

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142772.D
 Acq On : 18 Jun 2025 11:48
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 18 12:45:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	81687	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	316375	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	173519	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	303610	20.000	ng	0.00
76) Chrysene-d12	14.063	240	189006	20.000	ng	0.00
86) Perylene-d12	15.551	264	179702	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	382415	79.732	ng	0.00
7) Phenol-d6	6.516	99	452395	80.148	ng	0.00
23) Nitrobenzene-d5	7.451	82	450060	77.853	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	143312	75.358	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	964409	73.840	ng	-0.01
79) Terphenyl-d14	13.004	244	951931	69.173	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	76274	40.184	ng	99
3) Pyridine	3.416	79	192168	40.377	ng	96
4) n-Nitrosodimethylamine	3.369	42	102617	42.141	ng	97
6) Aniline	6.545	93	306632	40.588	ng	96
8) 2-Chlorophenol	6.669	128	205253	39.160	ng	99
9) Benzaldehyde	6.434	77	126759	36.264	ng	99
10) Phenol	6.528	94	254999	40.643	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	181549	38.740	ng	99
12) 1,3-Dichlorobenzene	6.828	146	231109	38.636	ng	99
13) 1,4-Dichlorobenzene	6.904	146	232660	38.487	ng	99
14) 1,2-Dichlorobenzene	7.057	146	221491	38.223	ng	100
15) Benzyl Alcohol	7.028	79	168902	39.590	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	295336	40.028	ng	99
17) 2-Methylphenol	7.139	107	159701	39.745	ng	99
18) Hexachloroethane	7.398	117	81631	37.680	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	136356	37.946	ng	98
20) 3+4-Methylphenols	7.292	107	202189	39.913	ng	96
22) Acetophenone	7.292	105	269700	38.323	ng	95
24) Nitrobenzene	7.469	77	203393	39.642	ng	97
25) Isophorone	7.710	82	369909	37.792	ng	99
26) 2-Nitrophenol	7.786	139	107875	37.674	ng	99
27) 2,4-Dimethylphenol	7.822	122	189290	38.828	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	229379	37.746	ng	100
29) 2,4-Dichlorophenol	8.028	162	173836	38.638	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	187650	37.745	ng	99
31) Naphthalene	8.192	128	604648	38.644	ng	100
32) Benzoic acid	7.934	122	102285	37.255	ng	99
33) 4-Chloroaniline	8.239	127	245609	39.095	ng	98
34) Hexachlorobutadiene	8.304	225	116472	36.764	ng	99
35) Caprolactam	8.610	113	50481	41.567	ng	92
36) 4-Chloro-3-methylphenol	8.722	107	178949	38.252	ng	99
37) 2-Methylnaphthalene	8.881	142	377771	38.145	ng	99
38) 1-Methylnaphthalene	8.981	142	388402	37.858	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	189349	37.703	ng	99
41) Hexachlorocyclopentadiene	9.033	237	112347	34.854	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	122904	37.806	ng	98

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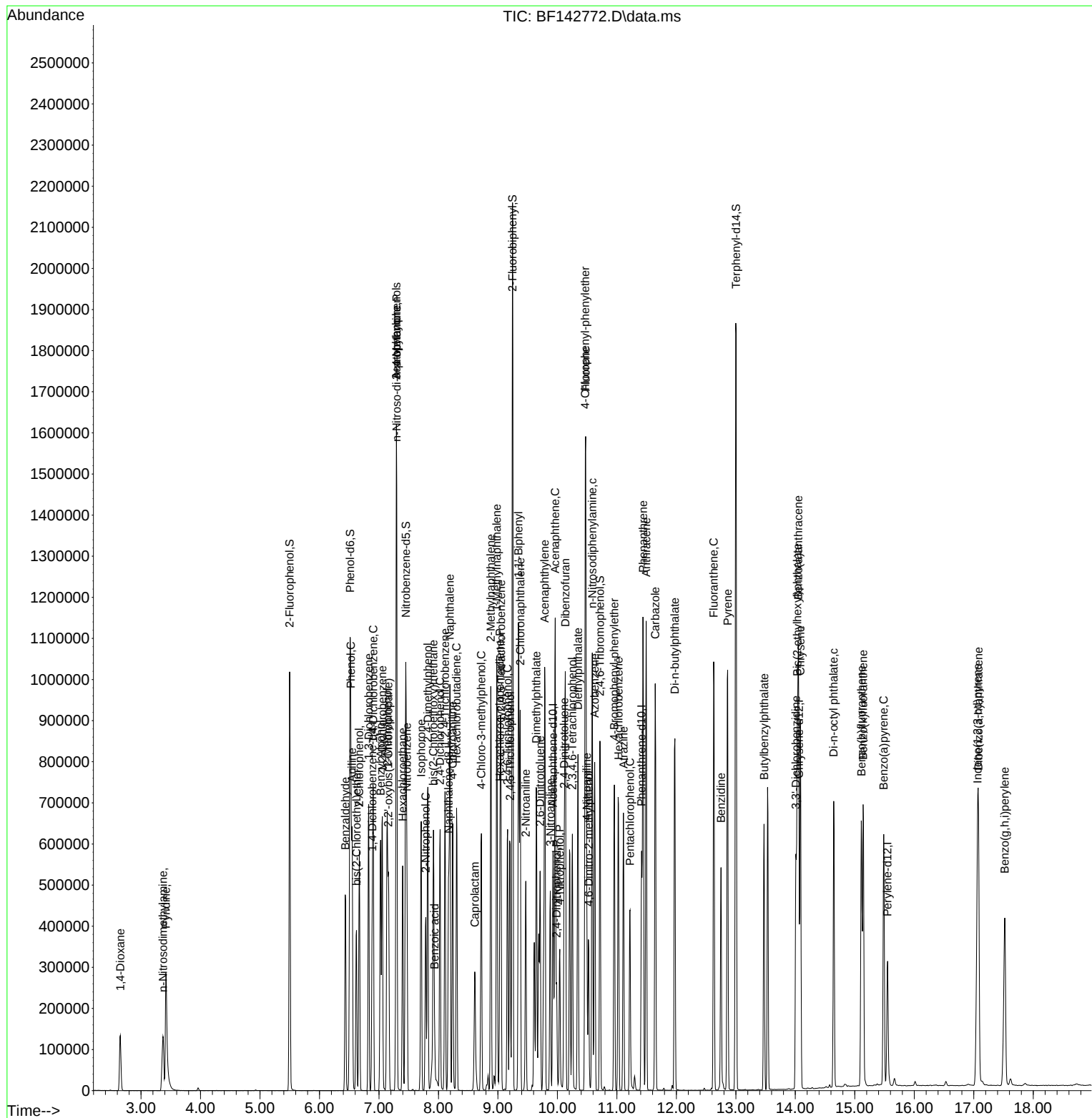
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	133777	38.099	ng	99
46) 1,1'-Biphenyl	9.345	154	513826	38.135	ng	99
47) 2-Chloronaphthalene	9.375	162	378733	38.153	ng	99
48) 2-Nitroaniline	9.469	65	112388	39.807	ng	99
49) Acenaphthylene	9.786	152	643197	38.428	ng	100
50) Dimethylphthalate	9.645	163	441729	38.122	ng	100
51) 2,6-Dinitrotoluene	9.710	165	96052	38.355	ng	94
52) Acenaphthene	9.963	154	394938	38.057	ng	99
53) 3-Nitroaniline	9.880	138	107851	39.705	ng	99
54) 2,4-Dinitrophenol	9.986	184	50790	37.024	ng	92
55) Dibenzofuran	10.133	168	564917	38.228	ng	99
56) 4-Nitrophenol	10.039	139	78789	42.767	ng	99
57) 2,4-Dinitrotoluene	10.116	165	130019	39.267	ng	98
58) Fluorene	10.475	166	443483	38.003	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	111545	37.761	ng	100
60) Diethylphthalate	10.345	149	433566	37.735	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	209215	36.710	ng	99
62) 4-Nitroaniline	10.492	138	107060	44.056	ng	98
63) Azobenzene	10.627	77	381154	37.984	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	71742	37.734	ng	99
66) n-Nitrosodiphenylamine	10.586	169	383267	36.725	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	128466	35.847	ng	98
68) Hexachlorobenzene	11.027	284	143611	36.101	ng	97
69) Atrazine	11.110	200	115638	41.561	ng	99
70) Pentachlorophenol	11.222	266	79210	37.985	ng	99
71) Phenanthrene	11.439	178	618197	38.007	ng	100
72) Anthracene	11.492	178	633056	37.623	ng	99
73) Carbazole	11.645	167	570091	40.471	ng	100
74) Di-n-butylphthalate	11.974	149	638393	40.587	ng	100
75) Fluoranthene	12.627	202	625532	40.444	ng	99
77) Benzidine	12.751	184	296841	44.099	ng	99
78) Pyrene	12.863	202	629275	35.827	ng	99
80) Butylbenzylphthalate	13.474	149	216258	41.636	ng	98
81) Benzo(a)anthracene	14.051	228	485853	38.791	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	161079	39.882	ng	98
83) Chrysene	14.086	228	434022	37.533	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	288727	37.041	ng	98
85) Di-n-octyl phthalate	14.645	149	482742	32.280	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	471417	35.400	ng	99
88) Benzo(b)fluoranthene	15.110	252	432974	40.919	ng	99
89) Benzo(k)fluoranthene	15.139	252	377376	36.758	ng	99
90) Benzo(a)pyrene	15.486	252	388443	38.611	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	386372	35.533	ng	100
92) Benzo(g,h,i)perylene	17.521	276	376166	34.789	ng	99

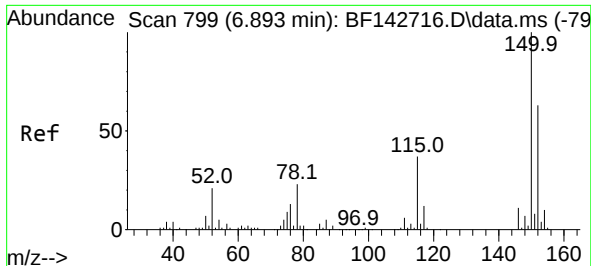
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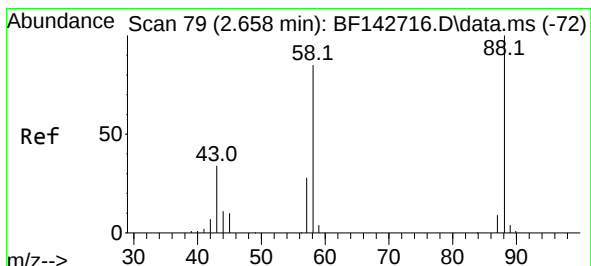
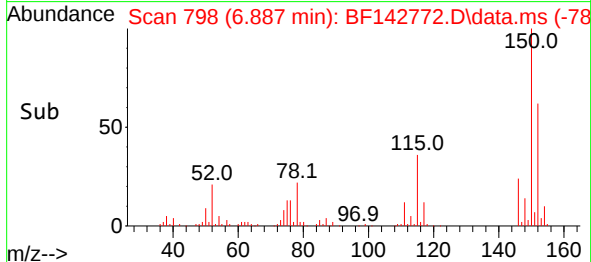
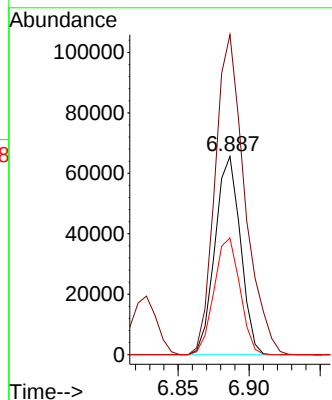
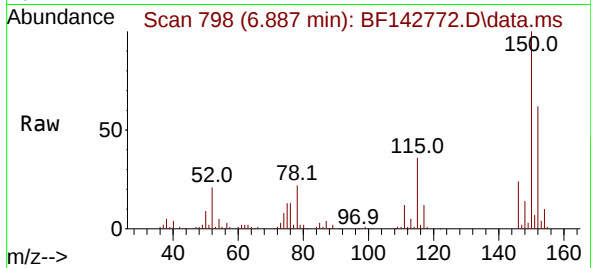




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142772.D
 Acq: 18 Jun 2025 11:48

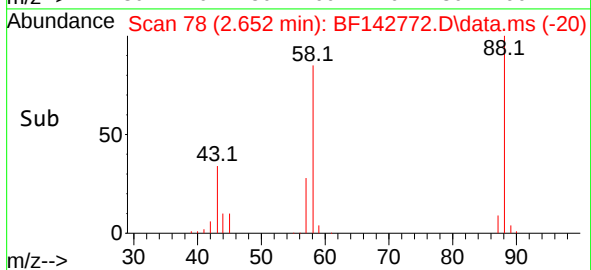
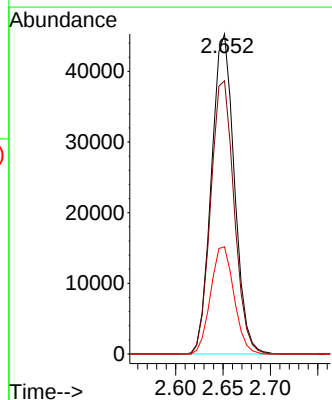
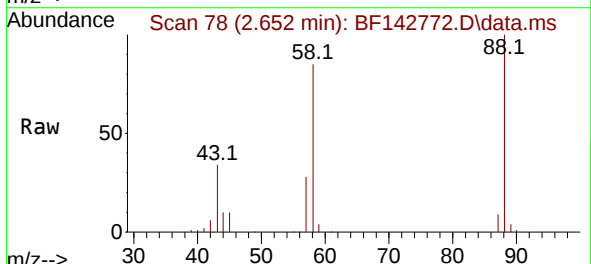
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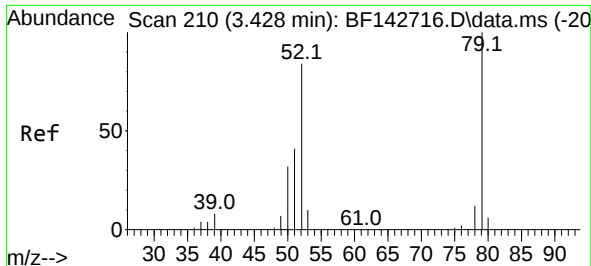
Tgt Ion:152 Resp: 81687
 Ion Ratio Lower Upper
 152 100
 150 161.4 126.9 190.3
 115 58.9 47.0 70.6



#2
 1,4-Dioxane
 Concen: 40.184 ng
 RT: 2.652 min Scan# 78
 Delta R.T. -0.006 min
 Lab File: BF142772.D
 Acq: 18 Jun 2025 11:48

Tgt Ion: 88 Resp: 76274
 Ion Ratio Lower Upper
 88 100
 58 86.9 68.4 102.6
 43 34.1 27.0 40.6

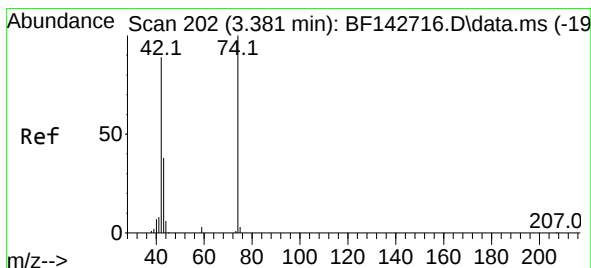
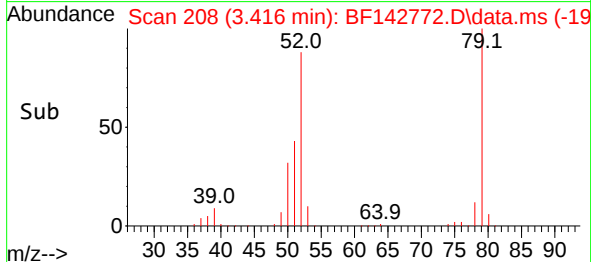
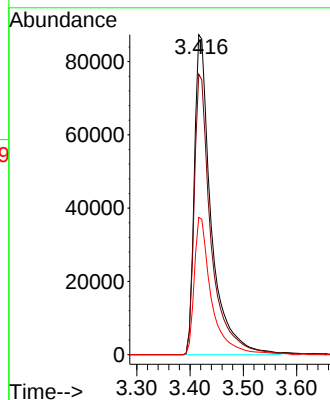
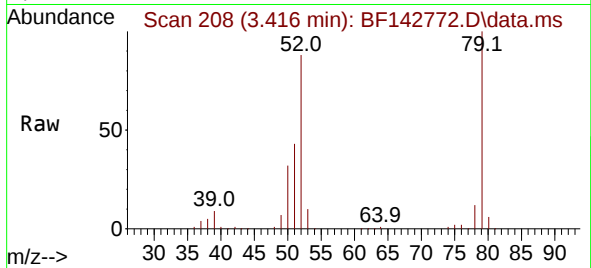




#3
Pyridine
Concen: 40.377 ng
RT: 3.416 min Scan# 208
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

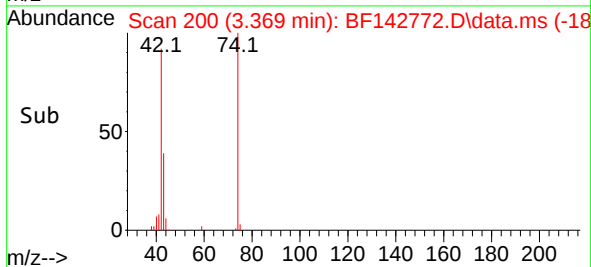
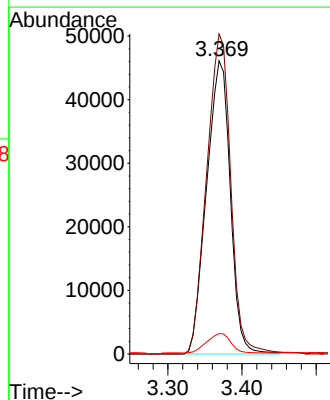
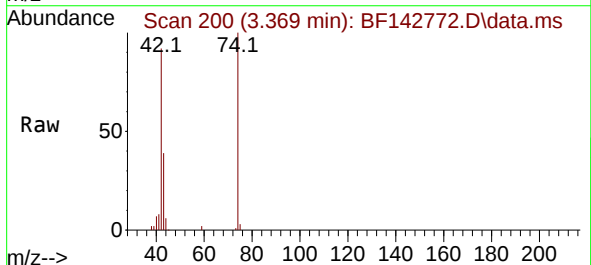
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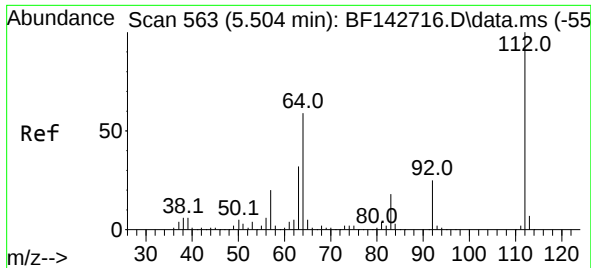
Tgt Ion: 79 Resp: 192168
Ion Ratio Lower Upper
79 100
52 87.6 67.1 100.7
51 42.9 32.6 48.8



#4
n-Nitrosodimethylamine
Concen: 42.141 ng
RT: 3.369 min Scan# 200
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion: 42 Resp: 102617
Ion Ratio Lower Upper
42 100
74 109.1 89.6 134.4
44 7.0 5.4 8.2

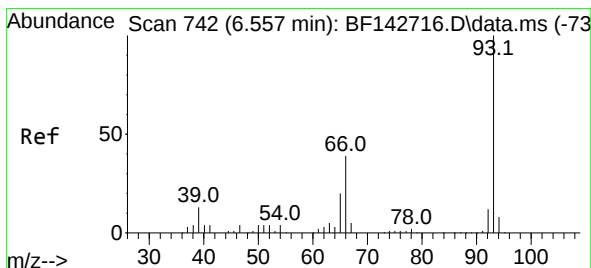
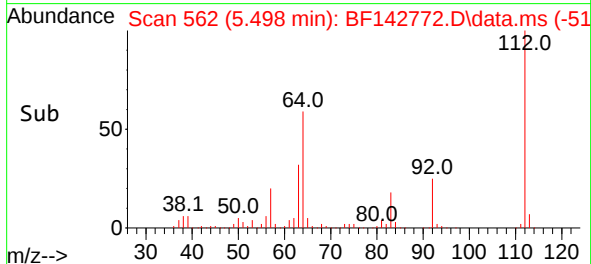
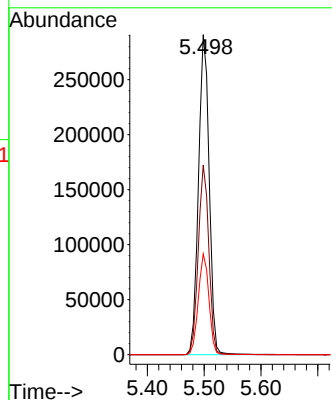
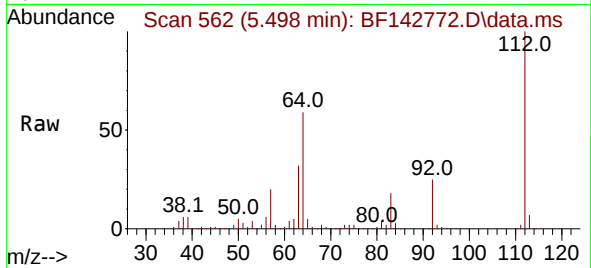




#5
2-Fluorophenol
Concen: 79.732 ng
RT: 5.498 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

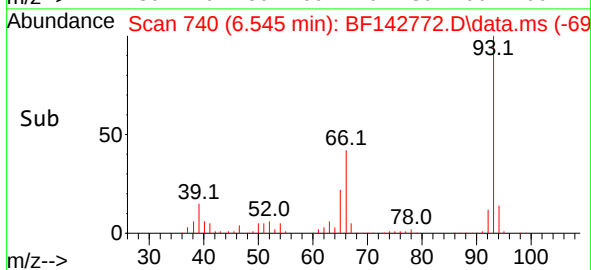
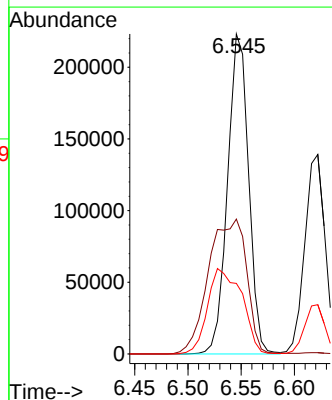
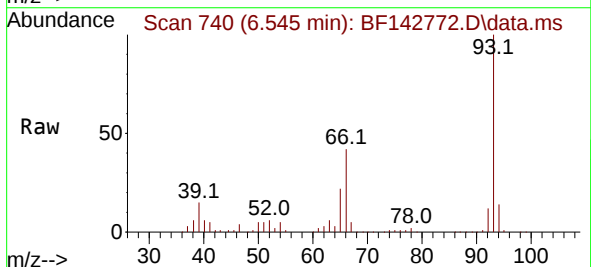
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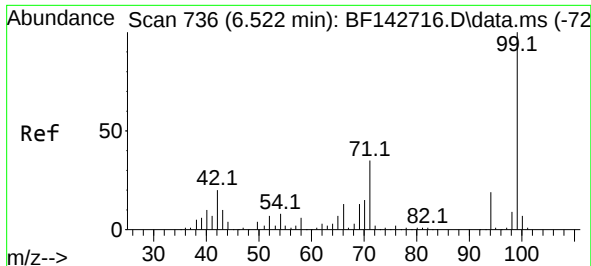
Tgt Ion:112 Resp: 382415
Ion Ratio Lower Upper
112 100
64 59.3 47.4 71.2
63 31.5 25.4 38.0



#6
Aniline
Concen: 40.588 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion: 93 Resp: 306632
Ion Ratio Lower Upper
93 100
66 42.2 32.0 48.0
65 22.1 16.1 24.1

