

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
 Data File : BF142800.D
 Acq On : 23 Jun 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 24 06:38:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	90995	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	344459	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	182077	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	307325	20.000	ng	0.00
76) Chrysene-d12	14.057	240	161892	20.000	ng	0.00
86) Perylene-d12	15.545	264	164033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	461426	84.427	ng	0.00
7) Phenol-d6	6.510	99	549525	85.223	ng	0.00
23) Nitrobenzene-d5	7.451	82	536855	85.487	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	165842	88.511	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1108116	79.950	ng	0.00
79) Terphenyl-d14	12.998	244	1030468	87.947	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	94539	43.247	ng	99
3) Pyridine	3.422	79	243297	44.395	ng	98
4) n-Nitrosodimethylamine	3.381	42	122519	43.232	ng	96
6) Aniline	6.546	93	368279	42.924	ng	99
8) 2-Chlorophenol	6.663	128	252623	42.849	ng	100
9) Benzaldehyde	6.434	77	146196	38.216	ng	100
10) Phenol	6.528	94	310586	43.332	ng	91
11) bis(2-Chloroethyl)ether	6.616	93	221438	43.226	ng	98
12) 1,3-Dichlorobenzene	6.822	146	282821	42.894	ng	100
13) 1,4-Dichlorobenzene	6.898	146	283767	42.656	ng	99
14) 1,2-Dichlorobenzene	7.051	146	268477	42.550	ng	98
15) Benzyl Alcohol	7.022	79	202832	43.512	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	343677	41.757	ng	99
17) 2-Methylphenol	7.134	107	193415	43.291	ng	99
18) Hexachloroethane	7.393	117	98240	42.221	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	158999	42.397	ng	97
20) 3+4-Methylphenols	7.287	107	241910	43.427	ng	95
22) Acetophenone	7.293	105	322756	42.491	ng	99
24) Nitrobenzene	7.469	77	240796	42.364	ng	97
25) Isophorone	7.704	82	431762	42.859	ng	100
26) 2-Nitrophenol	7.781	139	138094	44.600	ng	99
27) 2,4-Dimethylphenol	7.816	122	230461	42.970	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	272231	42.506	ng	100
29) 2,4-Dichlorophenol	8.022	162	209031	42.984	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	226488	42.355	ng	99
31) Naphthalene	8.187	128	718243	42.599	ng	100
32) Benzoic acid	7.934	122	125474	45.901	ng	97
33) 4-Chloroaniline	8.234	127	295206	43.059	ng	100
34) Hexachlorobutadiene	8.304	225	138574	42.366	ng	100
35) Caprolactam	8.610	113	59724	46.542	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	209800	43.410	ng	99
37) 2-Methylnaphthalene	8.881	142	441136	42.202	ng	100
38) 1-Methylnaphthalene	8.981	142	455034	42.052	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	224594	41.804	ng	99
41) Hexachlorocyclopentadiene	9.034	237	137818	45.204	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	151445	43.259	ng	99

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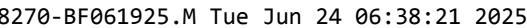
Instrument :
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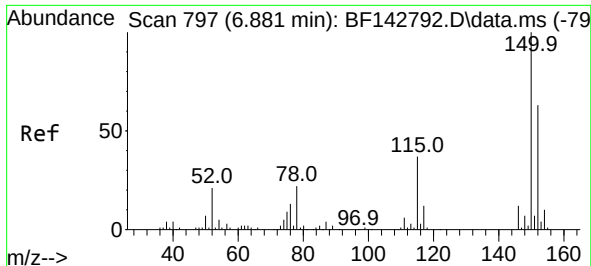
Quant Time: Jun 24 06:38:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	154285	41.865	ng	99
46) 1,1'-Biphenyl	9.345	154	595765	41.421	ng	100
47) 2-Chloronaphthalene	9.369	162	449614	41.656	ng	99
48) 2-Nitroaniline	9.463	65	133311	44.055	ng	100
49) Acenaphthylene	9.787	152	746294	42.001	ng	100
50) Dimethylphthalate	9.645	163	509320	43.214	ng	100
51) 2,6-Dinitrotoluene	9.710	165	113553	43.872	ng	96
52) Acenaphthene	9.957	154	459758	42.410	ng	99
53) 3-Nitroaniline	9.881	138	127387	44.701	ng	98
54) 2,4-Dinitrophenol	9.986	184	60225	46.470	ng	96
55) Dibenzofuran	10.128	168	650976	41.875	ng	100
56) 4-Nitrophenol	10.034	139	91402	46.850	ng	99
57) 2,4-Dinitrotoluene	10.110	165	153980	44.787	ng	98
58) Fluorene	10.475	166	507306	41.785	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	129224	43.502	ng	96
60) Diethylphthalate	10.345	149	501084	43.362	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	241223	41.637	ng	99
62) 4-Nitroaniline	10.492	138	122025	46.820	ng	98
63) Azobenzene	10.622	77	441435	42.741	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	83228	44.773	ng	97
66) n-Nitrosodiphenylamine	10.581	169	441701	41.470	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	148287	42.396	ng	99
68) Hexachlorobenzene	11.022	284	163746	42.132	ng	99
69) Atrazine	11.110	200	126753	46.084	ng	99
70) Pentachlorophenol	11.216	266	86692	44.764	ng	99
71) Phenanthrene	11.439	178	692230	41.581	ng	99
72) Anthracene	11.492	178	720158	42.179	ng	100
73) Carbazole	11.645	167	634023	43.031	ng	100
74) Di-n-butylphthalate	11.969	149	706255	46.013	ng	100
75) Fluoranthene	12.628	202	684222	43.306	ng	100
77) Benzidine	12.745	184	277823	45.676	ng	100
78) Pyrene	12.857	202	682269	44.961	ng	99
80) Butylbenzylphthalate	13.475	149	199538	45.331	ng	96
81) Benzo(a)anthracene	14.045	228	452209	41.406	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	144009	40.653	ng	99
83) Chrysene	14.086	228	429370	44.059	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	246346	38.897	ng	99
85) Di-n-octyl phthalate	14.645	149	430758	36.071	ng	100
87) Indeno(1,2,3-cd)pyrene	17.063	276	519568	41.585	ng	99
88) Benzo(b)fluoranthene	15.110	252	389603	41.047	ng	99
89) Benzo(k)fluoranthene	15.139	252	410162	46.188	ng	100
90) Benzo(a)pyrene	15.486	252	391645	42.711	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	417280	41.104	ng	99
92) Benzo(g,h,i)perylene	17.515	276	415699	41.065	ng	100

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

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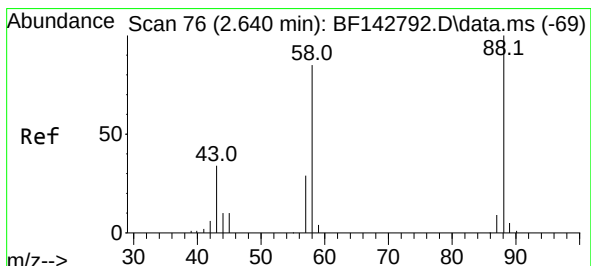
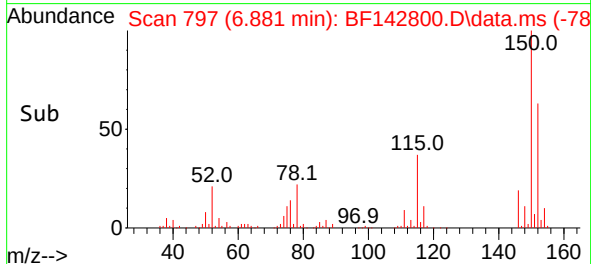
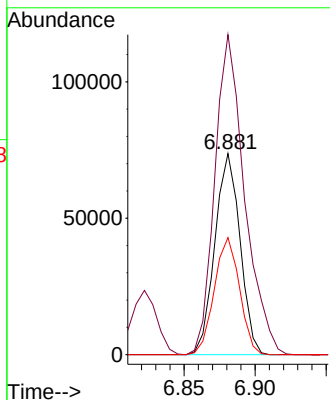
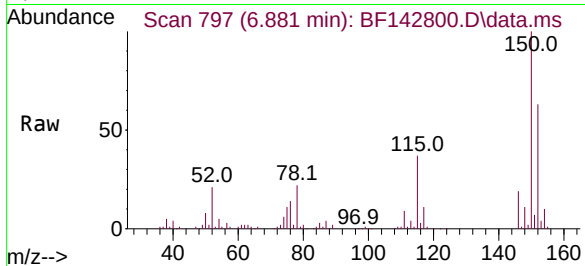




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

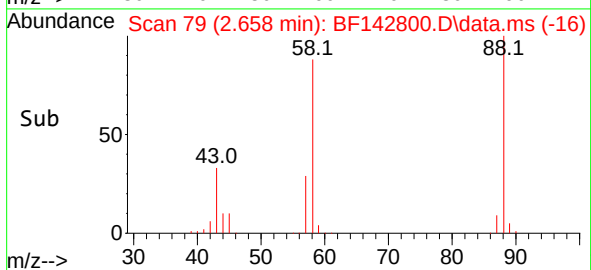
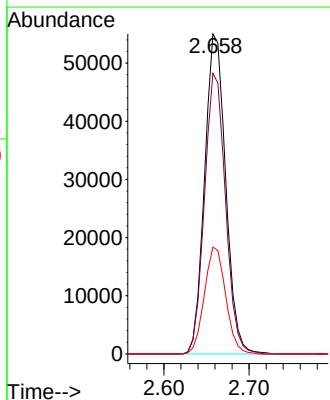
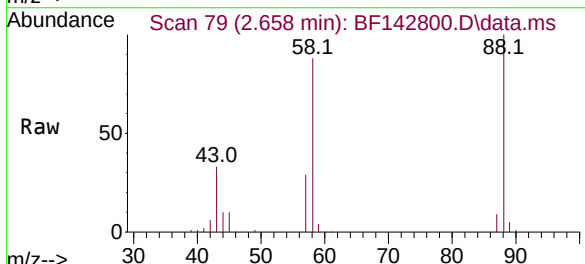
Instrument :
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SSTDCCC040

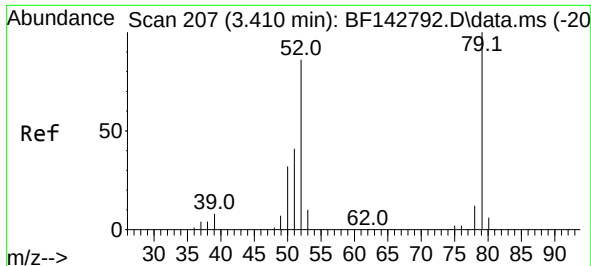
Tgt Ion:152 Resp: 90995
Ion Ratio Lower Upper
152 100
150 159.2 127.2 190.8
115 58.2 46.6 69.8



#2
1,4-Dioxane
Concen: 43.247 ng
RT: 2.658 min Scan# 79
Delta R.T. 0.018 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion: 88 Resp: 94539
Ion Ratio Lower Upper
88 100
58 87.4 69.1 103.7
43 33.7 27.4 41.2

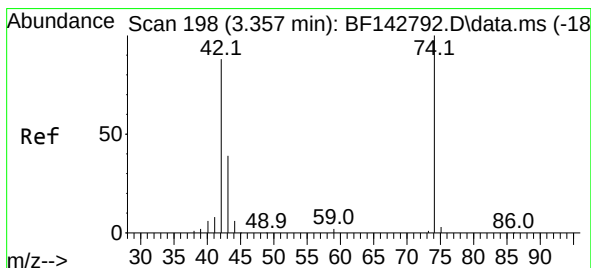
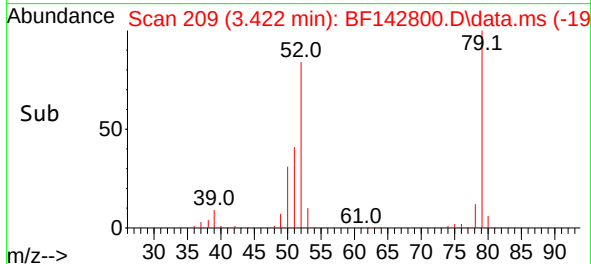
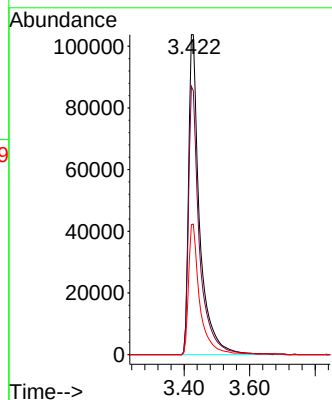
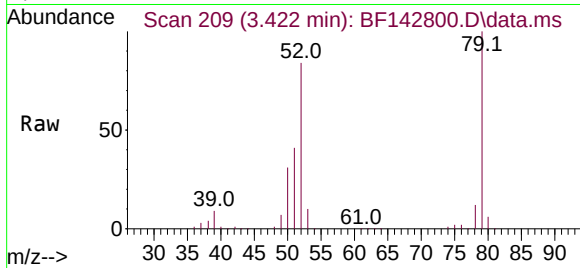




#3
Pyridine
Concen: 44.395 ng
RT: 3.422 min Scan# 207
Delta R.T. 0.012 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

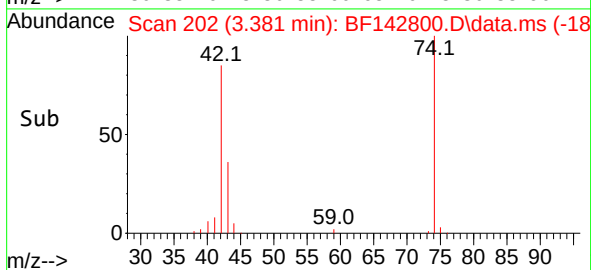
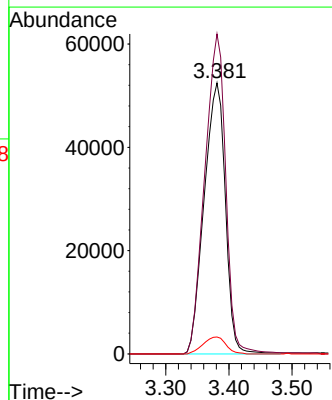
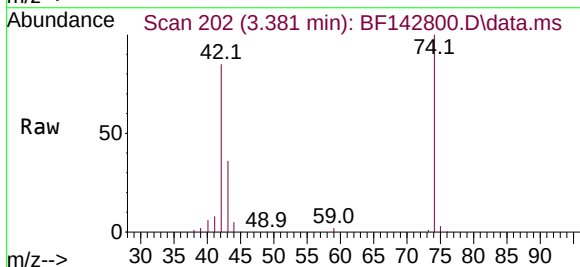
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

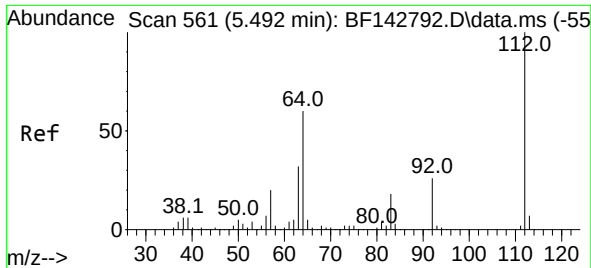
Tgt Ion: 79 Resp: 243297
Ion Ratio Lower Upper
79 100
52 83.8 69.2 103.8
51 40.6 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 43.232 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.024 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion: 42 Resp: 122519
Ion Ratio Lower Upper
42 100
74 118.1 90.9 136.3
44 6.2 5.8 8.6

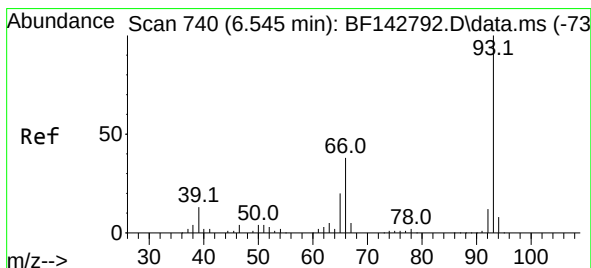
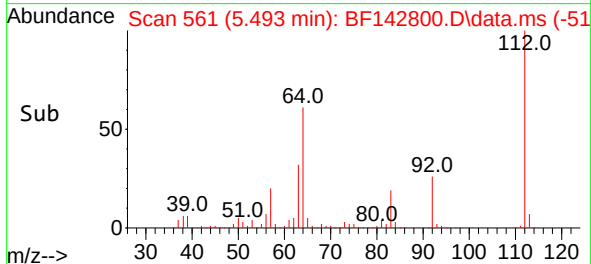
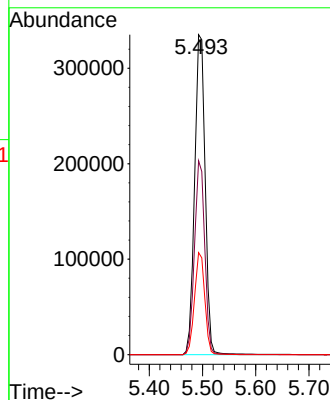
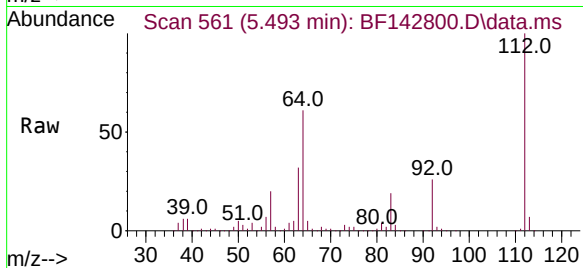




#5
2-Fluorophenol
Concen: 84.427 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

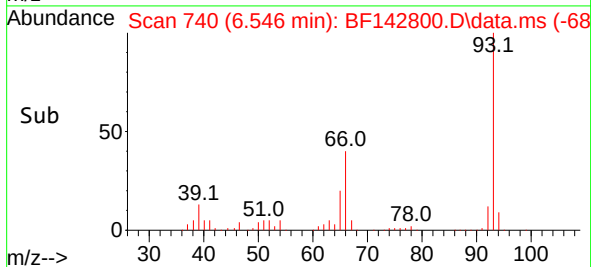
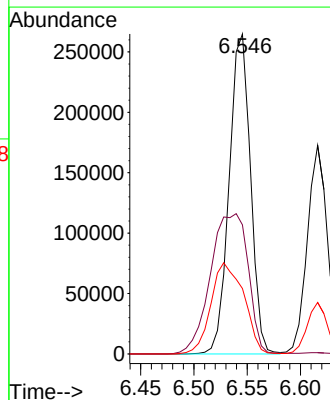
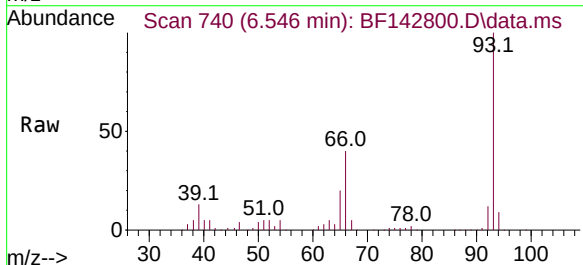
Instrument :
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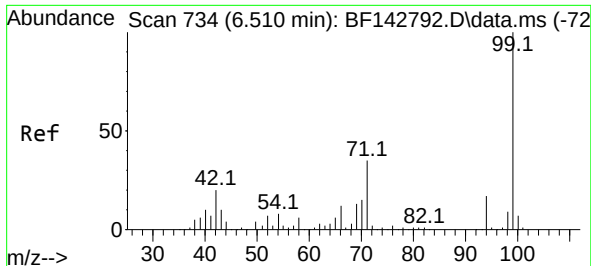
Tgt Ion:112 Resp: 461426
Ion Ratio Lower Upper
112 100
64 60.6 48.2 72.2
63 31.9 25.7 38.5



#6
Aniline
Concen: 42.924 ng
RT: 6.546 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion: 93 Resp: 368279
Ion Ratio Lower Upper
93 100
66 40.3 31.8 47.6
65 20.4 16.2 24.2

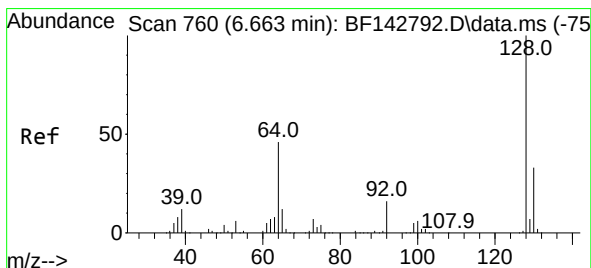
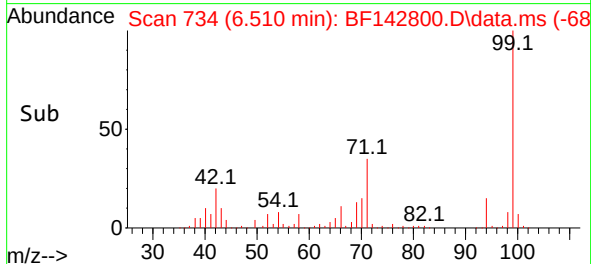
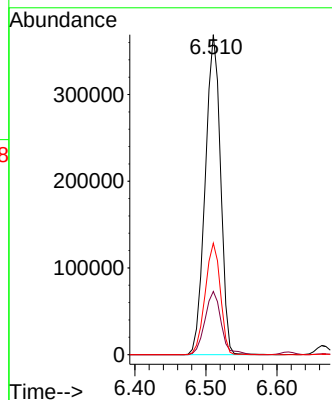
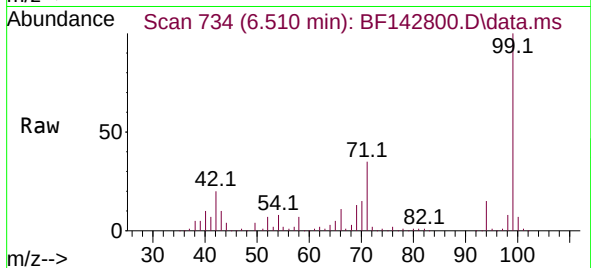




#7
Phenol-d6
Concen: 85.223 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

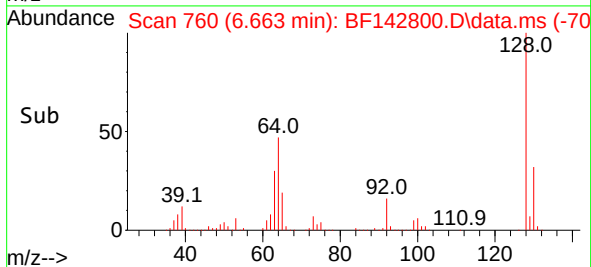
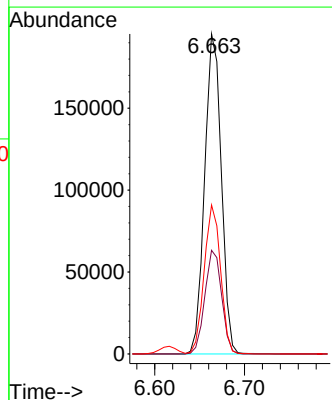
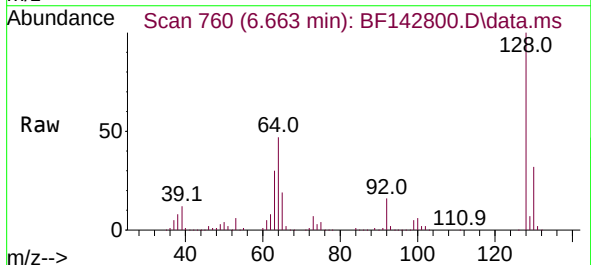
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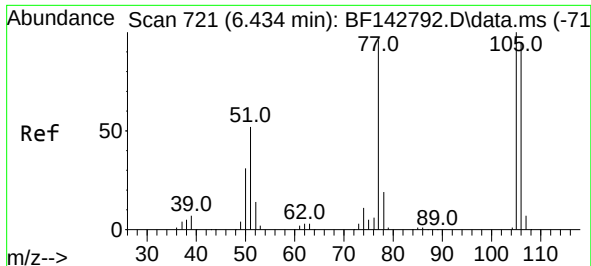
Tgt Ion: 99 Resp: 549525
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 34.9 27.8 41.8



#8
2-Chlorophenol
Concen: 42.849 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:128 Resp: 252623
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 46.5 26.5 66.5





#9

Benzaldehyde

Concen: 38.216 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

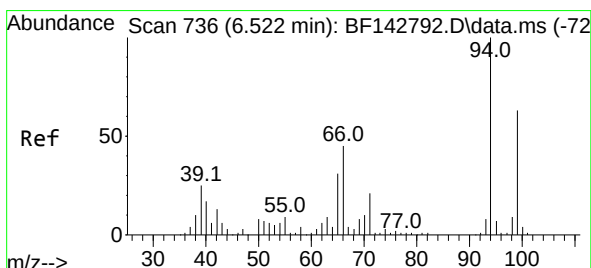
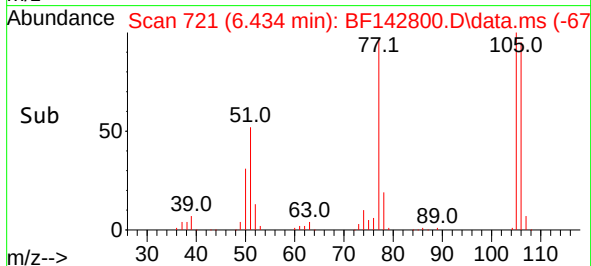
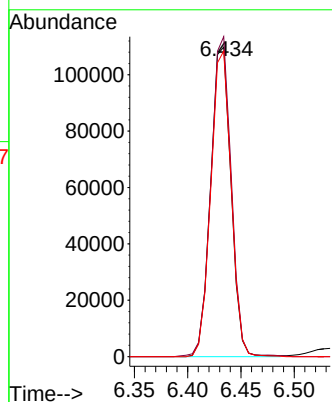
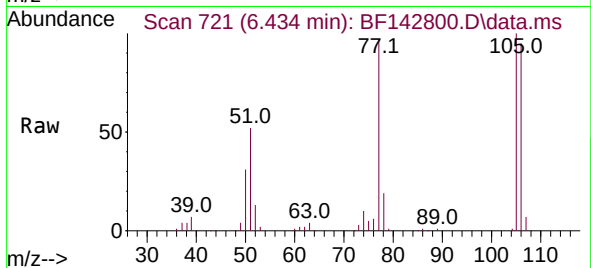
Tgt Ion: 77 Resp: 146196

