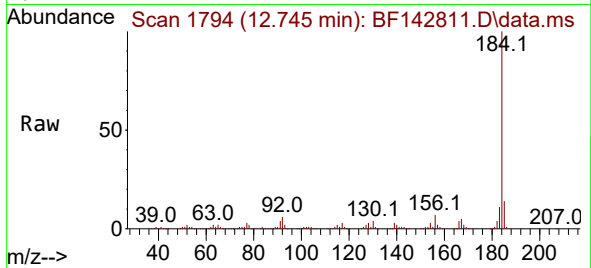




#77
Benzidine
Concen: 42.912 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

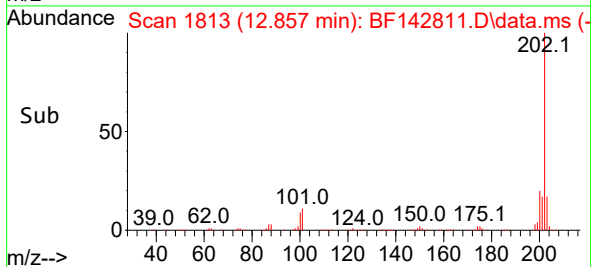
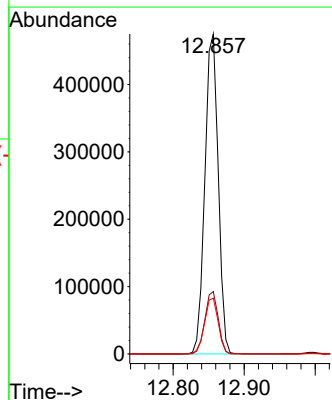
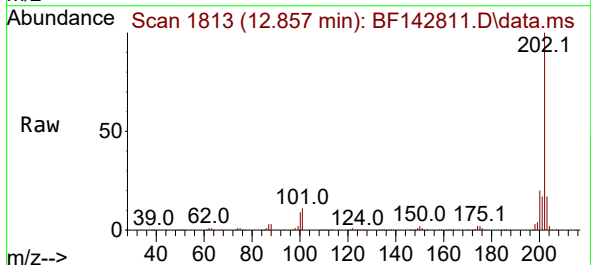
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

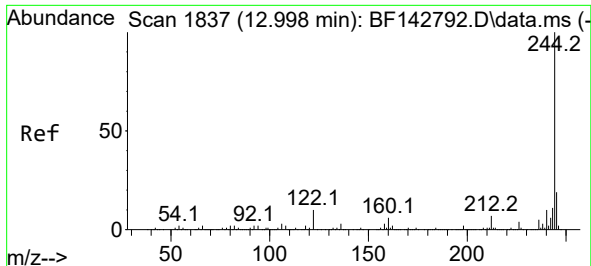
Tgt Ion:184 Resp: 263874
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 10.8 9.0 13.4



#78
Pyrene
Concen: 40.580 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:202 Resp: 622546
Ion Ratio Lower Upper
202 100
200 19.5 15.7 23.5
203 17.4 13.8 20.6