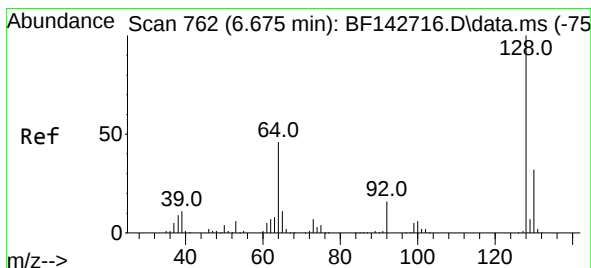
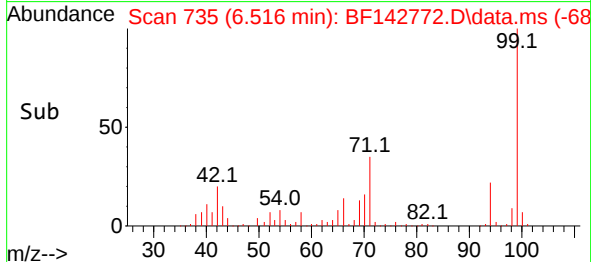
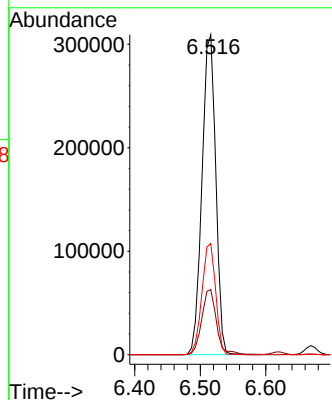
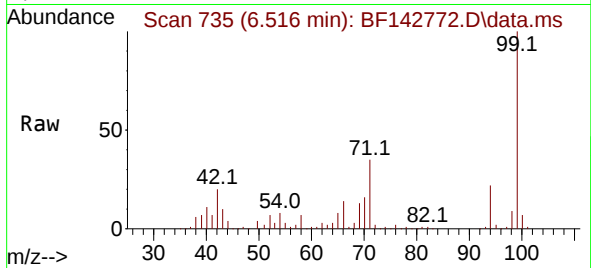




#7
Phenol-d6
Concen: 80.148 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

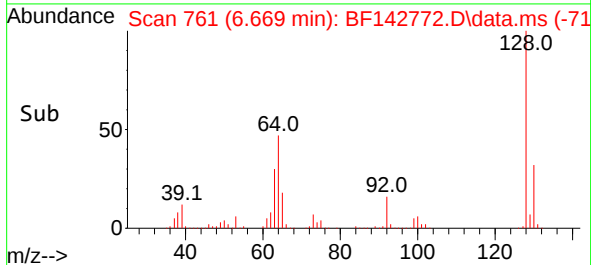
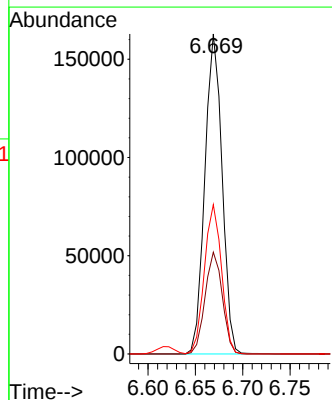
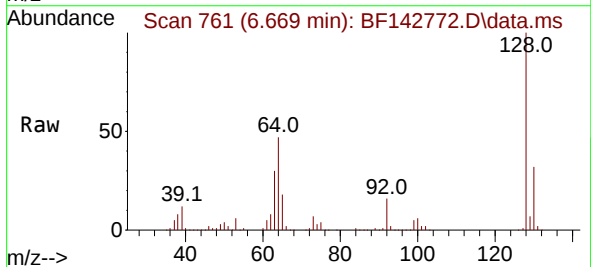
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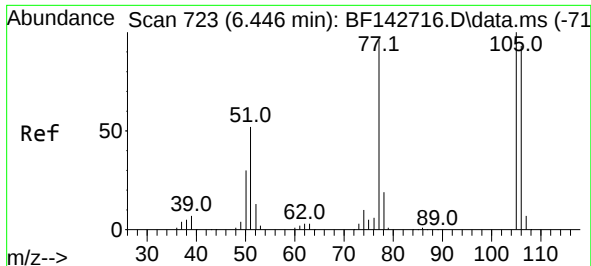
Tgt Ion: 99 Resp: 452395
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 34.7 28.0 42.0



#8
2-Chlorophenol
Concen: 39.160 ng
RT: 6.669 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion: 128 Resp: 205253
Ion Ratio Lower Upper
128 100
130 31.8 12.4 52.4
64 46.7 26.5 66.5

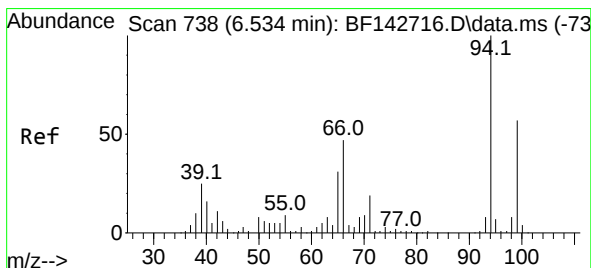
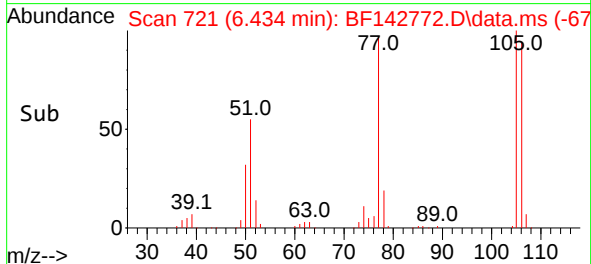
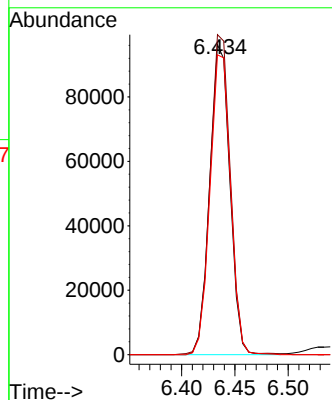
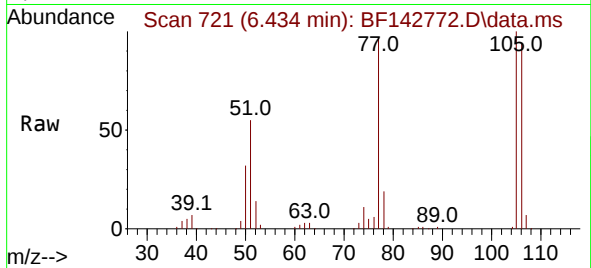




#9
Benzaldehyde
Concen: 36.264 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
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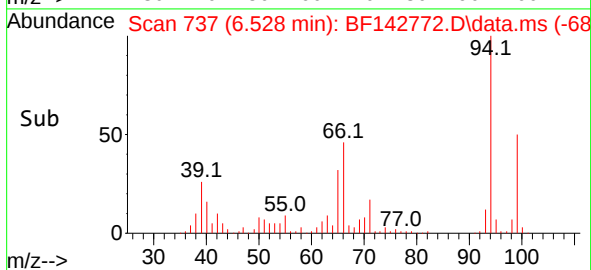
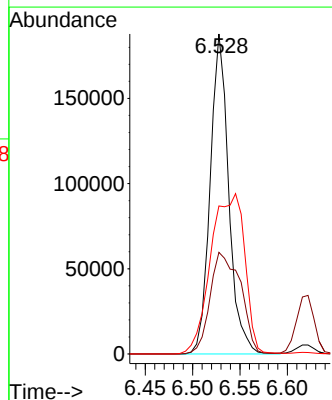
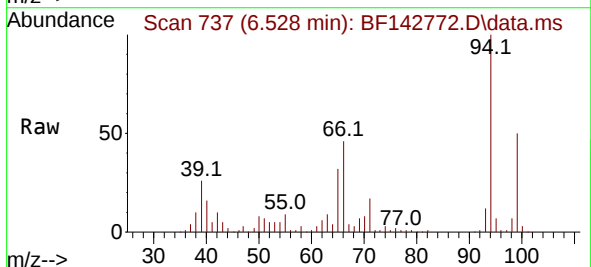
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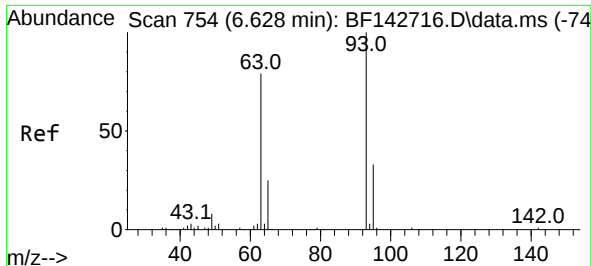
Tgt Ion: 77 Resp: 126759
Ion Ratio Lower Upper
77 100
105 103.3 84.1 124.1
106 96.8 77.2 117.2



#10
Phenol
Concen: 40.643 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion: 94 Resp: 254999
Ion Ratio Lower Upper
94 100
65 31.7 11.4 51.4
66 46.2 26.7 66.7

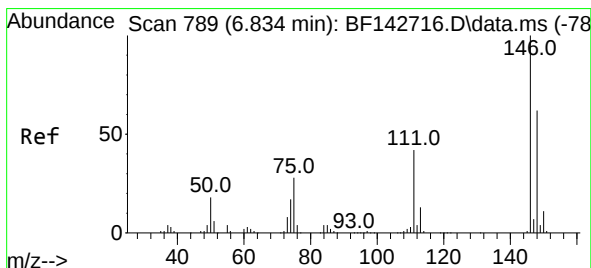
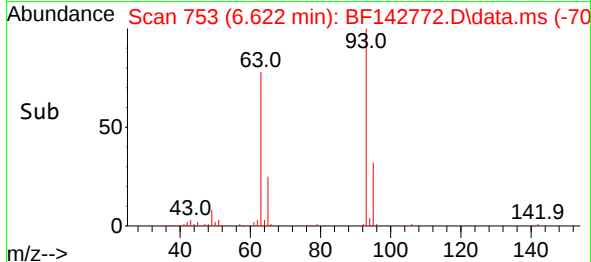
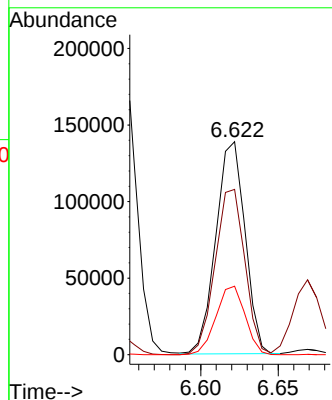
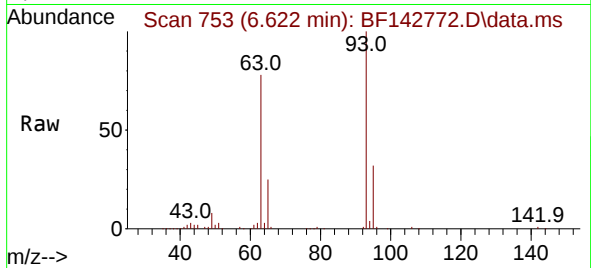




#11
bis(2-Chloroethyl)ether
Concen: 38.740 ng
RT: 6.622 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

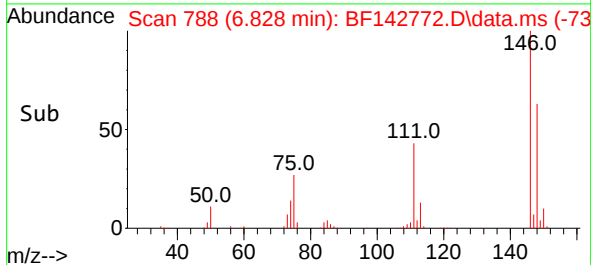
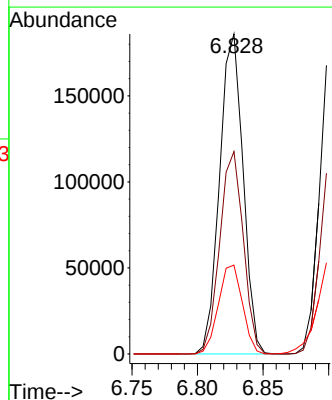
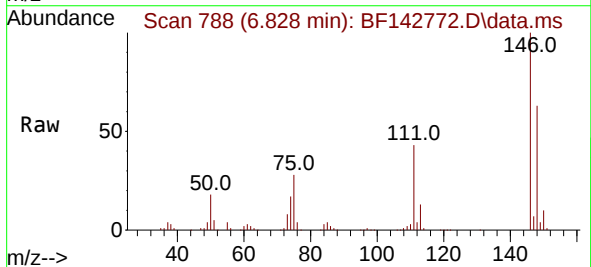
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

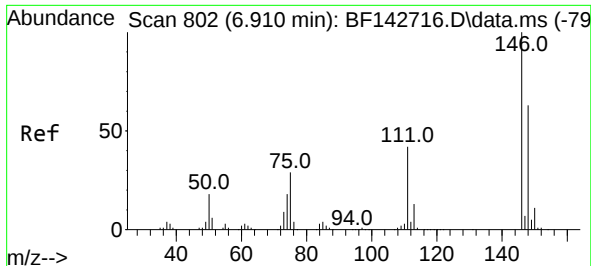
Tgt Ion: 93 Resp: 181549
Ion Ratio Lower Upper
93 100
63 77.6 58.3 98.3
95 32.1 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 38.636 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:146 Resp: 231109
Ion Ratio Lower Upper
146 100
148 63.3 49.9 74.9
75 27.7 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 38.487 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

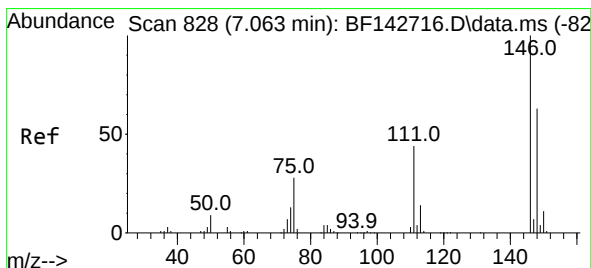
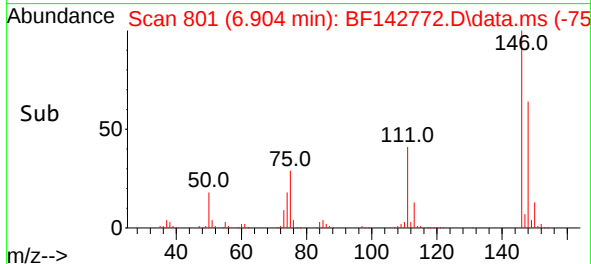
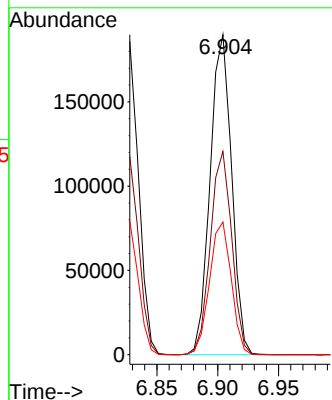
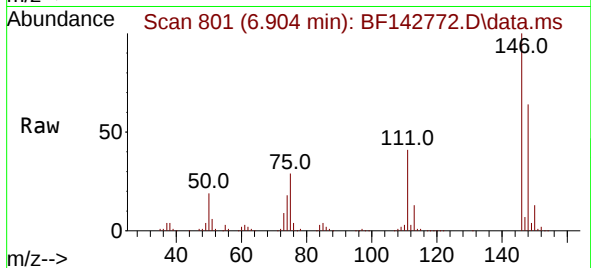
Tgt Ion:146 Resp: 232660

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

111 41.4 33.6 50.4



#14

1,2-Dichlorobenzene

Concen: 38.223 ng

RT: 7.057 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

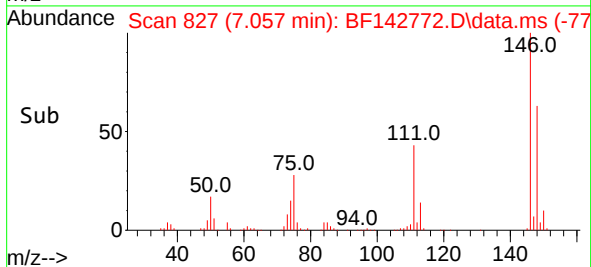
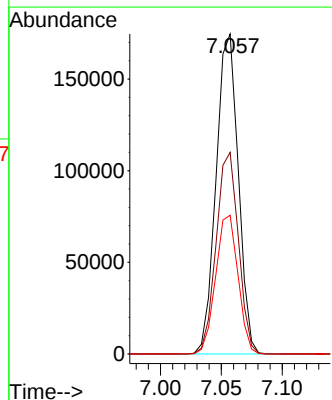
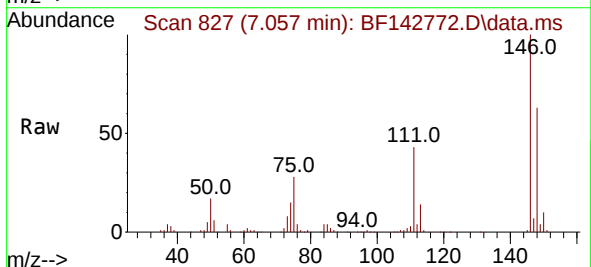
Tgt Ion:146 Resp: 221491

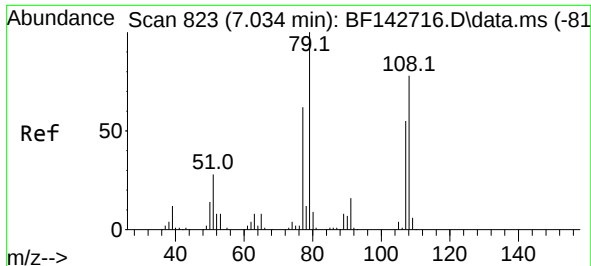
Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 43.4 35.2 52.8

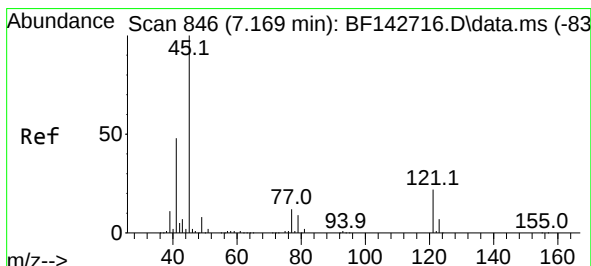
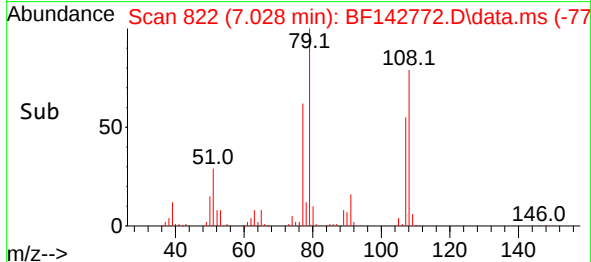
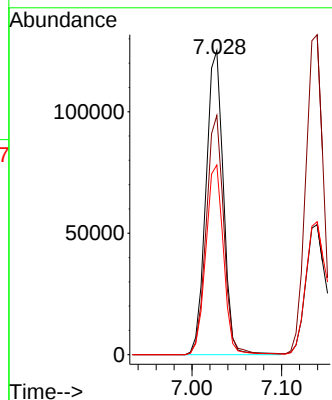
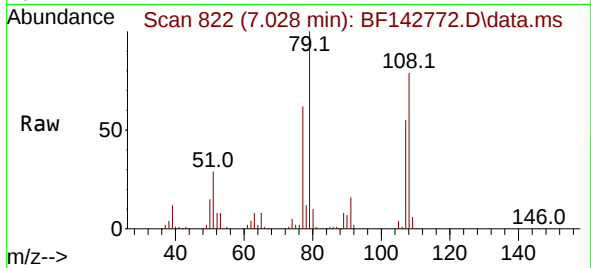




#15
Benzyl Alcohol
Concen: 39.590 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

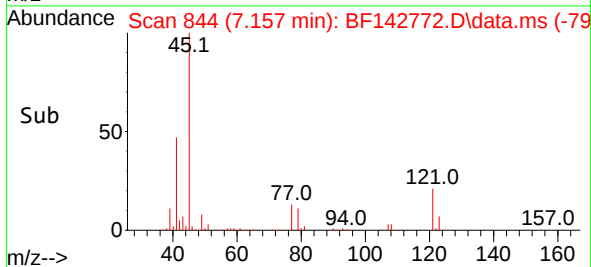
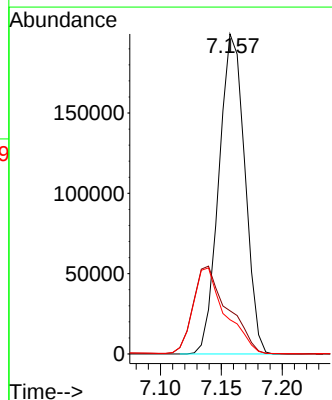
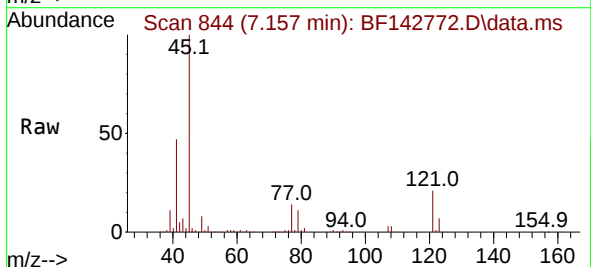
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

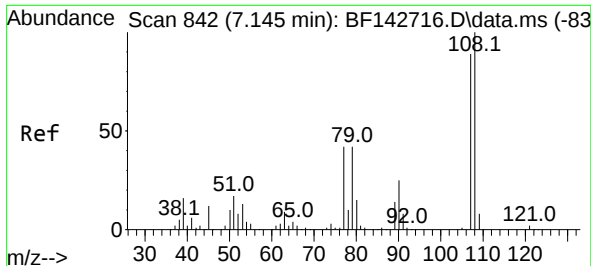
Tgt Ion: 79 Resp: 168902
Ion Ratio Lower Upper
79 100
108 78.7 62.6 94.0
77 62.4 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.028 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

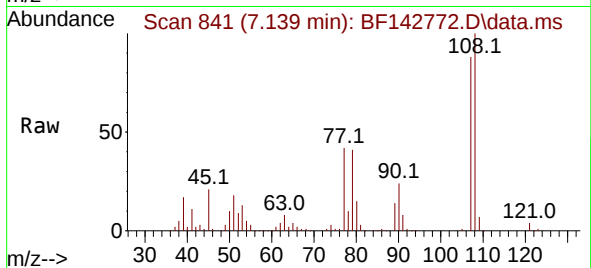
Tgt Ion: 45 Resp: 295336
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.1
79 10.7 0.0 30.5



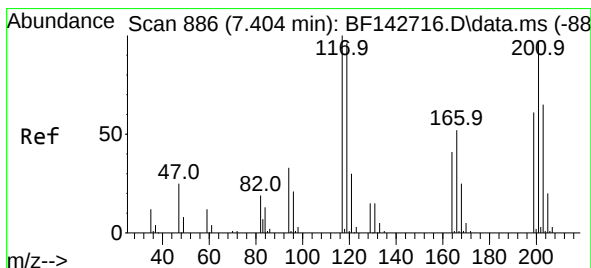
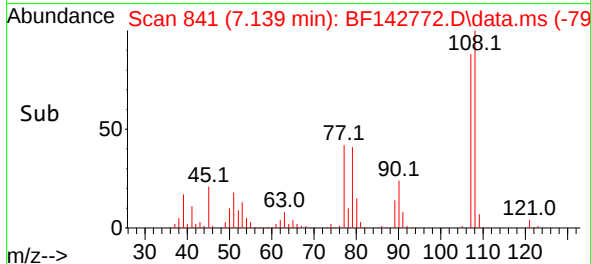
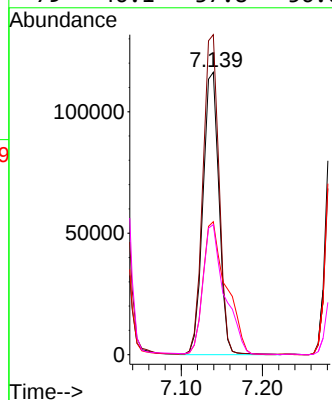


#17
2-Methylphenol
Concen: 39.745 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

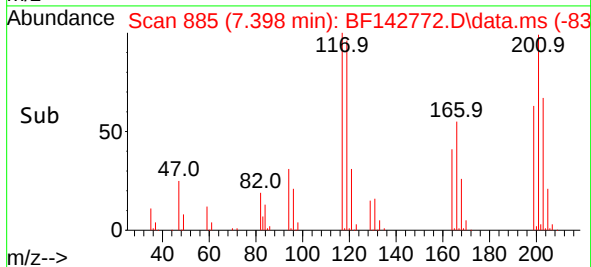
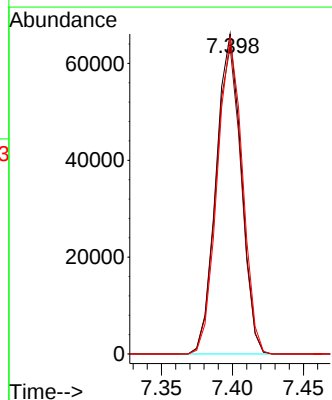
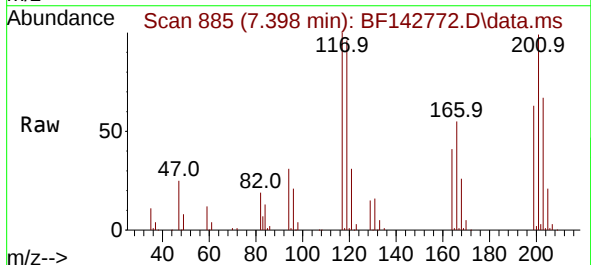