Ion Ratio Lower Upper

77 100

105 103.4 83.8 123.8

106 98.7 78.7 118.7



#10

Phenol

Concen: 43.332 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF142800.D

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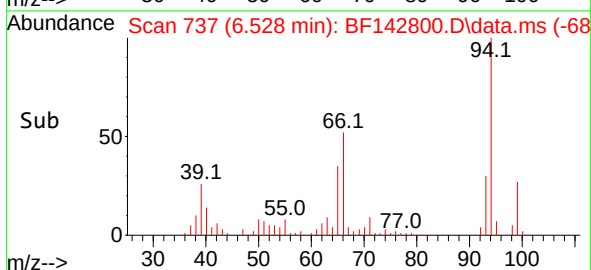
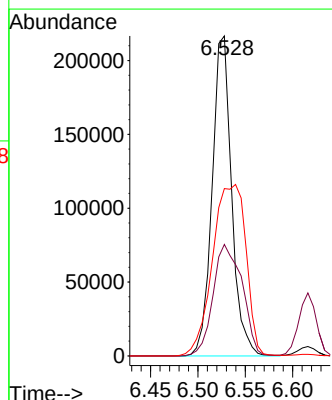
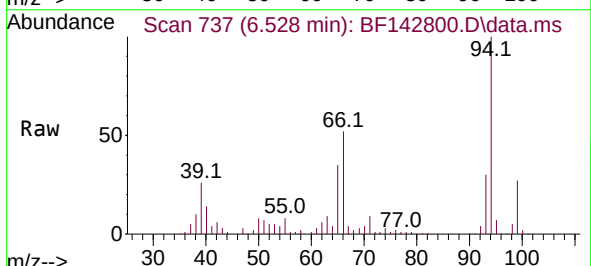
Tgt Ion: 94 Resp: 310586

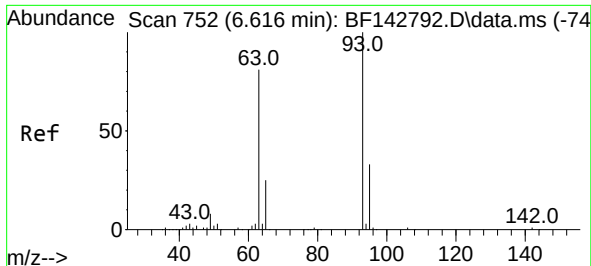
Ion Ratio Lower Upper

94 100

65 34.8 11.3 51.3

66 52.3 24.9 64.9

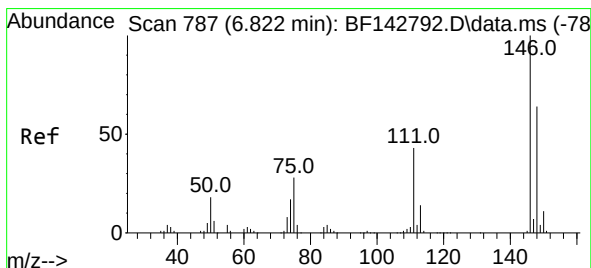
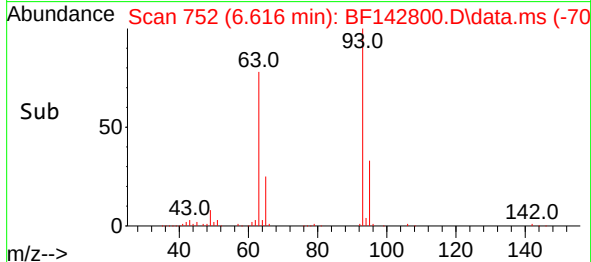
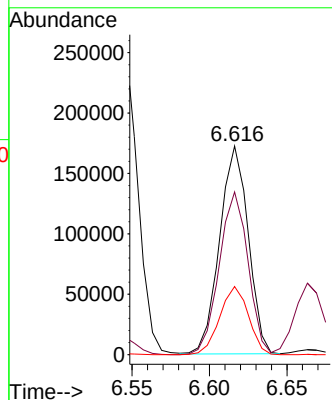
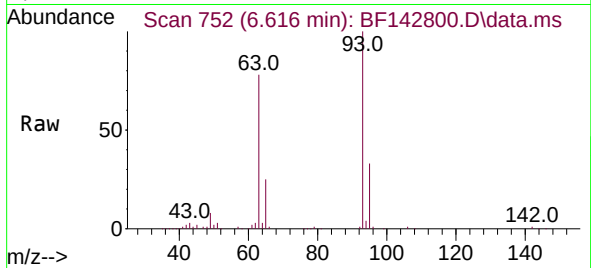




#11
bis(2-Chloroethyl)ether
Concen: 43.226 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

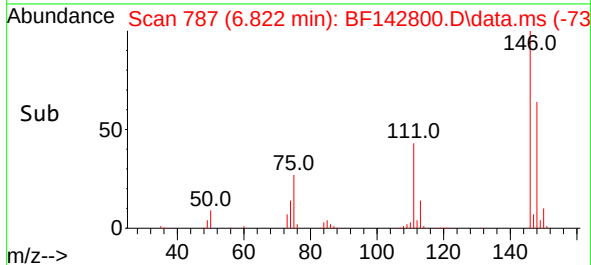
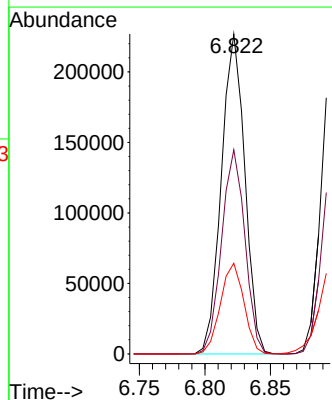
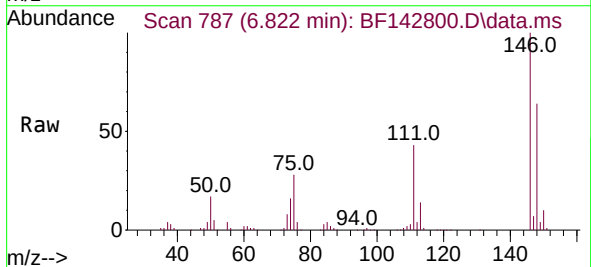
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

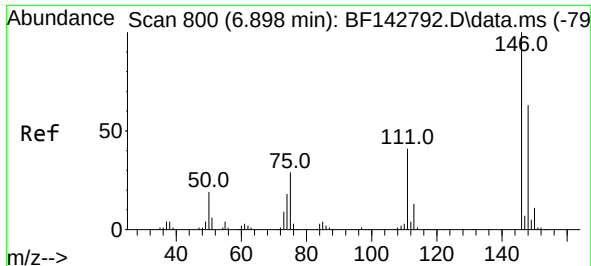
Tgt Ion: 93 Resp: 221438
Ion Ratio Lower Upper
93 100
63 78.0 60.3 100.3
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.894 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:146 Resp: 282821
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
75 28.3 22.7 34.1

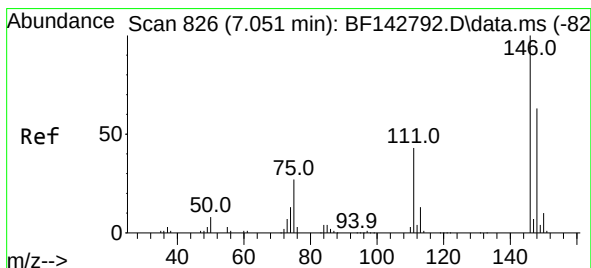
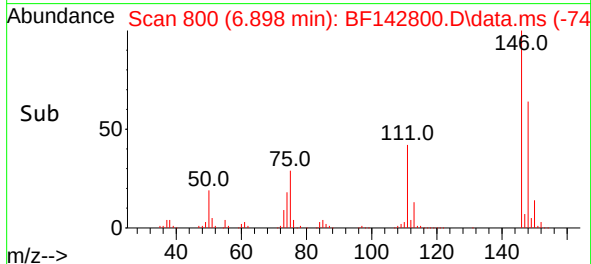
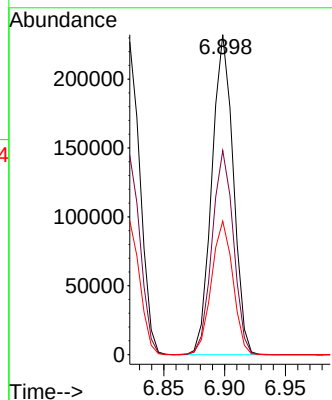
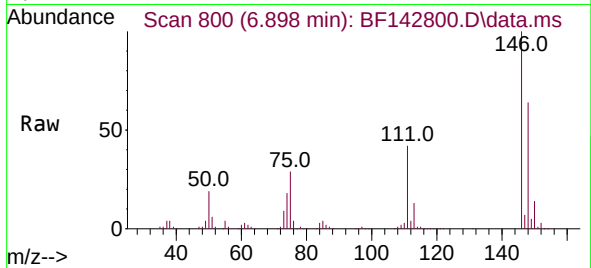




#13
1,4-Dichlorobenzene
Concen: 42.656 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

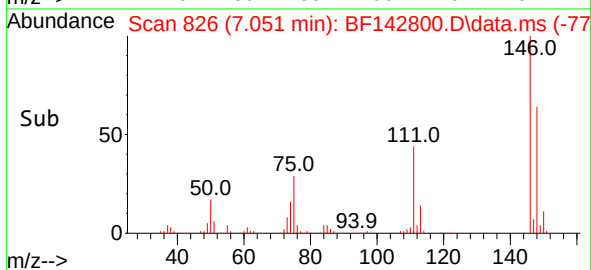
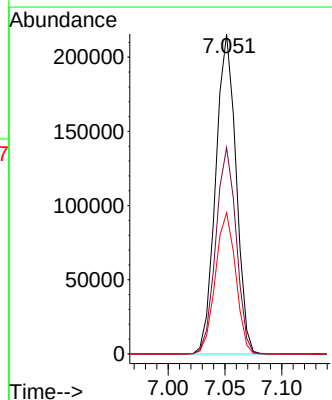
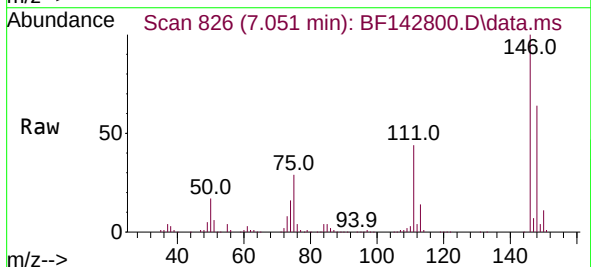
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

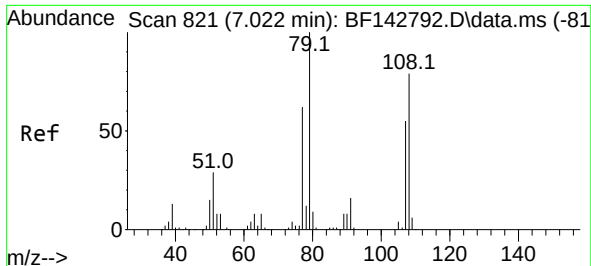
Tgt Ion:146 Resp: 283767
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.2
111 41.7 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 42.550 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:146 Resp: 268477
Ion Ratio Lower Upper
146 100
148 64.5 50.4 75.6
111 44.1 34.1 51.1

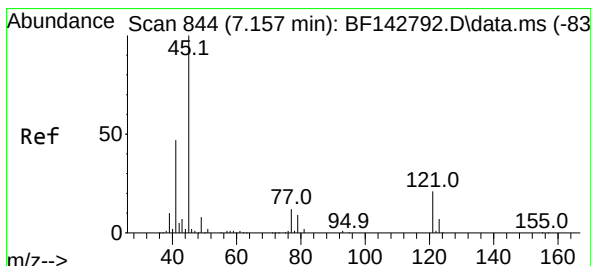
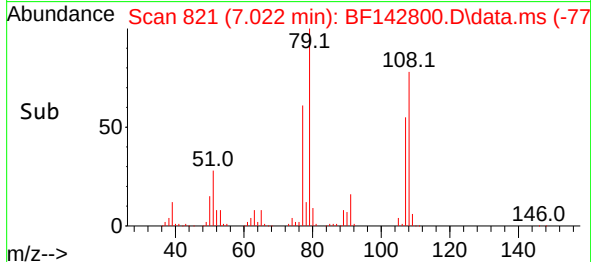
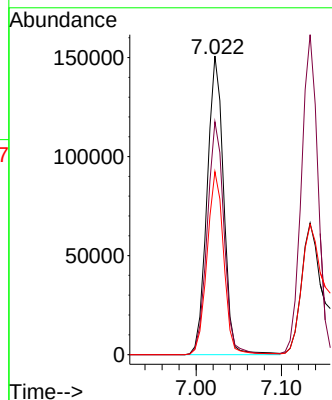
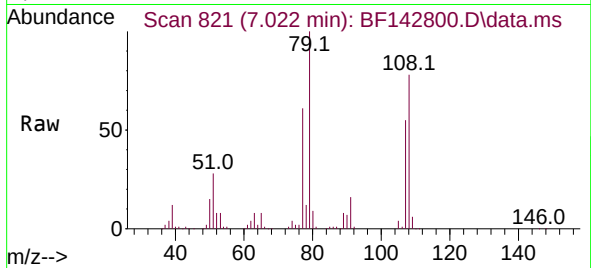




#15
Benzyl Alcohol
Concen: 43.512 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

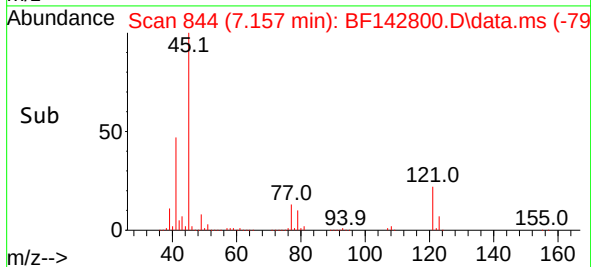
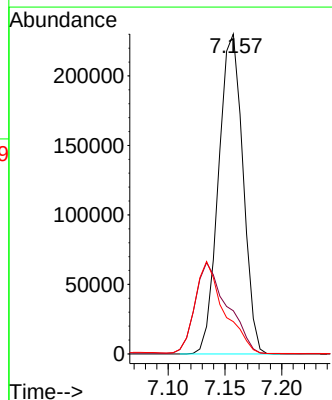
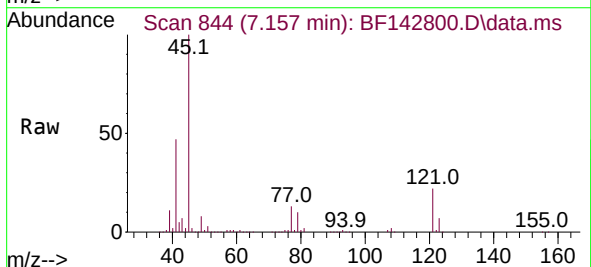
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

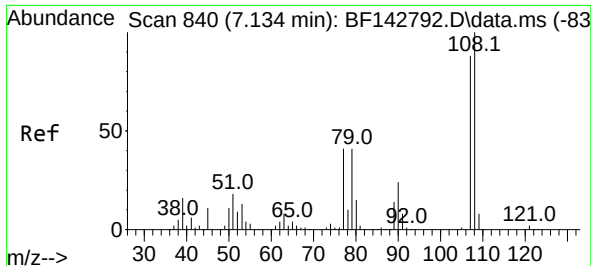
Tgt Ion: 79 Resp: 202832
Ion Ratio Lower Upper
79 100
108 78.0 63.4 95.0
77 61.3 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.757 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion: 45 Resp: 343677
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.8
79 10.1 0.0 29.8

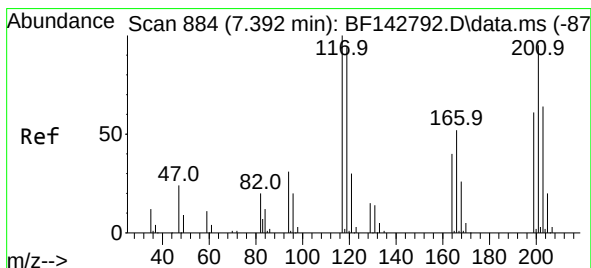
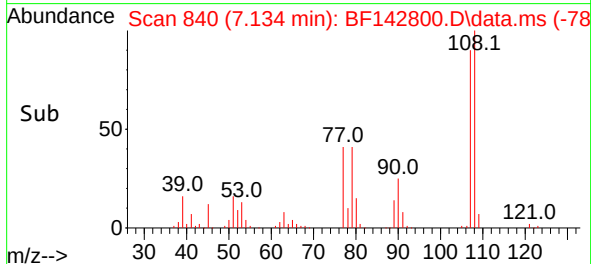
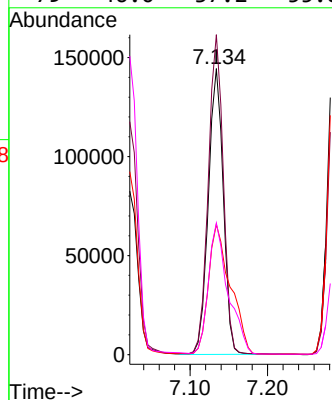
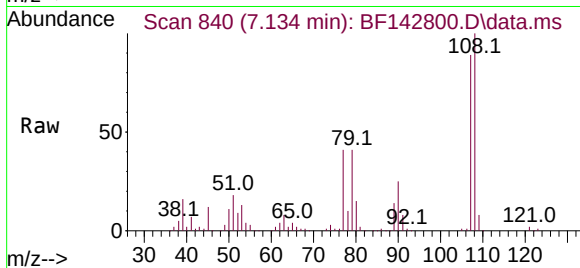




#17
2-Methylphenol
Concen: 43.291 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

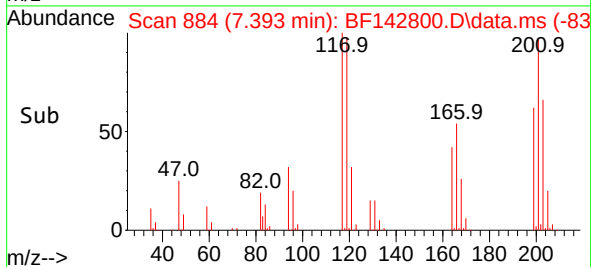
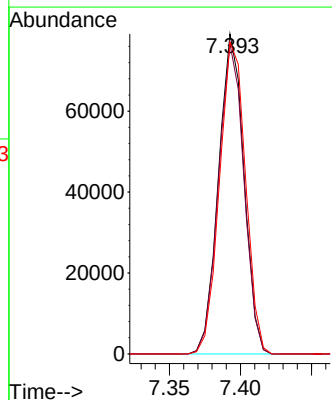
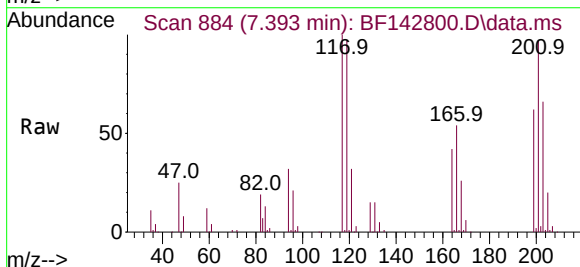
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

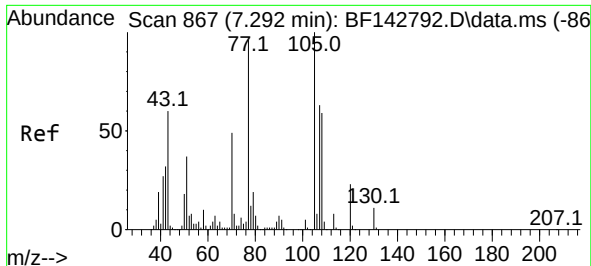
Tgt Ion:	107	Resp:	193415
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.9	136.3
77	45.5	37.3	55.9
79	46.0	37.2	55.8



#18
Hexachloroethane
Concen: 42.221 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

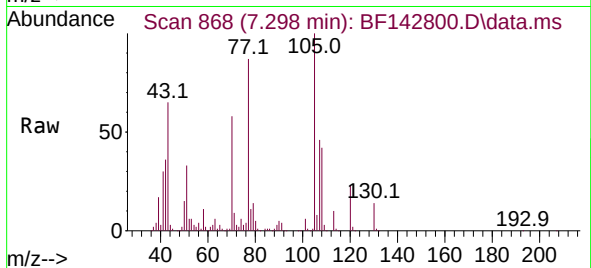
Tgt Ion:	117	Resp:	98240
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.4	113.0
201	97.4	75.9	113.9



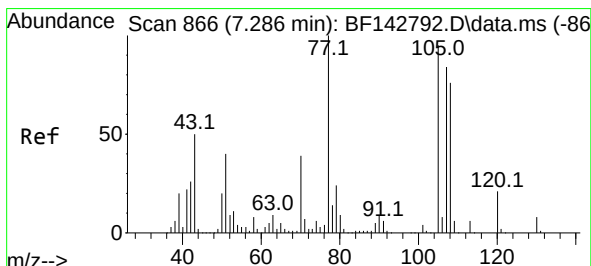
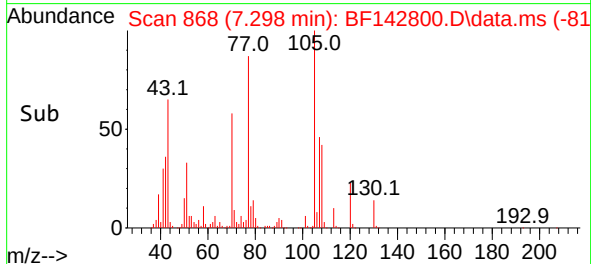
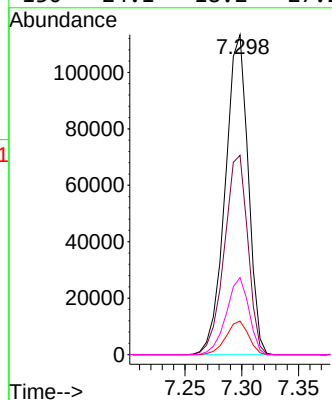


#19
n-Nitroso-di-n-propylamine
Concen: 42.397 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

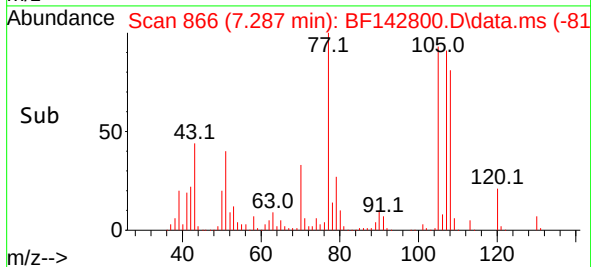
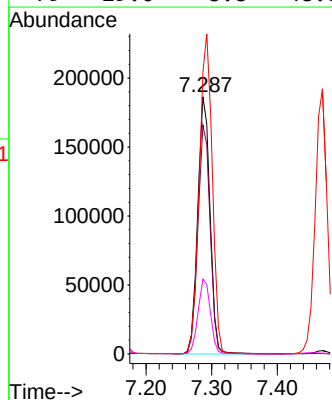
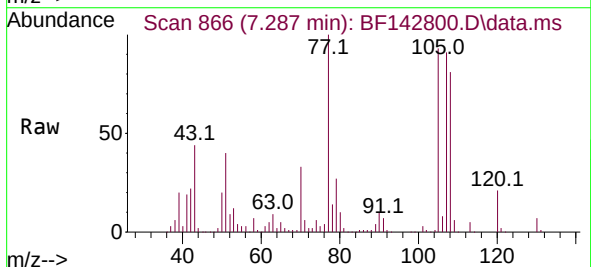


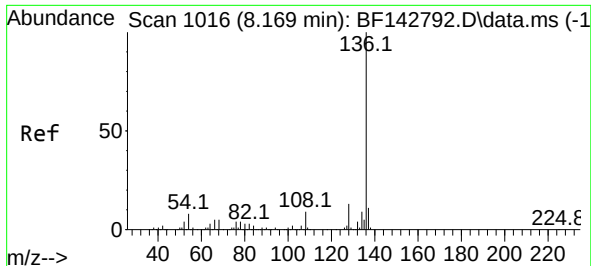
Tgt Ion: 70 Resp: 158999
Ion Ratio Lower Upper
70 100
42 62.3 52.1 78.1
101 10.5 8.2 12.2
130 24.1 18.2 27.2



#20
3+4-Methylphenols
Concen: 43.427 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion: 107 Resp: 241910
Ion Ratio Lower Upper
107 100
108 89.0 70.0 110.0
77 109.5 98.5 138.5
79 29.0 8.8 48.8

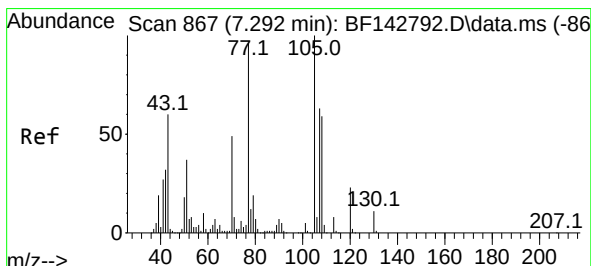
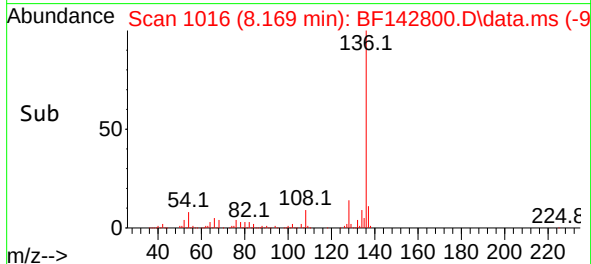
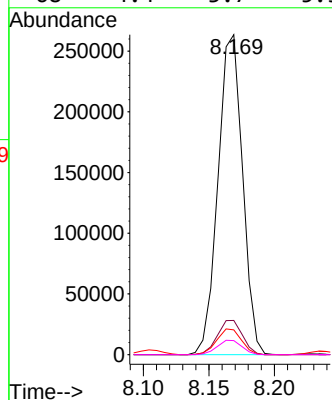
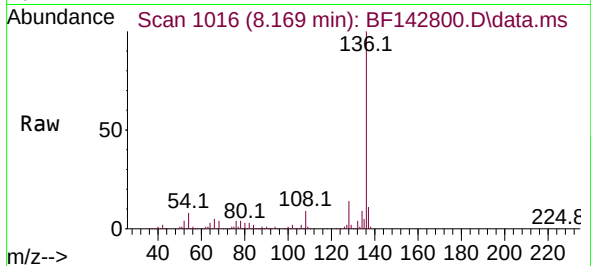