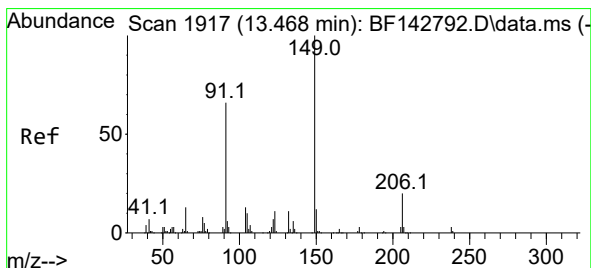
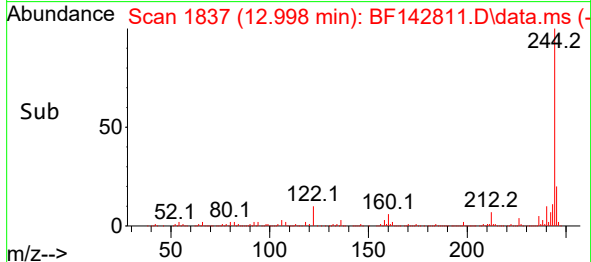
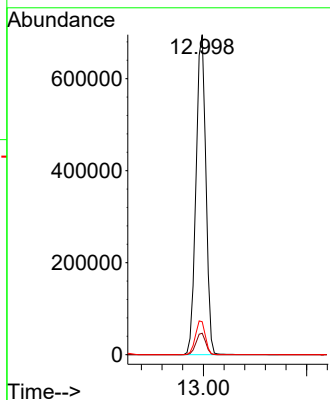
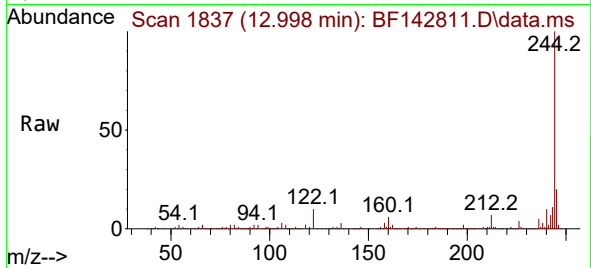




#79
 Terphenyl-d14
 Concen: 77.725 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142811.D
 Acq: 24 Jun 2025 10:16

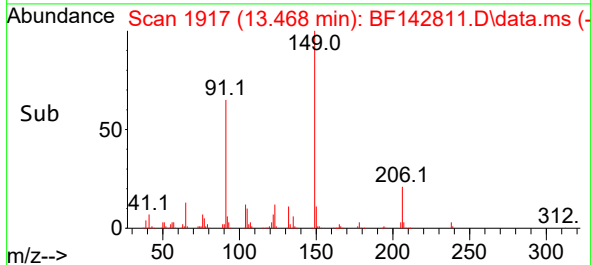
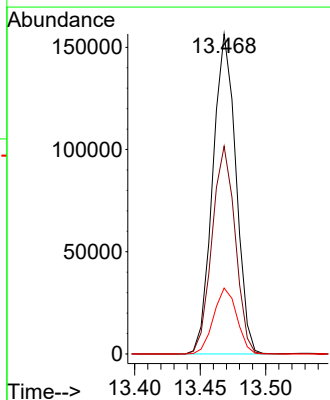
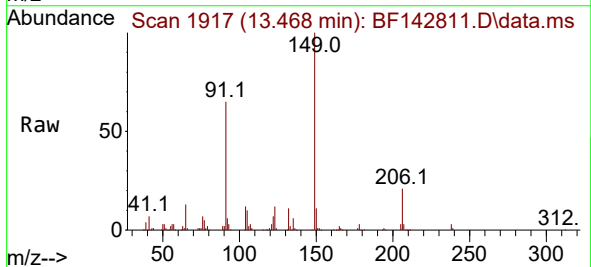
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

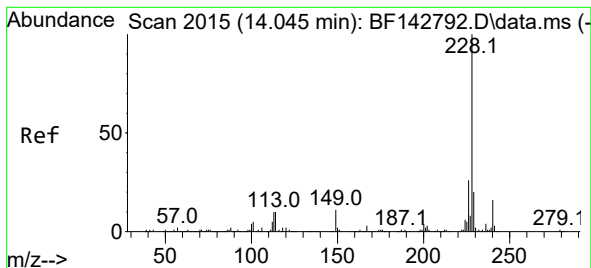
Tgt Ion:244 Resp: 920683
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 43.185 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: BF142811.D
 Acq: 24 Jun 2025 10:16

Tgt Ion:149 Resp: 192178
 Ion Ratio Lower Upper
 149 100
 91 64.9 52.9 79.3
 206 20.6 16.3 24.5