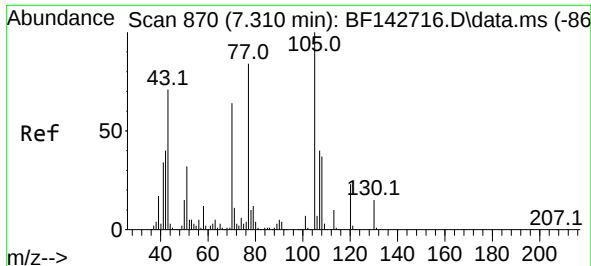
Tgt Ion:	107	Resp:	159701
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.0	135.0
77	47.1	38.2	57.2
79	46.1	37.8	56.6



#18
Hexachloroethane
Concen: 37.680 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:	117	Resp:	81631
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.4	114.6
201	98.9	77.8	116.6



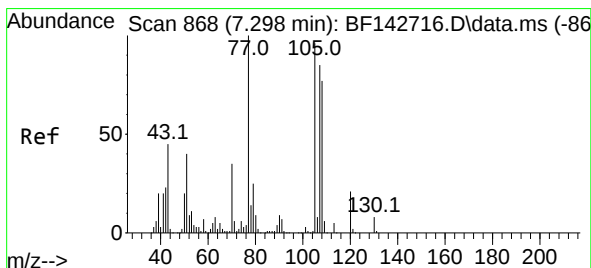
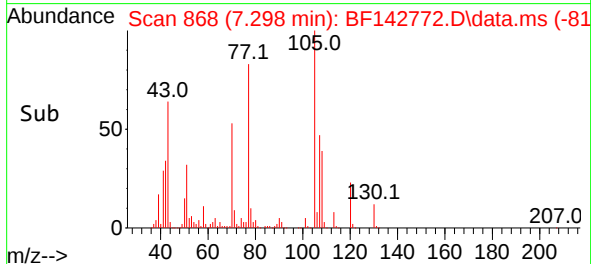
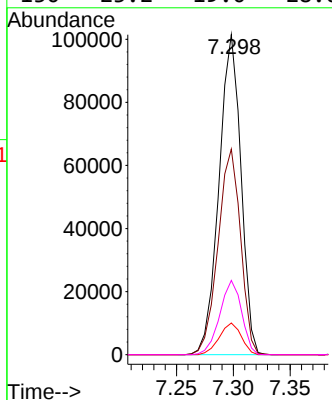
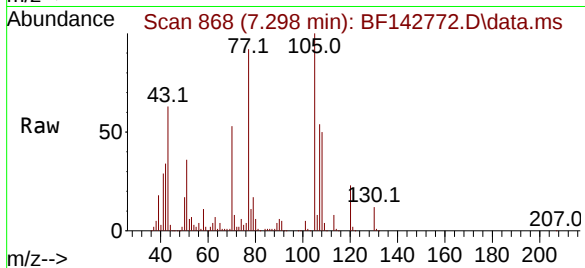


#19
n-Nitroso-di-n-propylamine
Concen: 37.946 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 136356

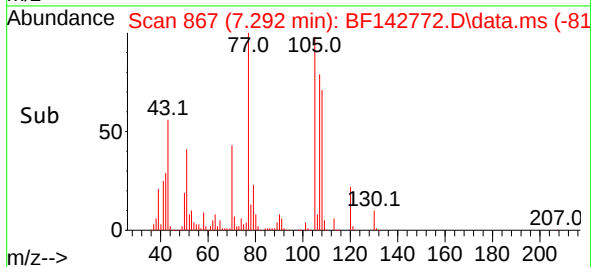
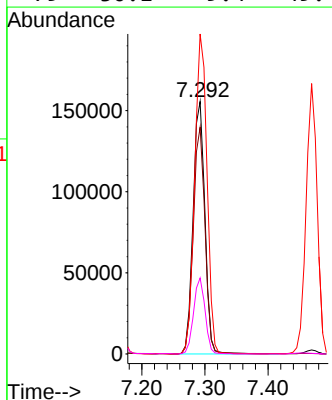
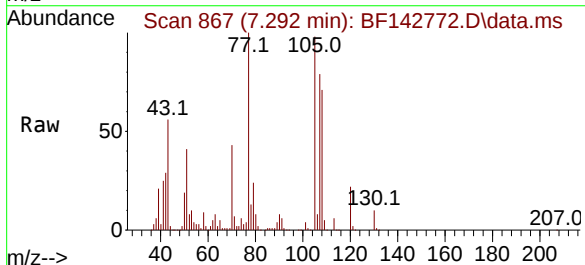
Ion	Ratio	Lower	Upper
70	100		
42	64.2	50.2	75.4
101	9.9	8.3	12.5
130	23.2	19.0	28.6

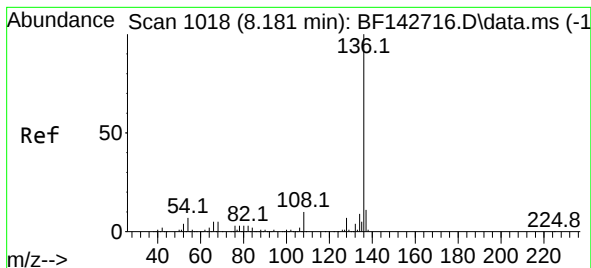


#20
3+4-Methylphenols
Concen: 39.913 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion: 107 Resp: 202189

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.9	109.9
77	126.8	97.4	137.4
79	30.1	9.4	49.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 316375

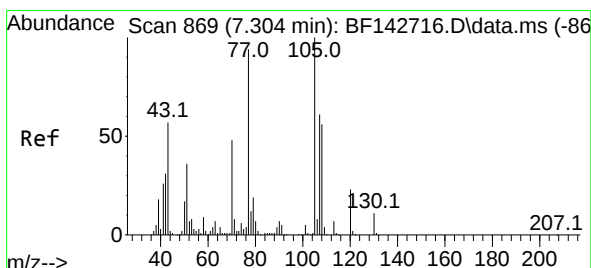
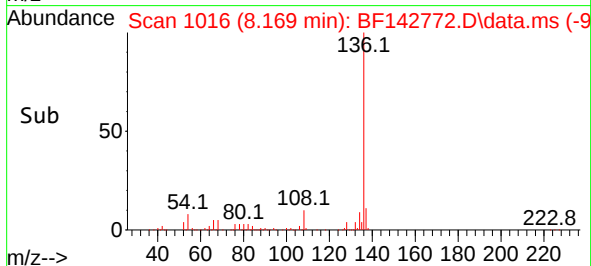
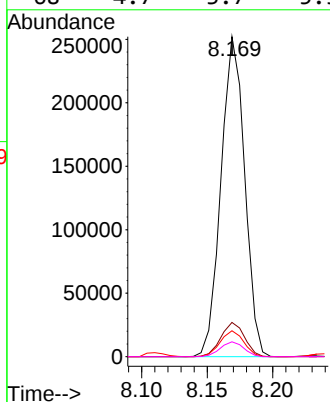
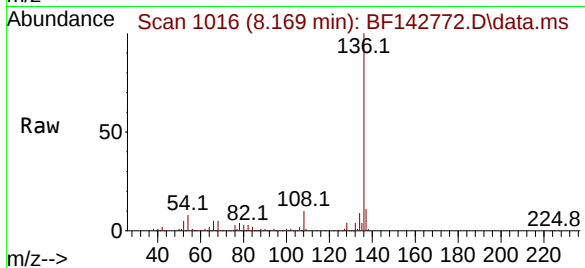
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.1 5.9 8.9

68 4.7 3.7 5.5



#22

Acetophenone

Concen: 38.323 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Tgt Ion:105 Resp: 269700

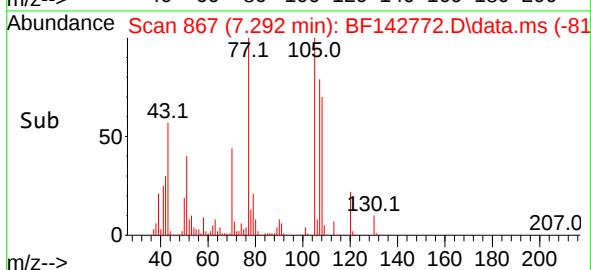
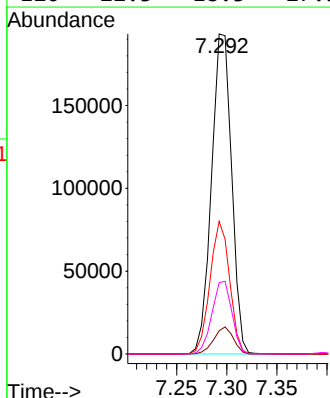
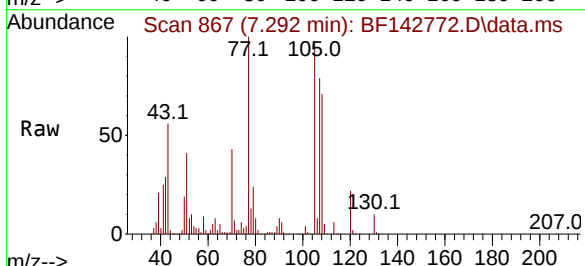
Ion Ratio Lower Upper

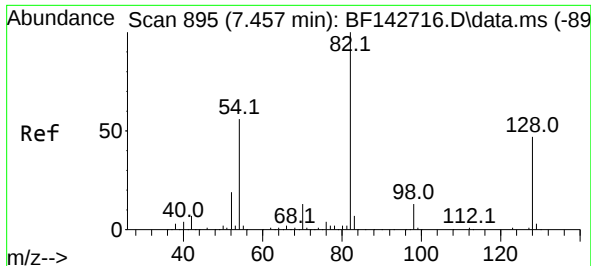
105 100

71 7.2 6.4 9.6

51 41.4 29.1 43.7

120 22.3 18.3 27.5





#23

Nitrobenzene-d5

Concen: 77.853 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

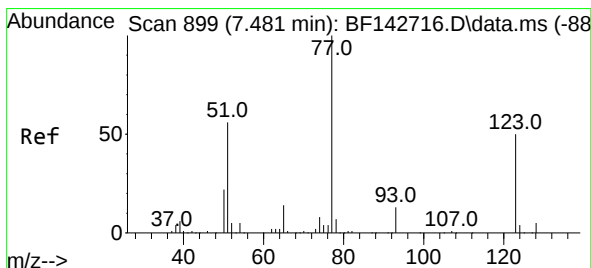
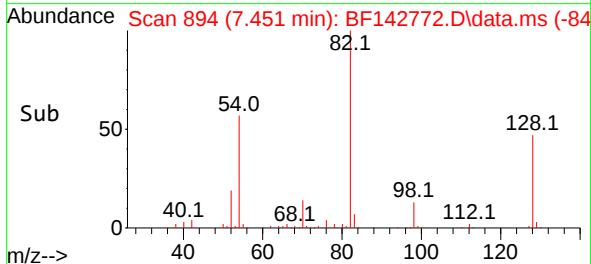
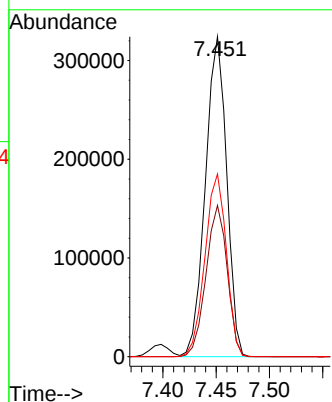
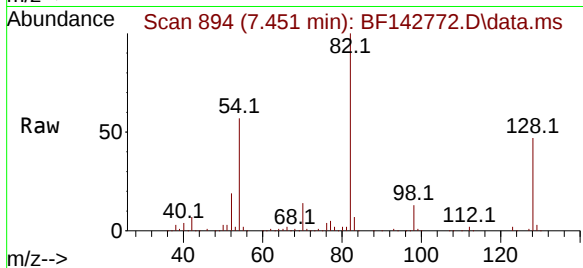
Tgt Ion: 82 Resp: 450060

Ion Ratio Lower Upper

82 100

128 47.2 37.8 56.8

54 57.1 44.9 67.3



#24

Nitrobenzene

Concen: 39.642 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

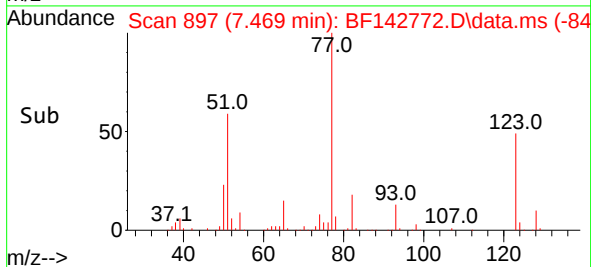
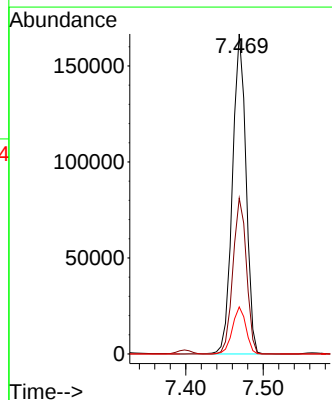
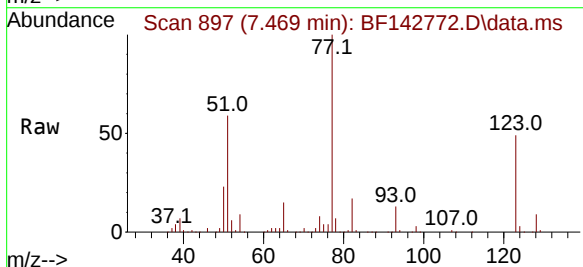
Tgt Ion: 77 Resp: 203393

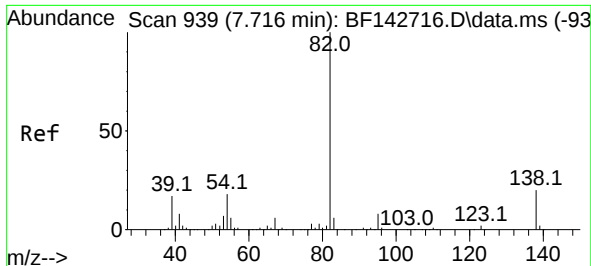
Ion Ratio Lower Upper

77 100

123 48.7 40.8 61.2

65 14.7 11.5 17.3

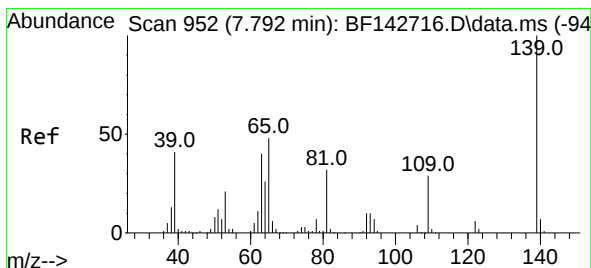
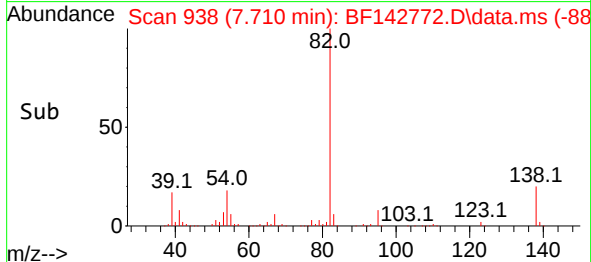
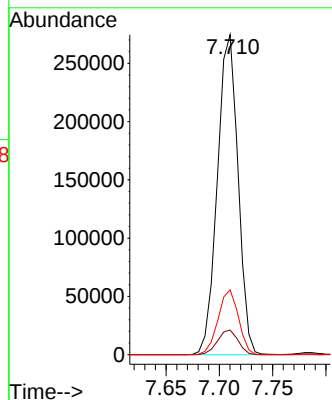
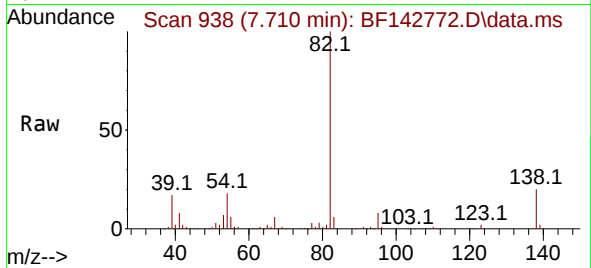




#25
Isophorone
Concen: 37.792 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

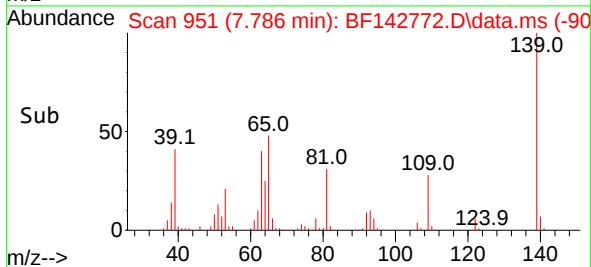
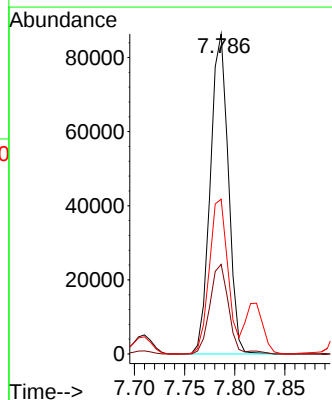
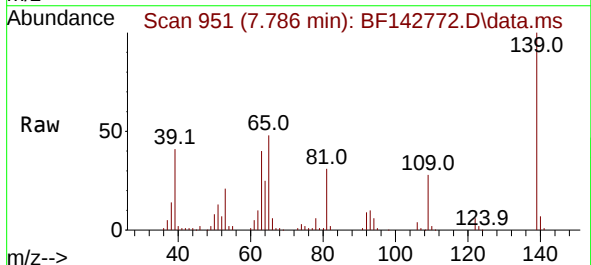
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

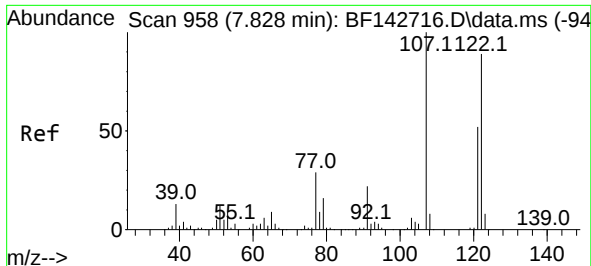
Tgt Ion: 82 Resp: 369909
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 20.3 15.8 23.6



#26
2-Nitrophenol
Concen: 37.674 ng
RT: 7.786 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:139 Resp: 107875
Ion Ratio Lower Upper
139 100
109 28.0 23.4 35.2
65 48.4 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 38.828 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

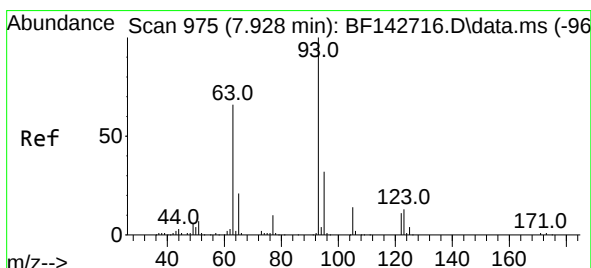
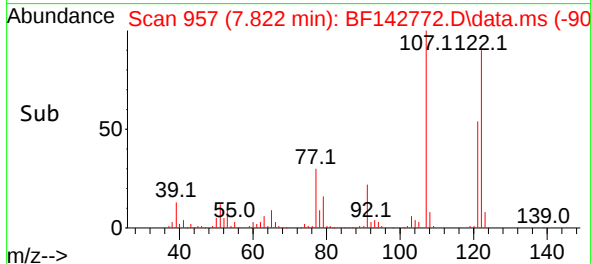
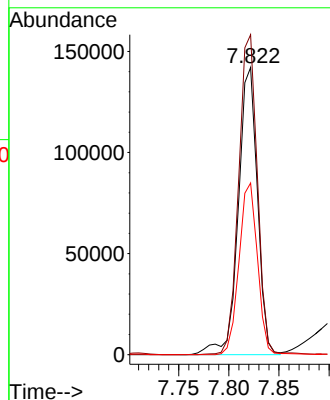
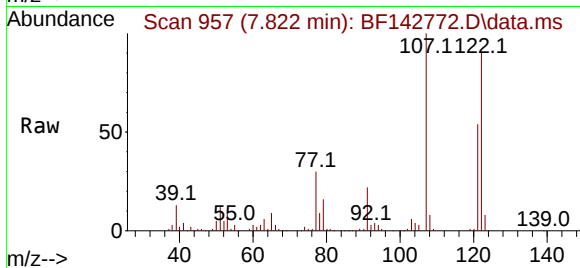
Tgt Ion:122 Resp: 189290

Ion Ratio Lower Upper

122 100

107 111.4 90.4 135.6

121 59.8 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 37.746 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

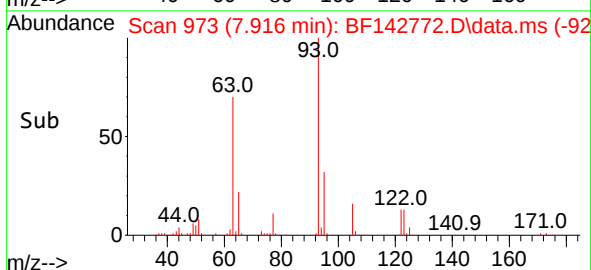
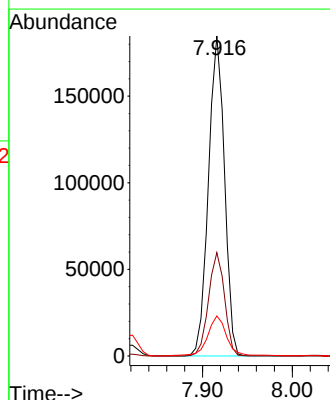
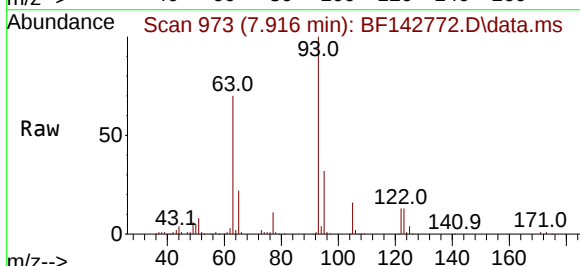
Tgt Ion: 93 Resp: 229379

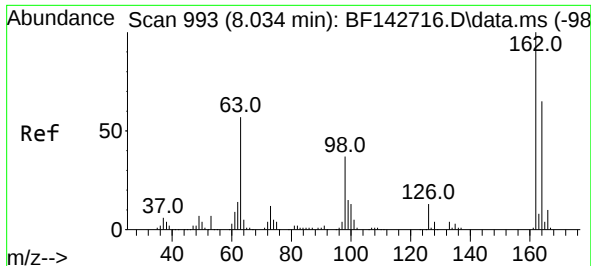
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 38.638 ng