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

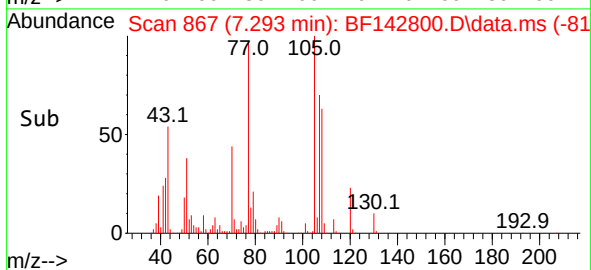
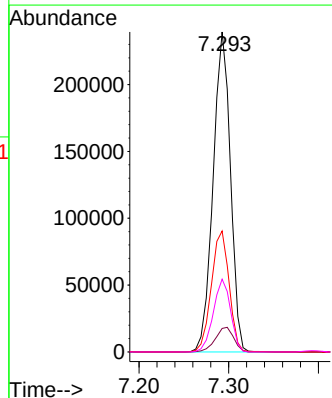
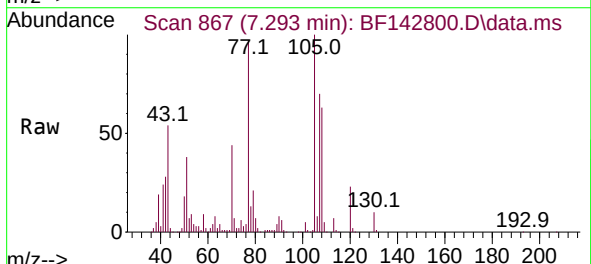
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

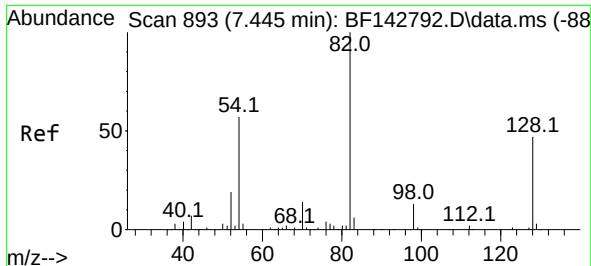
Tgt Ion:	136	Resp:	344459
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.4	12.6
54	7.7	6.3	9.5
68	4.4	3.7	5.5



#22
Acetophenone
Concen: 42.491 ng
RT: 7.293 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:	105	Resp:	322756
Ion Ratio	Lower	Upper	
105	100		
71	7.3	6.5	9.7
51	37.8	29.8	44.8
120	22.7	18.2	27.2





#23

Nitrobenzene-d5

Concen: 85.487 ng

RT: 7.451 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

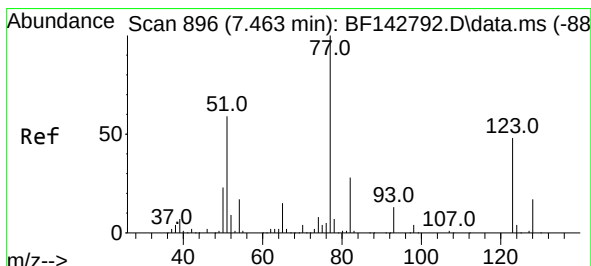
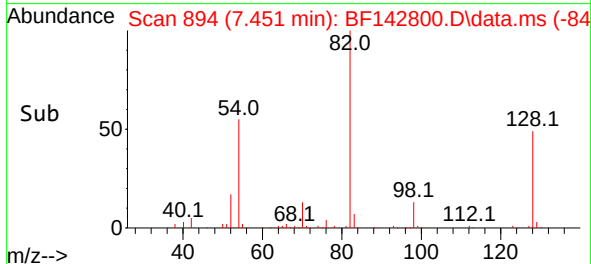
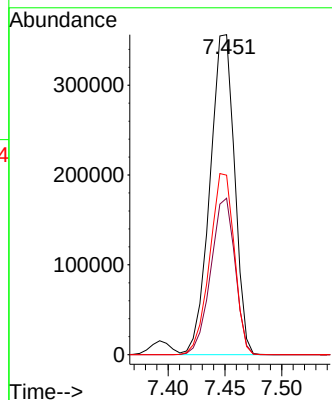
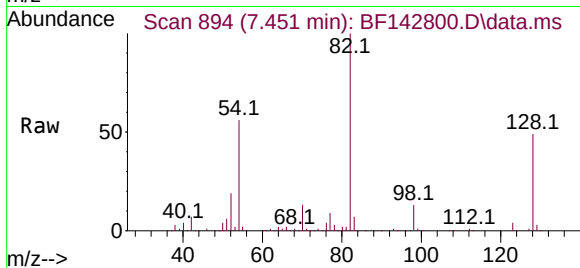
Tgt Ion: 82 Resp: 536855

Ion Ratio Lower Upper

82 100

128 48.9 37.7 56.5

54 56.1 45.7 68.5



#24

Nitrobenzene

Concen: 42.364 ng

RT: 7.469 min Scan# 897

Delta R.T. 0.006 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

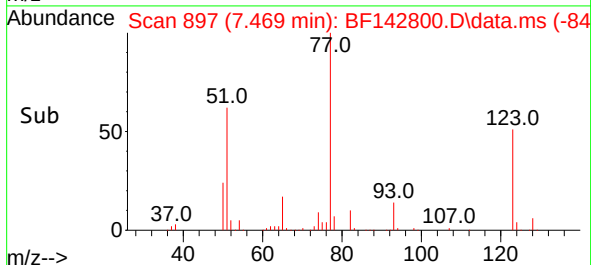
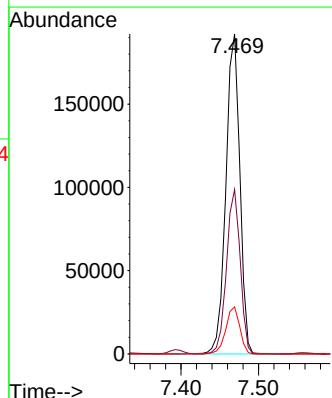
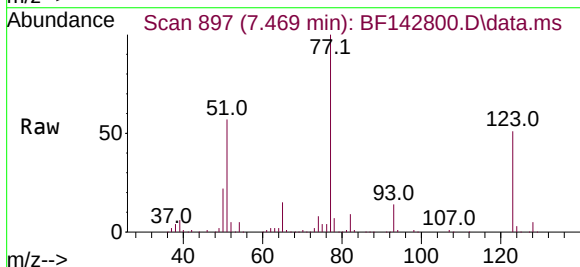
Tgt Ion: 77 Resp: 240796

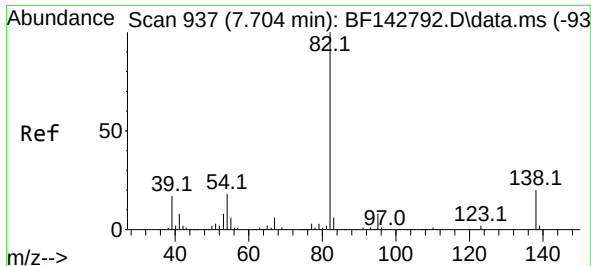
Ion Ratio Lower Upper

77 100

123 51.4 39.2 58.8

65 14.7 11.6 17.4

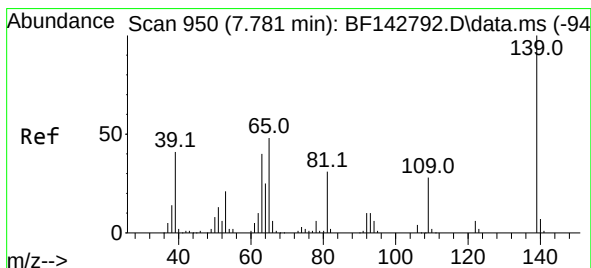
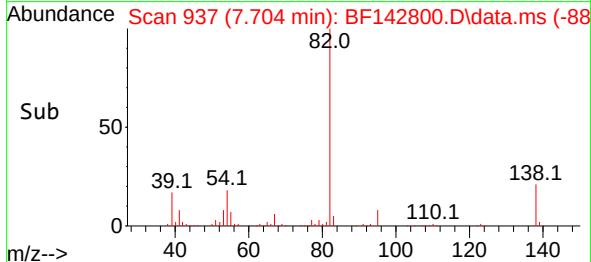
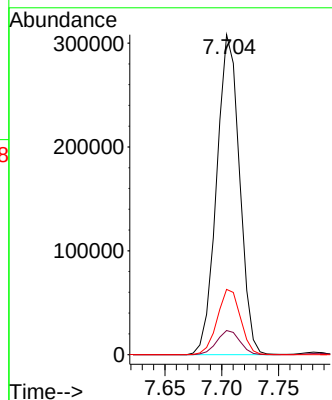
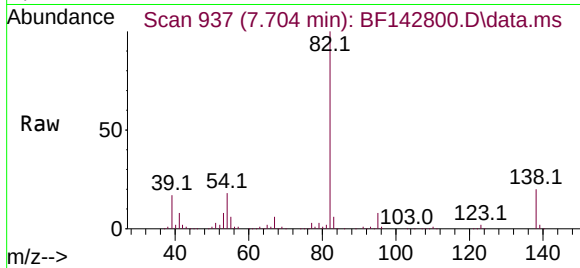




#25
Isophorone
Concen: 42.859 ng
RT: 7.704 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

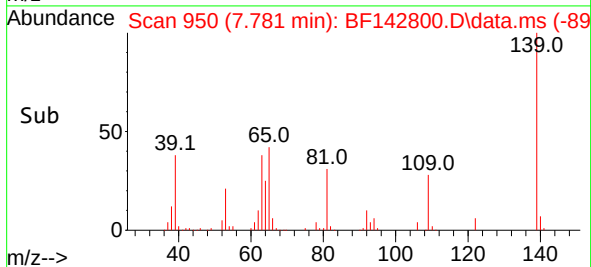
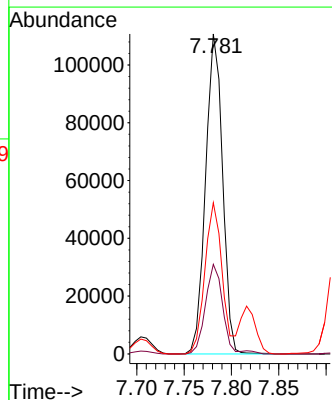
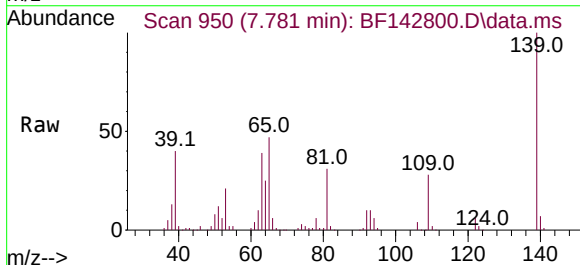
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

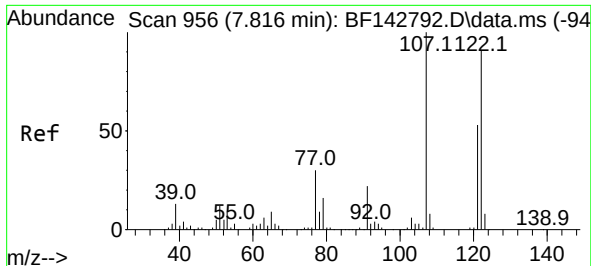
Tgt Ion: 82 Resp: 431762
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 20.4 16.2 24.4



#26
2-Nitrophenol
Concen: 44.600 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:139 Resp: 138094
Ion Ratio Lower Upper
139 100
109 28.0 22.7 34.1
65 47.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.970 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

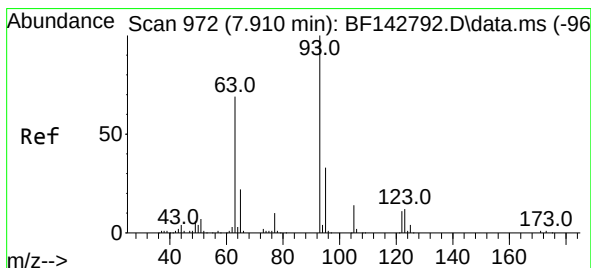
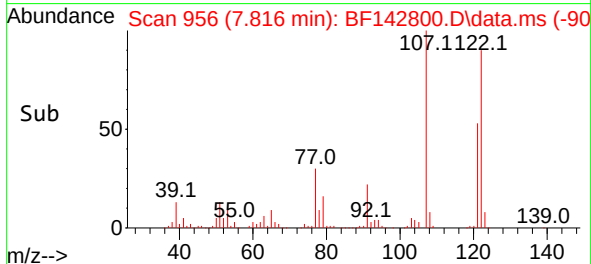
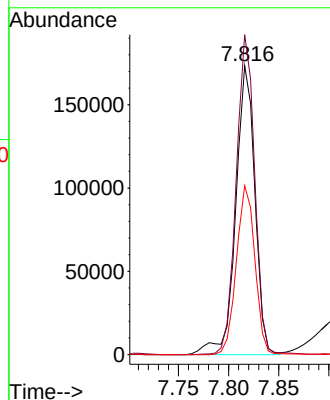
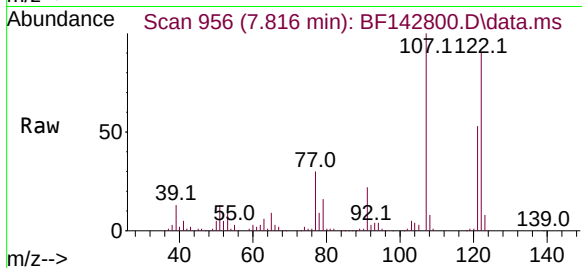
Tgt Ion:122 Resp: 230461

Ion Ratio Lower Upper

122 100

107 110.8 88.0 132.0

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.506 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

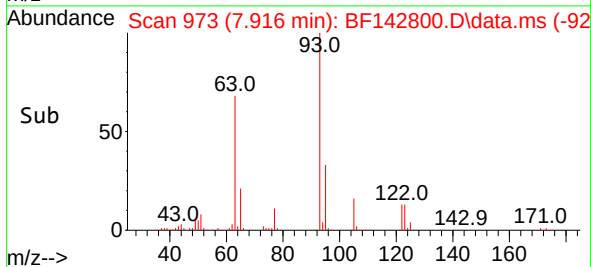
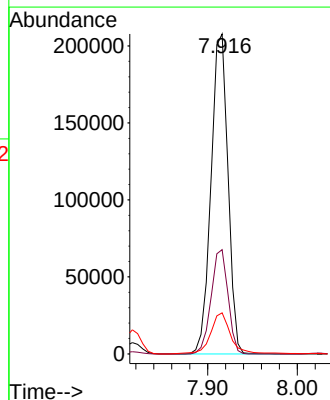
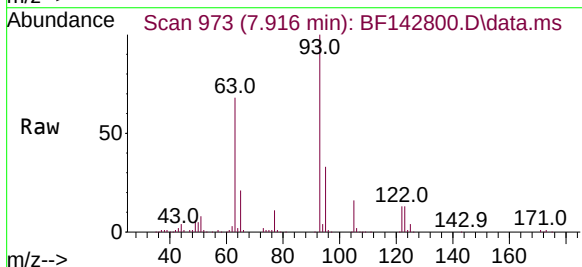
Tgt Ion: 93 Resp: 272231

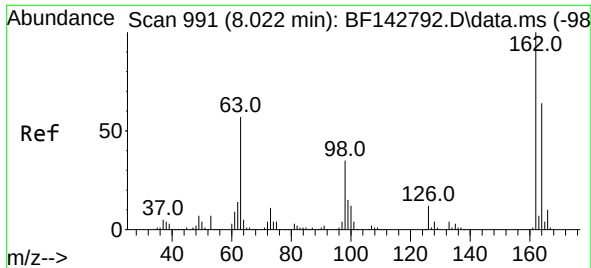
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.8 9.9 14.9

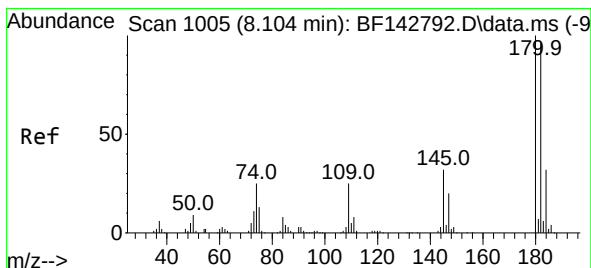
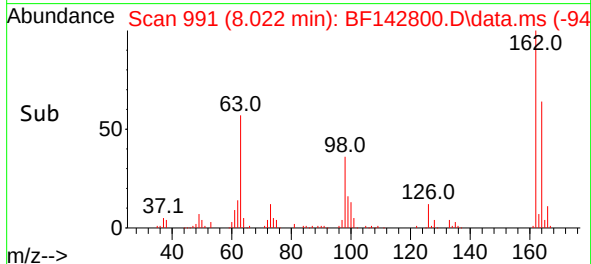
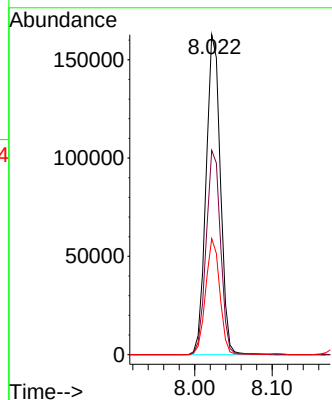
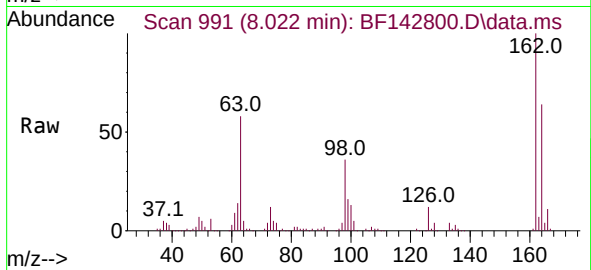




#29
2,4-Dichlorophenol
Concen: 42.984 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

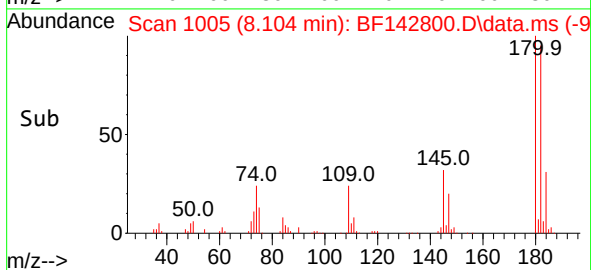
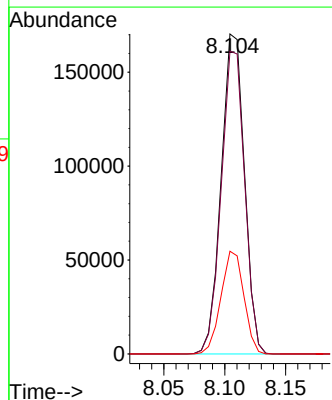
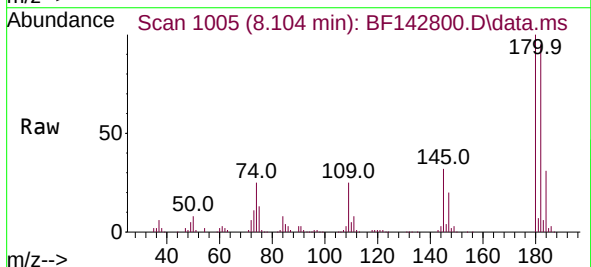
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

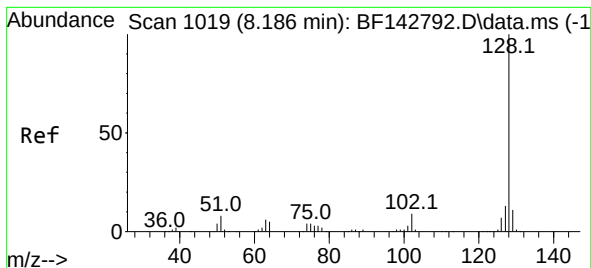
Tgt Ion:	162	Resp:	209031
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.0	84.0
98	36.2	15.4	55.4



#30
1,2,4-Trichlorobenzene
Concen: 42.355 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:	180	Resp:	226488
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.4	114.6
145	32.1	25.8	38.8





#31

Naphthalene

Concen: 42.599 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

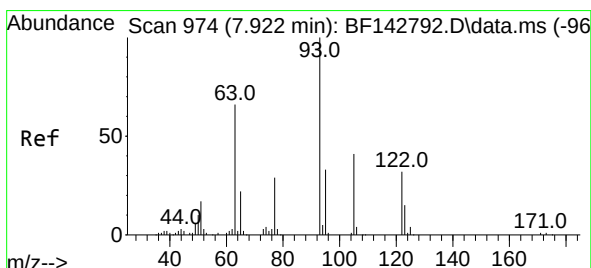
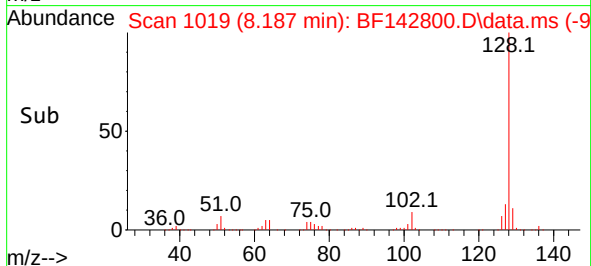
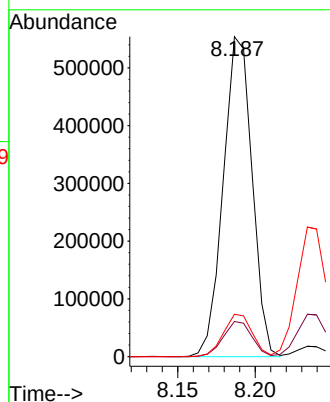
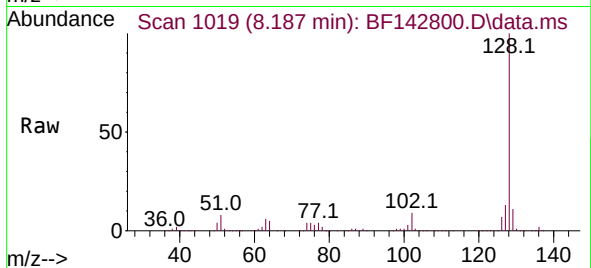
Tgt Ion:128 Resp: 718243

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.2 10.4 15.6



#32

Benzoic acid

Concen: 45.901 ng

RT: 7.934 min Scan# 976

Delta R.T. 0.012 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

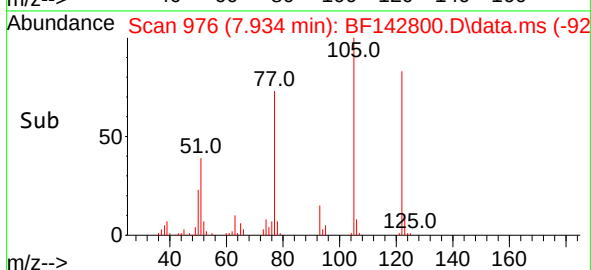
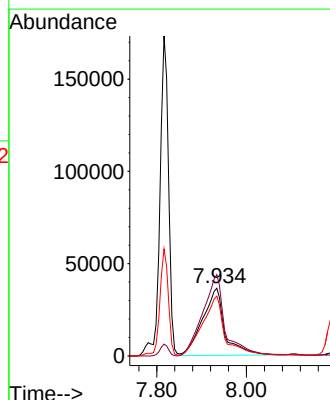
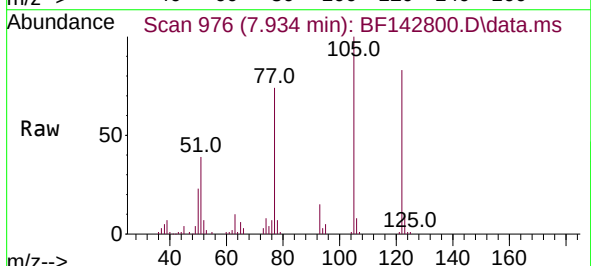
Tgt Ion:122 Resp: 125474