#81

Benzo(a)anthracene

Concen: 41.906 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

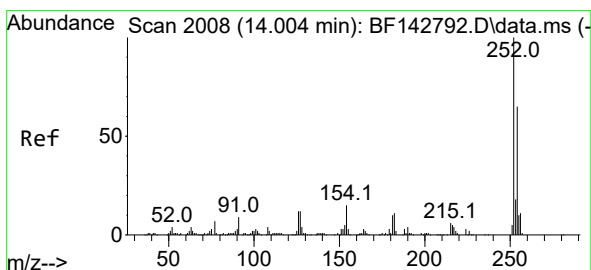
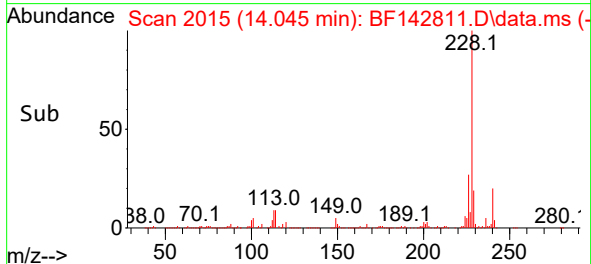
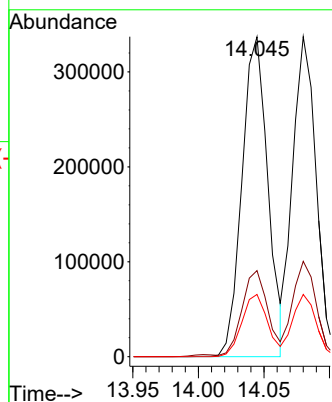
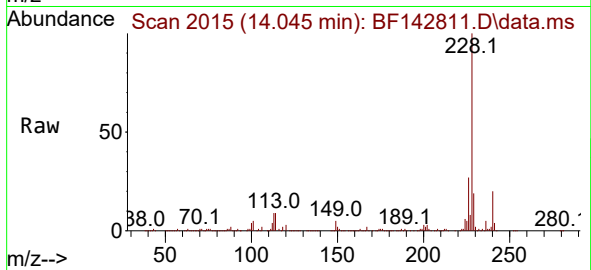
Tgt Ion:228 Resp: 462690

Ion Ratio Lower Upper

228 100

226 26.9 21.2 31.8

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 43.156 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

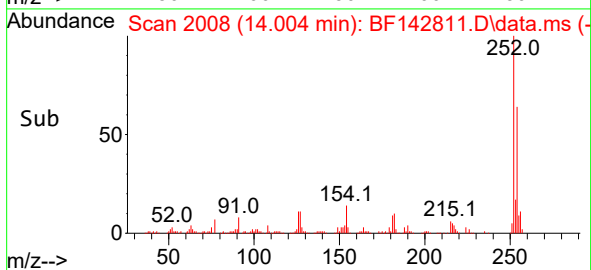
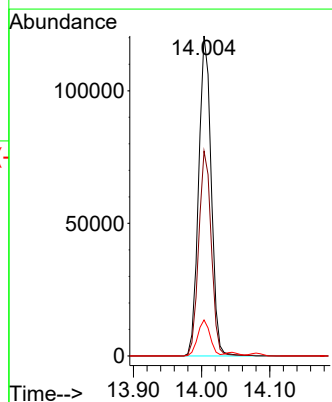
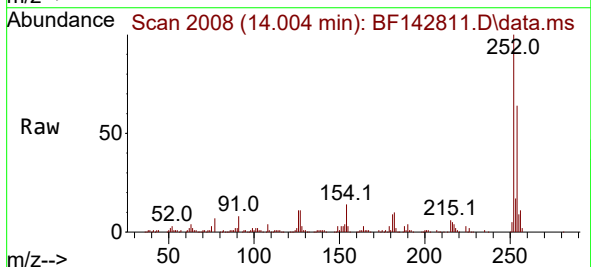
Tgt Ion:252 Resp: 154551