RT: 8.028 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

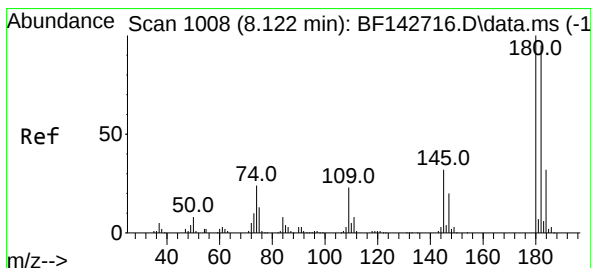
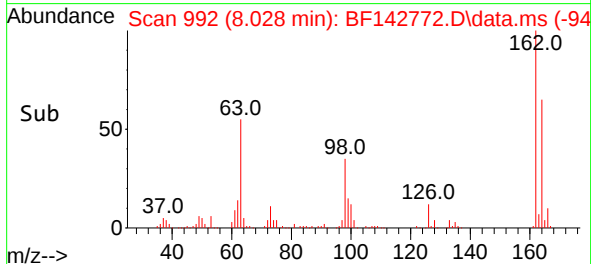
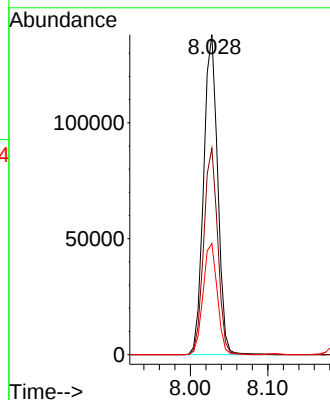
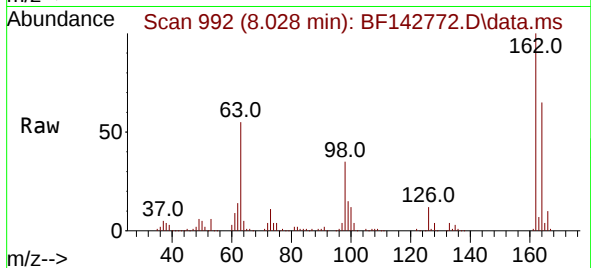
Tgt Ion:162 Resp: 173836

Ion Ratio Lower Upper

162 100

164 64.5 45.1 85.1

98 34.8 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 37.745 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

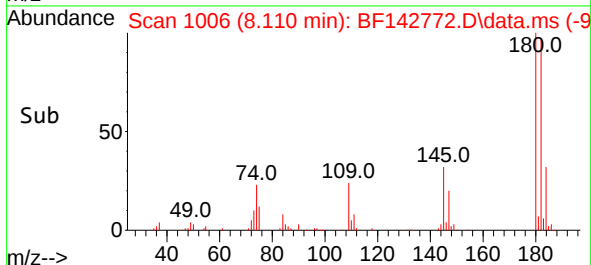
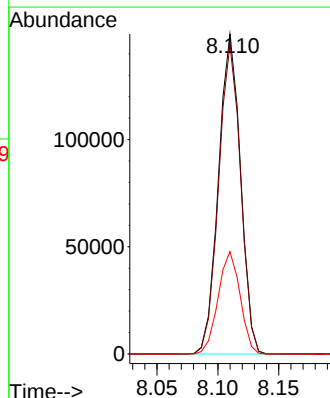
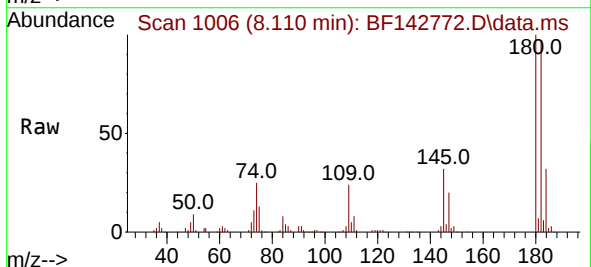
Tgt Ion:180 Resp: 187650

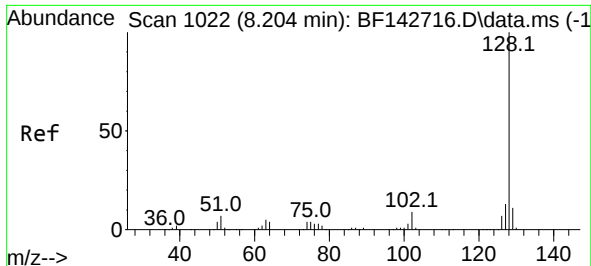
Ion Ratio Lower Upper

180 100

182 96.8 75.9 113.9

145 32.0 25.7 38.5

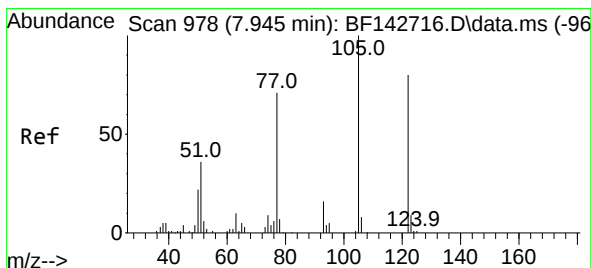
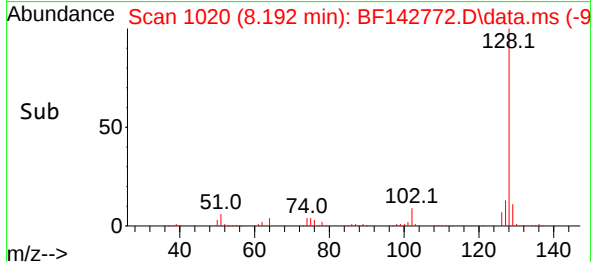
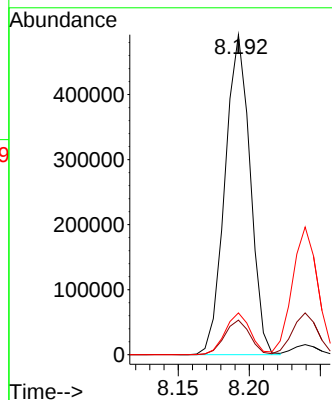
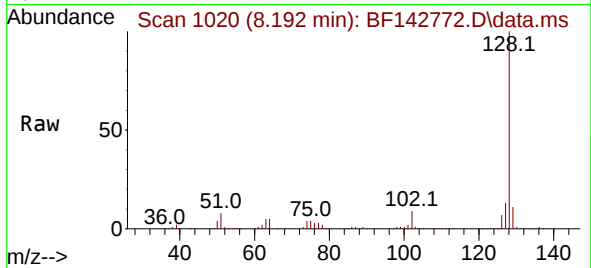




#31
Naphthalene
Concen: 38.644 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

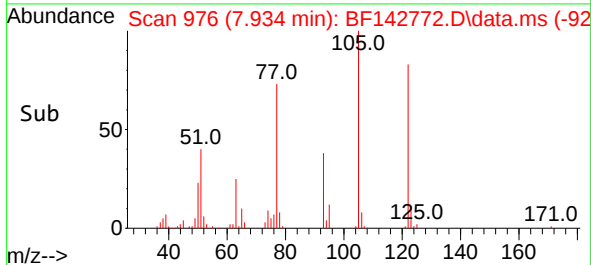
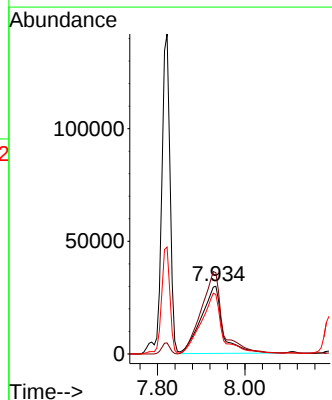
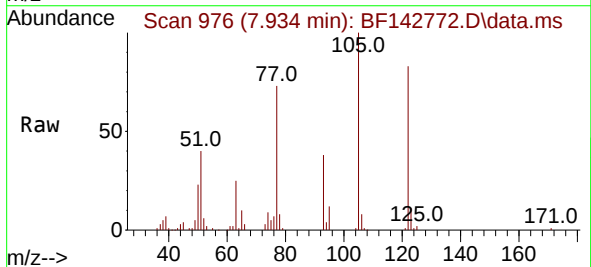
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

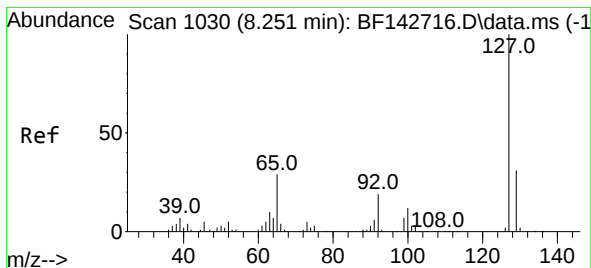
Tgt Ion:128 Resp: 604648
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 37.255 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:122 Resp: 102285
Ion Ratio Lower Upper
122 100
105 120.2 102.6 142.6
77 87.8 68.2 108.2





#33

4-Chloroaniline

Concen: 39.095 ng

RT: 8.239 min Scan# 1028

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 245609

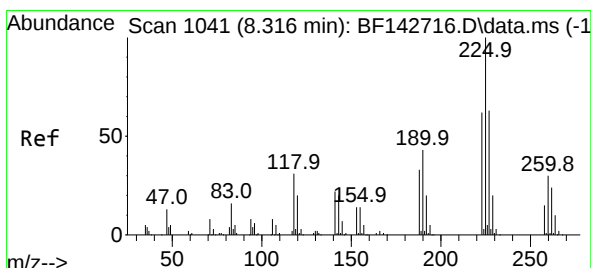
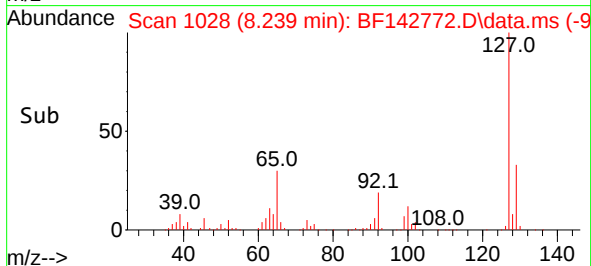
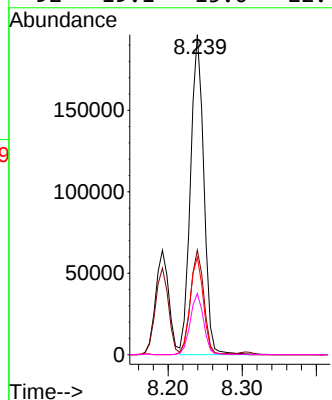
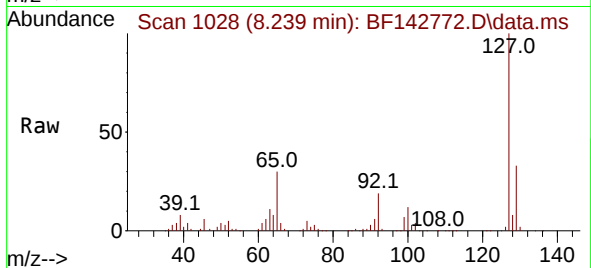
Ion Ratio Lower Upper

127 100

129 32.7 25.6 38.4

65 30.5 23.0 34.4

92 19.1 15.0 22.4



#34

Hexachlorobutadiene

Concen: 36.764 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

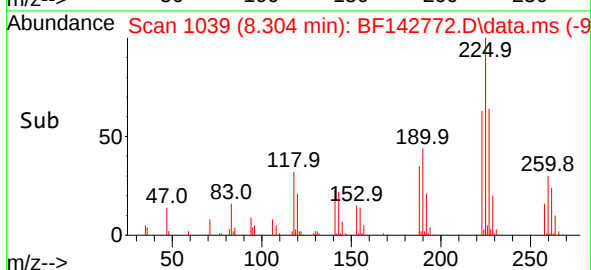
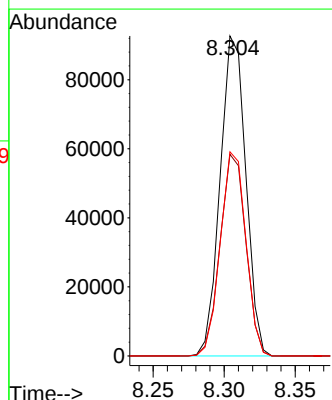
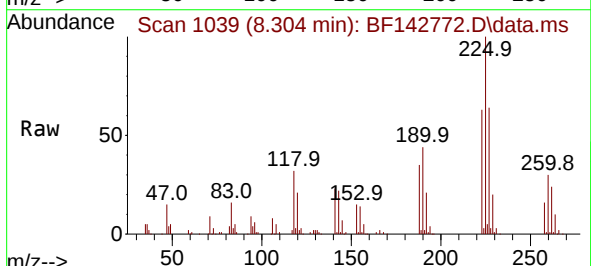
Tgt Ion:225 Resp: 116472

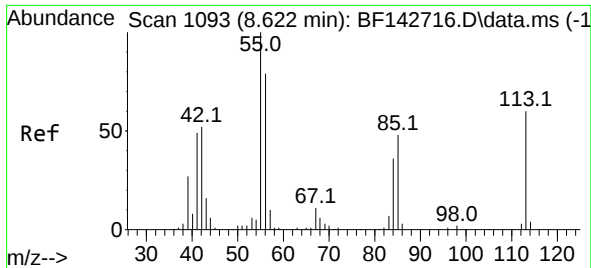
Ion Ratio Lower Upper

225 100

223 63.0 49.3 73.9

227 63.8 50.6 75.8

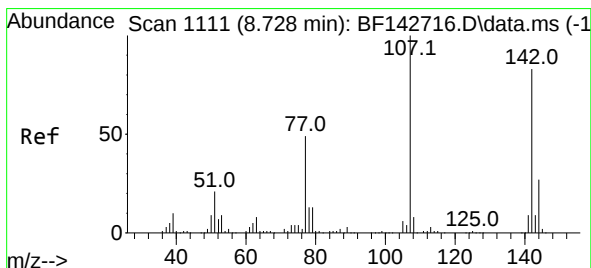
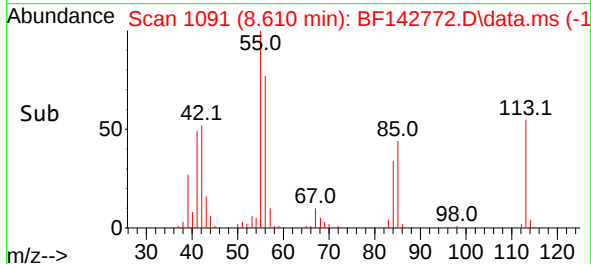
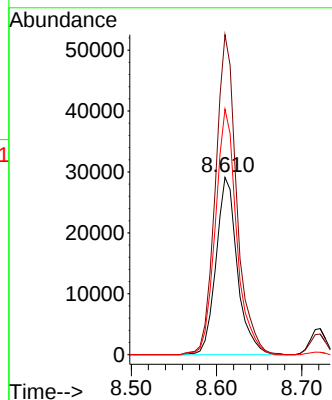
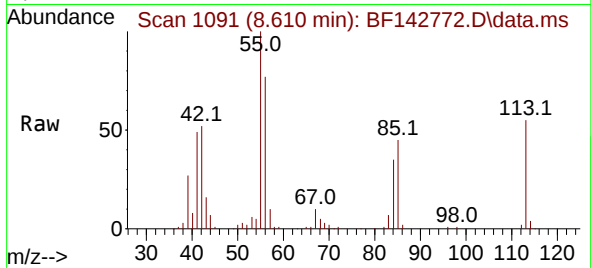




#35
 Caprolactam
 Concen: 41.567 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF142772.D
 Acq: 18 Jun 2025 11:48

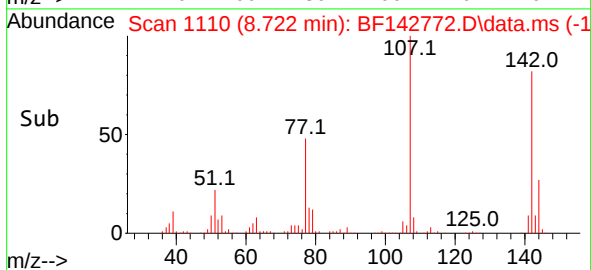
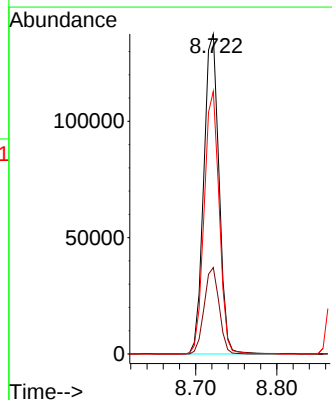
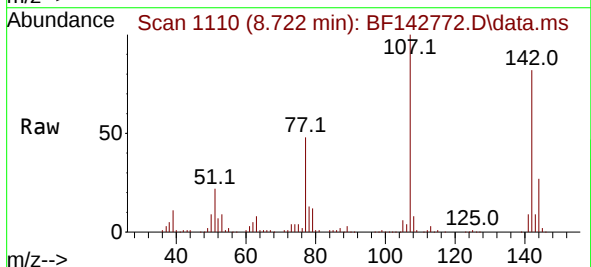
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

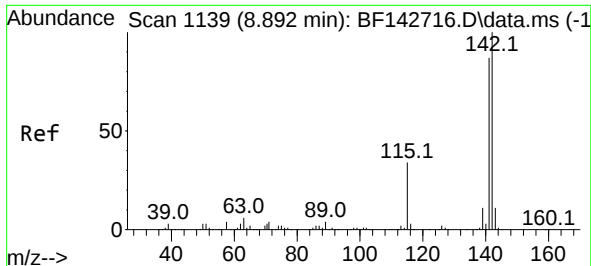
Tgt Ion:113 Resp: 50481
 Ion Ratio Lower Upper
 113 100
 55 180.5 147.9 187.9
 56 138.5 111.9 151.9



#36
 4-Chloro-3-methylphenol
 Concen: 38.252 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF142772.D
 Acq: 18 Jun 2025 11:48

Tgt Ion:107 Resp: 178949
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.3 31.9
 142 82.1 66.2 99.2





#37

2-Methylnaphthalene

Concen: 38.145 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

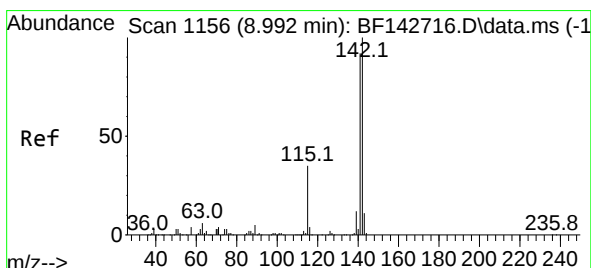
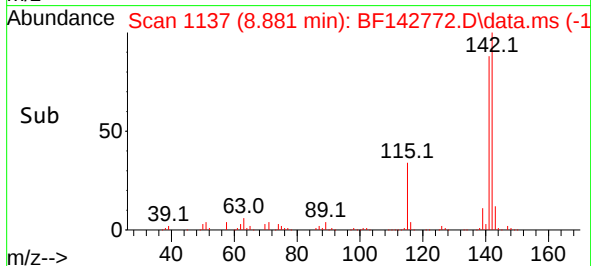
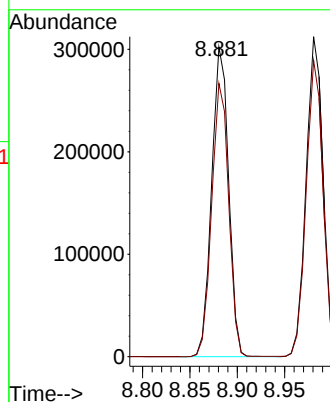
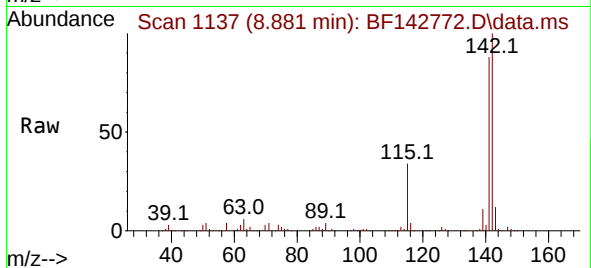
SSTDCCC040

Tgt Ion:142 Resp: 377771

Ion Ratio Lower Upper

142 100

141 88.2 69.9 104.9



#38

1-Methylnaphthalene

Concen: 37.858 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF142772.D

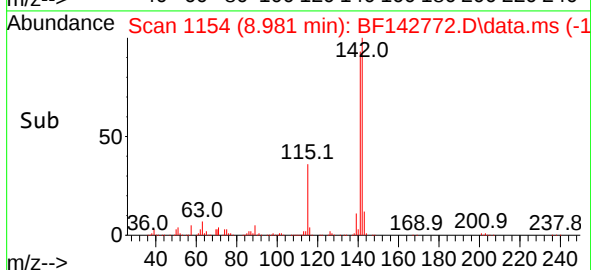
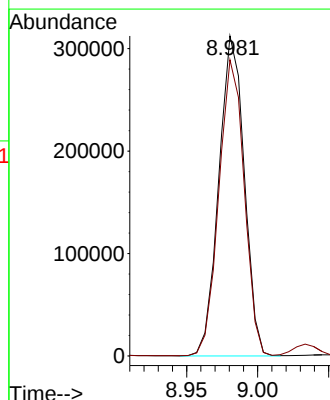
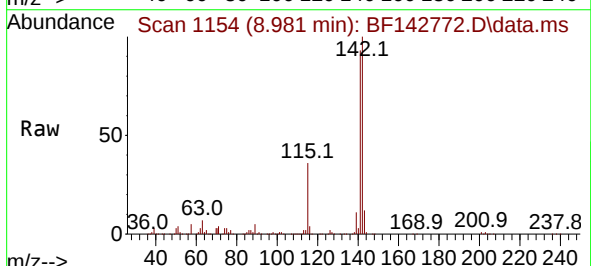
Acq: 18 Jun 2025 11:48

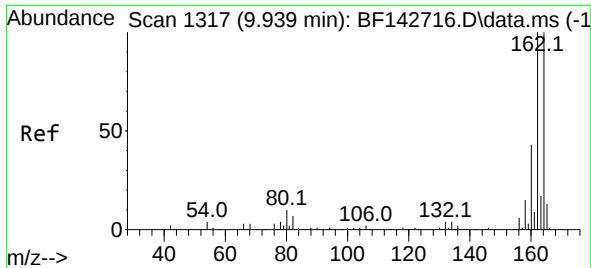
Tgt Ion:142 Resp: 388402

Ion Ratio Lower Upper

142 100

141 92.6 73.5 110.3

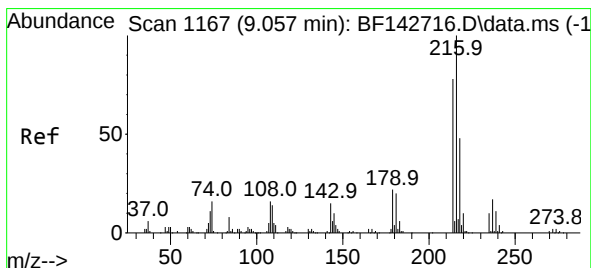
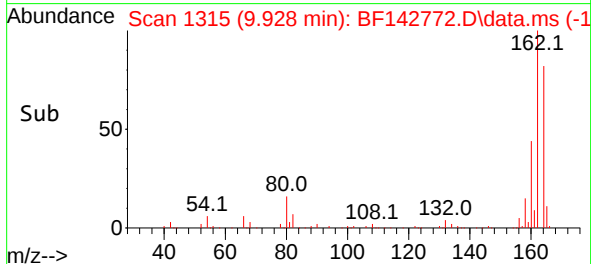
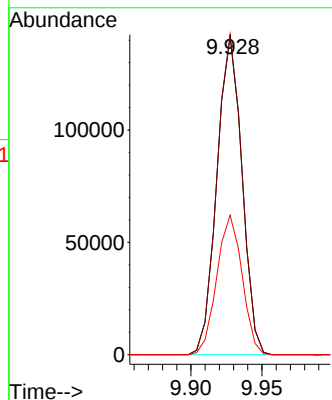
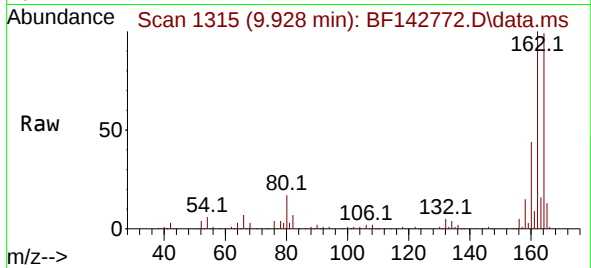




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

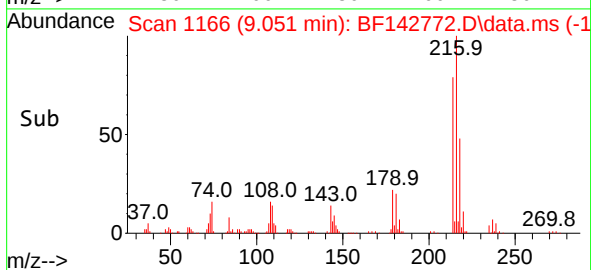
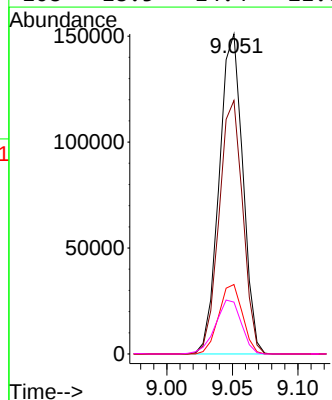
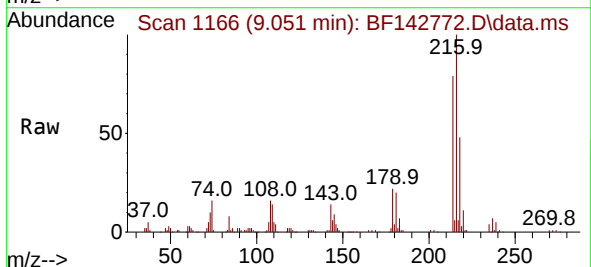
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