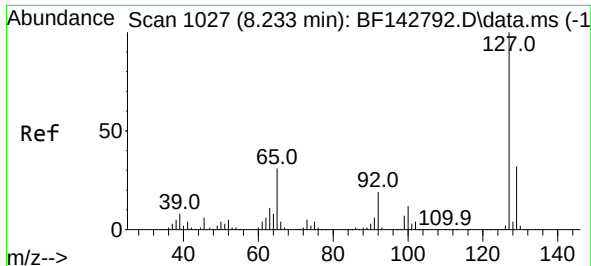
Ion Ratio Lower Upper

122 100

105 120.1 104.7 144.7

77 88.4 70.2 110.2

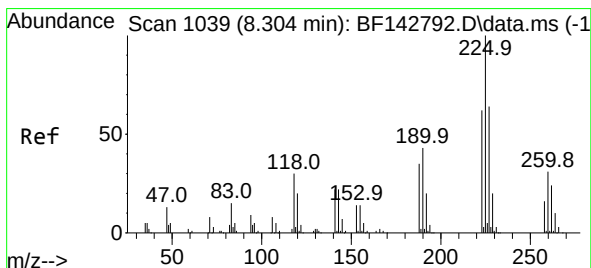
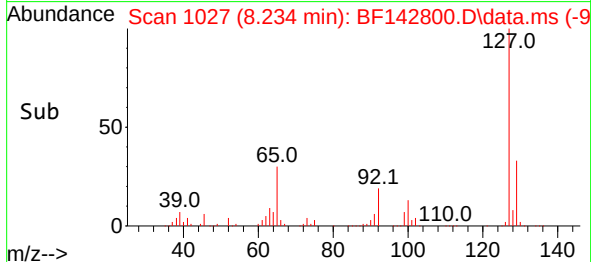
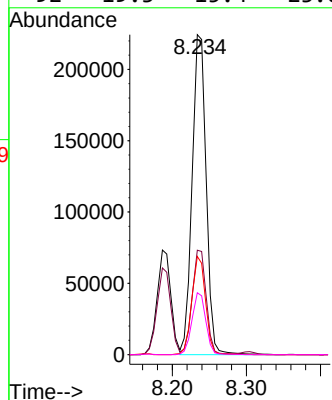
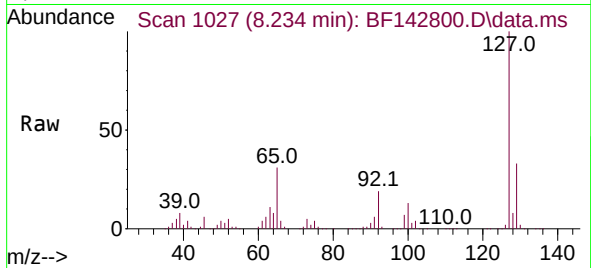




#33
4-Chloroaniline
Concen: 43.059 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

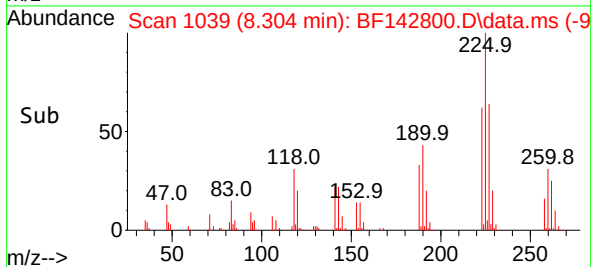
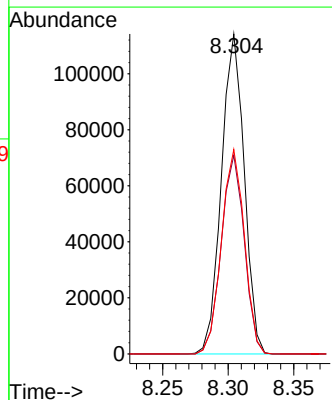
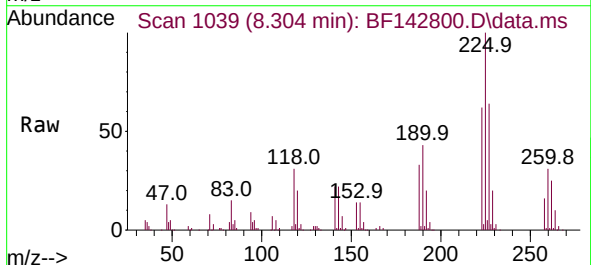
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

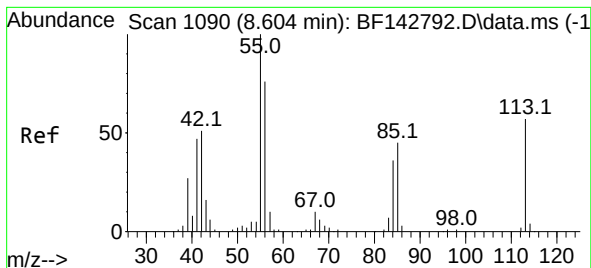
Tgt Ion:	127	Resp:	295206
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	30.7	24.6	36.8
92	19.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.366 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:	225	Resp:	138574
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.9	74.9
227	63.9	51.4	77.0





#35

Caprolactam

Concen: 46.542 ng

RT: 8.610 min Scan# 1090

Delta R.T. 0.006 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

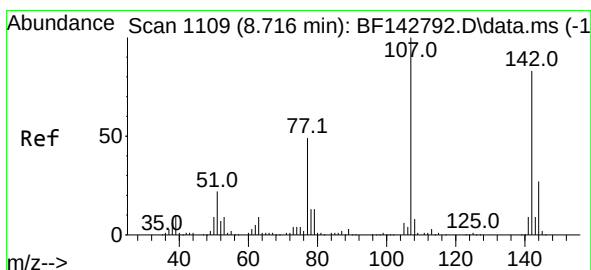
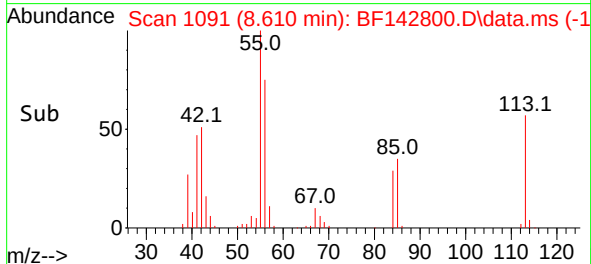
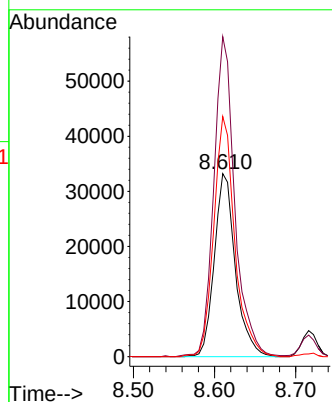
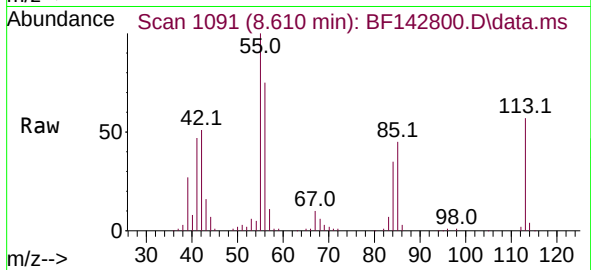
Tgt Ion:113 Resp: 59724

Ion Ratio Lower Upper

113 100

55 174.9 154.4 194.4

56 131.2 112.1 152.1



#36

4-Chloro-3-methylphenol

Concen: 43.410 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

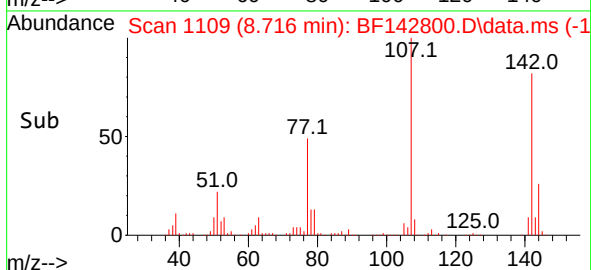
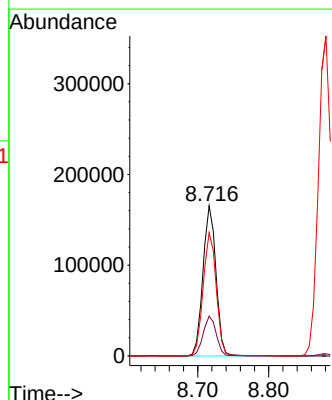
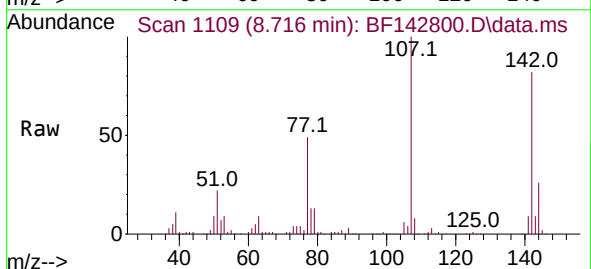
Tgt Ion:107 Resp: 209800

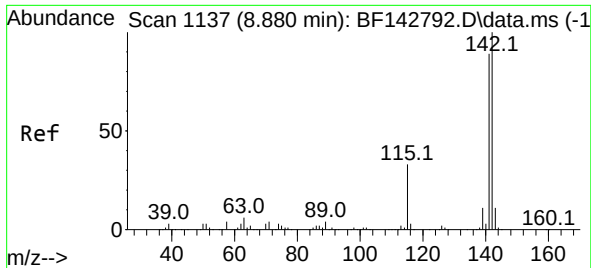
Ion Ratio Lower Upper

107 100

144 26.5 21.3 31.9

142 82.1 66.6 100.0

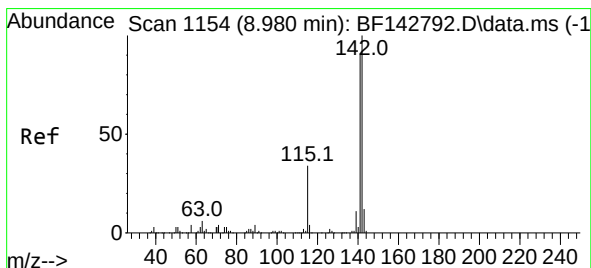
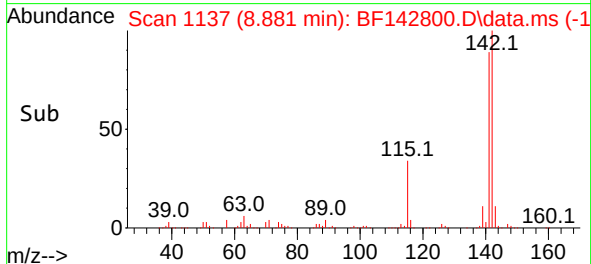
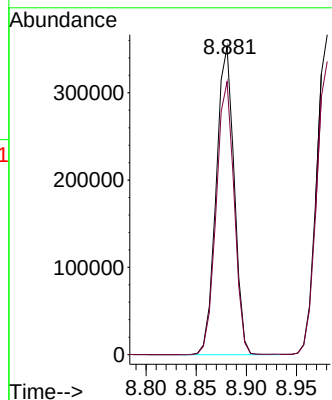
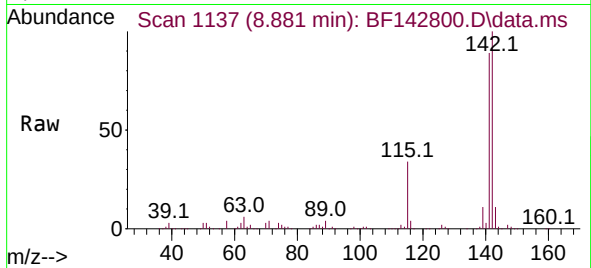




#37
2-Methylnaphthalene
Concen: 42.202 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

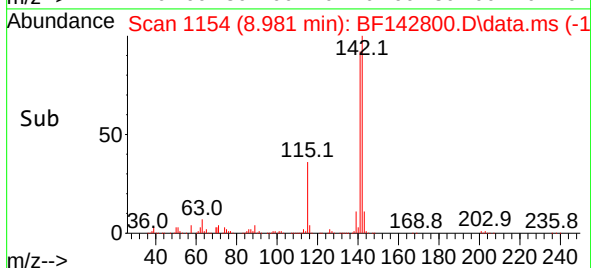
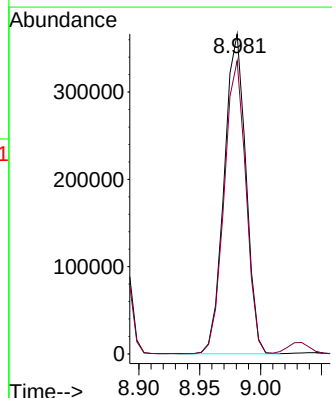
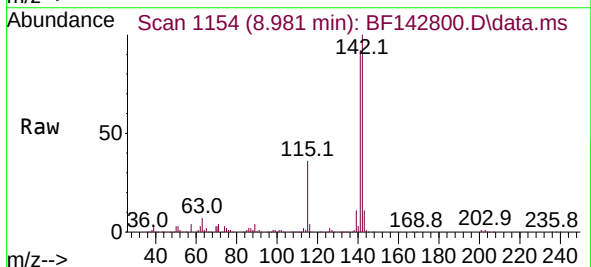
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

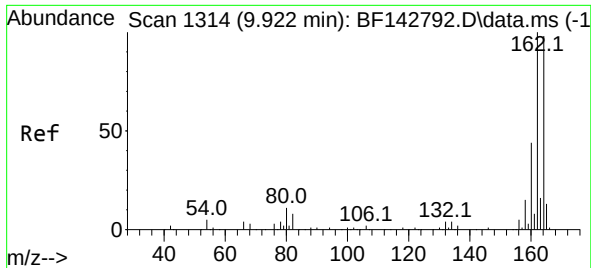
Tgt Ion:142 Resp: 441136
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#38
1-Methylnaphthalene
Concen: 42.052 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:142 Resp: 455034
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4

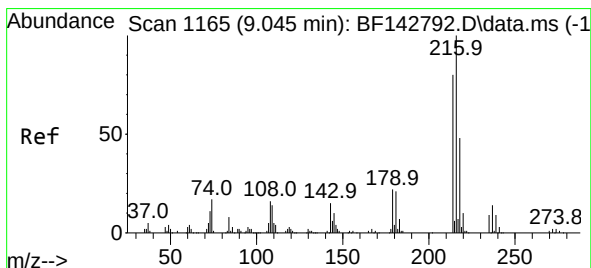
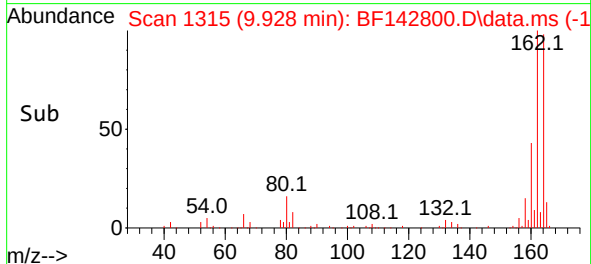
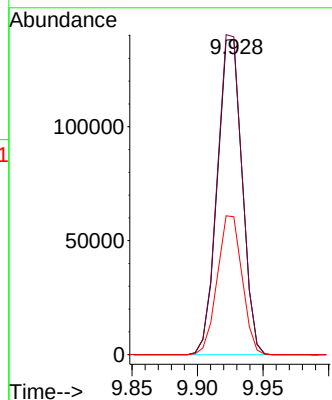
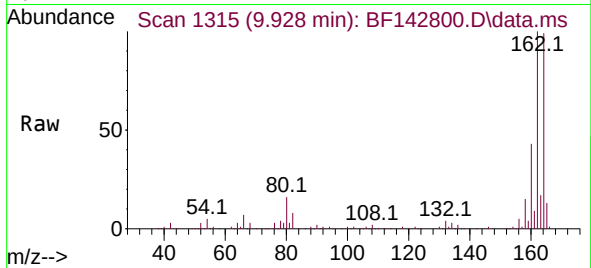




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.928 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: BF142800.D
 Acq: 23 Jun 2025 11:40

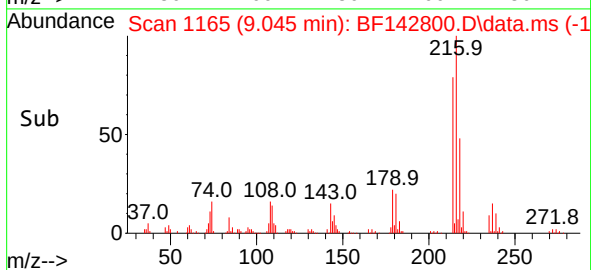
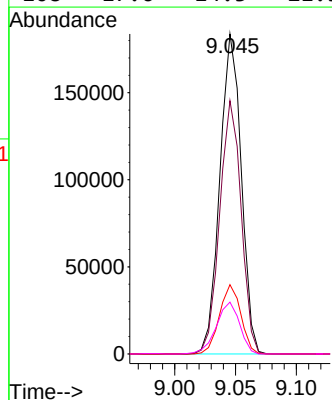
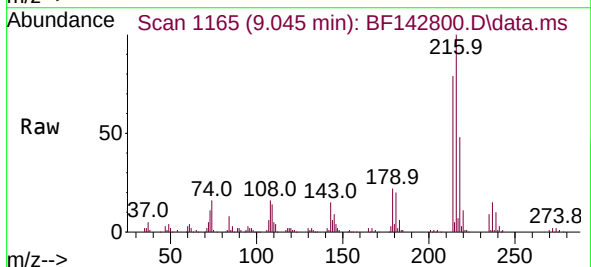
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

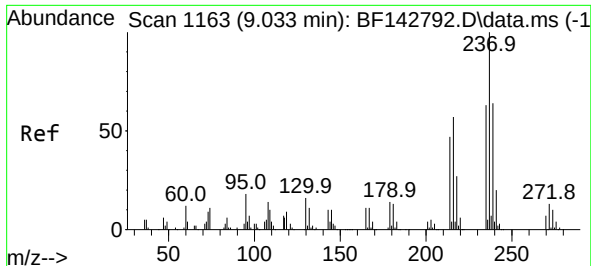
Tgt Ion:164 Resp: 182077
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.8 122.8
 160 43.7 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.804 ng
 RT: 9.045 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: BF142800.D
 Acq: 23 Jun 2025 11:40

Tgt Ion:216 Resp: 224594
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.7 95.5
 179 21.6 17.6 26.4
 108 17.6 14.3 21.5

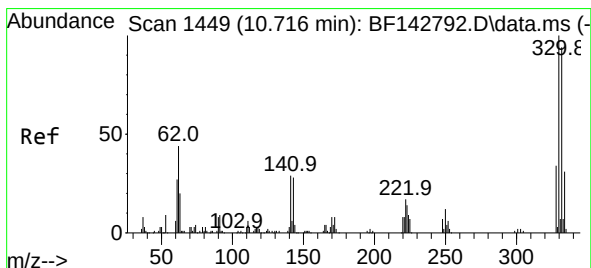
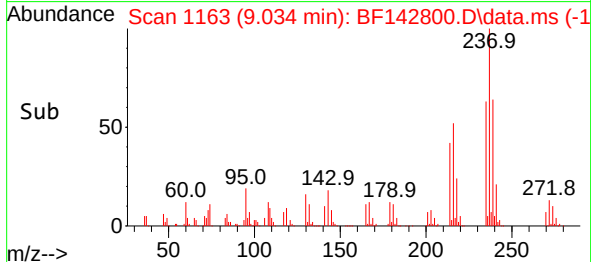
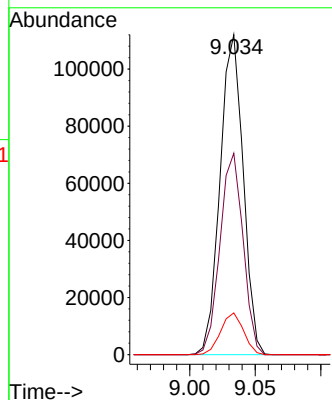
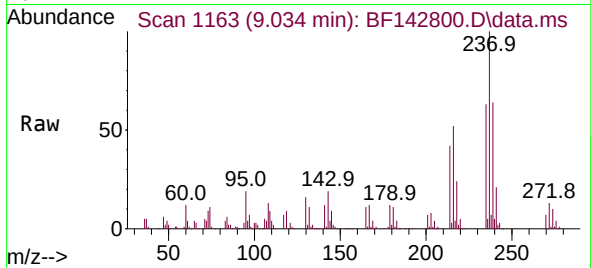




#41
Hexachlorocyclopentadiene
Concen: 45.204 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

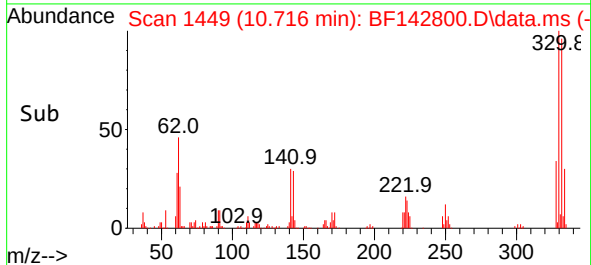
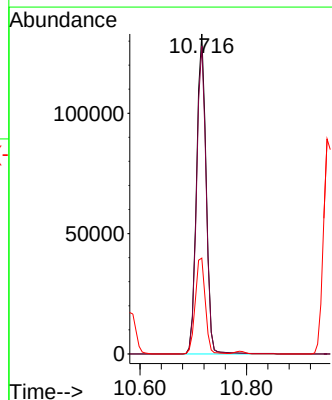
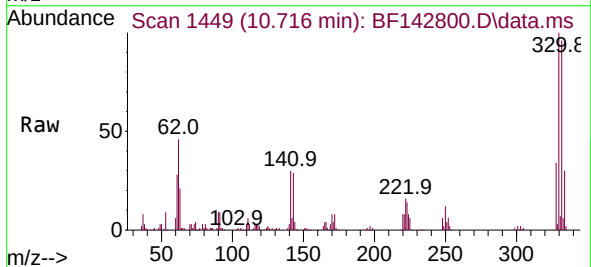
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

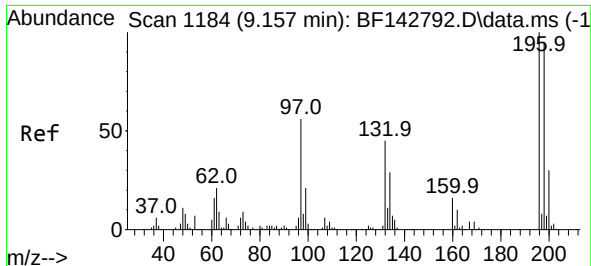
Tgt Ion:237 Resp: 137818
Ion Ratio Lower Upper
237 100
235 63.0 43.4 83.4
272 13.0 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 88.511 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:330 Resp: 165842
Ion Ratio Lower Upper
330 100
332 95.9 75.0 112.6
141 31.4 25.3 37.9

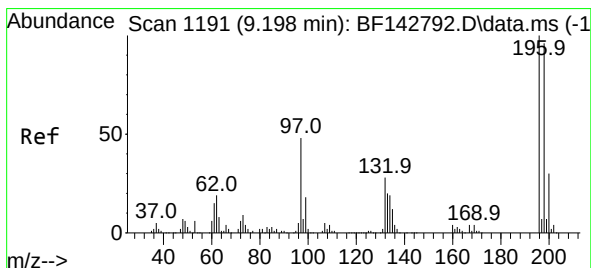
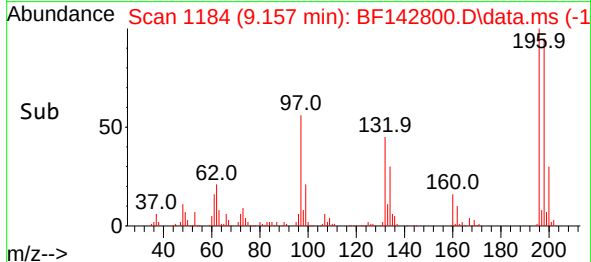
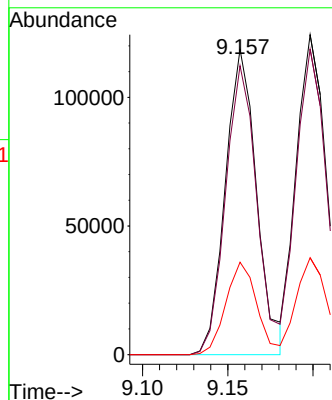
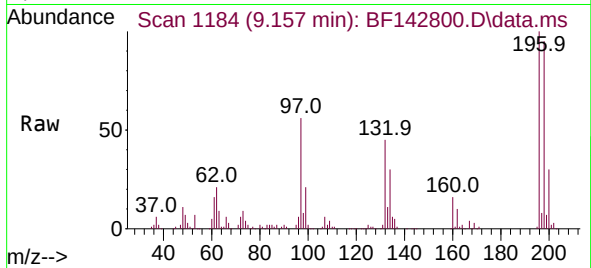




#43
2,4,6-Trichlorophenol
Concen: 43.259 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

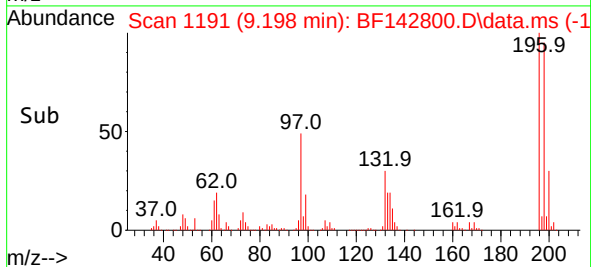
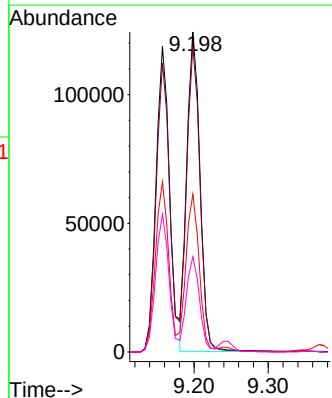
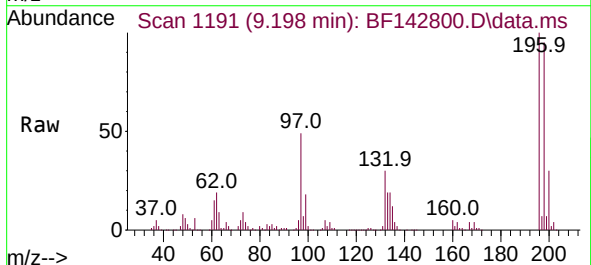
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

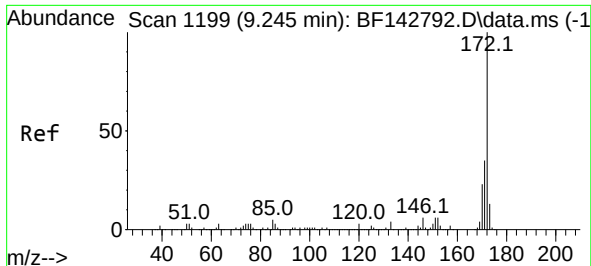
Tgt Ion:196 Resp: 151445
Ion Ratio Lower Upper
196 100
198 94.6 76.2 114.2
200 30.3 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 41.865 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:196 Resp: 154285
Ion Ratio Lower Upper
196 100
198 95.5 76.6 115.0
97 49.3 38.2 57.2
132 29.7 23.4 35.0