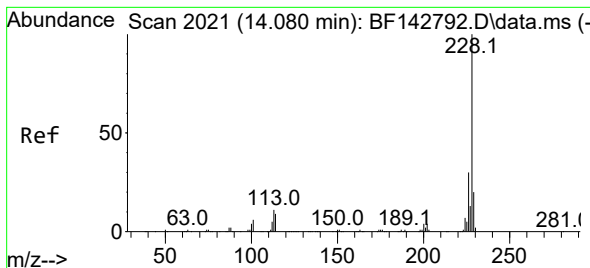
Ion Ratio Lower Upper

252 100

254 64.0 51.7 77.5

126 11.2 9.4 14.2





#83

Chrysene

Concen: 42.644 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

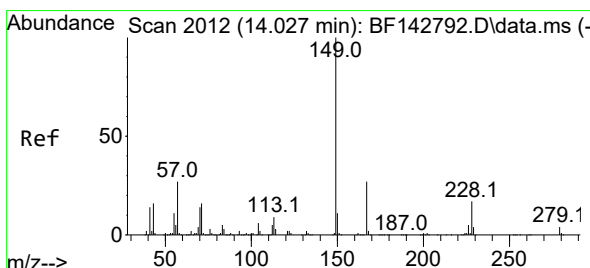
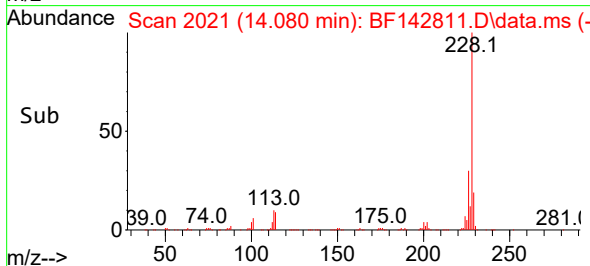
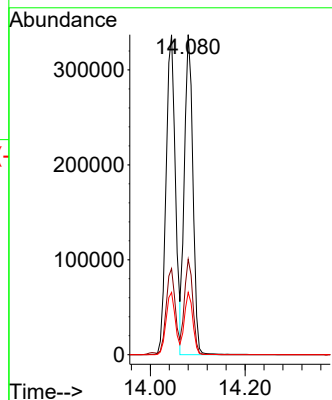
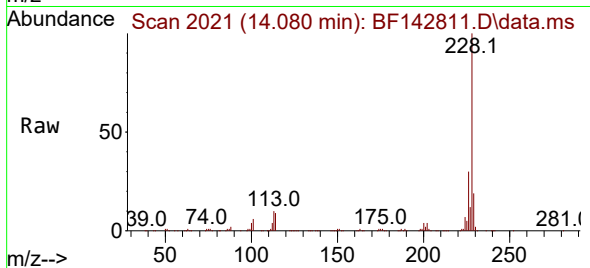
Tgt Ion:228 Resp: 420140

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.250 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

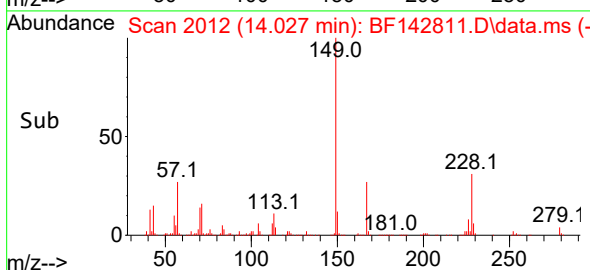
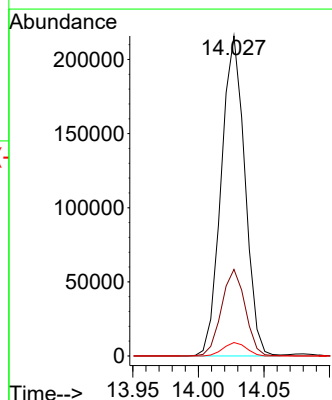
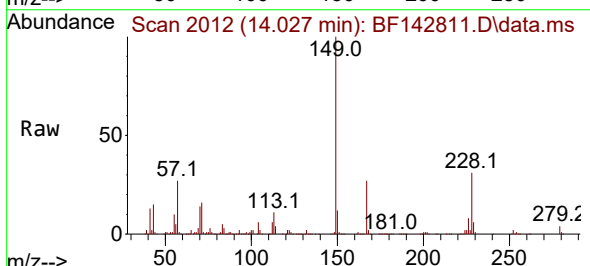
Tgt Ion:149 Resp: 270514