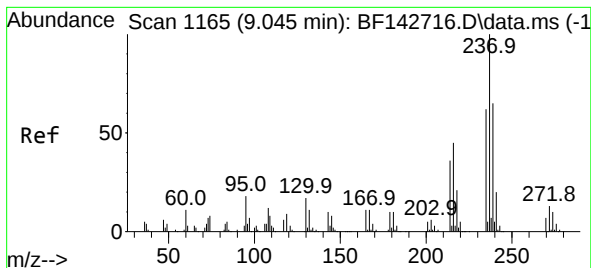
Tgt Ion:164 Resp: 173519
Ion Ratio Lower Upper
164 100
162 100.6 79.9 119.9
160 43.9 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.703 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:216 Resp: 189349
Ion Ratio Lower Upper
216 100
214 79.2 62.6 94.0
179 21.8 17.1 25.7
108 18.5 14.4 21.6





#41

Hexachlorocyclopentadiene

Concen: 34.854 ng

RT: 9.033 min Scan# 1163

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

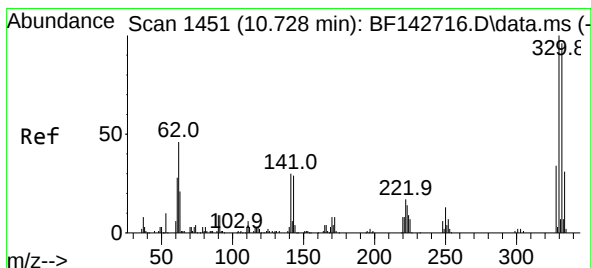
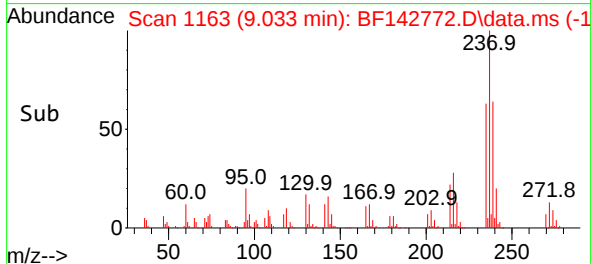
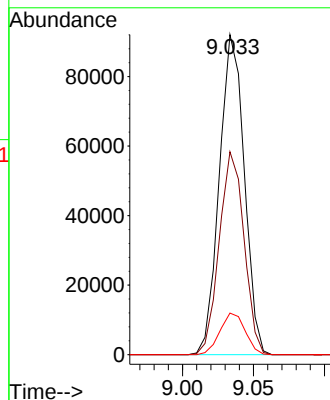
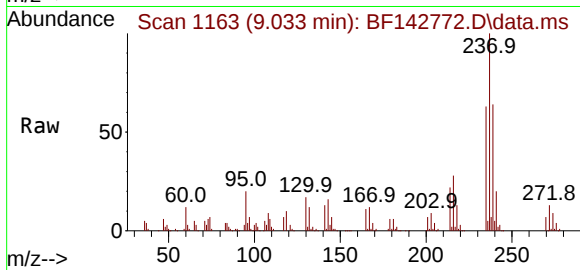
Tgt Ion:237 Resp: 112347

Ion Ratio Lower Upper

237 100

235 63.4 41.9 81.9

272 13.0 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 75.358 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

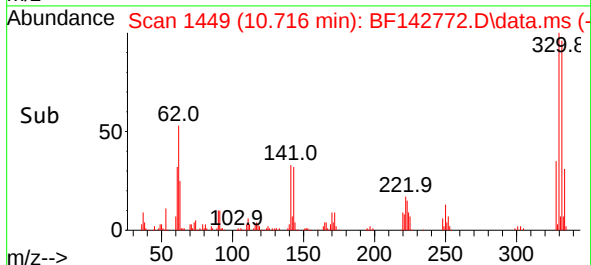
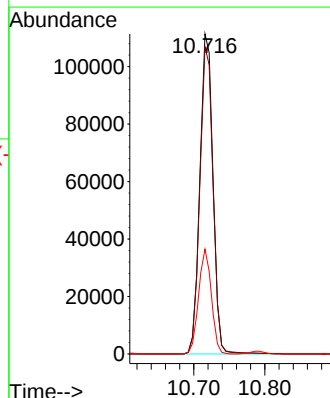
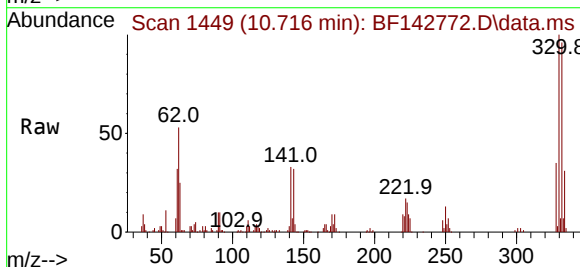
Tgt Ion:330 Resp: 143312

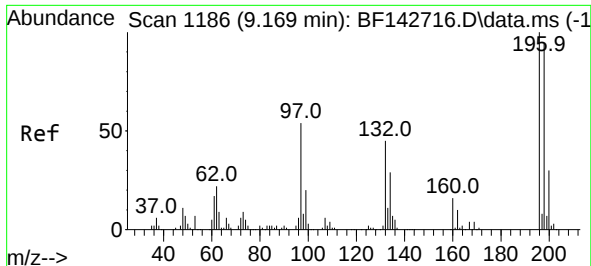
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

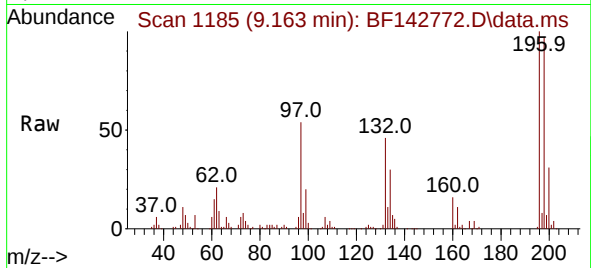
141 31.8 25.4 38.0



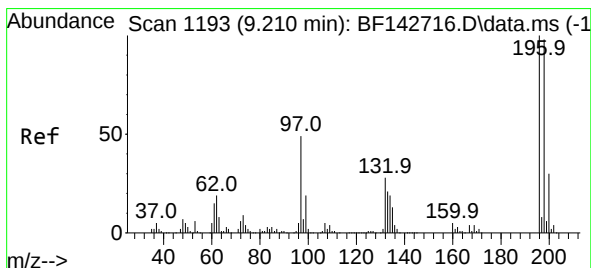
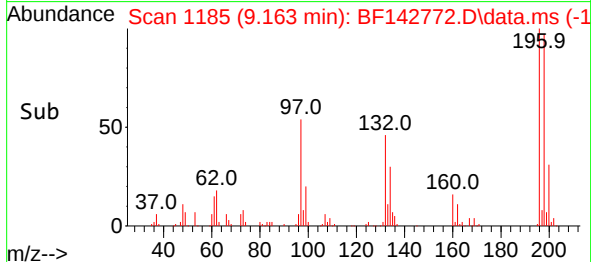
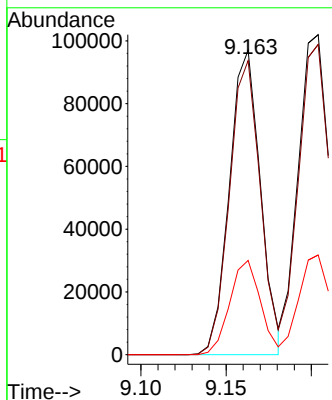


#43
2,4,6-Trichlorophenol
Concen: 37.806 ng
RT: 9.163 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

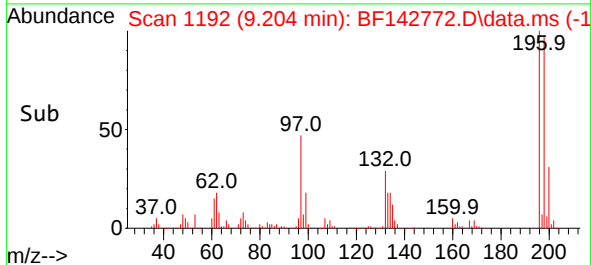
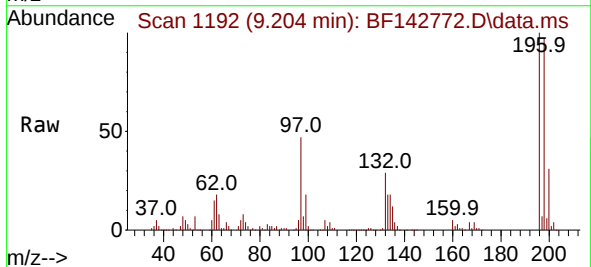
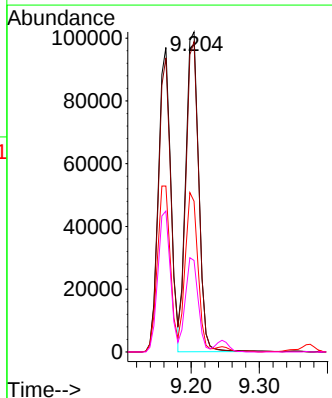


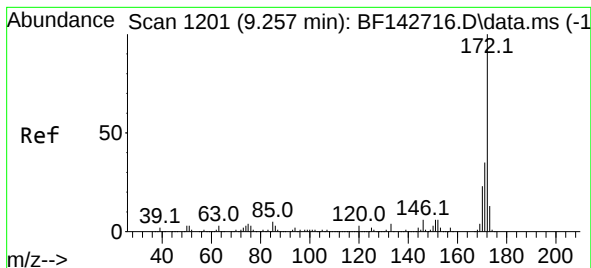
Tgt Ion:196 Resp: 122904
Ion Ratio Lower Upper
196 100
198 96.6 75.5 113.3
200 31.0 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 38.099 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:196 Resp: 133777
Ion Ratio Lower Upper
196 100
198 97.0 78.2 117.2
97 47.1 38.6 57.8
132 28.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 73.840 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

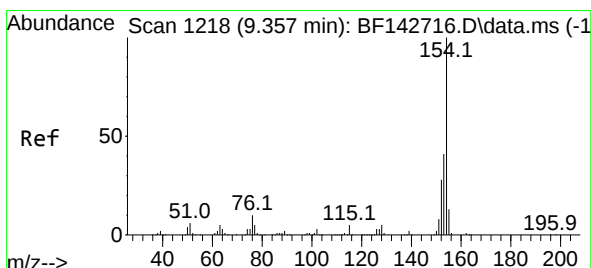
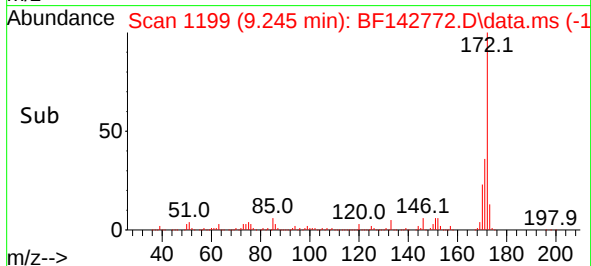
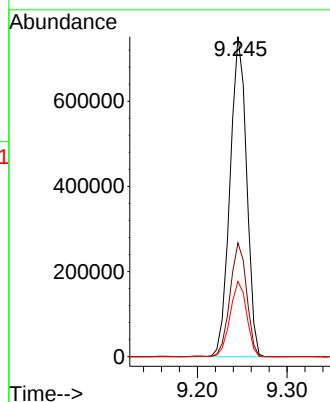
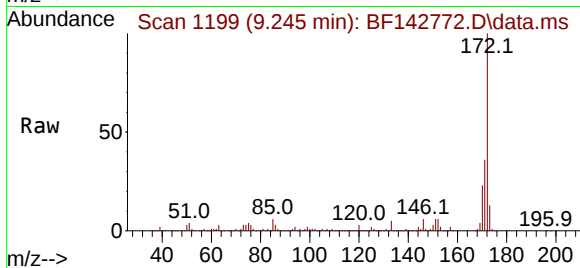
Tgt Ion:172 Resp: 964409

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.5 18.6 27.8



#46

1,1'-Biphenyl

Concen: 38.135 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

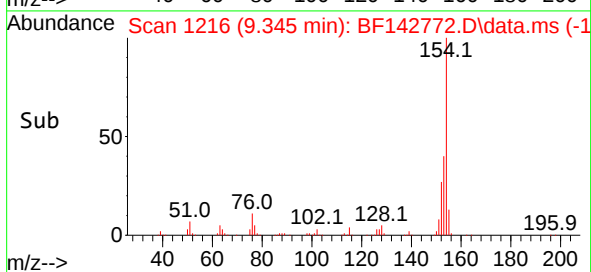
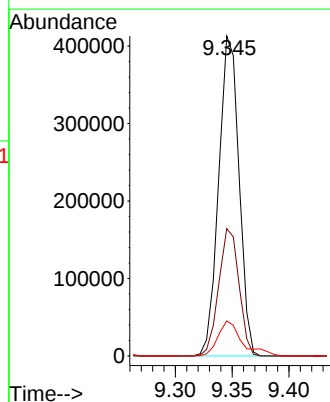
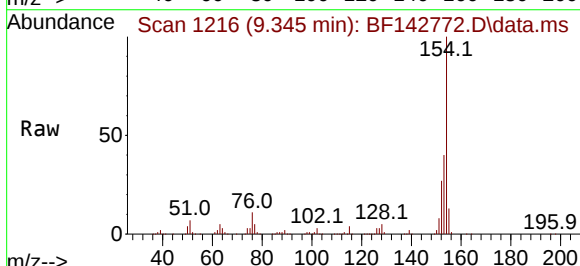
Tgt Ion:154 Resp: 513826

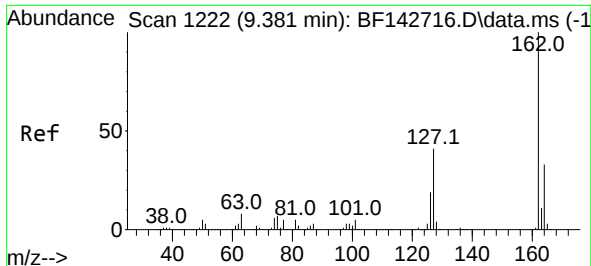
Ion Ratio Lower Upper

154 100

153 39.8 20.6 60.6

76 11.0 0.0 30.2





#47

2-Chloronaphthalene

Concen: 38.153 ng

RT: 9.375 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

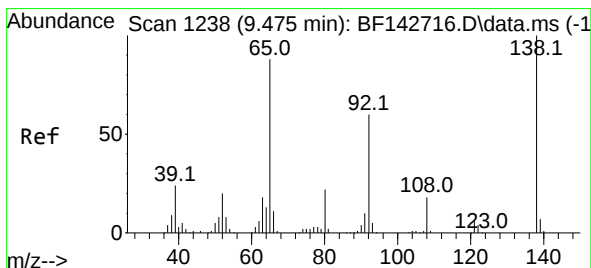
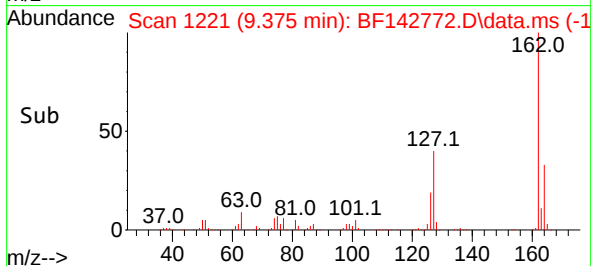
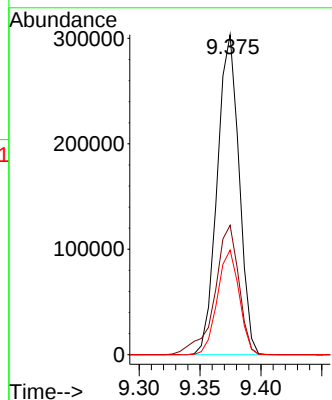
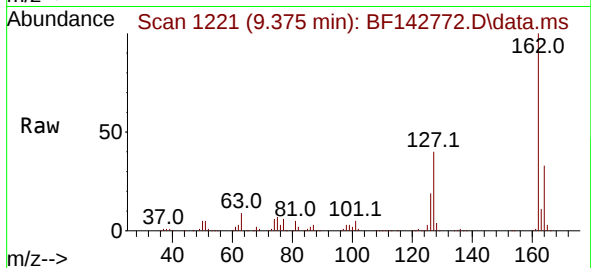
Tgt Ion:162 Resp: 378733

Ion Ratio Lower Upper

162 100

127 40.5 33.5 50.3

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 39.807 ng

RT: 9.469 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

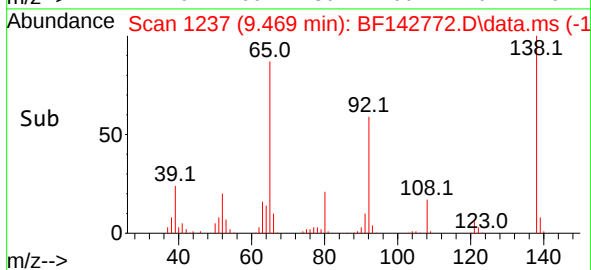
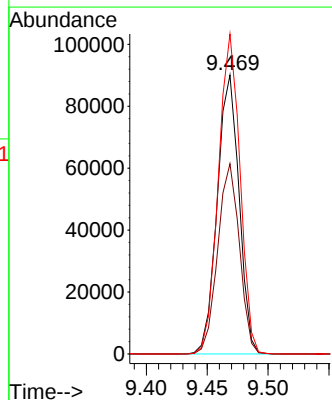
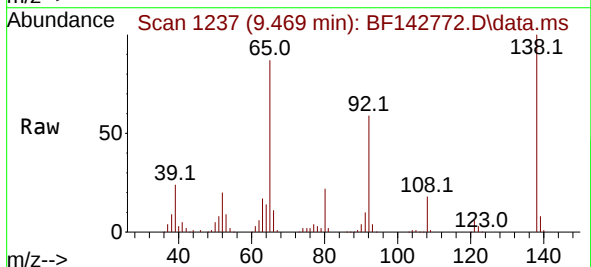
Tgt Ion: 65 Resp: 112388

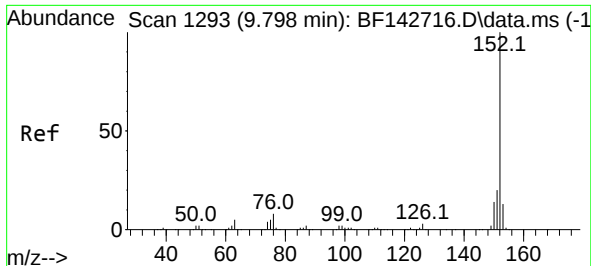
Ion Ratio Lower Upper

65 100

92 68.2 54.5 81.7

138 114.8 90.6 136.0





#49

Acenaphthylene

Concen: 38.428 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

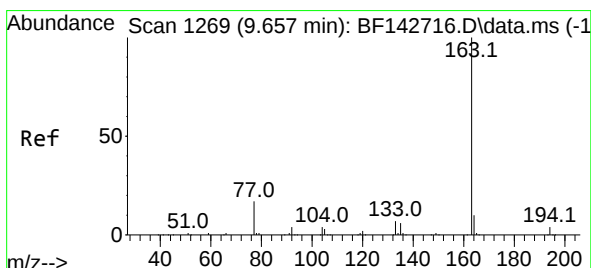
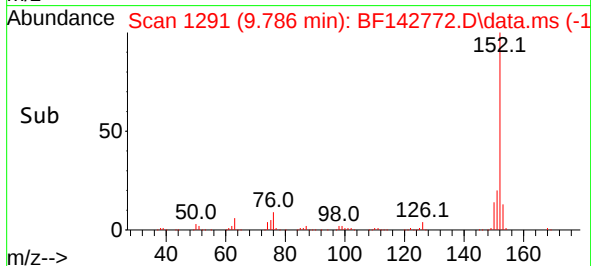
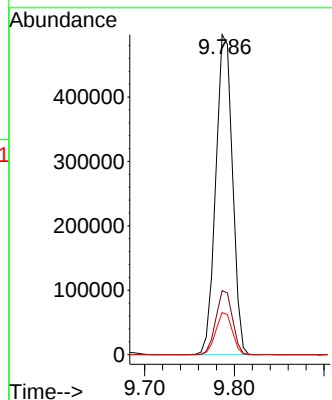
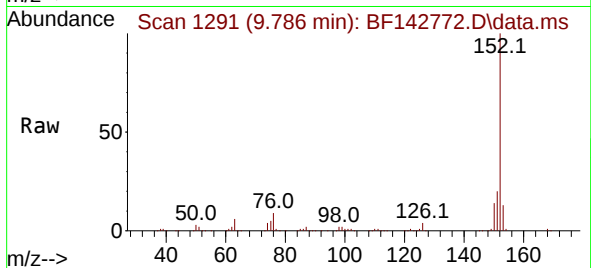
Tgt Ion:152 Resp: 643197

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 38.122 ng

RT: 9.645 min Scan# 1267

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

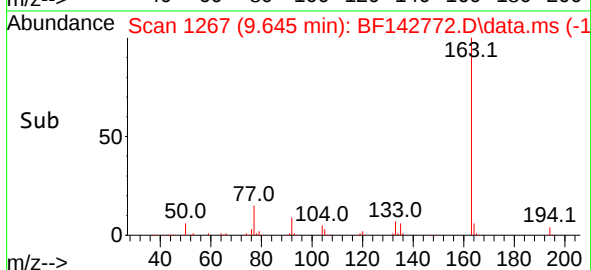
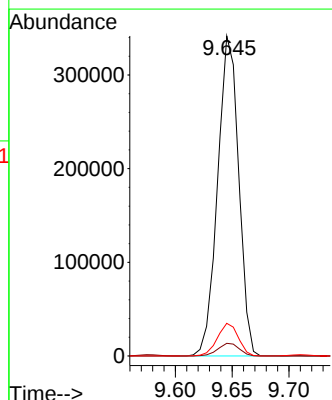
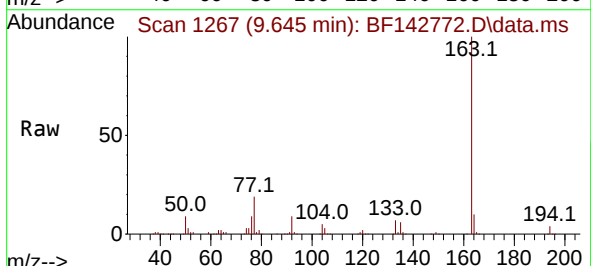
Tgt Ion:163 Resp: 441729

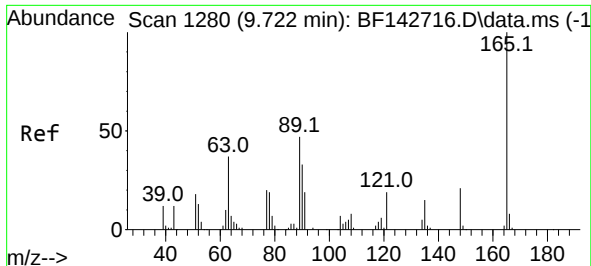
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 8.0 12.0