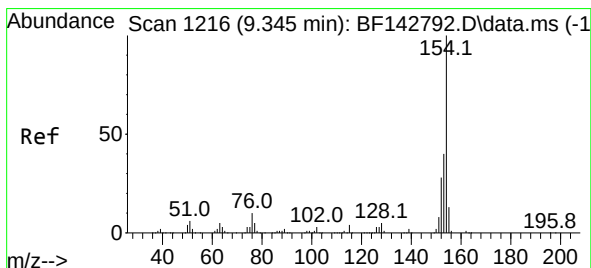
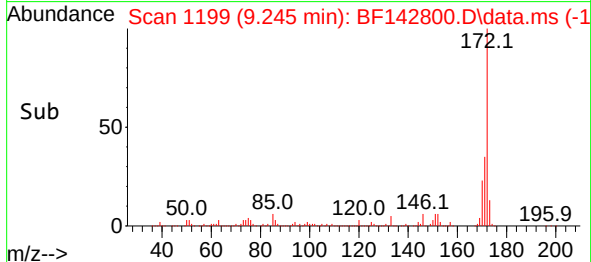
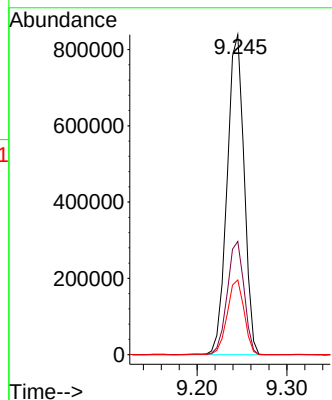
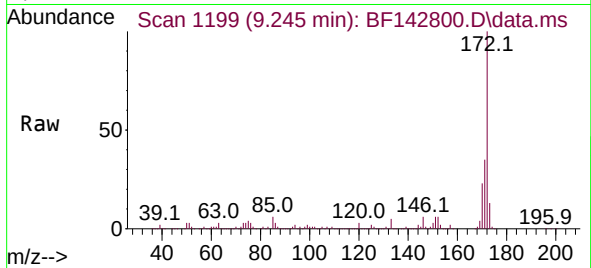




#45
2-Fluorobiphenyl
Concen: 79.950 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

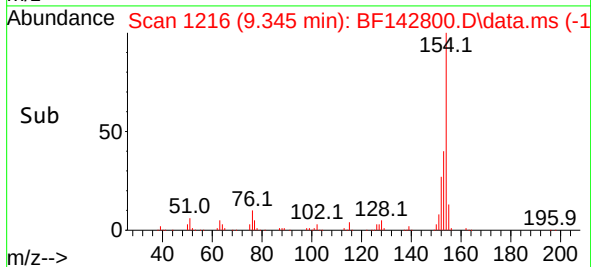
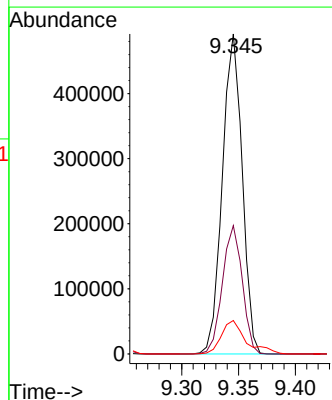
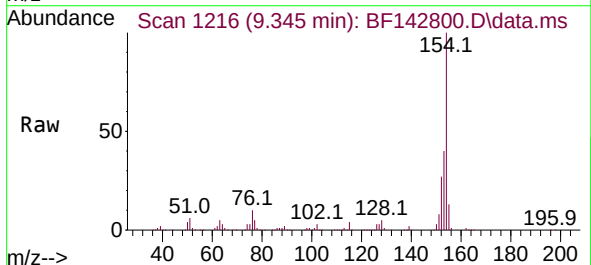
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

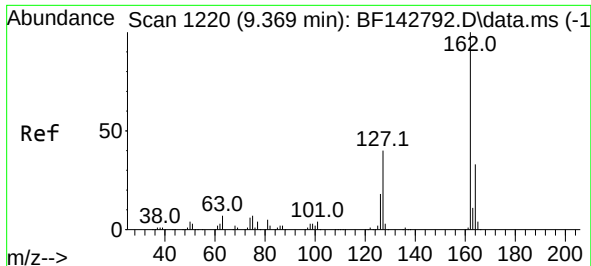
Tgt Ion:172 Resp: 1108116
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.4 18.5 27.7



#46
1,1'-Biphenyl
Concen: 41.421 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:154 Resp: 595765
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 10.4 0.0 30.3





#47

2-Chloronaphthalene

Concen: 41.656 ng

RT: 9.369 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

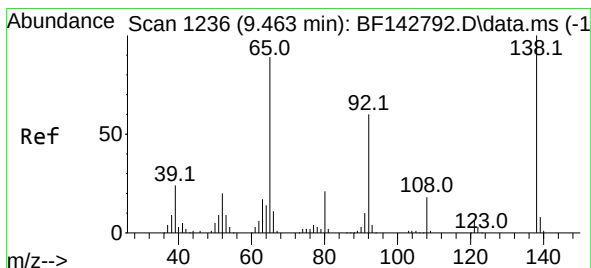
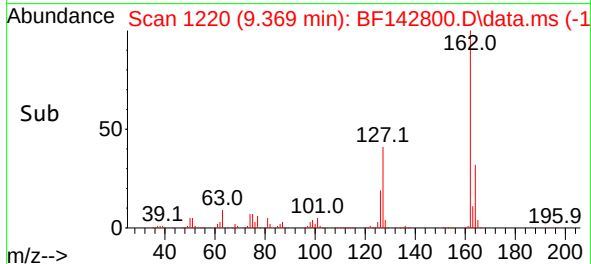
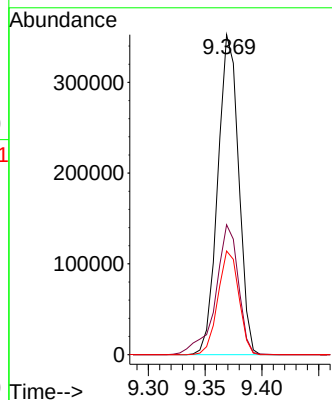
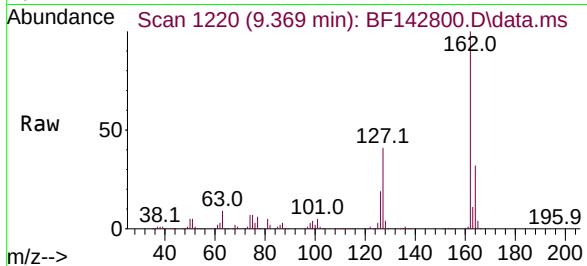
Tgt Ion:162 Resp: 449614

Ion Ratio Lower Upper

162 100

127 40.6 32.2 48.2

164 32.4 26.1 39.1



#48

2-Nitroaniline

Concen: 44.055 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

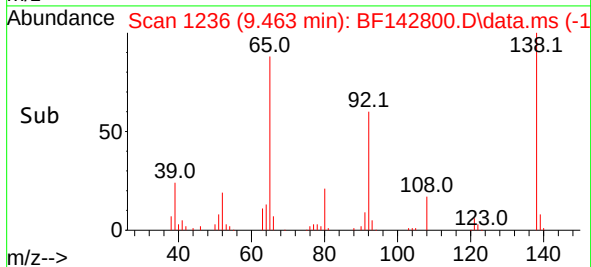
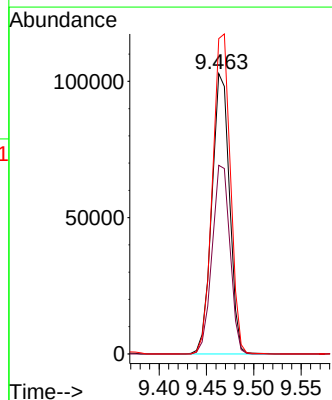
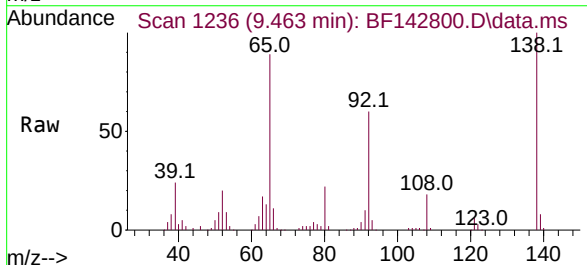
Tgt Ion: 65 Resp: 133311

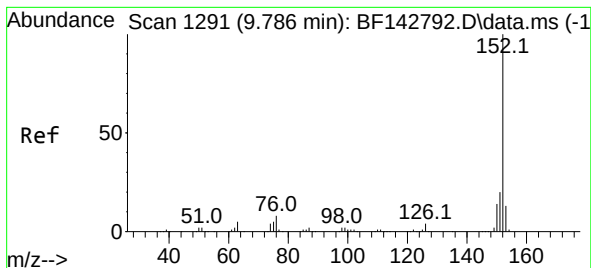
Ion Ratio Lower Upper

65 100

92 67.3 53.8 80.6

138 112.5 89.6 134.4





#49

Acenaphthylene

Concen: 42.001 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

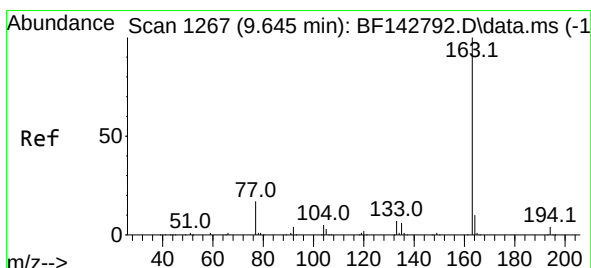
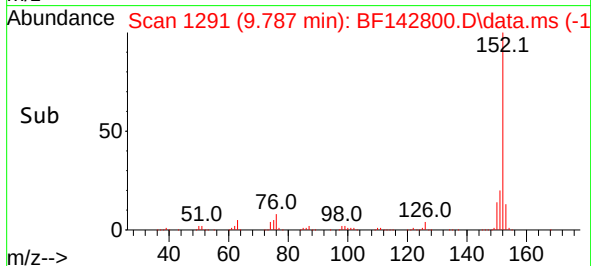
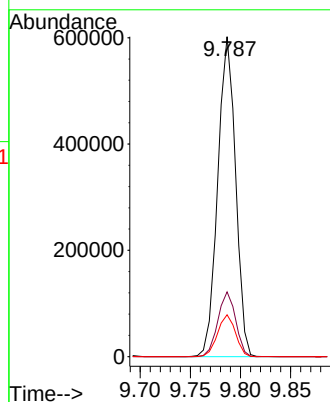
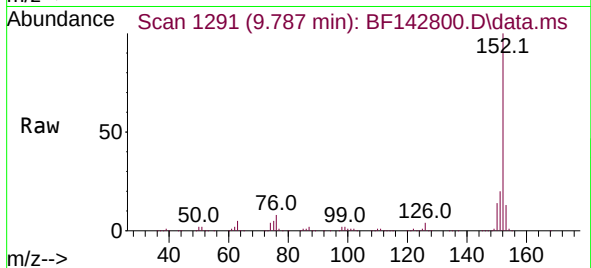
Tgt Ion:152 Resp: 746294

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 43.214 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

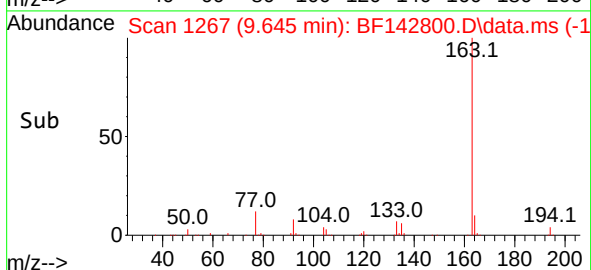
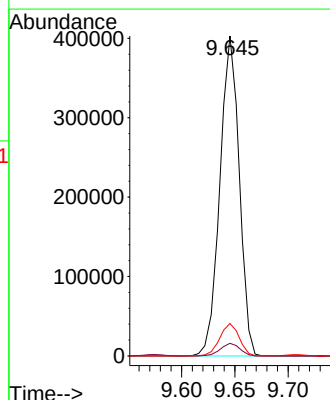
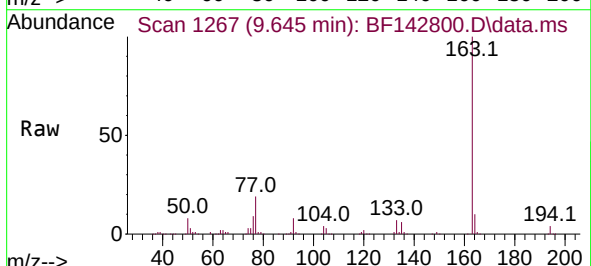
Tgt Ion:163 Resp: 509320

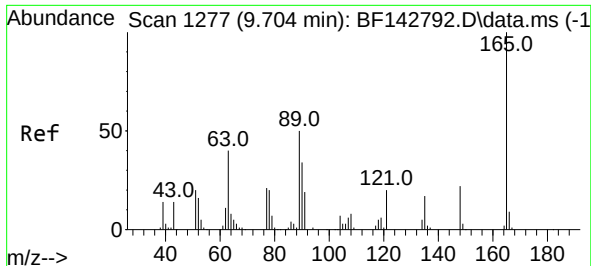
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 43.872 ng

RT: 9.710 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

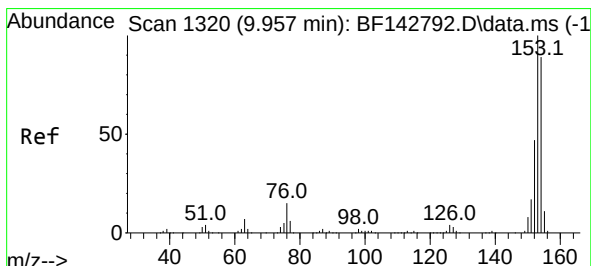
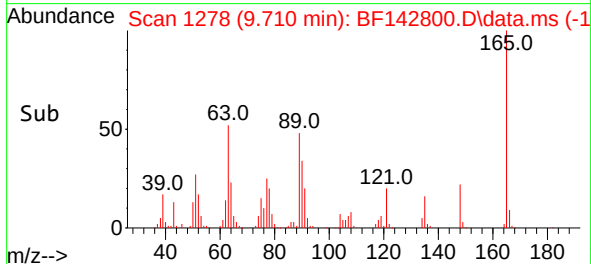
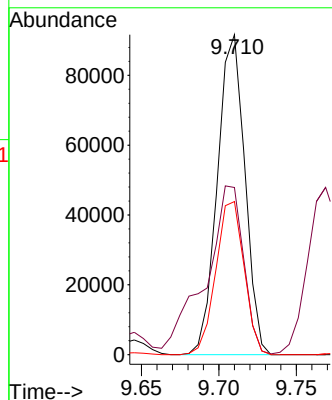
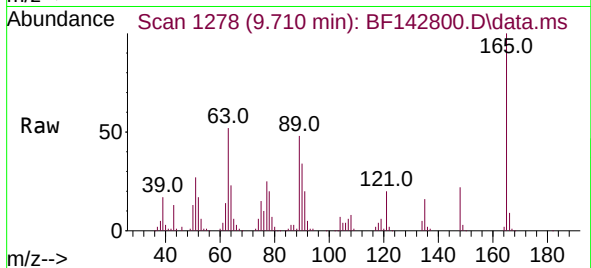
Tgt Ion:165 Resp: 113553

Ion Ratio Lower Upper

165 100

63 52.2 44.2 66.4

89 47.8 39.8 59.8



#52

Acenaphthene

Concen: 42.410 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

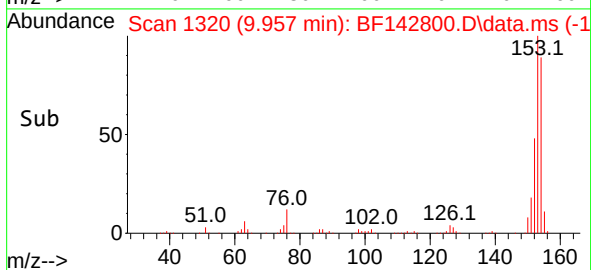
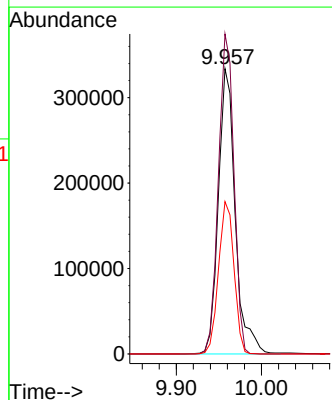
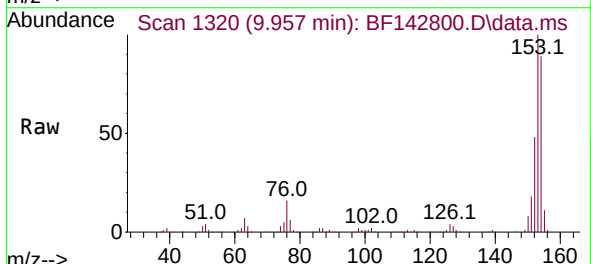
Tgt Ion:154 Resp: 459758

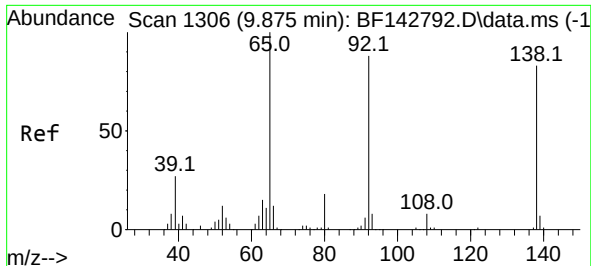
Ion Ratio Lower Upper

154 100

153 112.2 90.0 135.0

152 53.4 41.9 62.9

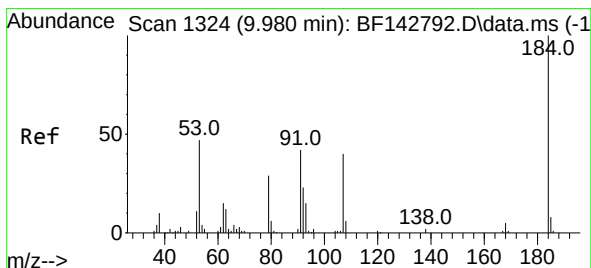
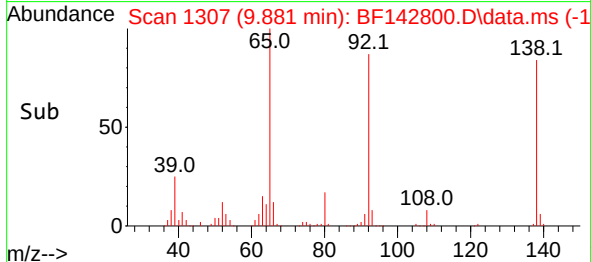
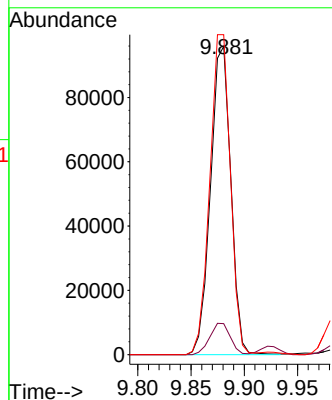
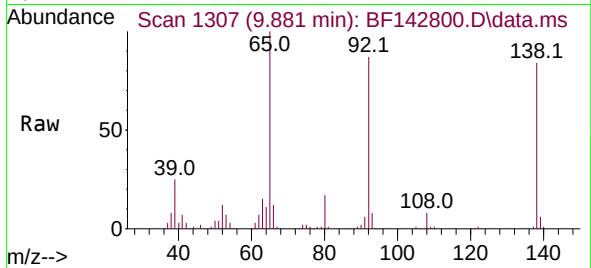




#53
3-Nitroaniline
Concen: 44.701 ng
RT: 9.881 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

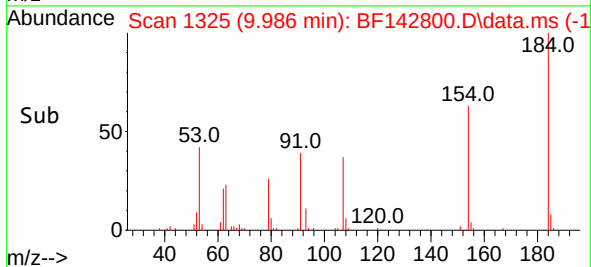
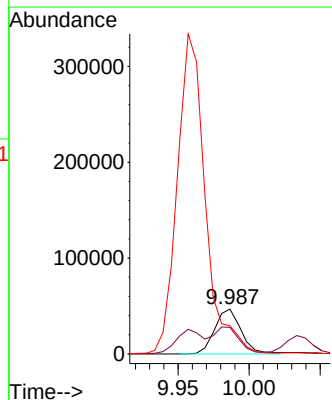
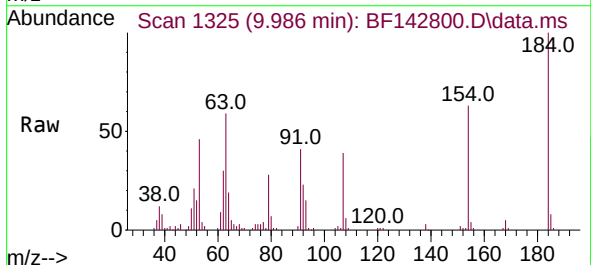
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

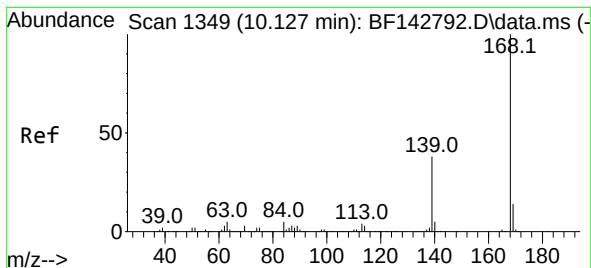
Tgt Ion:138 Resp: 127387
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 103.8 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 46.470 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:184 Resp: 60225
Ion Ratio Lower Upper
184 100
63 59.0 50.6 75.8
154 62.7 51.8 77.8





#55

Dibenzofuran

Concen: 41.875 ng

RT: 10.128 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

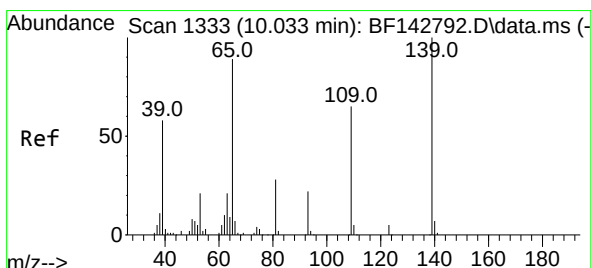
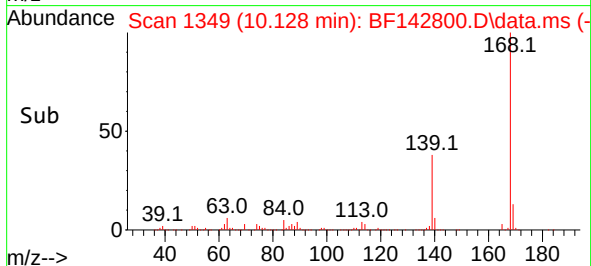
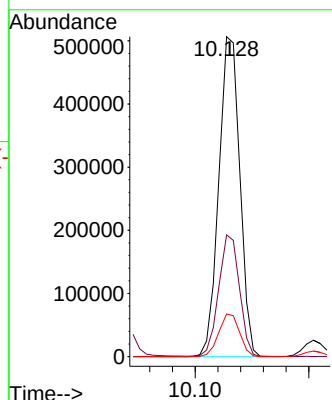
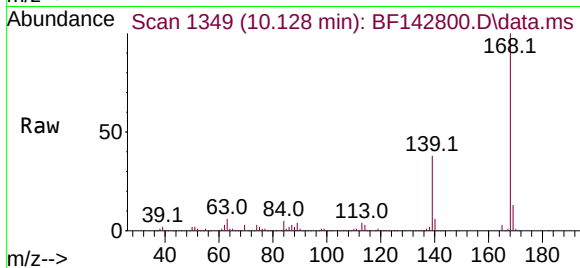
Tgt Ion:168 Resp: 650976

Ion Ratio Lower Upper

168 100

139 38.0 30.2 45.4

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 46.850 ng

RT: 10.034 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

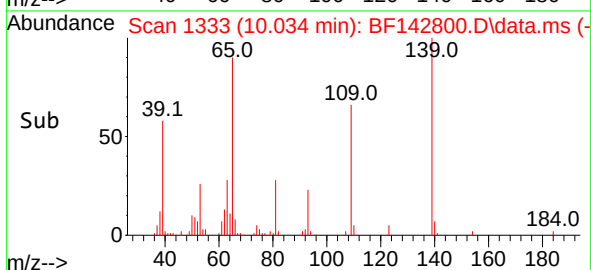
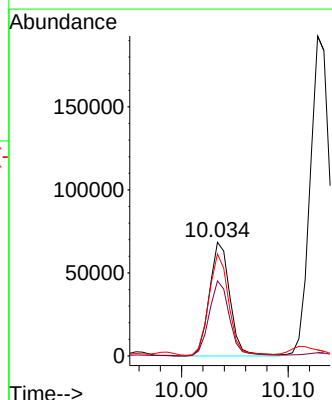
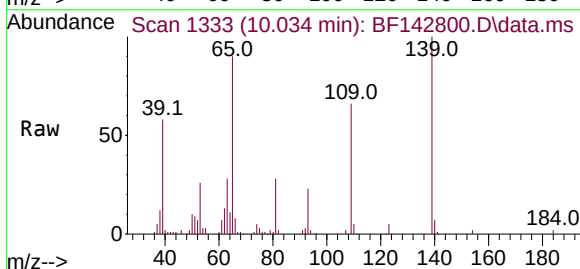
Tgt Ion:139 Resp: 91402