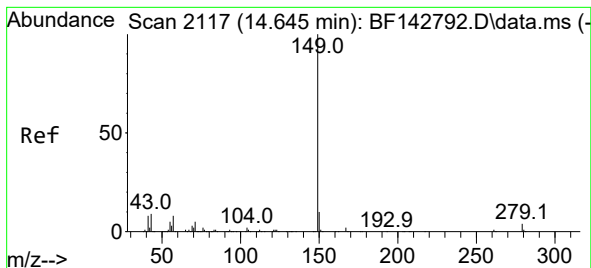
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 41.181 ng

RT: 14.645 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

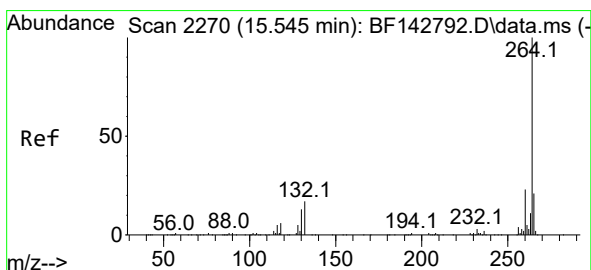
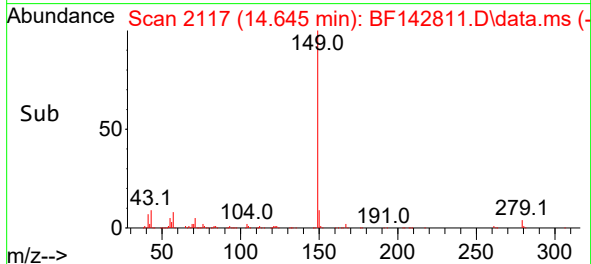
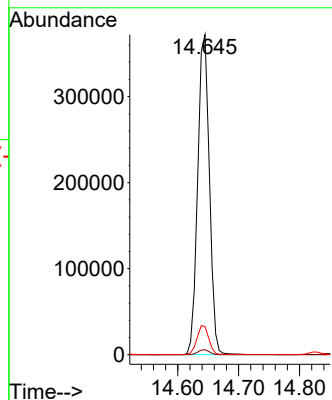
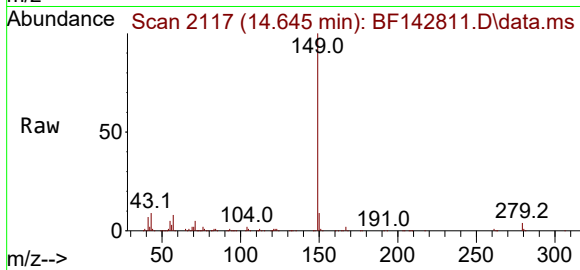
Tgt Ion:149 Resp: 497177

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.1 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: BF142811.D

Acq: 24 Jun 2025 10:16

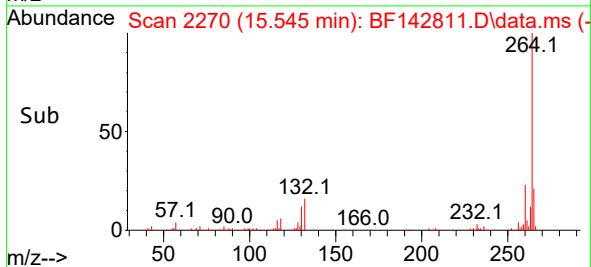
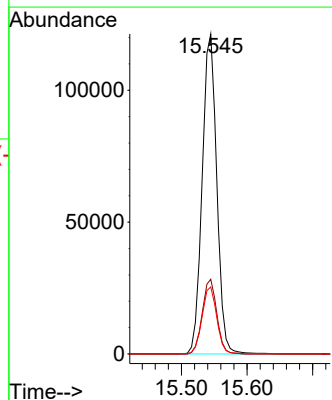
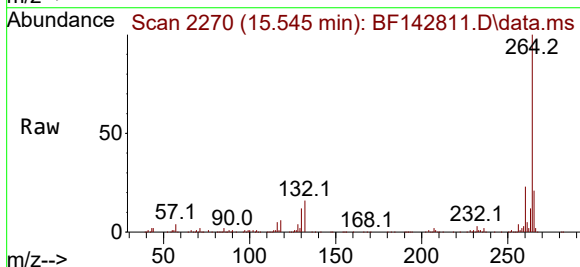
Tgt Ion:264 Resp: 187854