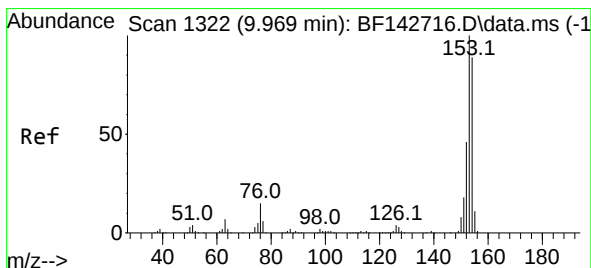
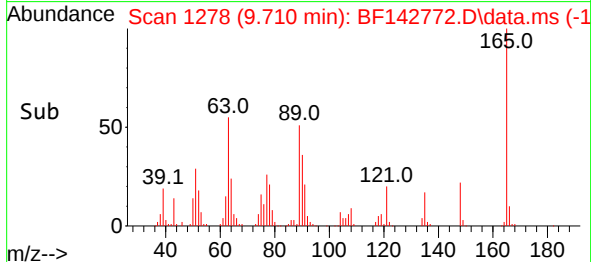
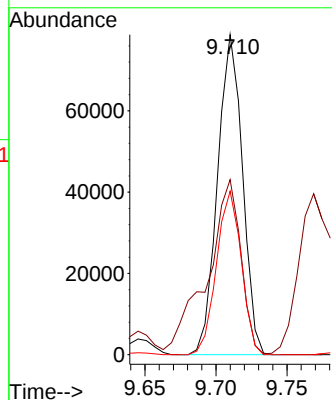
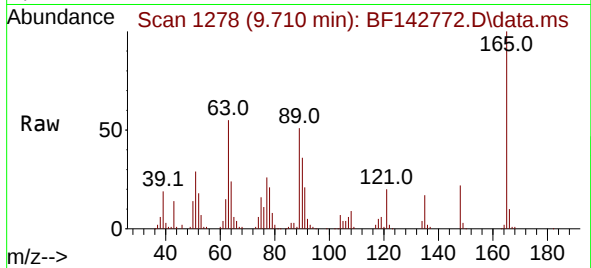




#51
2,6-Dinitrotoluene
Concen: 38.355 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

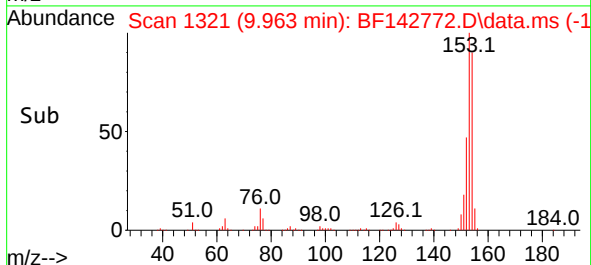
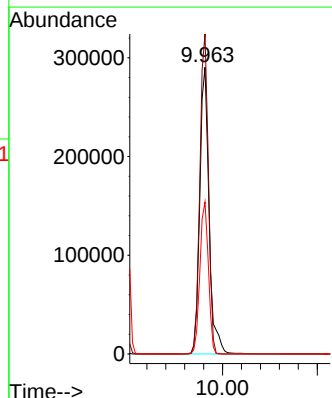
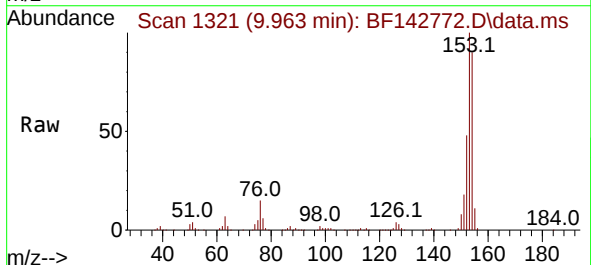
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

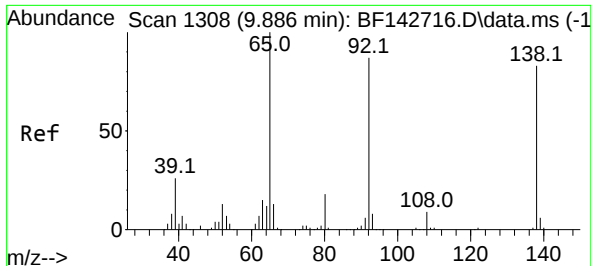
Tgt Ion:165 Resp: 96052
Ion Ratio Lower Upper
165 100
63 54.7 40.6 60.8
89 51.1 37.6 56.4



#52
Acenaphthene
Concen: 38.057 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:154 Resp: 394938
Ion Ratio Lower Upper
154 100
153 111.6 90.1 135.1
152 53.0 41.9 62.9

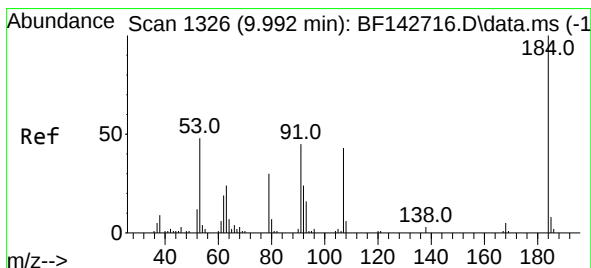
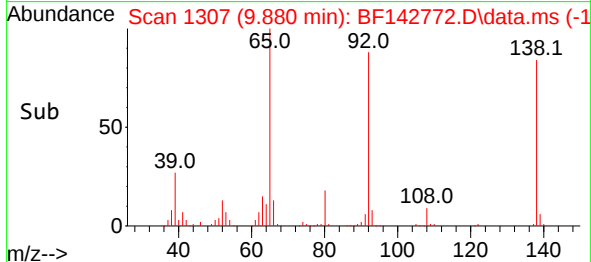
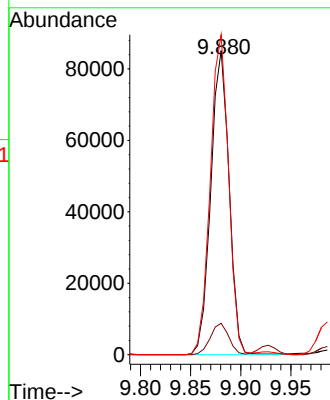
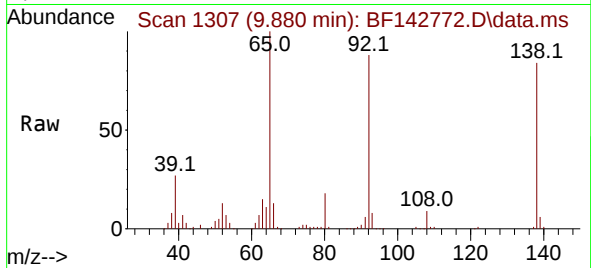




#53
3-Nitroaniline
Concen: 39.705 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

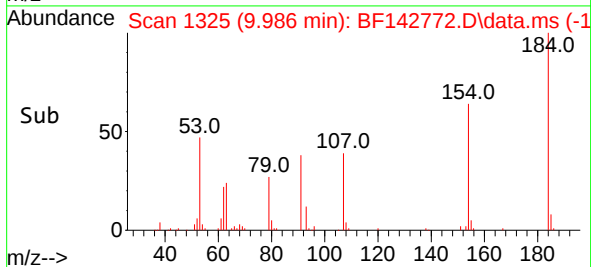
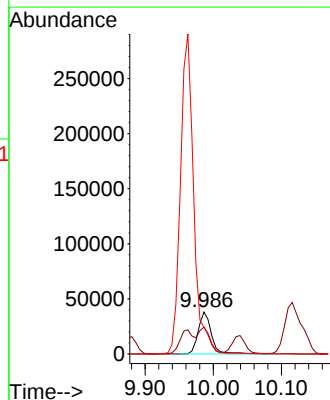
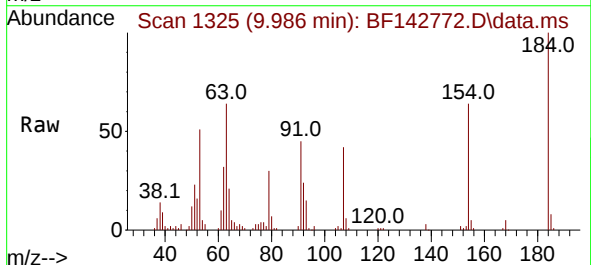
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

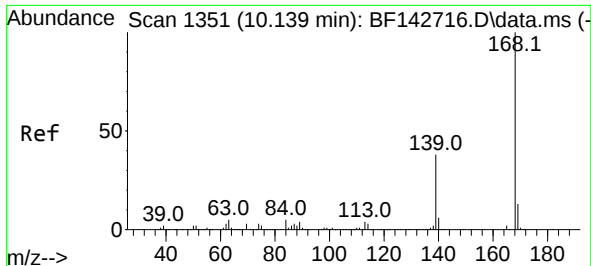
Tgt Ion:138 Resp: 107851
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 105.2 84.6 127.0



#54
2,4-Dinitrophenol
Concen: 37.024 ng
RT: 9.986 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:184 Resp: 50790
Ion Ratio Lower Upper
184 100
63 64.0 51.7 77.5
154 63.6 60.1 90.1

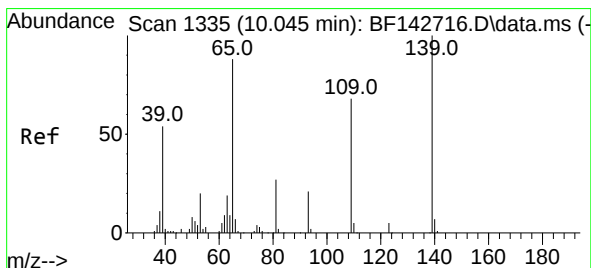
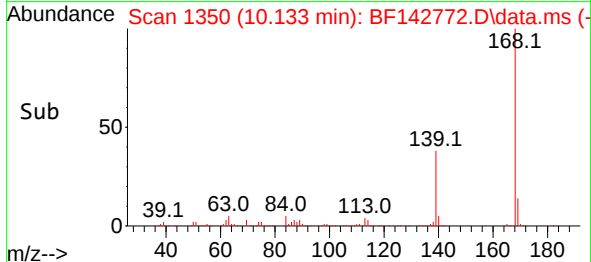
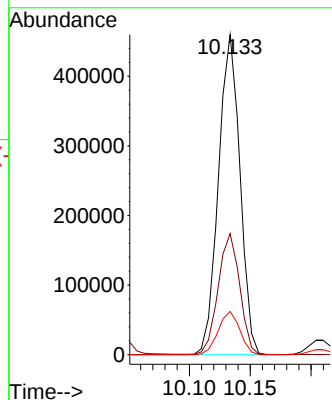
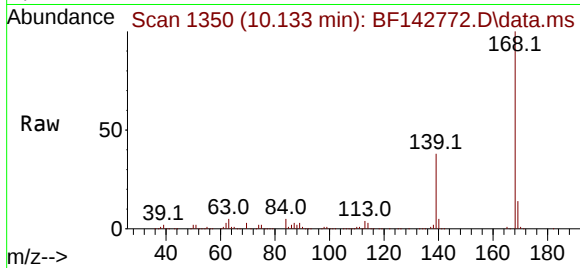




#55
Dibenzenofuran
Concen: 38.228 ng
RT: 10.133 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

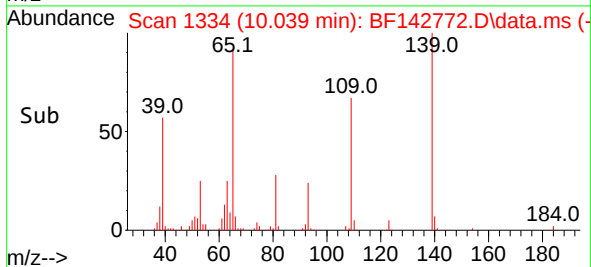
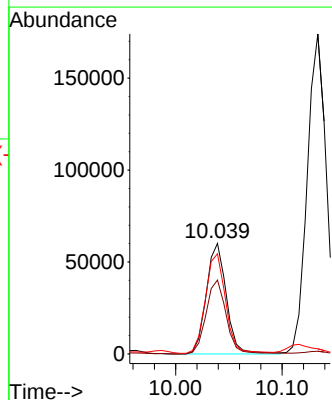
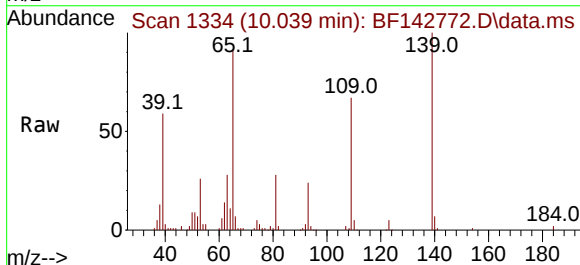
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

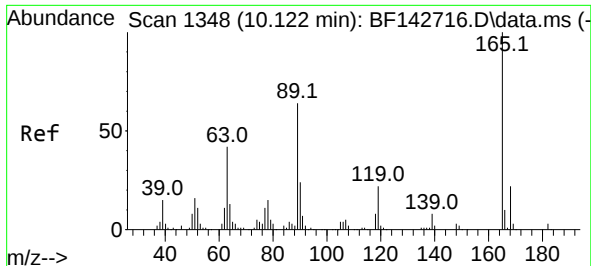
Tgt Ion:168 Resp: 564917
Ion Ratio Lower Upper
168 100
139 37.9 30.9 46.3
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 42.767 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:139 Resp: 78789
Ion Ratio Lower Upper
139 100
109 66.8 47.5 87.5
65 90.5 69.2 109.2

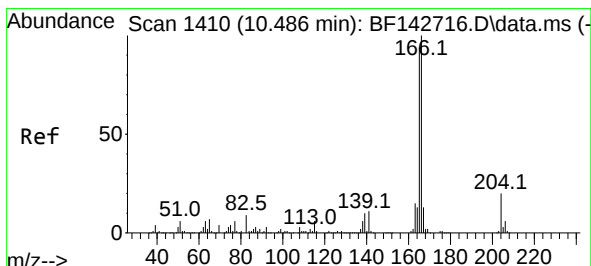
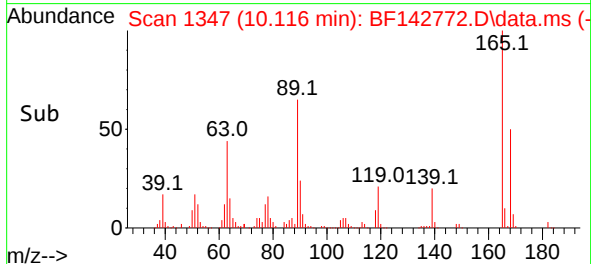
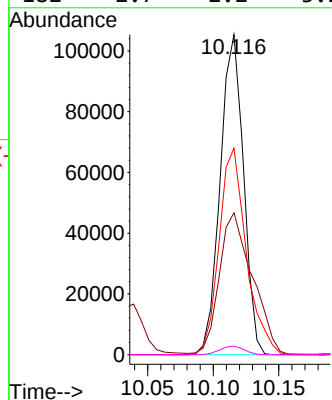
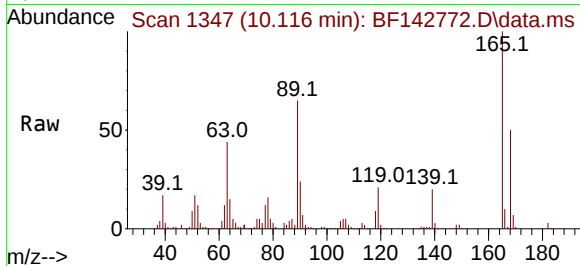




#57
2,4-Dinitrotoluene
Concen: 39.267 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

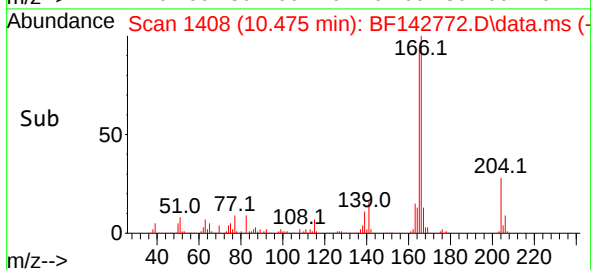
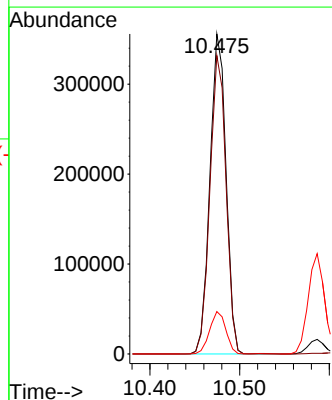
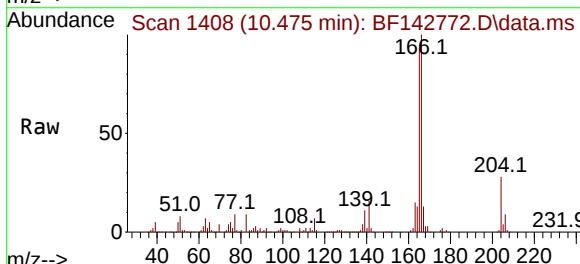
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

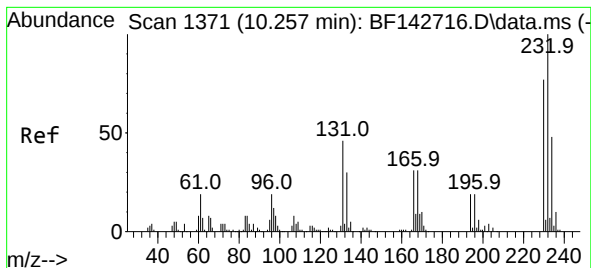
Tgt Ion:165 Resp: 130019
Ion Ratio Lower Upper
165 100
63 44.4 34.1 51.1
89 64.6 50.8 76.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 38.003 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:166 Resp: 443483
Ion Ratio Lower Upper
166 100
165 93.3 74.9 112.3
167 13.3 10.7 16.1

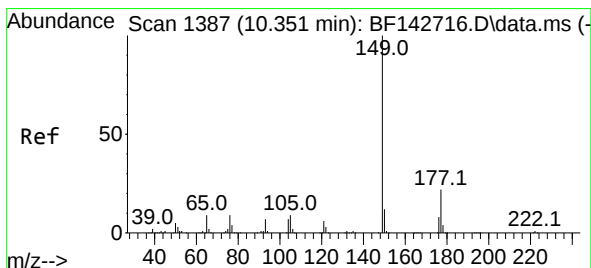
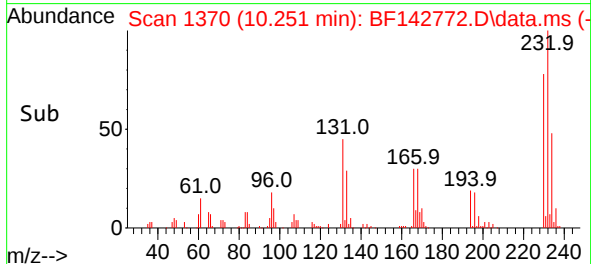
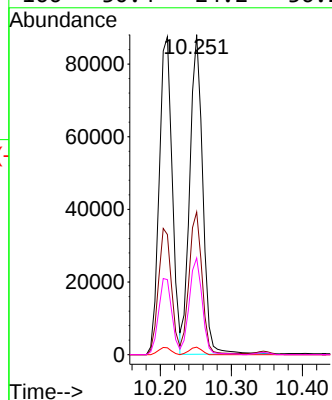
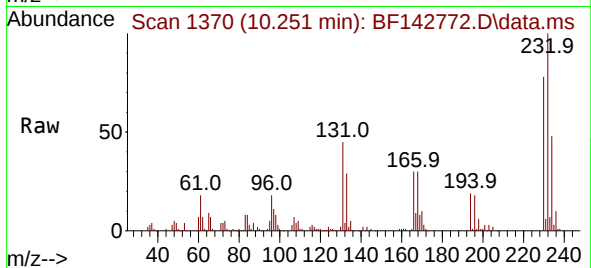




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.761 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

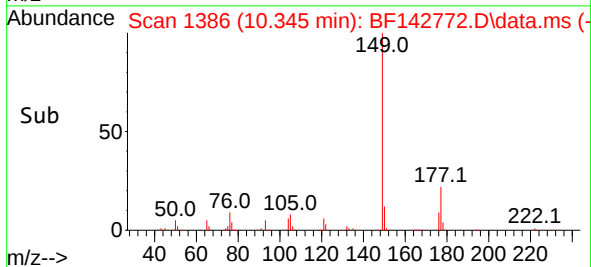
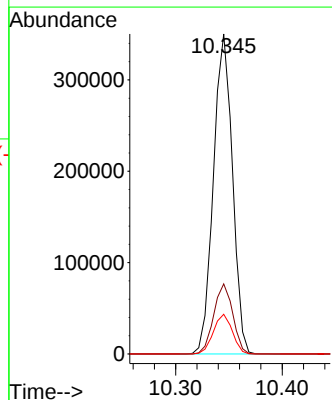
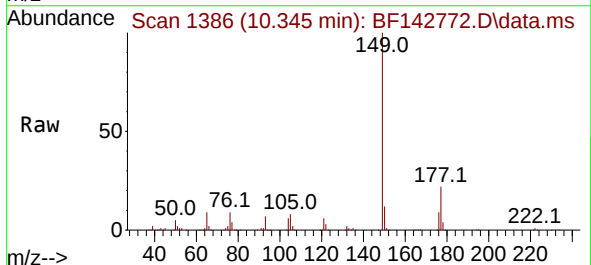
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

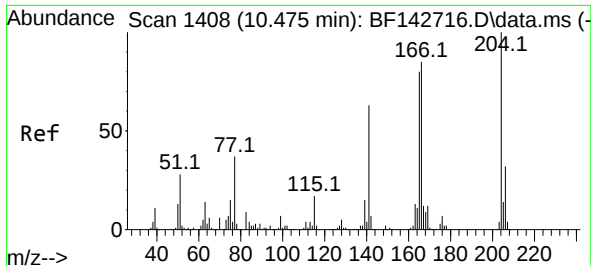
Tgt Ion:232 Resp: 111545
Ion Ratio Lower Upper
232 100
131 45.2 35.8 53.8
130 2.3 1.8 2.6
166 30.4 24.2 36.2



#60
Diethylphthalate
Concen: 37.735 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:149 Resp: 433566
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.0
150 12.4 10.0 15.0

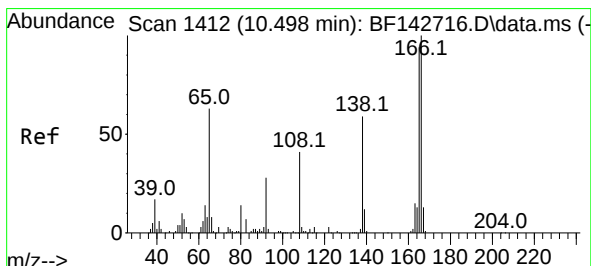
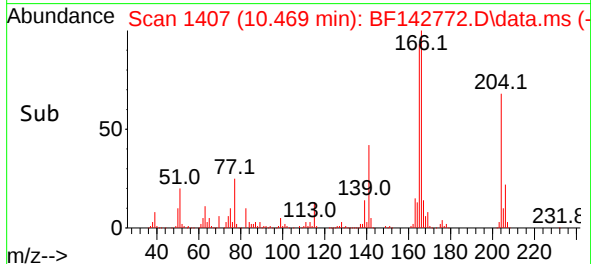
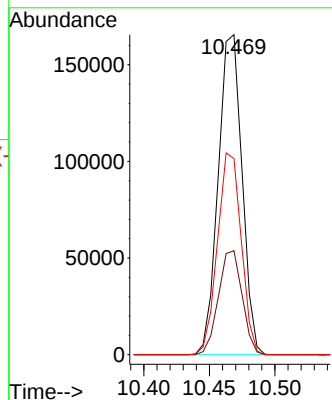
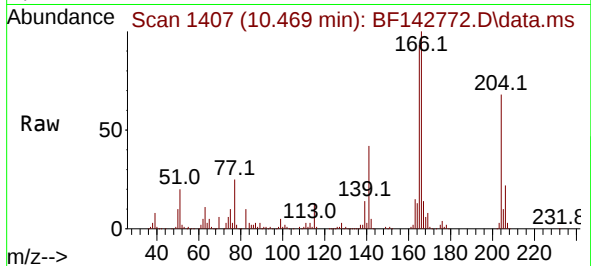




#61
4-Chlorophenyl-phenylether
Concen: 36.710 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

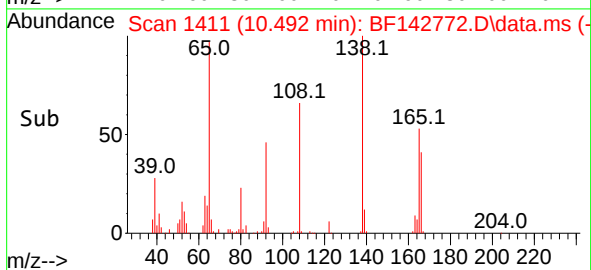
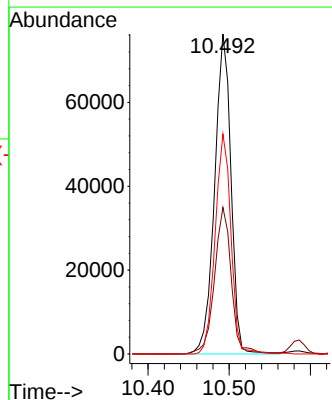
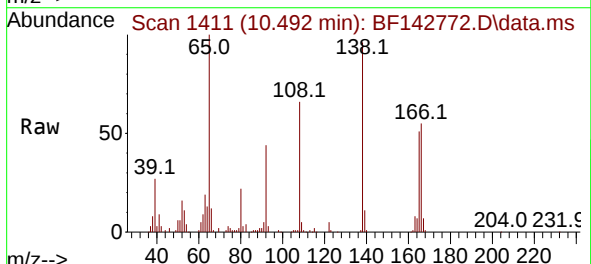
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