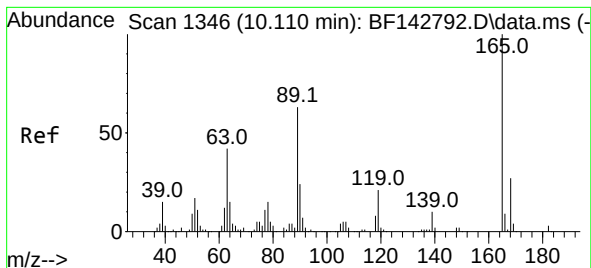
Ion Ratio Lower Upper

139 100

109 65.9 44.7 84.7

65 89.7 69.8 109.8

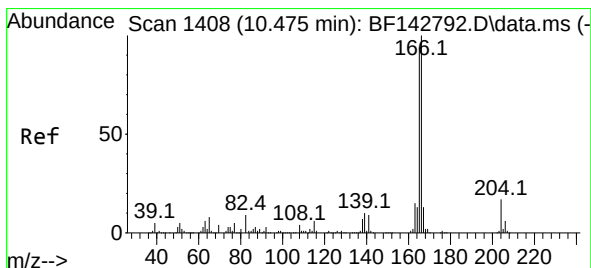
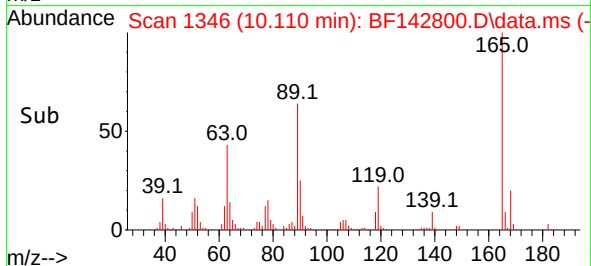
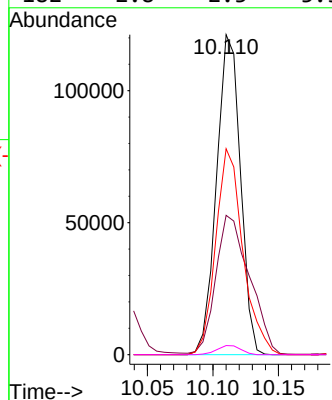
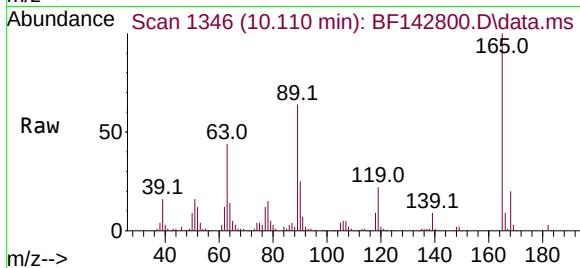




#57
2,4-Dinitrotoluene
Concen: 44.787 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

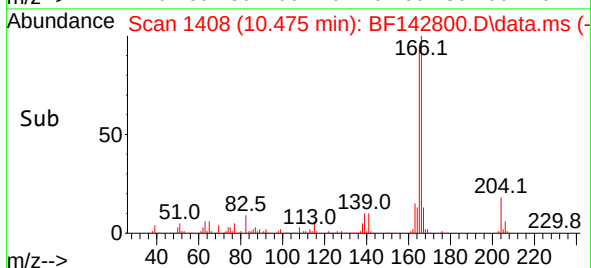
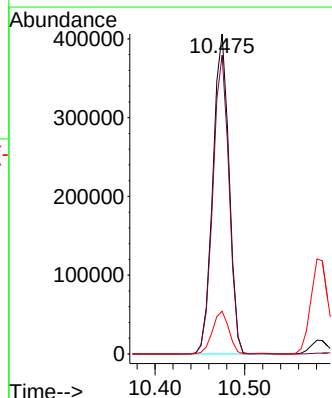
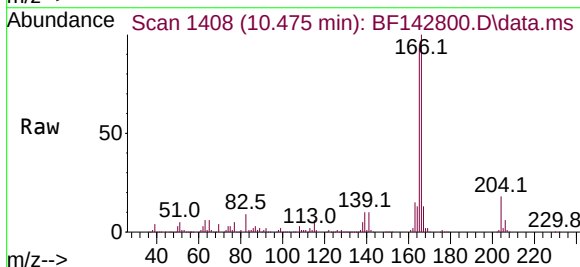
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

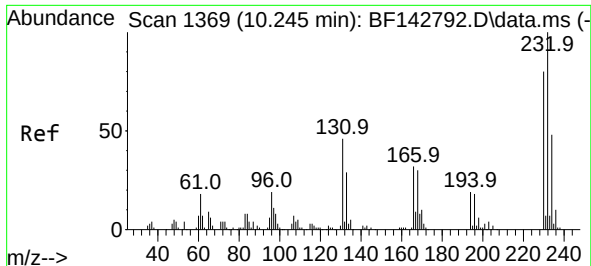
Tgt Ion:165 Resp: 153980
Ion Ratio Lower Upper
165 100
63 43.5 33.9 50.9
89 64.4 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 41.785 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:166 Resp: 507306
Ion Ratio Lower Upper
166 100
165 93.3 75.2 112.8
167 13.3 10.6 15.8



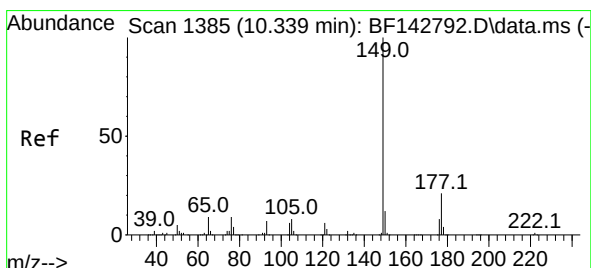
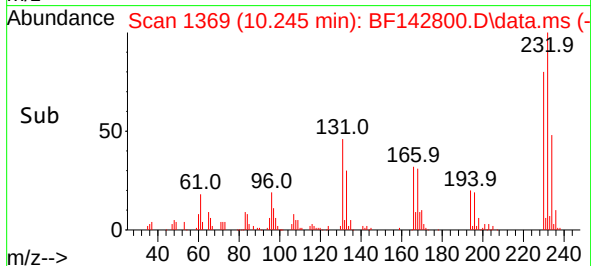
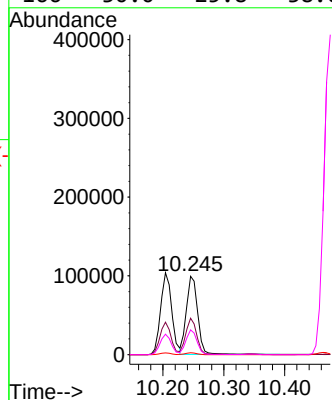
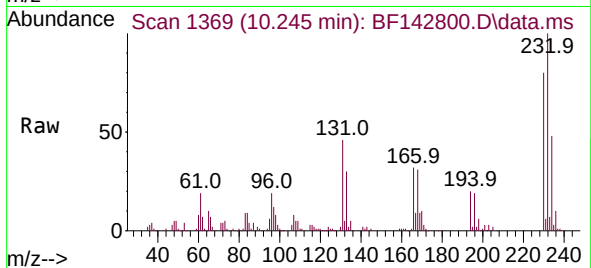


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.502 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 129224

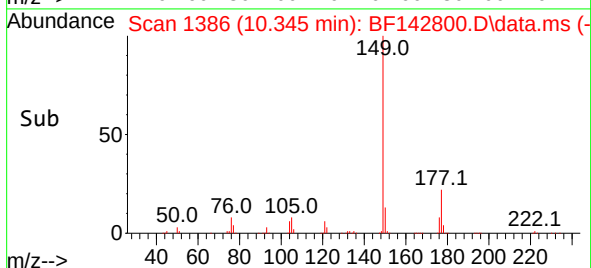
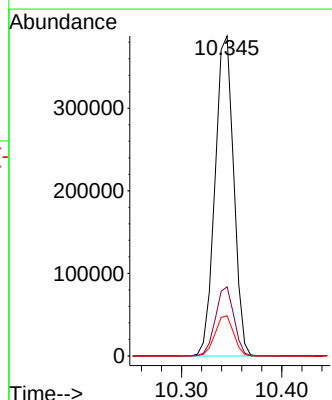
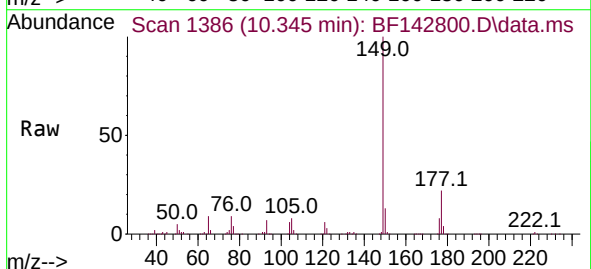
Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.6	56.4
130	2.3	1.7	2.5
166	30.0	25.8	38.6

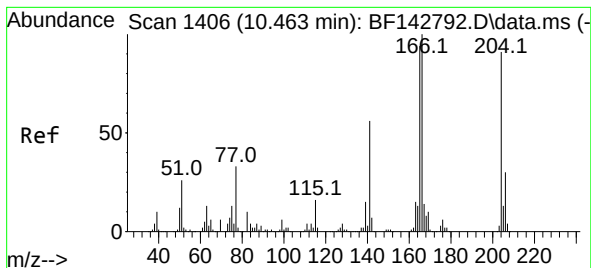


#60
Diethylphthalate
Concen: 43.362 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:149 Resp: 501084

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.5	9.8	14.6

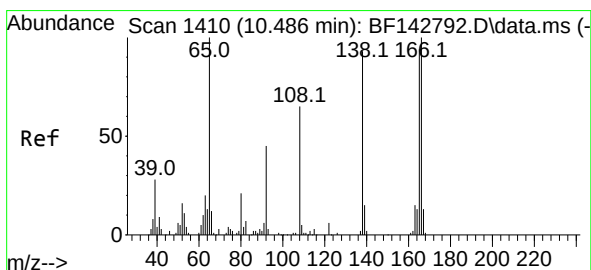
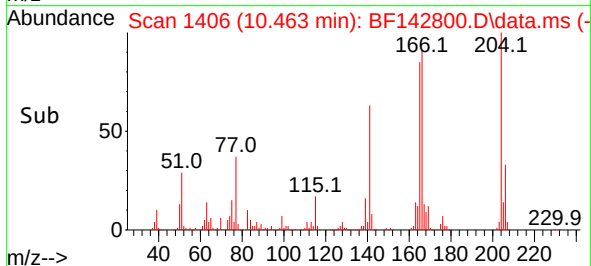
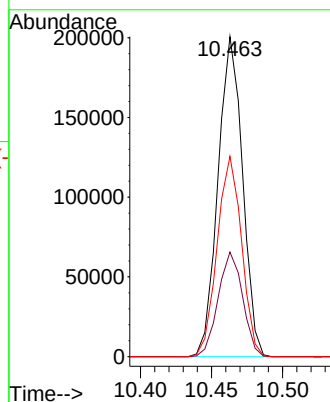
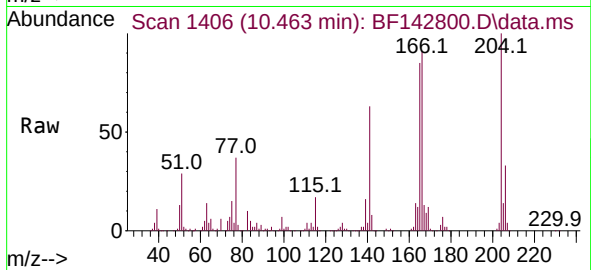




#61
4-Chlorophenyl-phenylether
Concen: 41.637 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

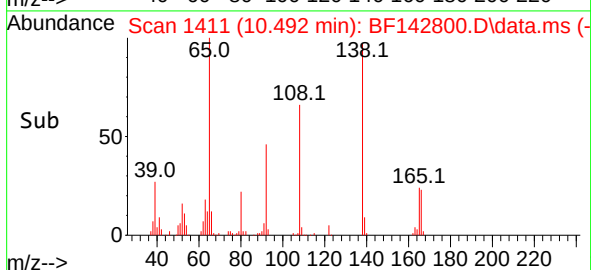
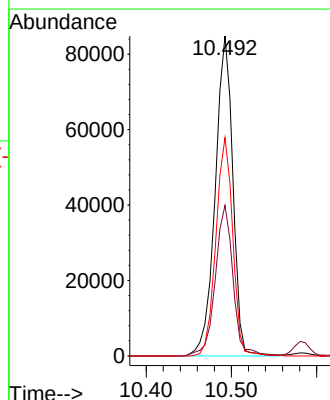
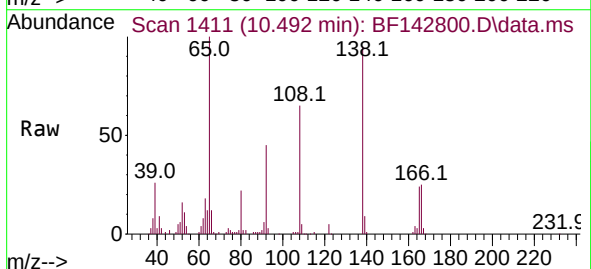
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

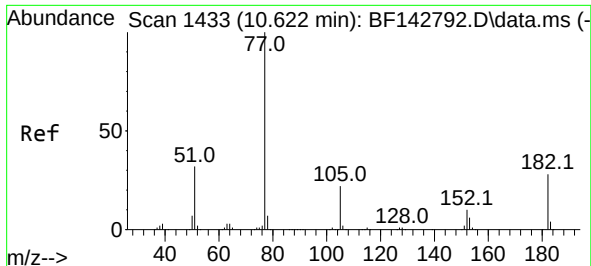
Tgt Ion:204 Resp: 241223
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 62.6 49.1 73.7



#62
4-Nitroaniline
Concen: 46.820 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:138 Resp: 122025
Ion Ratio Lower Upper
138 100
92 47.0 28.4 68.4
108 68.2 50.2 90.2

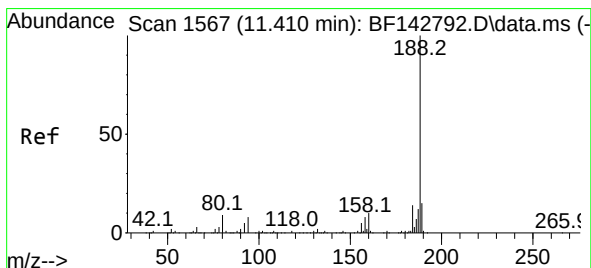
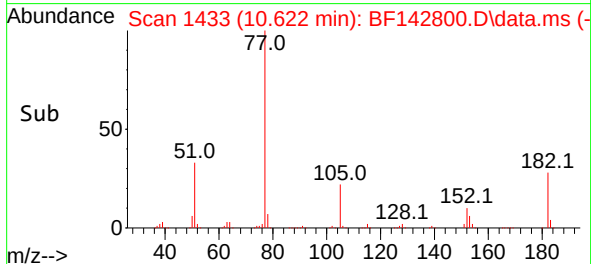
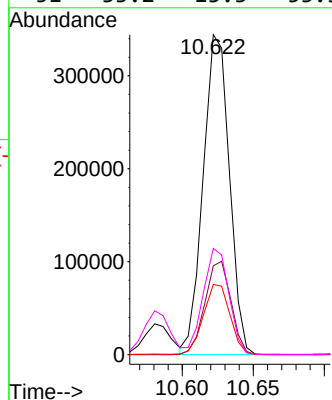
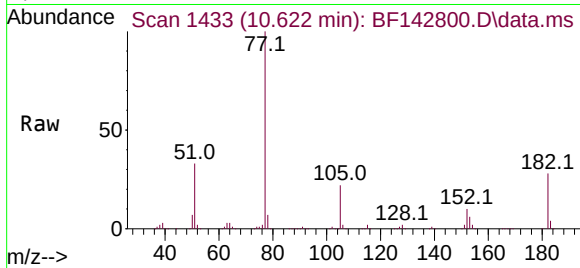




#63
Azobenzene
Concen: 42.741 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

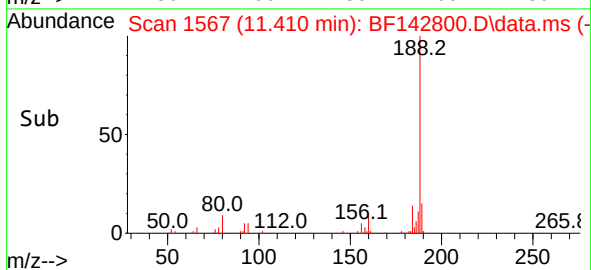
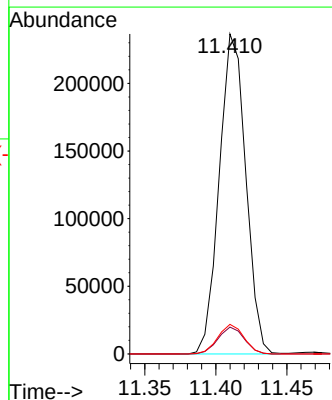
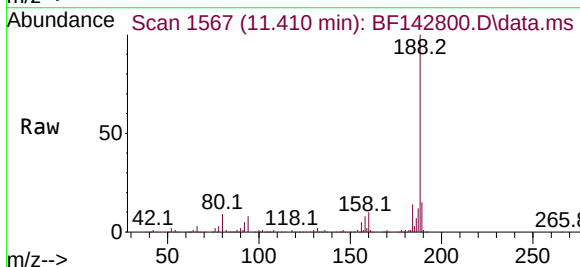
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

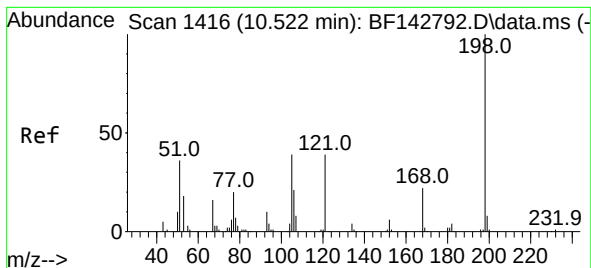
Tgt Ion: 77	Resp: 441435
Ion Ratio	Lower Upper
77 100	
182 27.7	7.7 47.7
105 21.9	1.9 41.9
51 33.2	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:188	Resp: 307325
Ion Ratio	Lower Upper
188 100	
94 8.4	6.7 10.1
80 9.2	6.9 10.3

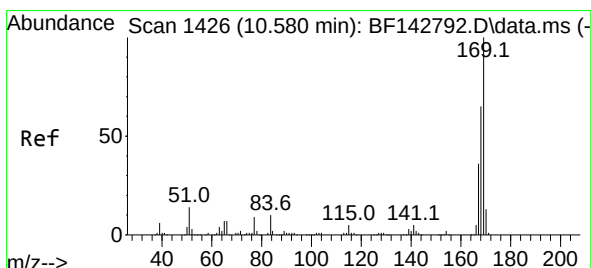
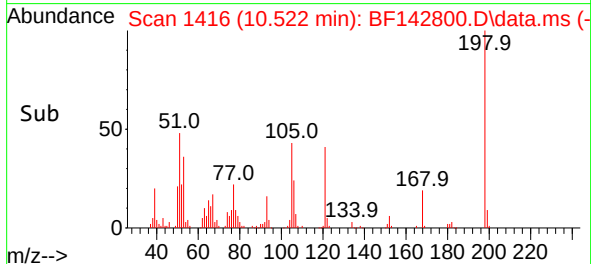
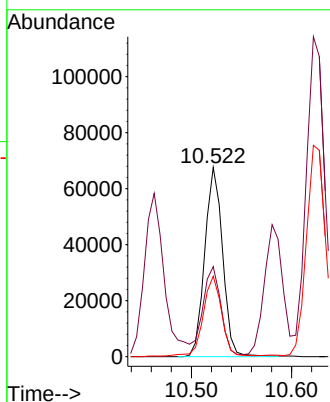
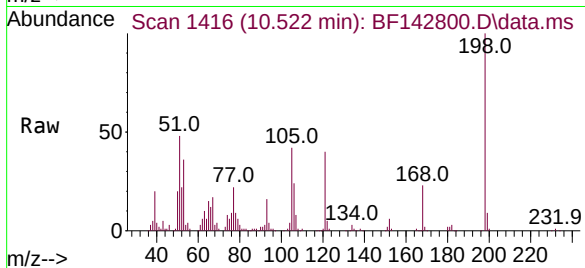




#65
4,6-Dinitro-2-methylphenol
Concen: 44.773 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

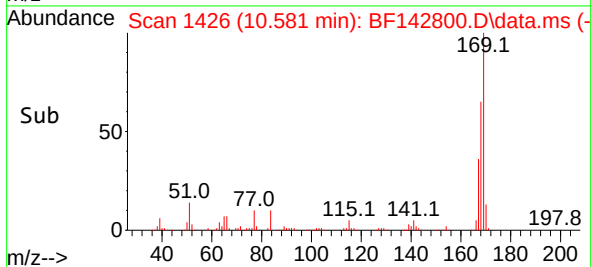
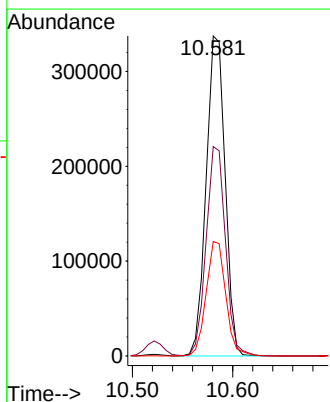
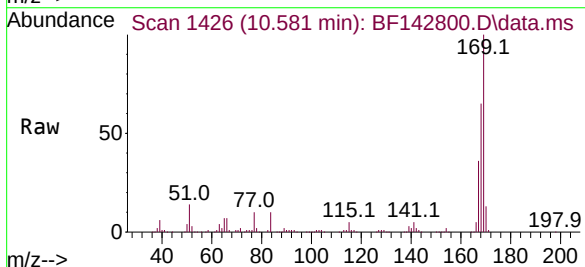
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

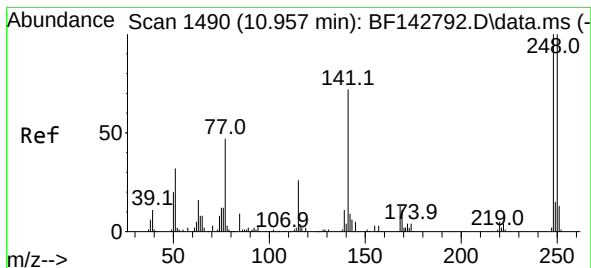
Tgt Ion:198 Resp: 83228
Ion Ratio Lower Upper
198 100
51 47.6 25.4 65.4
105 42.5 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 41.470 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:169 Resp: 441701
Ion Ratio Lower Upper
169 100
168 65.4 51.9 77.9
167 35.7 28.5 42.7

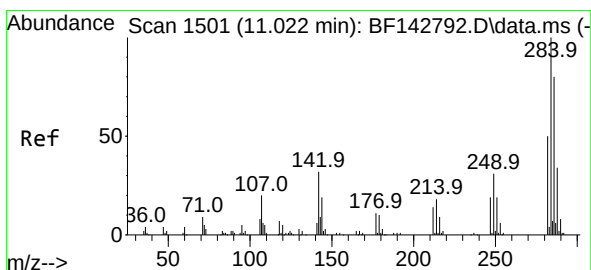
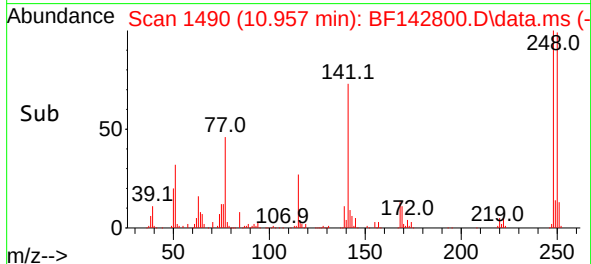
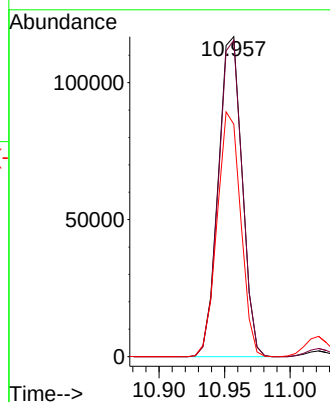
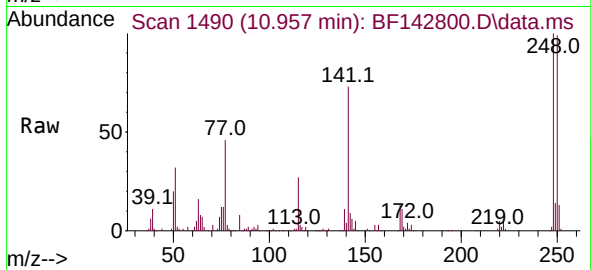




#67
4-Bromophenyl-phenylether
Concen: 42.396 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

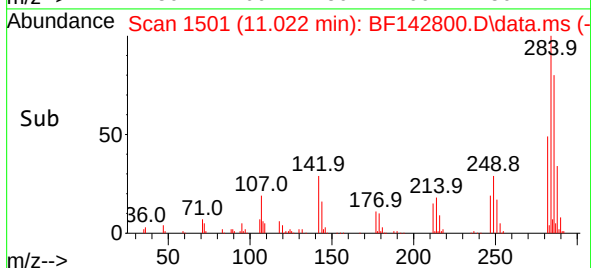
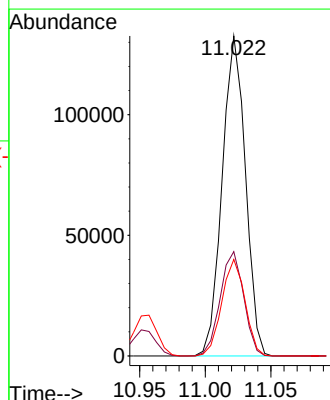
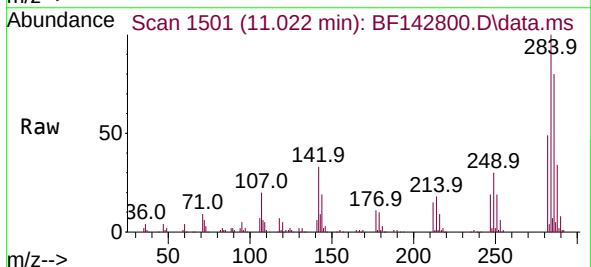
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