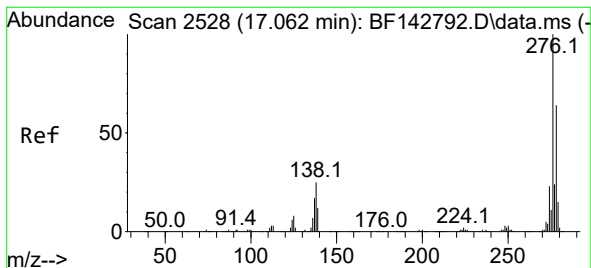
Ion Ratio Lower Upper

264 100

260 23.3 18.1 27.1

265 20.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.346 ng

RT: 17.056 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

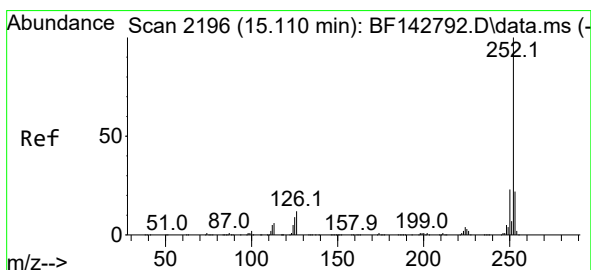
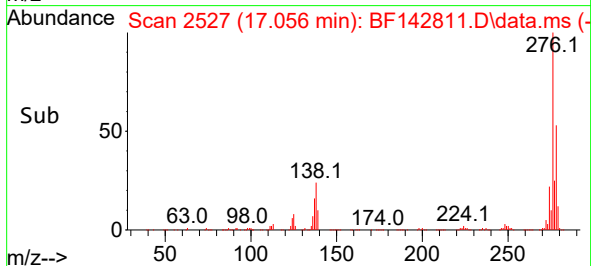
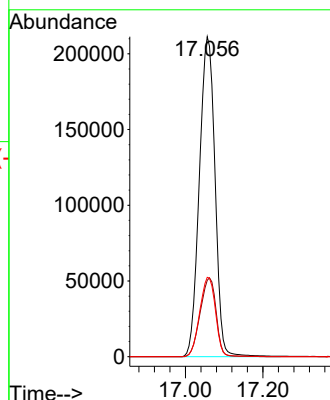
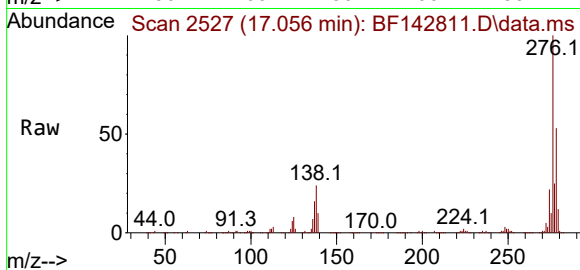
Tgt Ion:276 Resp: 591613