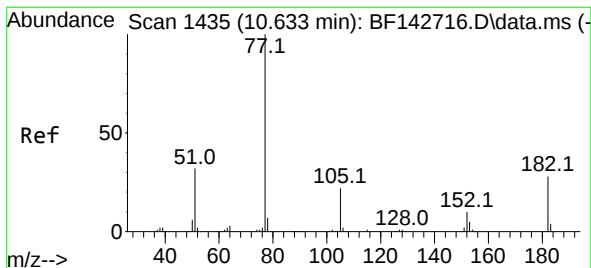
Tgt Ion:204 Resp: 209215
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 61.3 50.2 75.4



#62
4-Nitroaniline
Concen: 44.056 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:138 Resp: 107060
Ion Ratio Lower Upper
138 100
92 45.8 27.2 67.2
108 68.7 49.9 89.9





#63

Azobenzene

Concen: 37.984 ng

RT: 10.627 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 381154

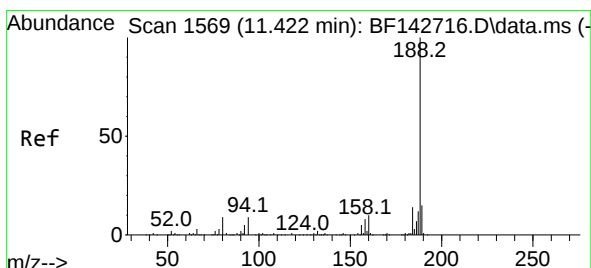
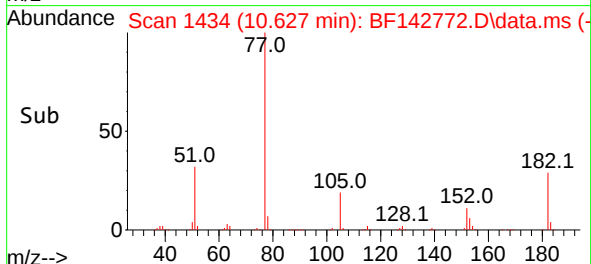
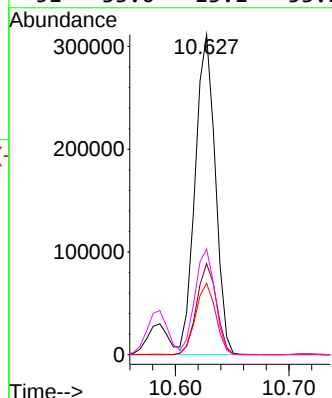
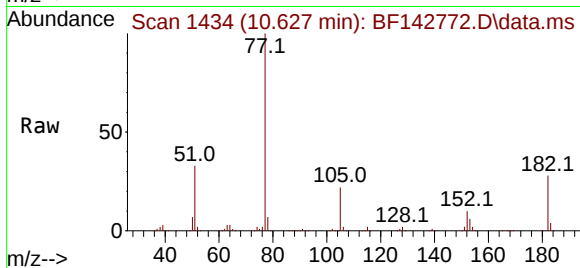
Ion Ratio Lower Upper

77 100

182 28.4 7.8 47.8

105 22.3 1.9 41.9

51 33.0 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

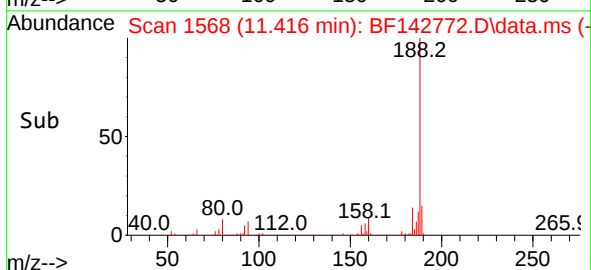
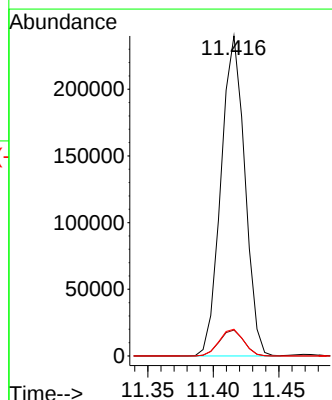
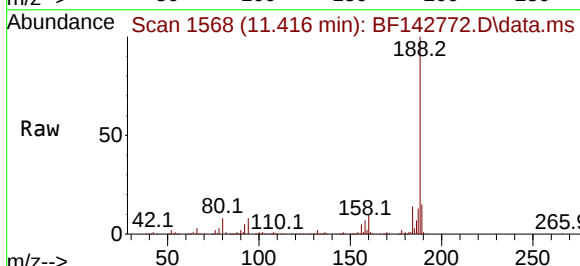
Tgt Ion:188 Resp: 303610

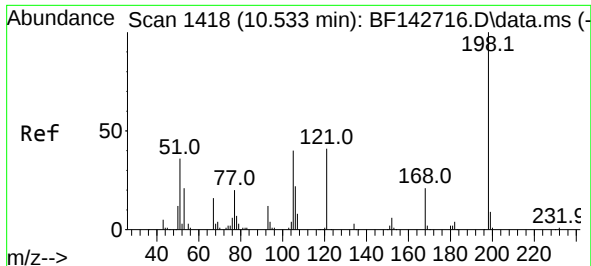
Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 8.3 7.1 10.7

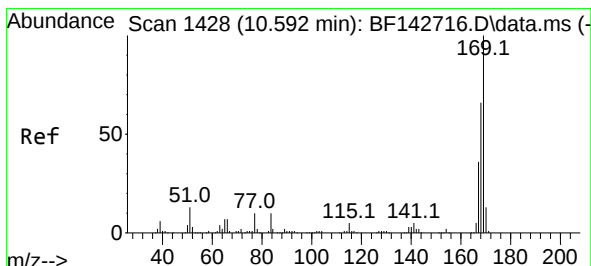
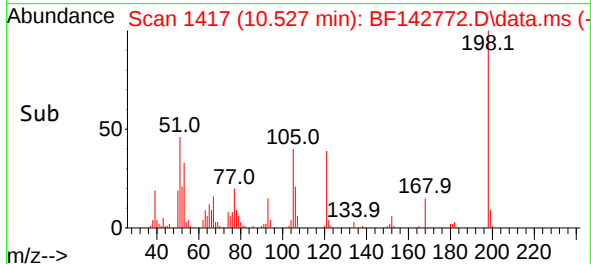
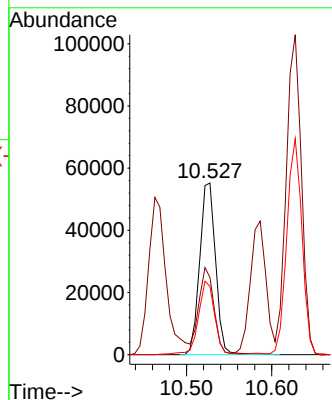
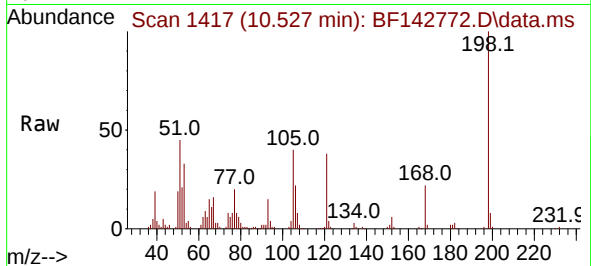




#65
4,6-Dinitro-2-methylphenol
Concen: 37.734 ng
RT: 10.527 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

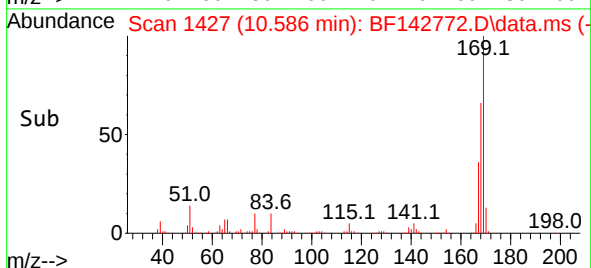
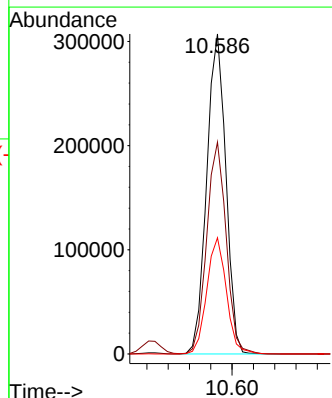
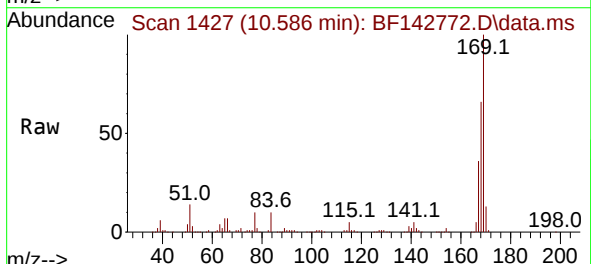
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

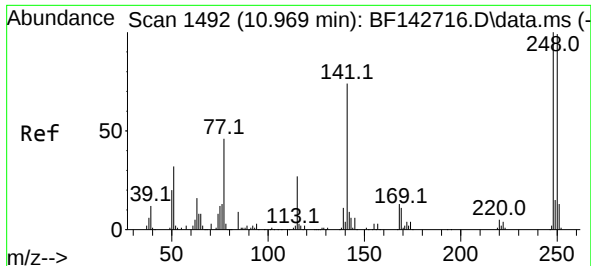
Tgt Ion:198 Resp: 71742
Ion Ratio Lower Upper
198 100
51 45.0 25.5 65.5
105 39.7 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 36.725 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:169 Resp: 383267
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.4
167 36.3 28.7 43.1

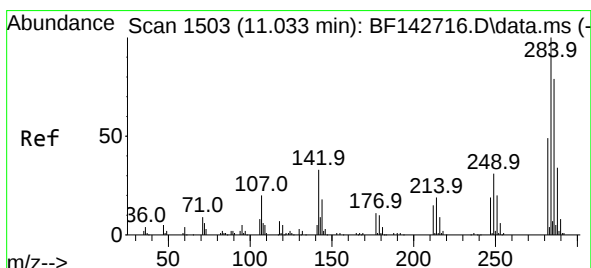
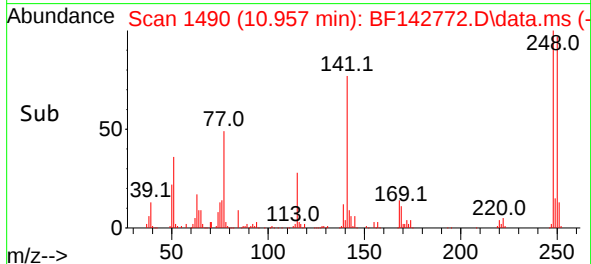
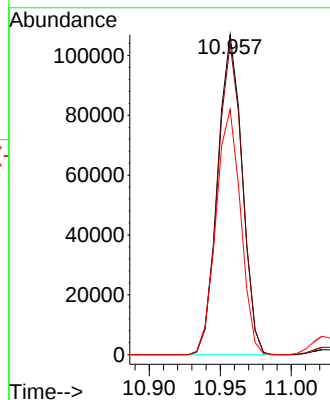
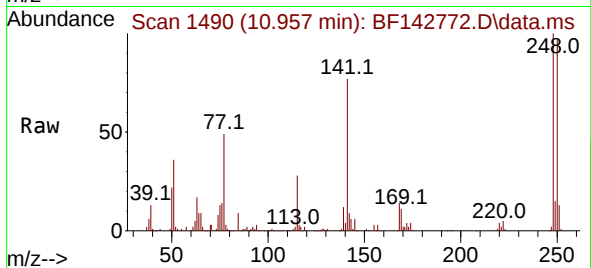




#67
4-Bromophenyl-phenylether
Concen: 35.847 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

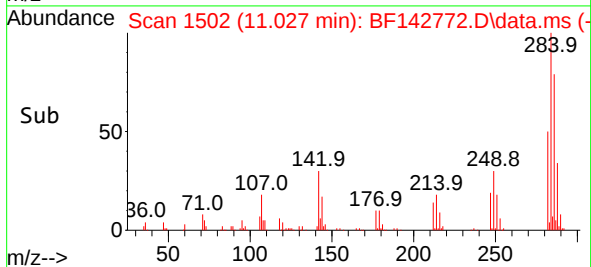
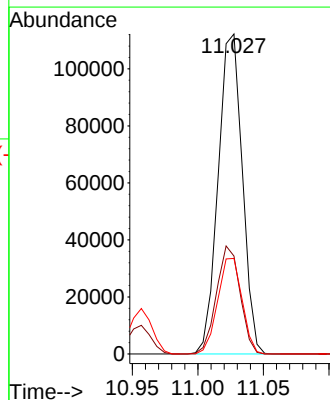
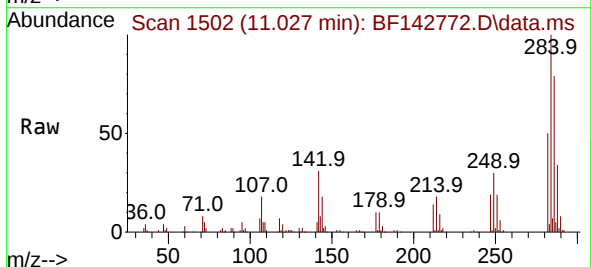
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

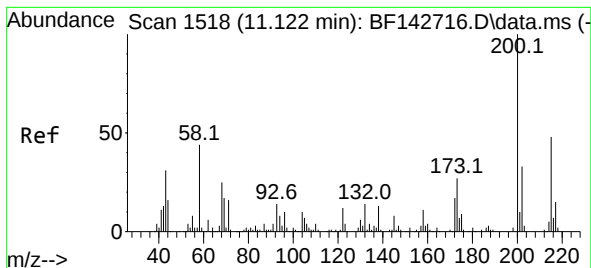
Tgt Ion:248 Resp: 128466
Ion Ratio Lower Upper
248 100
250 97.3 79.2 118.8
141 76.6 59.3 88.9



#68
Hexachlorobenzene
Concen: 36.101 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:284 Resp: 143611
Ion Ratio Lower Upper
284 100
142 30.6 26.0 39.0
249 29.9 24.6 37.0





#69

Atrazine

Concen: 41.561 ng

RT: 11.110 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

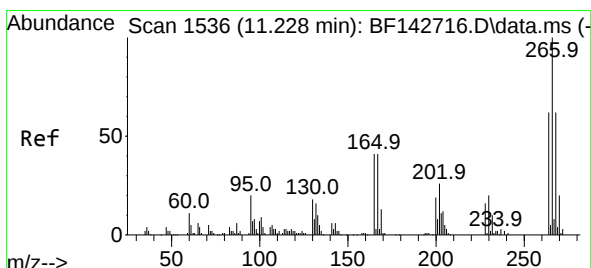
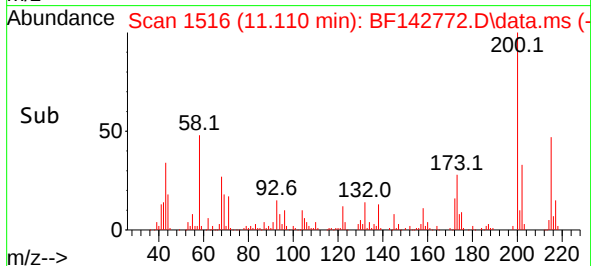
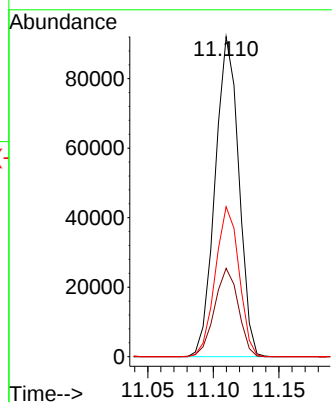
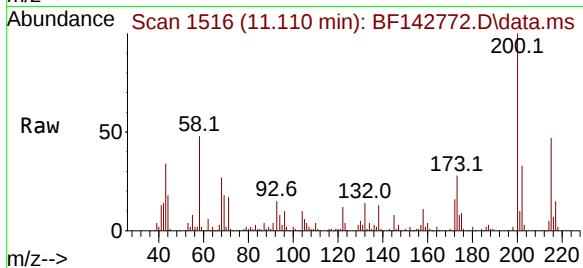
Tgt Ion:200 Resp: 115638

Ion Ratio Lower Upper

200 100

173 27.6 7.4 47.4

215 46.8 28.2 68.2



#70

Pentachlorophenol

Concen: 37.985 ng

RT: 11.222 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

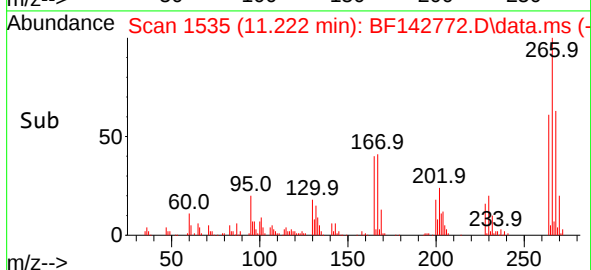
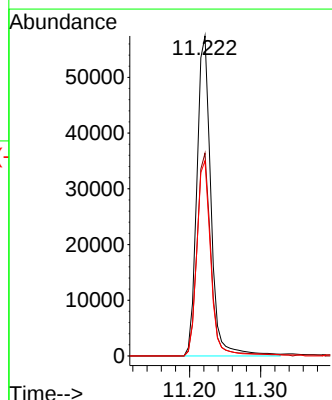
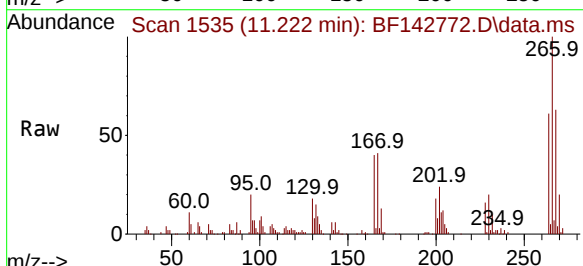
Tgt Ion:266 Resp: 79210

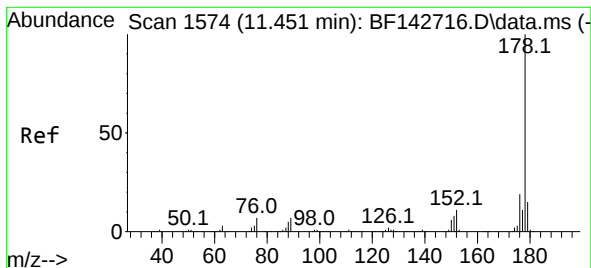
Ion Ratio Lower Upper

266 100

268 63.4 49.6 74.4

264 61.0 49.5 74.3





#71

Phenanthrene

Concen: 38.007 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

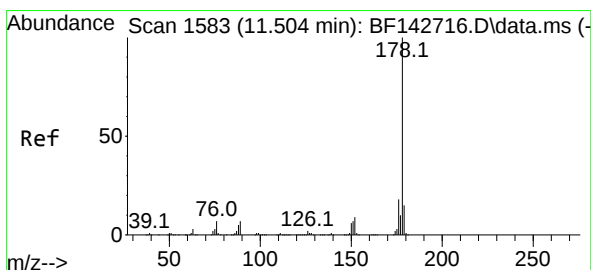
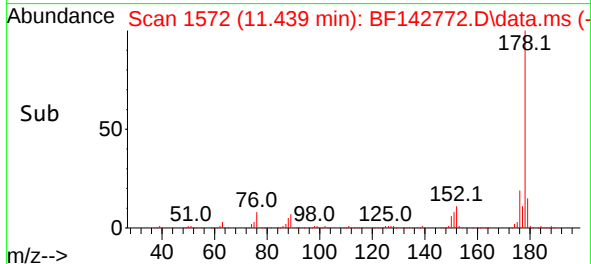
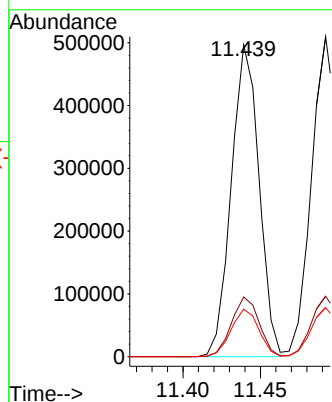
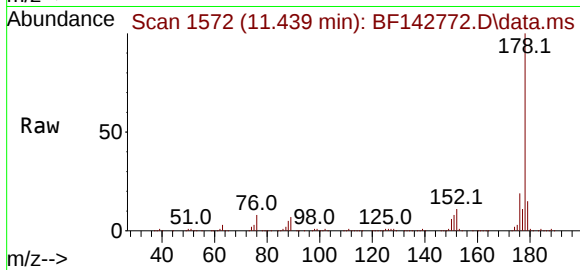
Tgt Ion:178 Resp: 618197

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 37.623 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

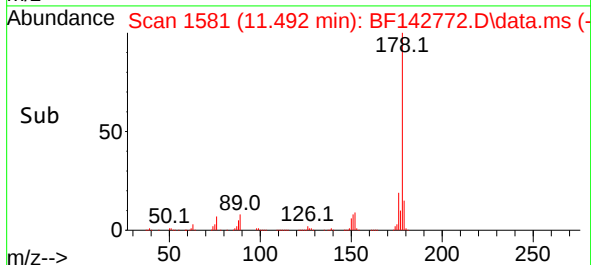
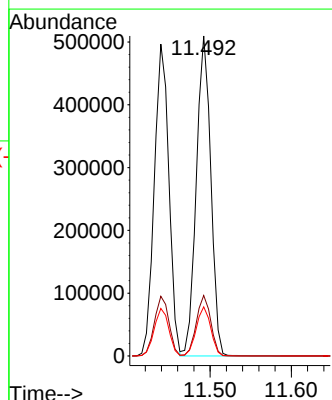
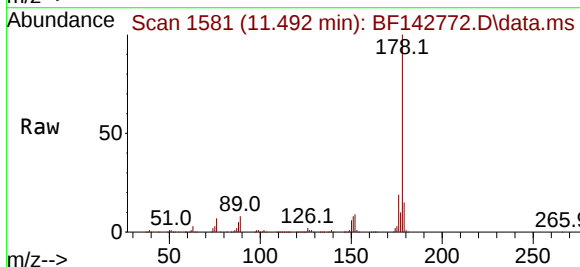
Tgt Ion:178 Resp: 633056

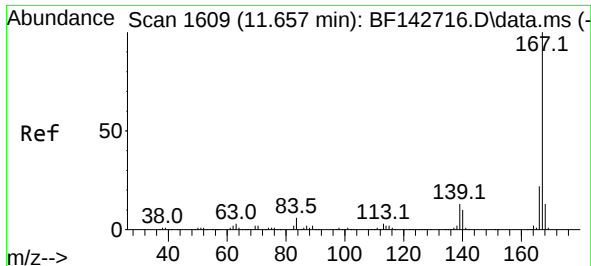
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 15.4 12.2 18.2