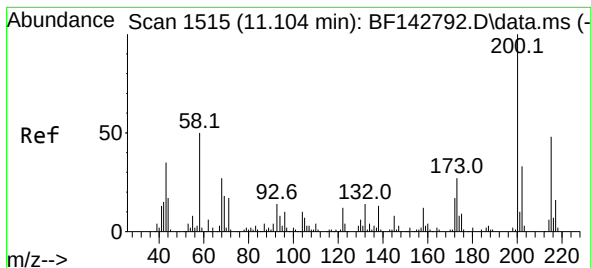
Tgt Ion:248 Resp: 148287
Ion Ratio Lower Upper
248 100
250 98.9 79.8 119.8
141 72.6 57.8 86.6



#68
Hexachlorobenzene
Concen: 42.132 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:284 Resp: 163746
Ion Ratio Lower Upper
284 100
142 32.6 25.5 38.3
249 30.1 24.9 37.3





#69

Atrazine

Concen: 46.084 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

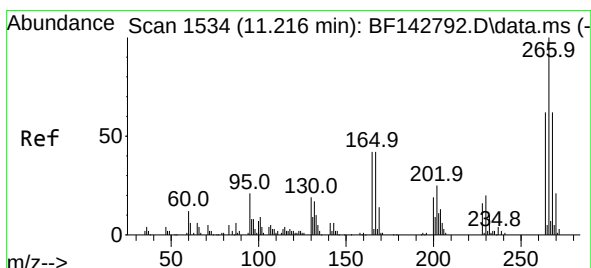
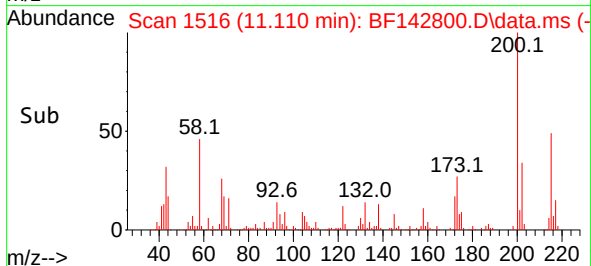
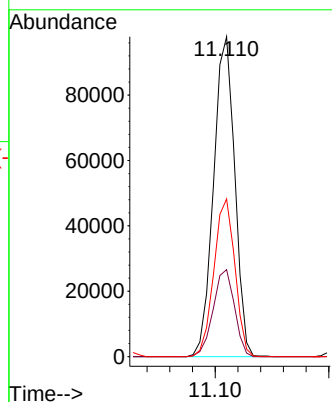
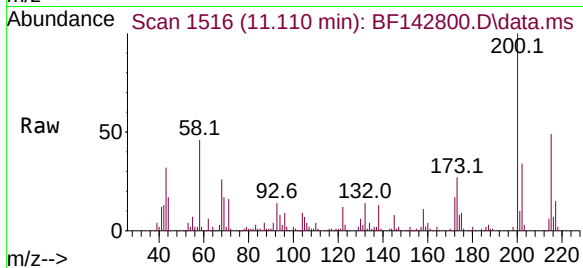
Tgt Ion:200 Resp: 126753

Ion Ratio Lower Upper

200 100

173 27.2 7.4 47.4

215 49.3 28.4 68.4



#70

Pentachlorophenol

Concen: 44.764 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

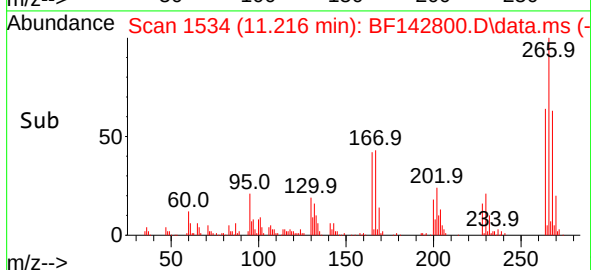
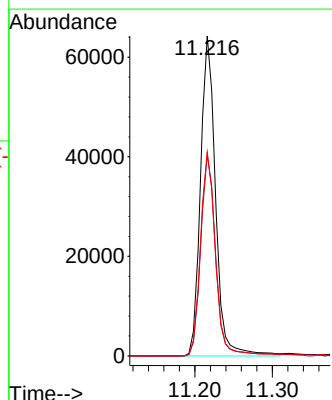
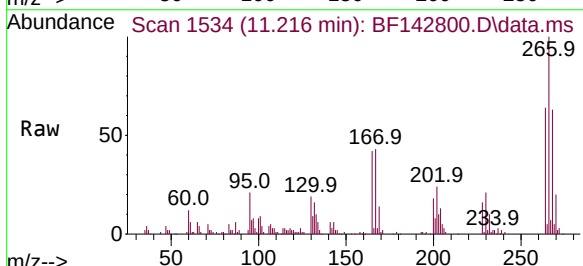
Tgt Ion:266 Resp: 86692

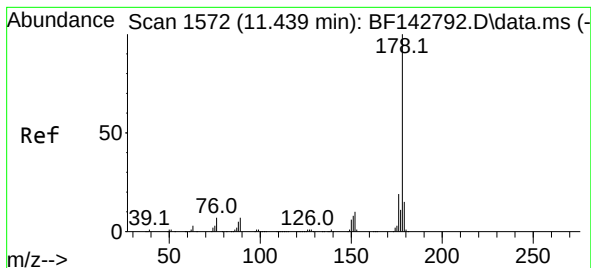
Ion Ratio Lower Upper

266 100

268 62.9 49.8 74.8

264 63.7 49.9 74.9





#71

Phenanthrene

Concen: 41.581 ng

RT: 11.439 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

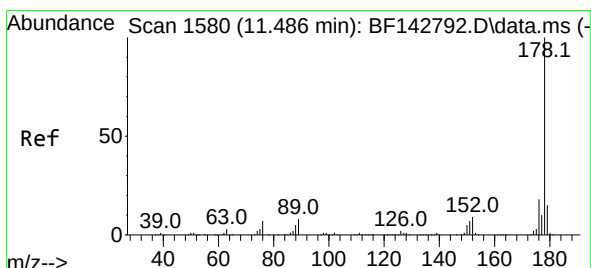
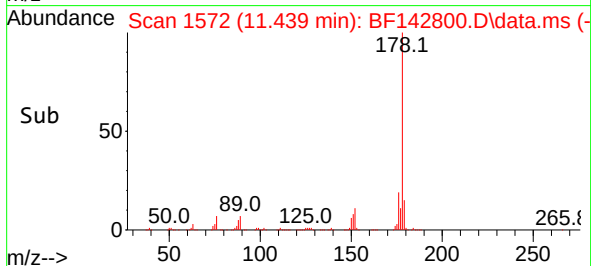
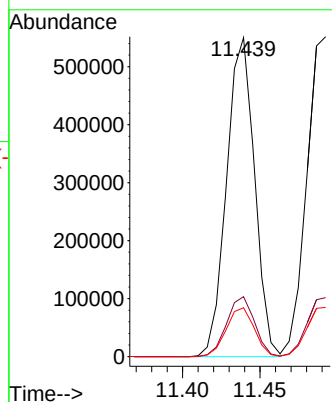
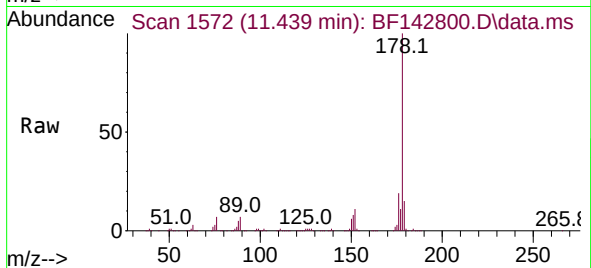
Tgt Ion:178 Resp: 692230

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.3 12.0 18.0



#72

Anthracene

Concen: 42.179 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.006 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

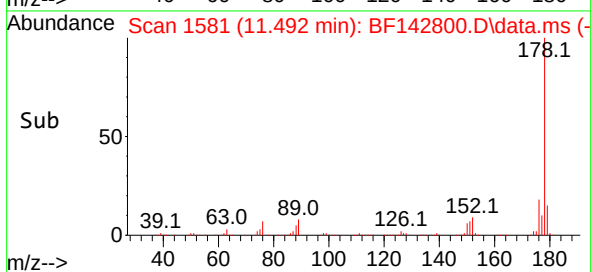
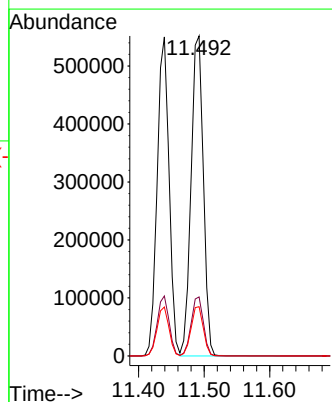
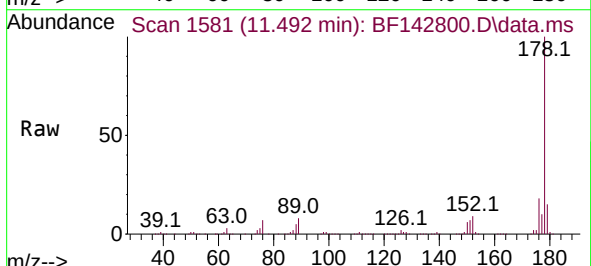
Tgt Ion:178 Resp: 720158

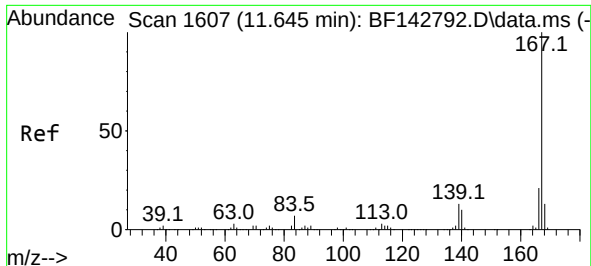
Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

179 15.4 12.4 18.6

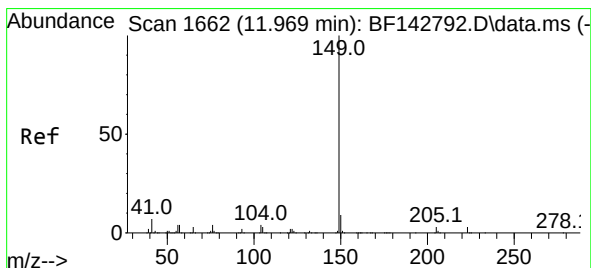
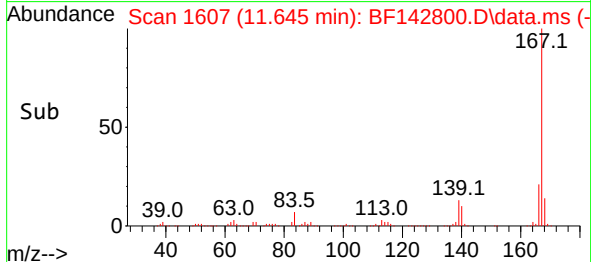
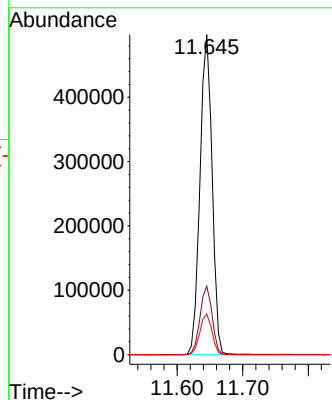
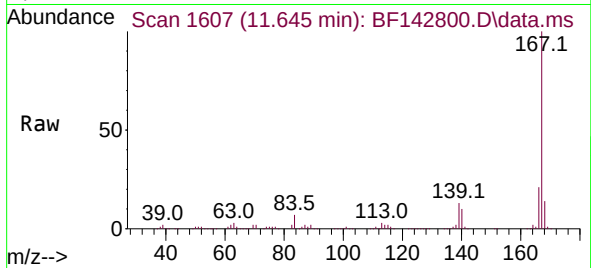




#73
 Carbazole
 Concen: 43.031 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF142800.D
 Acq: 23 Jun 2025 11:40

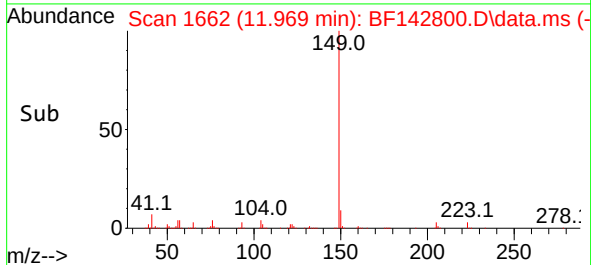
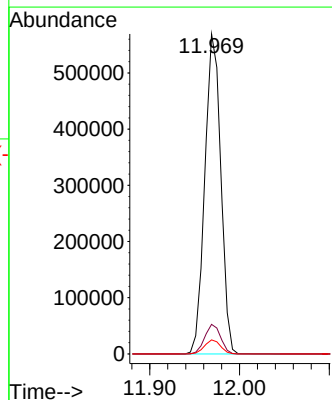
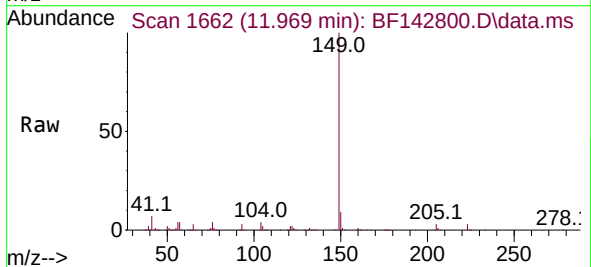
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

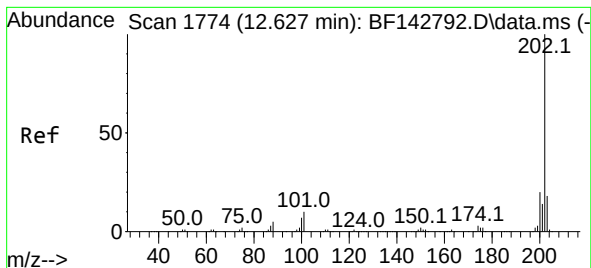
Tgt Ion:167 Resp: 634023
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 46.013 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142800.D
 Acq: 23 Jun 2025 11:40

Tgt Ion:149 Resp: 706255
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 43.306 ng

RT: 12.628 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

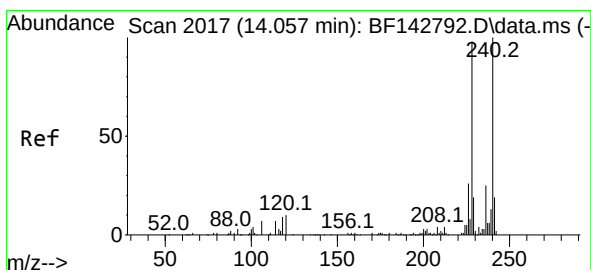
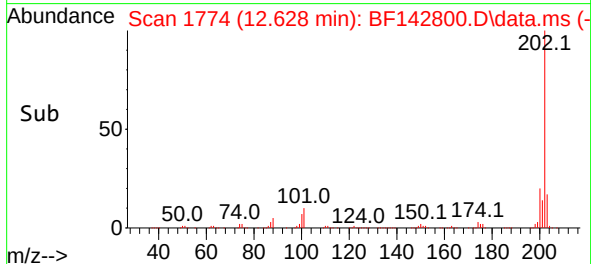
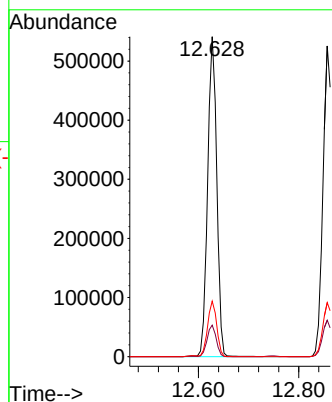
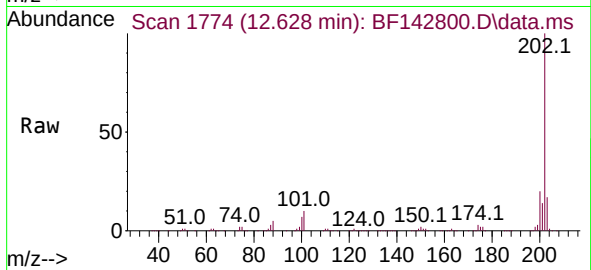
Tgt Ion:202 Resp: 684222

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.7

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

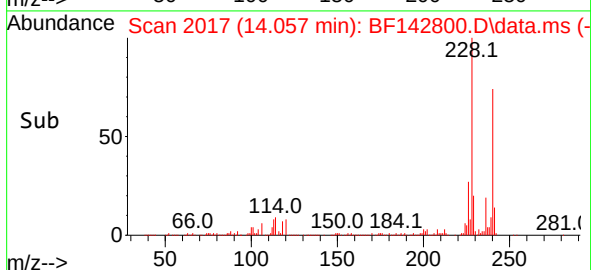
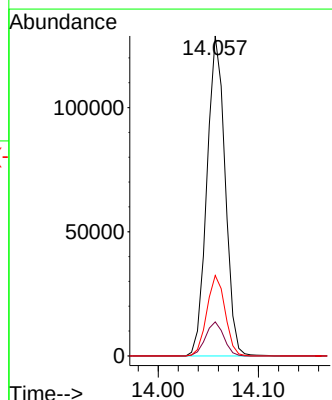
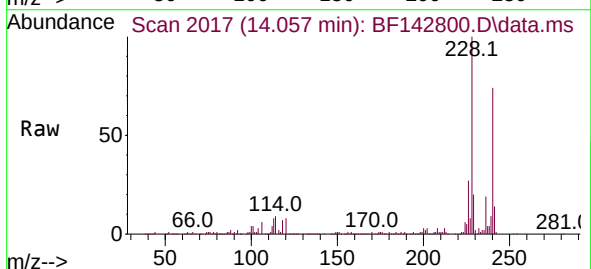
Tgt Ion:240 Resp: 161892

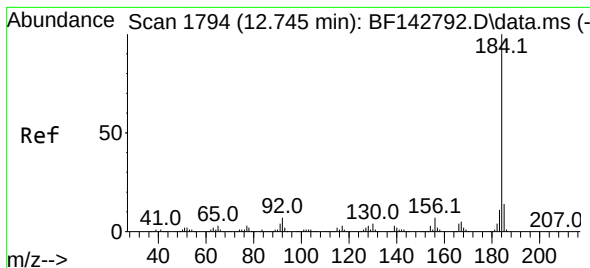
Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

236 25.1 19.8 29.8





#77

Benzidine

Concen: 45.676 ng

RT: 12.745 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

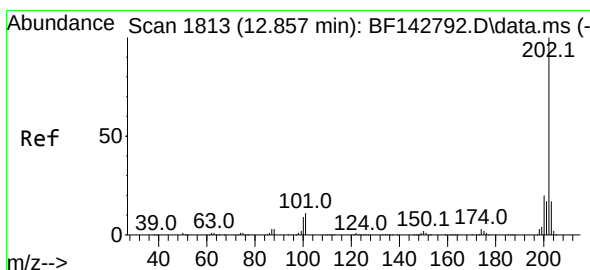
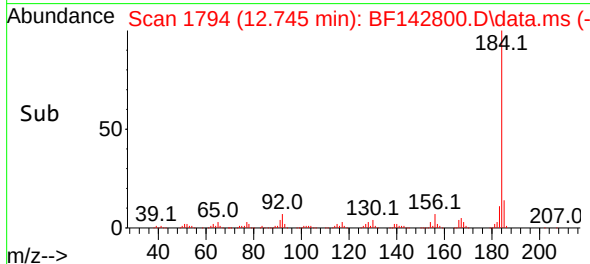
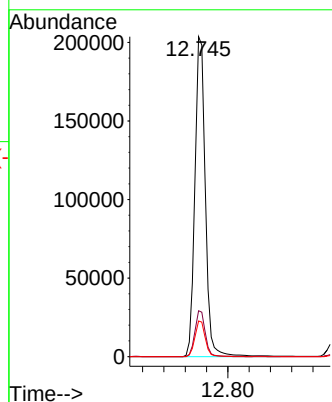
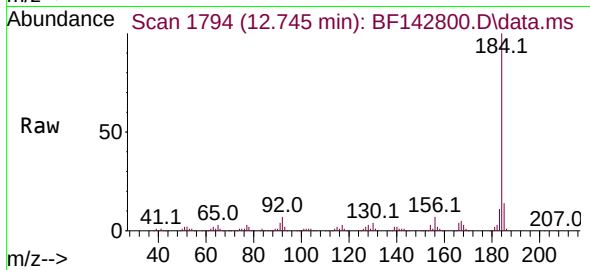
Tgt Ion:184 Resp: 277823

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 44.961 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

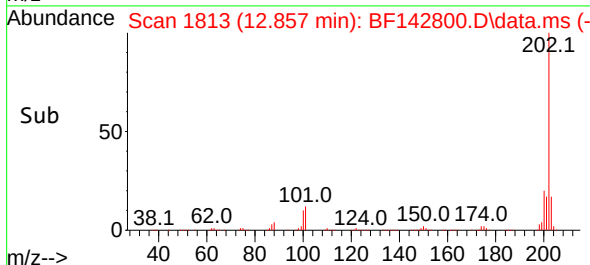
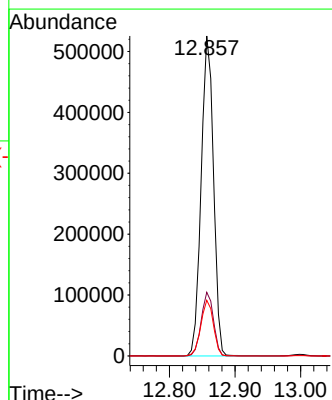
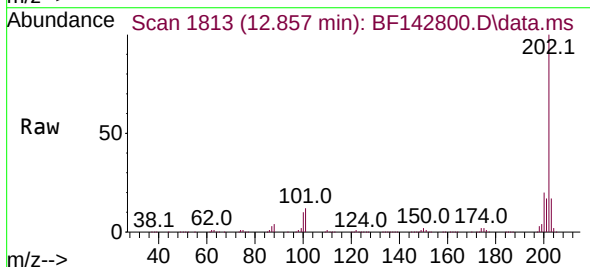
Tgt Ion:202 Resp: 682269

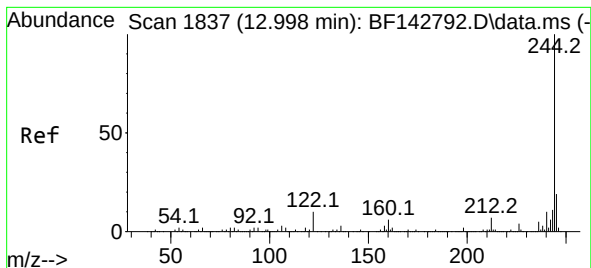
Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 87.947 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

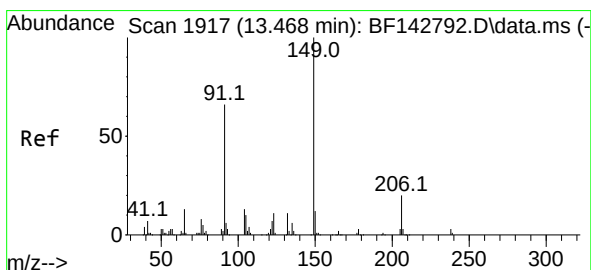
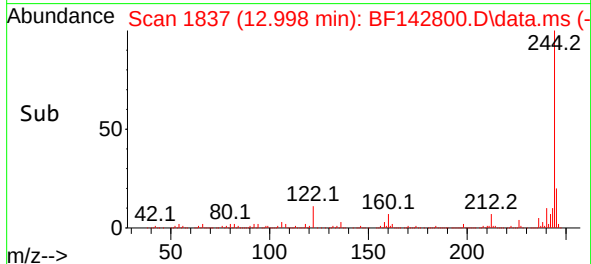
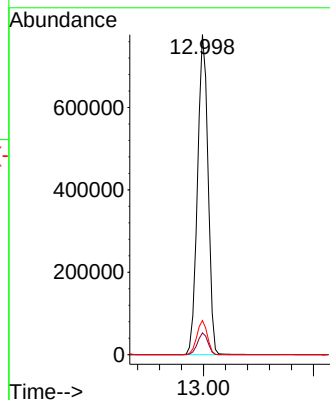
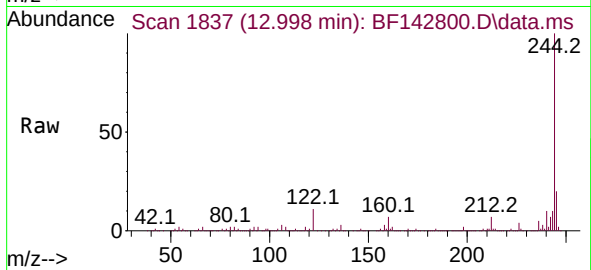
Tgt Ion:244 Resp: 1030468