Ion Ratio Lower Upper

276 100

138 25.0 20.2 30.4

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 43.932 ng

RT: 15.103 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

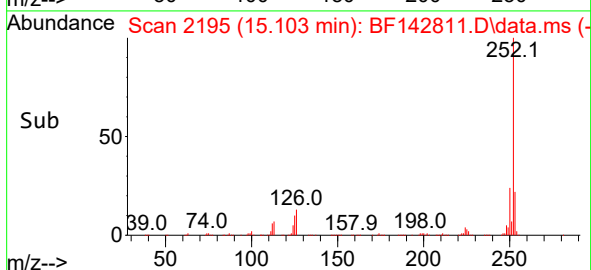
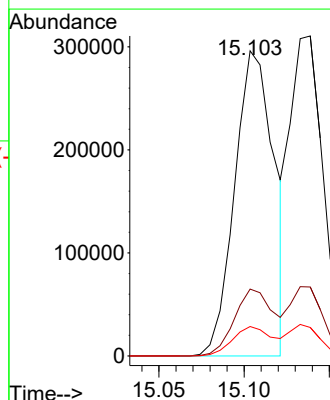
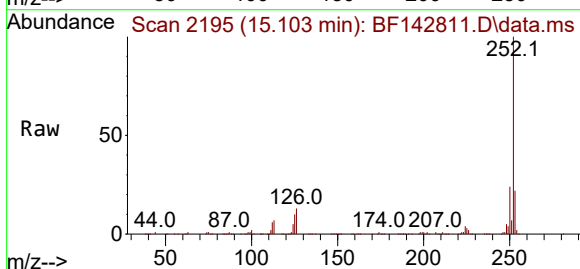
Tgt Ion:252 Resp: 477548

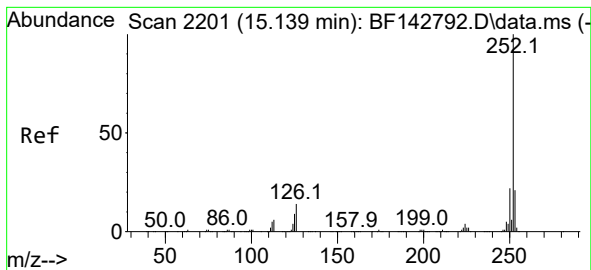
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 41.646 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

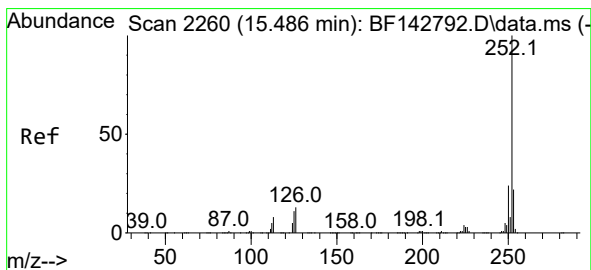
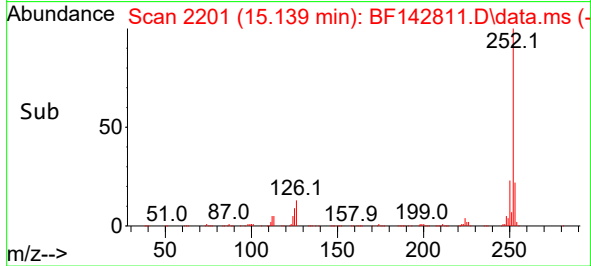
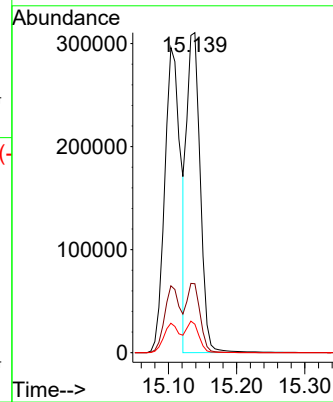
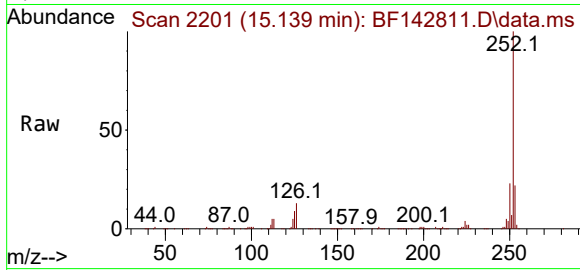
Tgt Ion:252 Resp: 423530

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 8.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 42.856 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

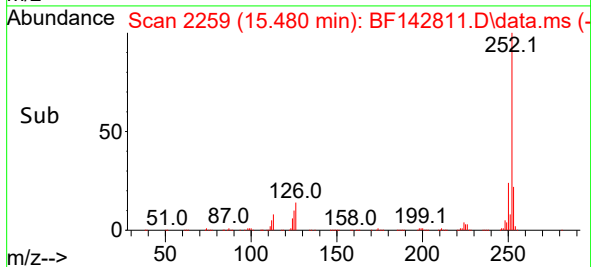
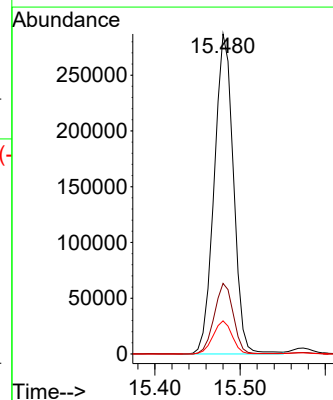
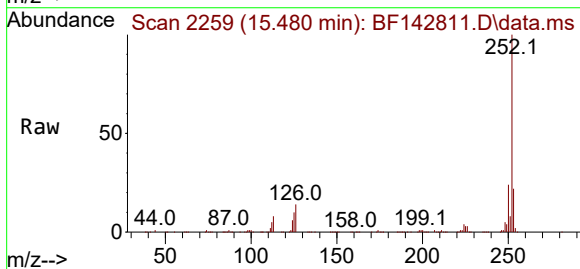
Tgt Ion:252 Resp: 450041

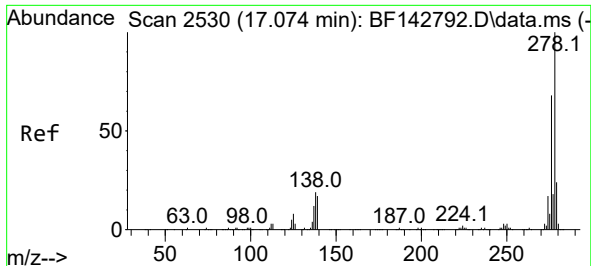
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.4 8.6 12.8

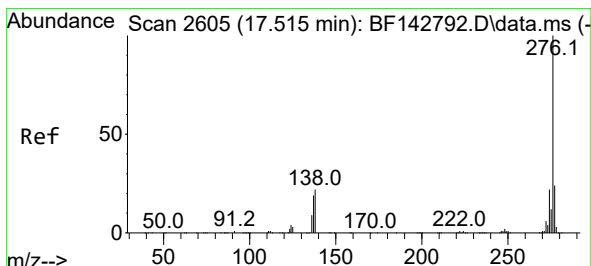
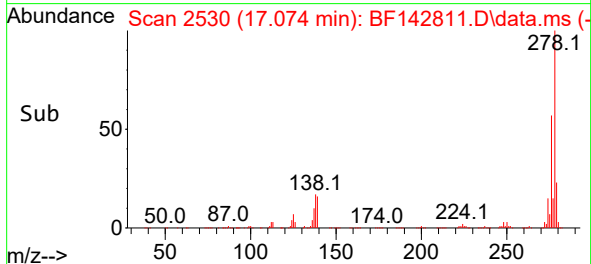
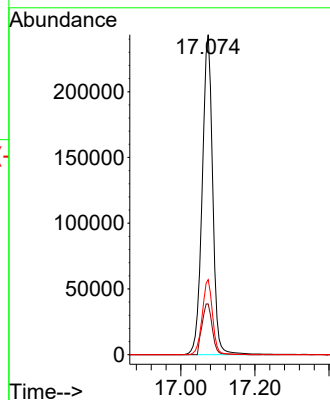
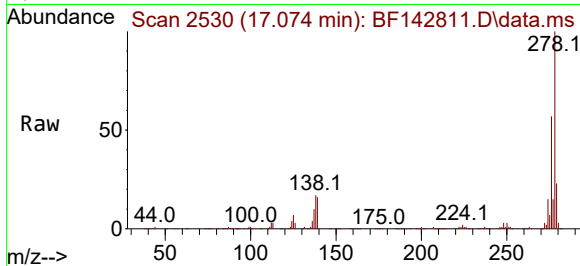




#91
Dibenzo(a,h)anthracene
Concen: 41.007 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 476750
Ion Ratio Lower Upper
278 100
139 15.9 13.5 20.3
279 23.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.096 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:276 Resp: 476423
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 21.7 17.6 26.4