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 10.6 8.2 12.2



#80

Butylbenzylphthalate

Concen: 45.331 ng

RT: 13.475 min Scan# 1918

Delta R.T. 0.006 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

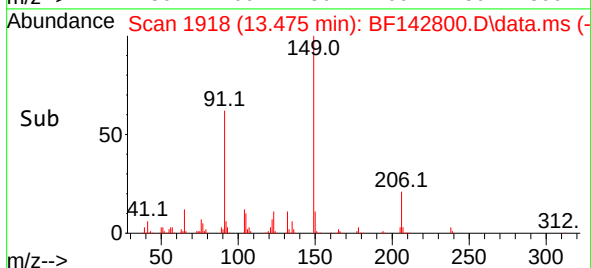
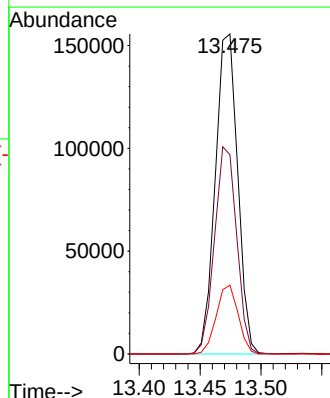
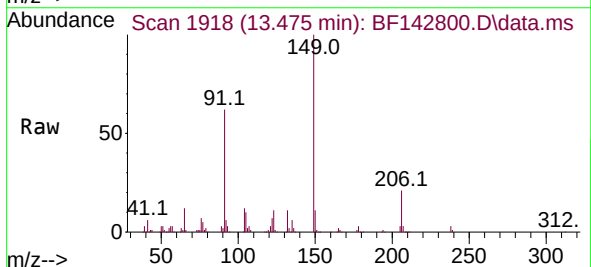
Tgt Ion:149 Resp: 199538

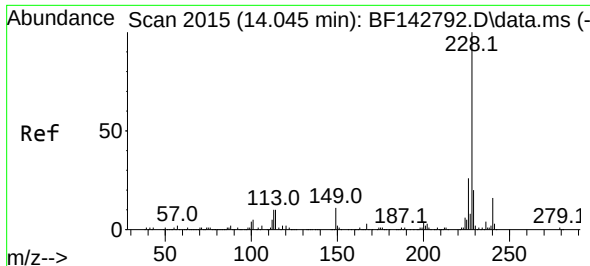
Ion Ratio Lower Upper

149 100

91 62.2 52.9 79.3

206 21.5 16.3 24.5

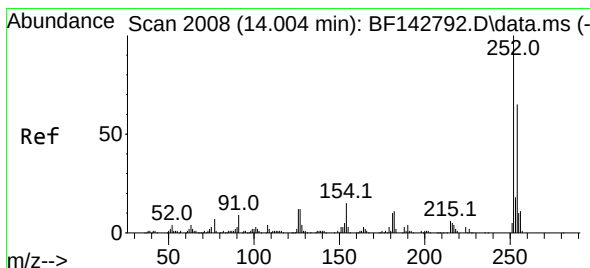
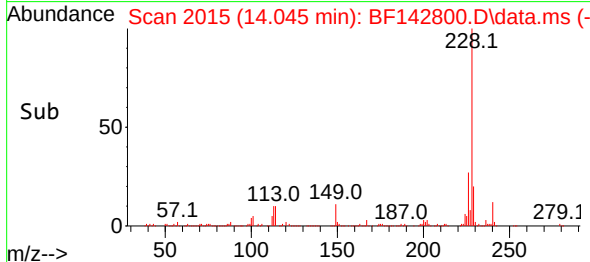
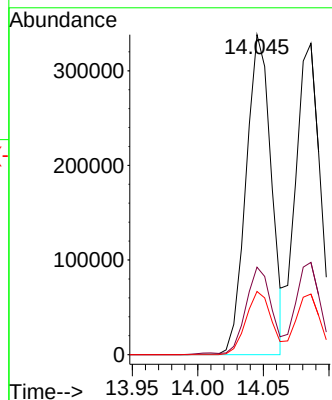
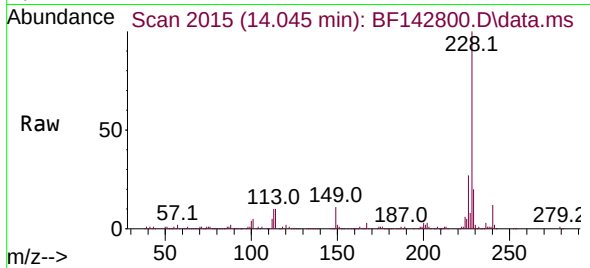




#81
Benzo(a)anthracene
Concen: 41.406 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

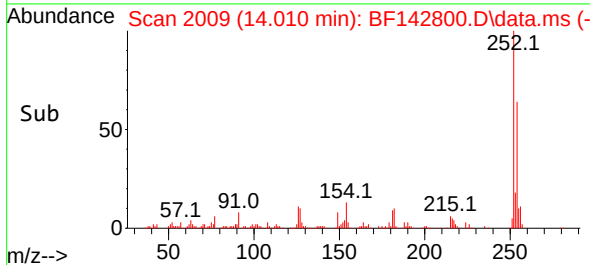
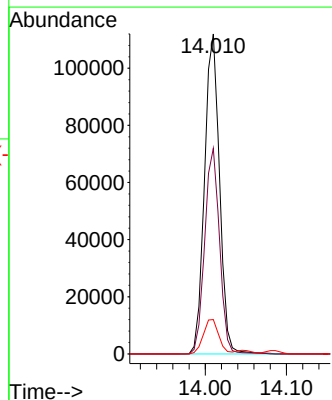
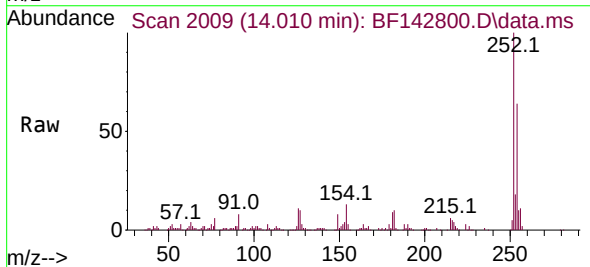
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

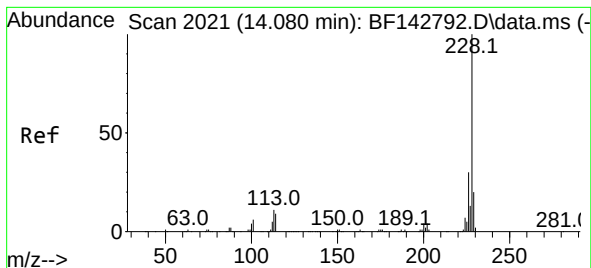
Tgt Ion:228 Resp: 452209
Ion Ratio Lower Upper
228 100
226 27.3 21.2 31.8
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 40.653 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:252 Resp: 144009
Ion Ratio Lower Upper
252 100
254 64.2 51.7 77.5
126 10.7 9.4 14.2





#83

Chrysene

Concen: 44.059 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

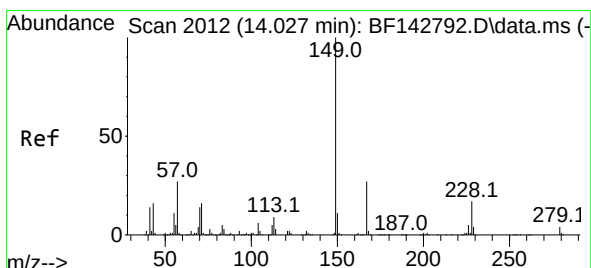
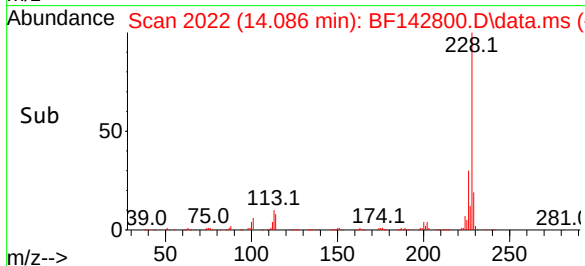
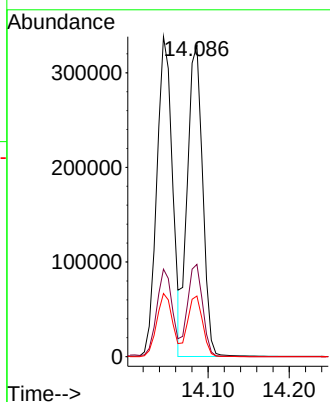
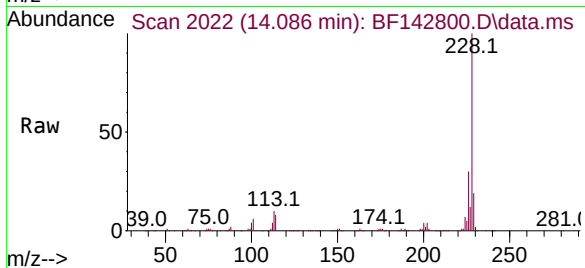
Tgt Ion:228 Resp: 429370

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.897 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

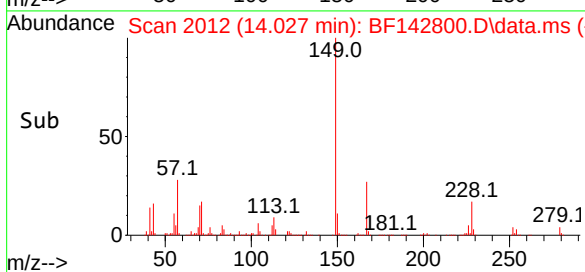
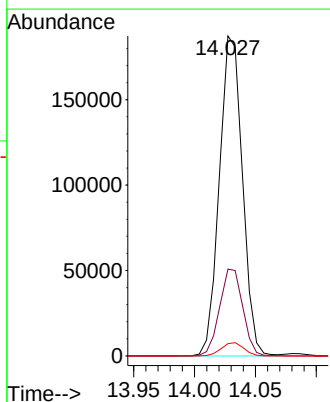
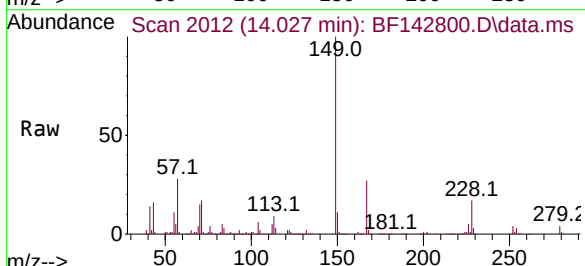
Tgt Ion:149 Resp: 246346

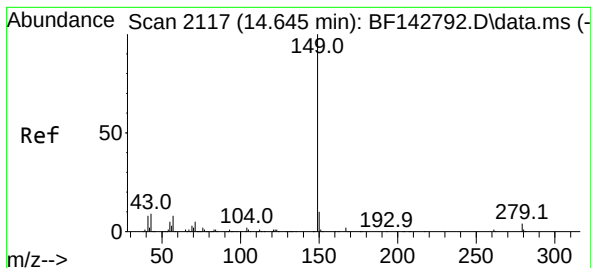
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 36.071 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

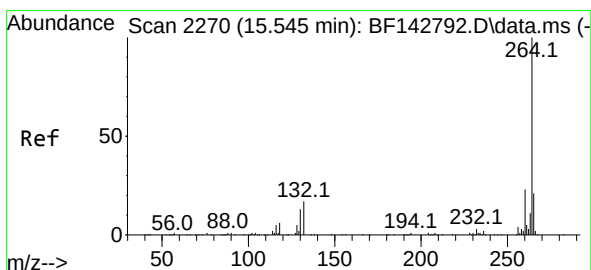
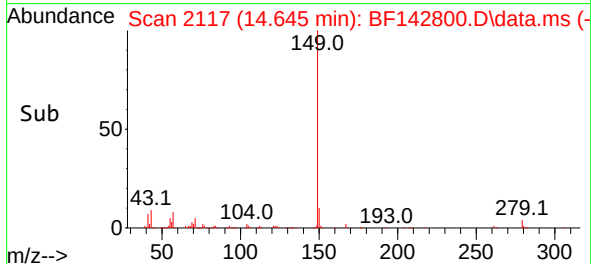
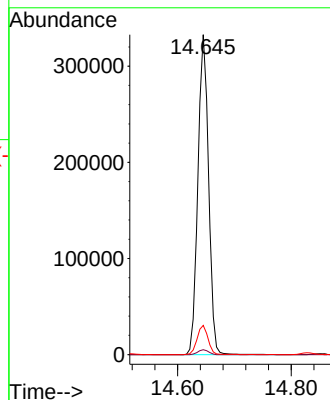
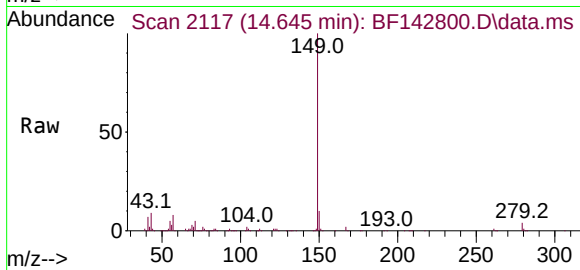
Tgt Ion:149 Resp: 430758

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.3 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: BF142800.D

Acq: 23 Jun 2025 11:40

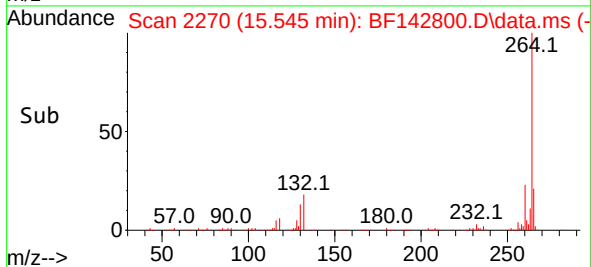
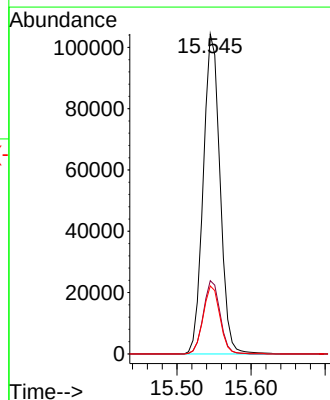
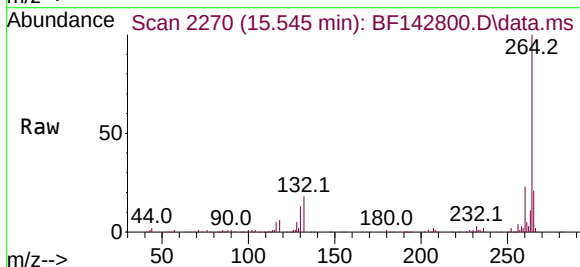
Tgt Ion:264 Resp: 164033

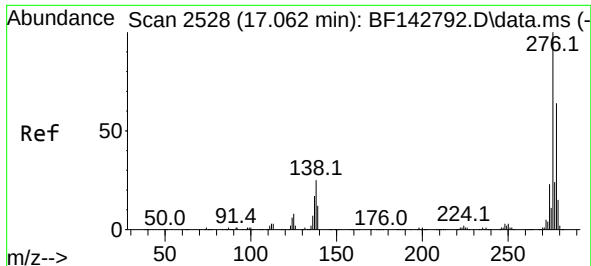
Ion Ratio Lower Upper

264 100

260 22.9 18.1 27.1

265 21.2 16.6 25.0

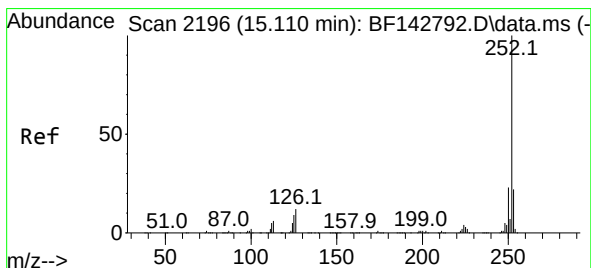
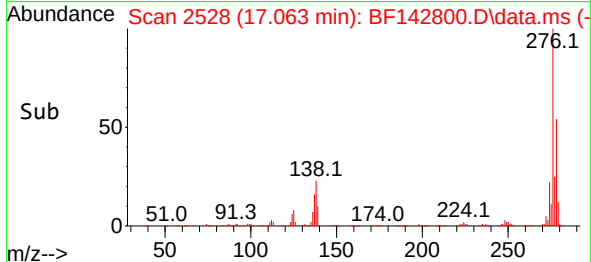
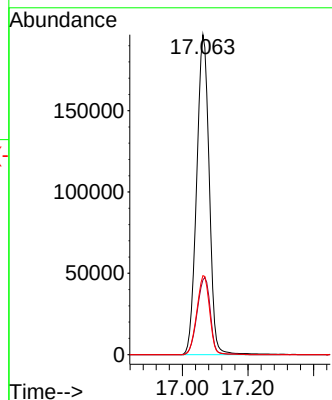
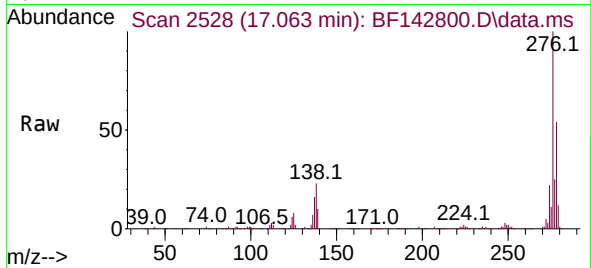




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.585 ng
 RT: 17.063 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF142800.D
 Acq: 23 Jun 2025 11:40

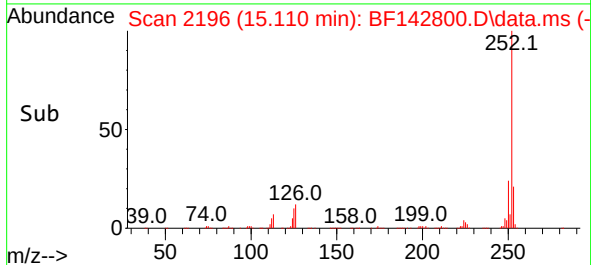
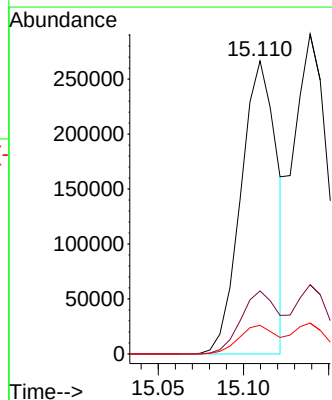
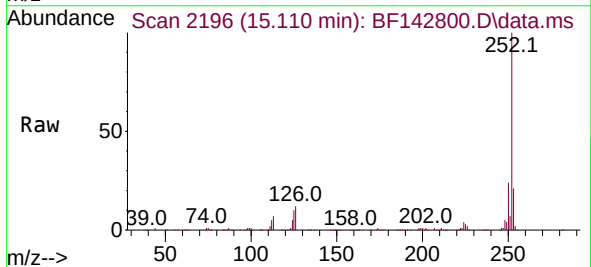
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

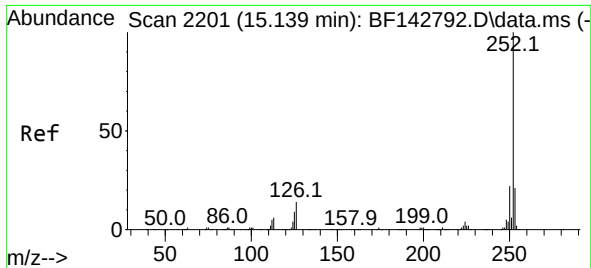
Tgt Ion:276 Resp: 519568
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.2 30.4
 277 25.1 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 41.047 ng
 RT: 15.110 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF142800.D
 Acq: 23 Jun 2025 11:40

Tgt Ion:252 Resp: 389603
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.5 26.3
 125 9.7 7.4 11.0

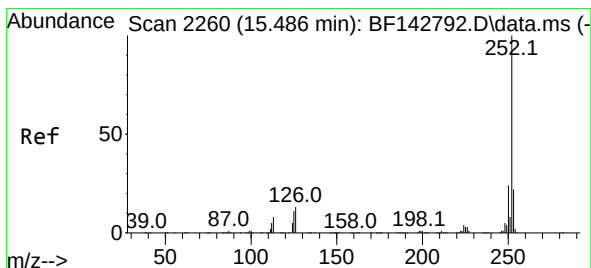
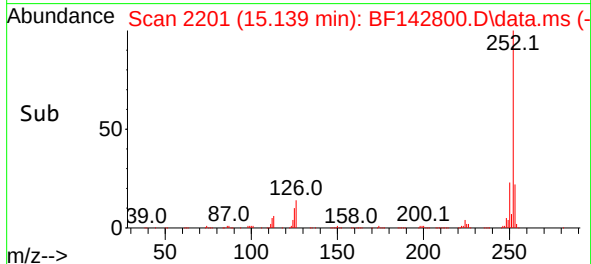
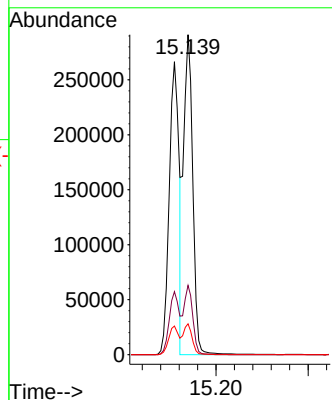
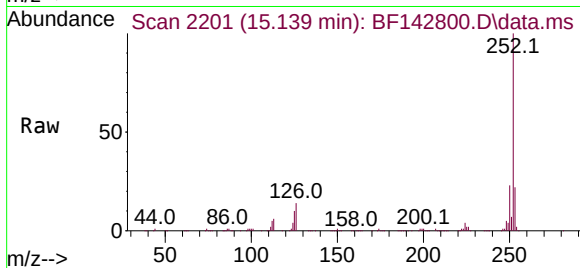




#89
Benzo(k)fluoranthene
Concen: 46.188 ng
RT: 15.139 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

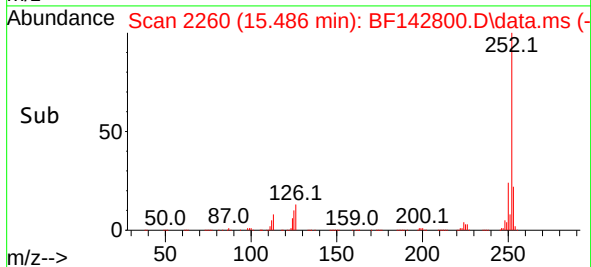
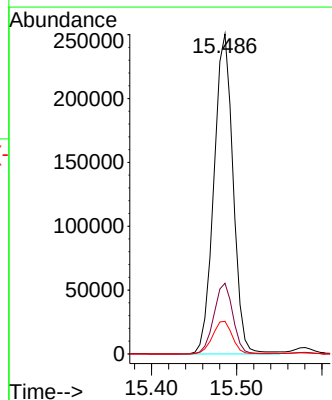
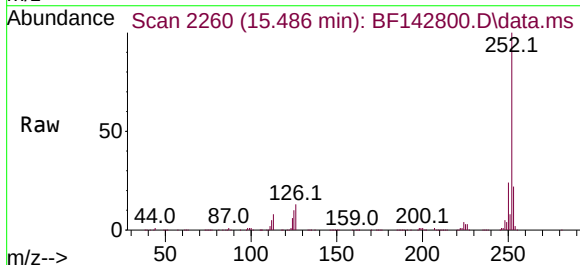
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

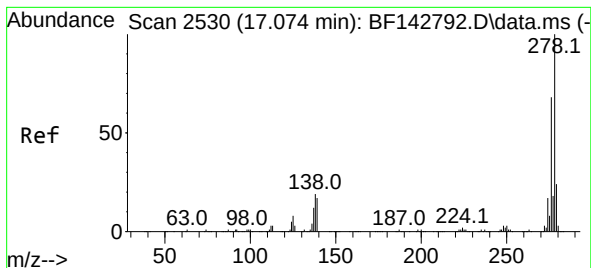
Tgt Ion:252 Resp: 410162
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 42.711 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF142800.D
Acq: 23 Jun 2025 11:40

Tgt Ion:252 Resp: 391645
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.2 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 41.104 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

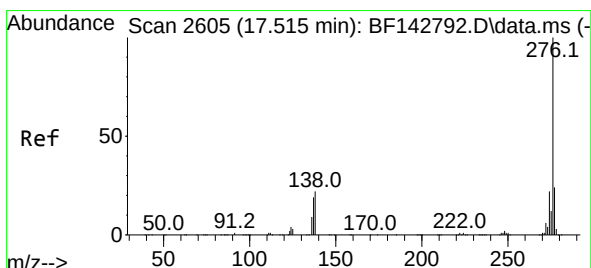
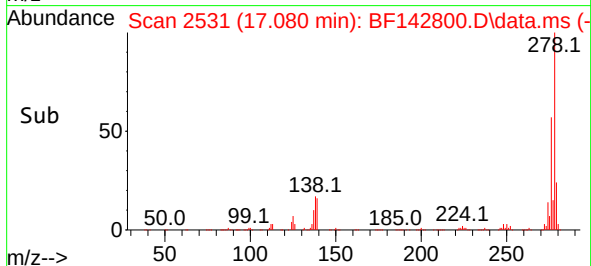
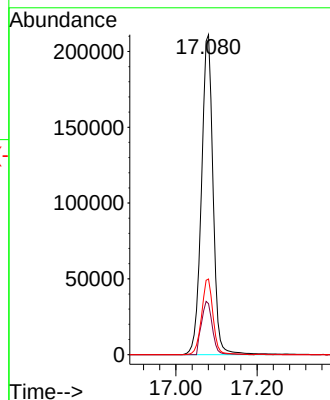
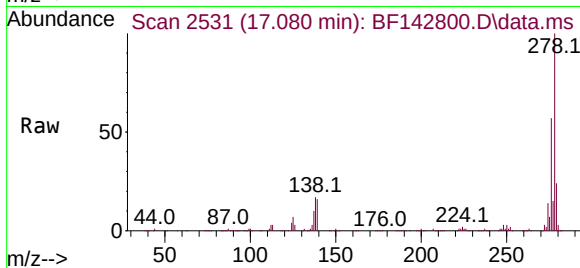
Tgt Ion:278 Resp: 417280

Ion Ratio Lower Upper

278 100

139 15.9 13.5 20.3

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 41.065 ng

RT: 17.515 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF142800.D

Acq: 23 Jun 2025 11:40

Tgt Ion:276 Resp: 415699

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 22.0 17.6 26.4