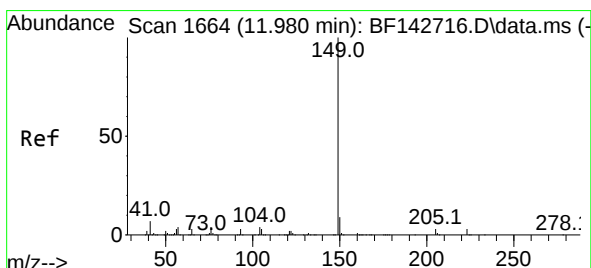
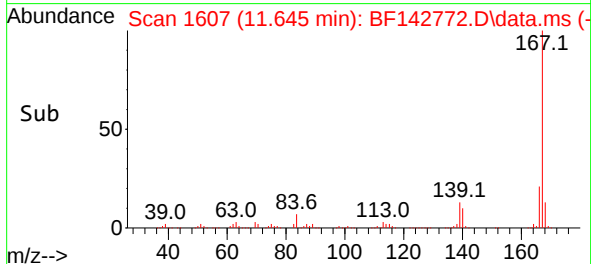
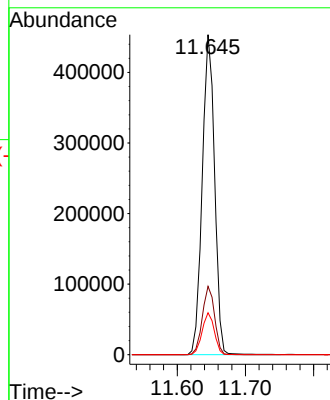
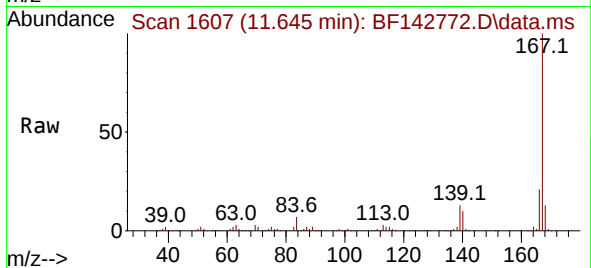




#73
Carbazole
Concen: 40.471 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

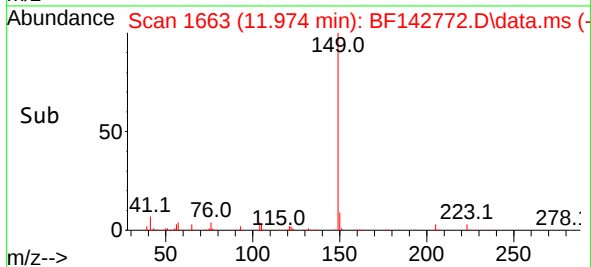
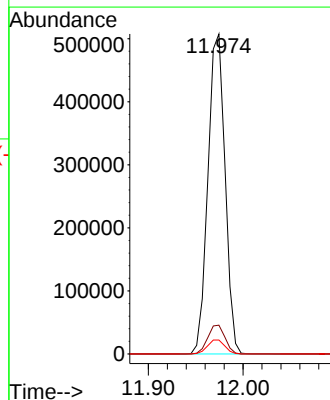
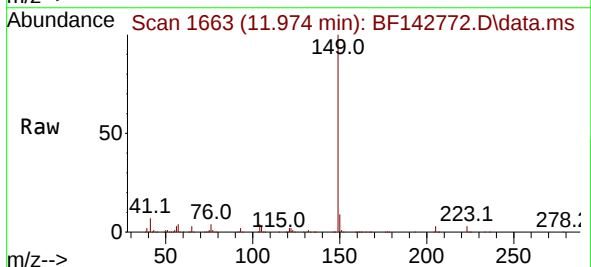
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

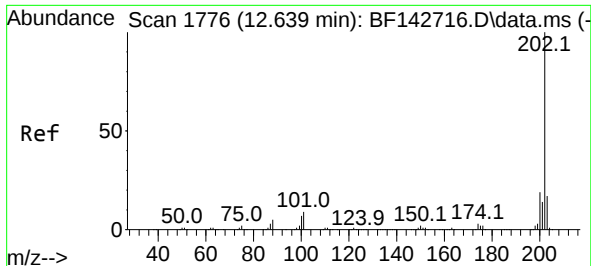
Tgt Ion:167 Resp: 570091
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 13.1 10.2 15.4



#74
Di-n-butylphthalate
Concen: 40.587 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:149 Resp: 638393
Ion Ratio Lower Upper
149 100
150 9.0 7.2 10.8
104 4.4 3.4 5.2

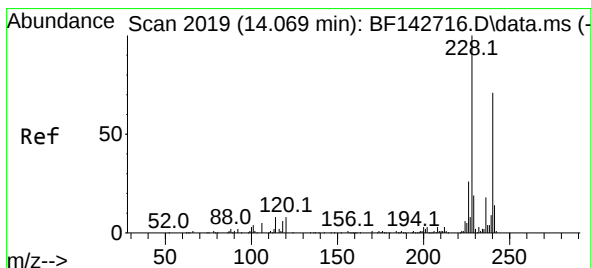
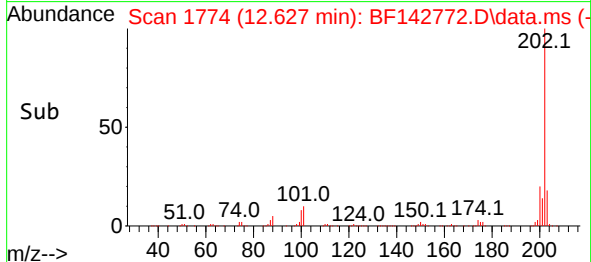
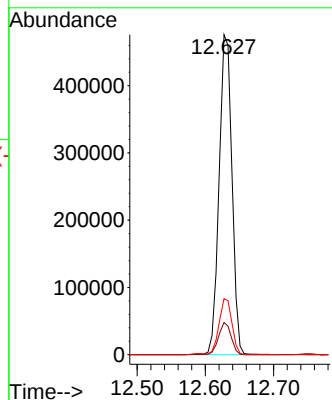
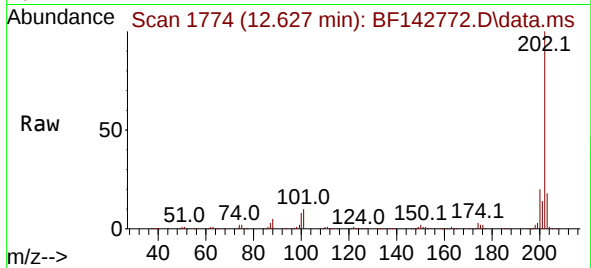




#75
Fluoranthene
Concen: 40.444 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

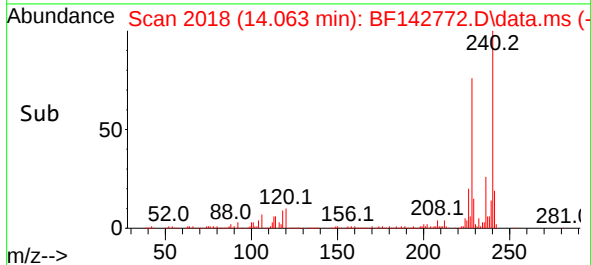
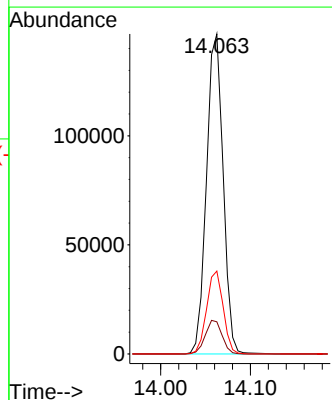
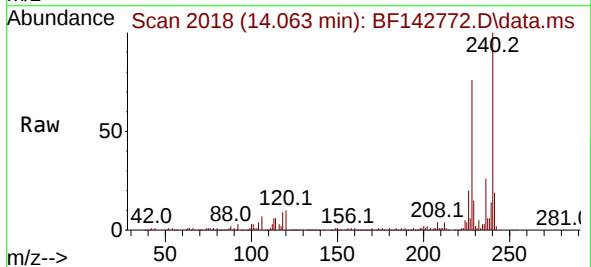
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

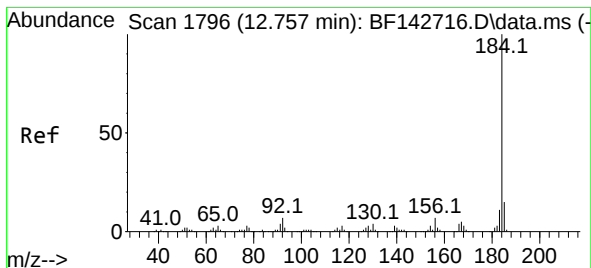
Tgt Ion:202 Resp: 625532
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.5
203 17.5 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:240 Resp: 189006
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.9 20.1 30.1





#77

Benzidine

Concen: 44.099 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

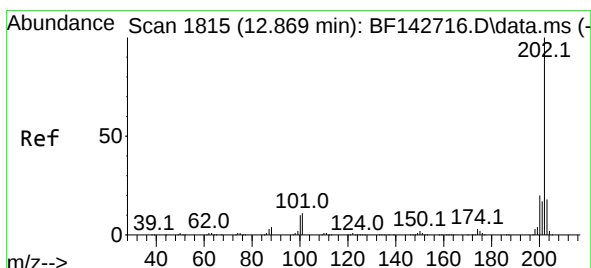
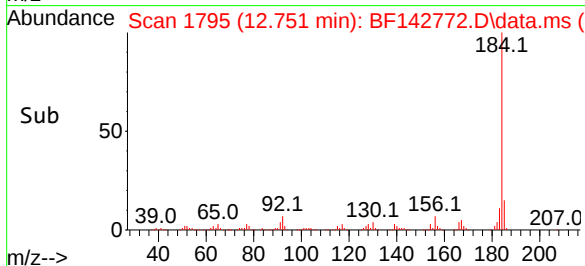
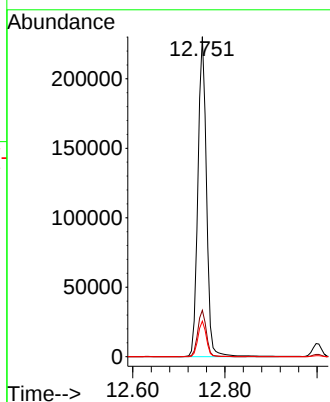
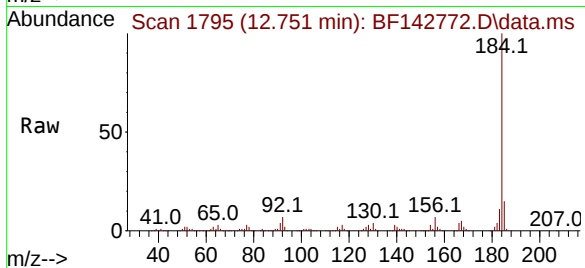
Tgt Ion:184 Resp: 296841

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 11.1 8.6 12.8



#78

Pyrene

Concen: 35.827 ng

RT: 12.863 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

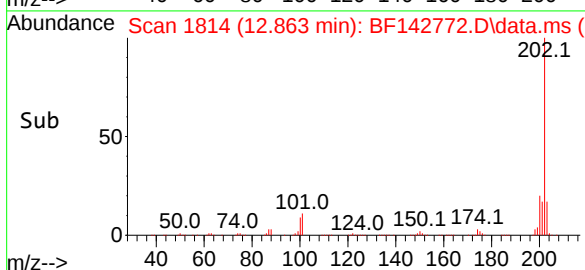
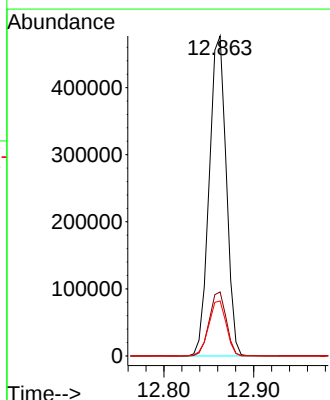
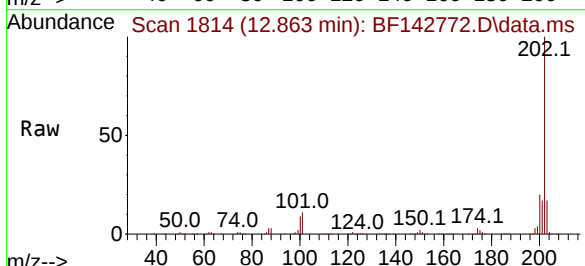
Tgt Ion:202 Resp: 629275

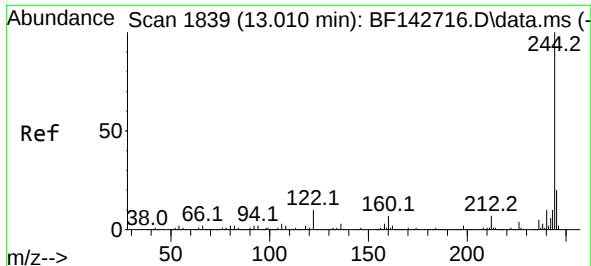
Ion Ratio Lower Upper

202 100

200 20.0 15.8 23.8

203 17.2 14.1 21.1

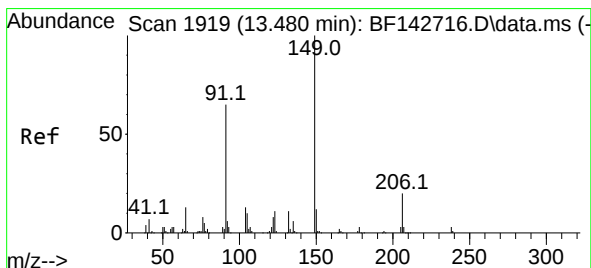
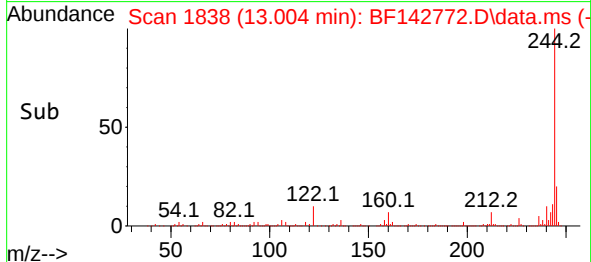
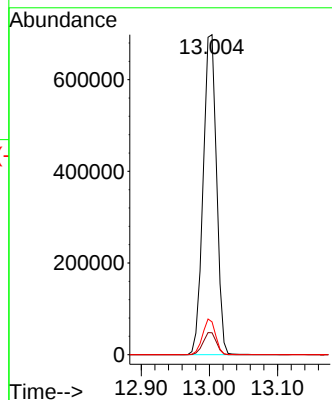
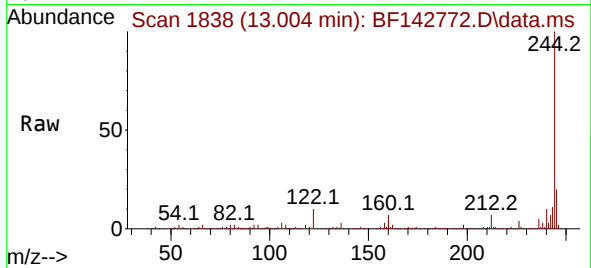




#79
 Terphenyl-d14
 Concen: 69.173 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142772.D
 Acq: 18 Jun 2025 11:48

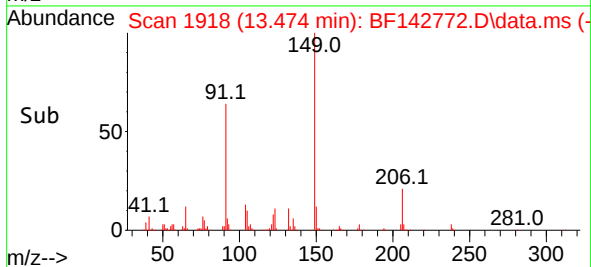
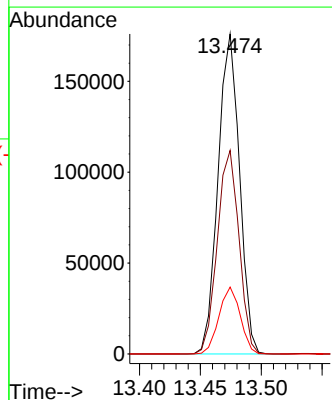
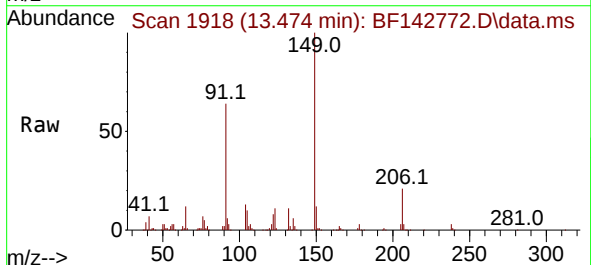
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

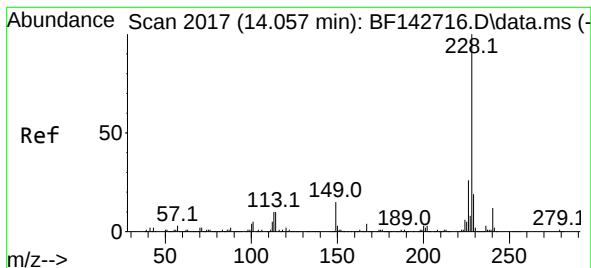
Tgt Ion:244 Resp: 951931
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.2 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 41.636 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF142772.D
 Acq: 18 Jun 2025 11:48

Tgt Ion:149 Resp: 216258
 Ion Ratio Lower Upper
 149 100
 91 63.6 52.3 78.5
 206 20.9 16.0 24.0





#81

Benzo(a)anthracene

Concen: 38.791 ng

RT: 14.051 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

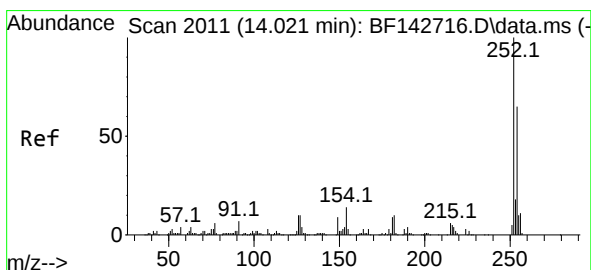
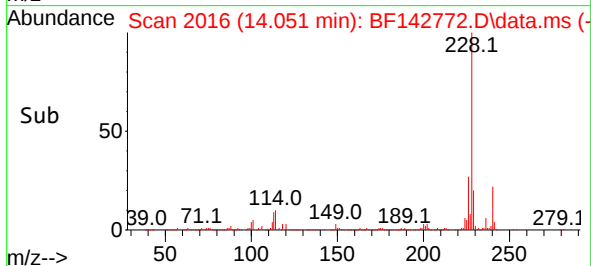
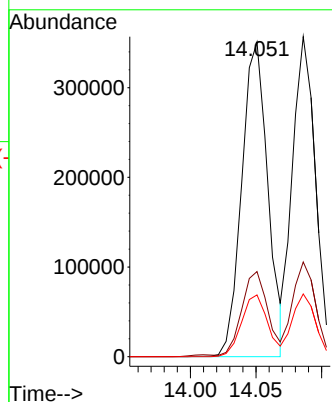
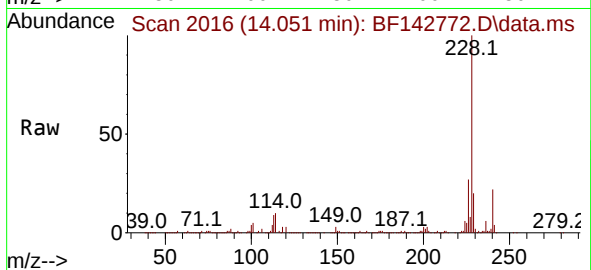
Tgt Ion:228 Resp: 485853

Ion Ratio Lower Upper

228 100

226 27.0 21.0 31.4

229 19.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 39.882 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

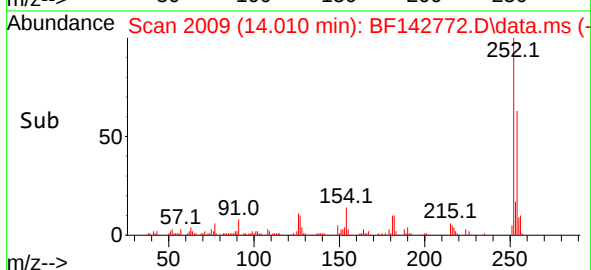
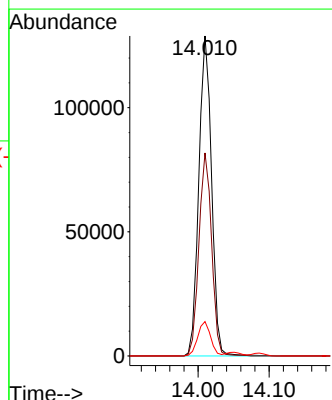
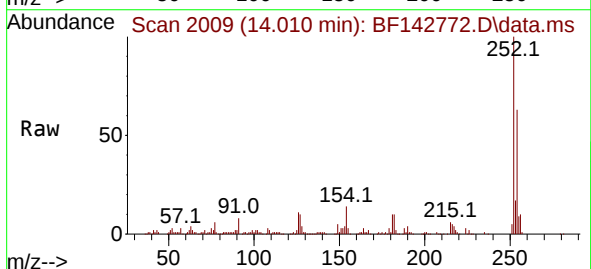
Tgt Ion:252 Resp: 161079

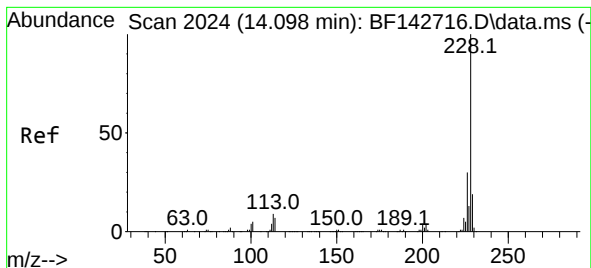
Ion Ratio Lower Upper

252 100

254 63.5 51.8 77.6

126 10.8 8.1 12.1





#83

Chrysene

Concen: 37.533 ng

RT: 14.086 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

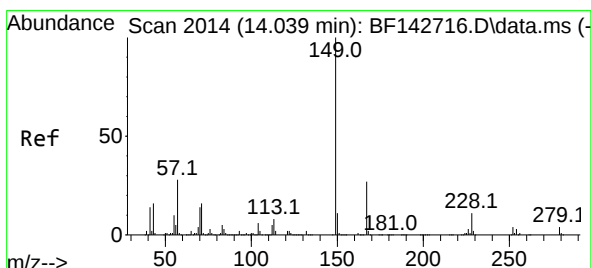
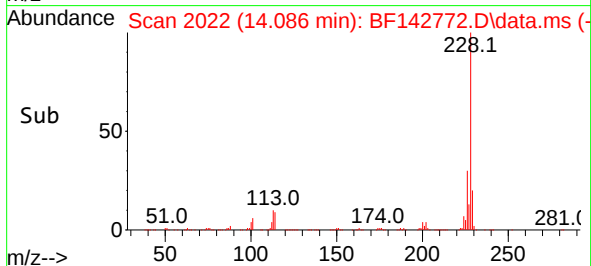
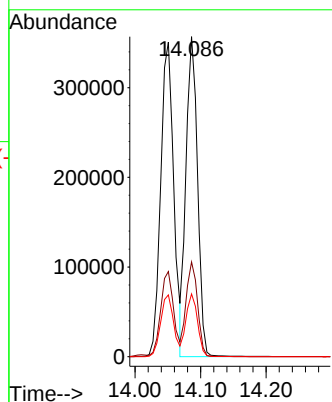
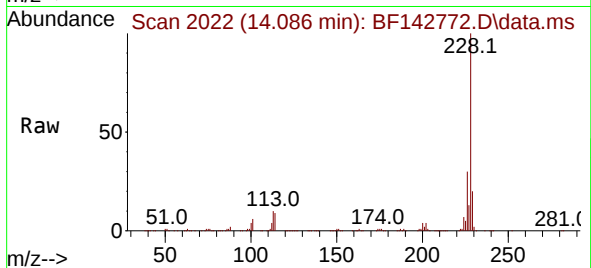
Tgt Ion:228 Resp: 434022

Ion Ratio Lower Upper

228 100

226 29.6 23.6 35.4

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.041 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

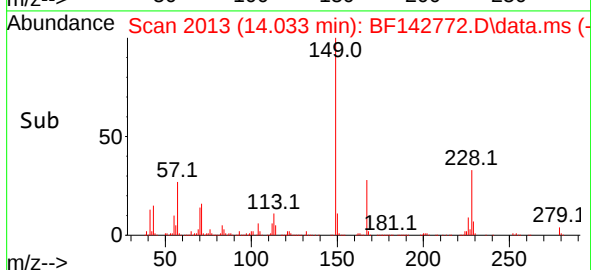
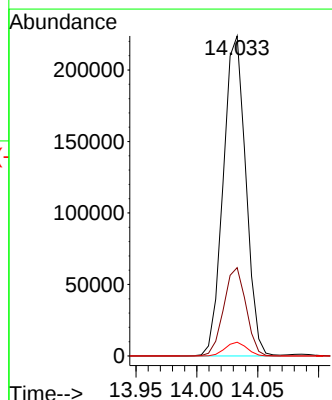
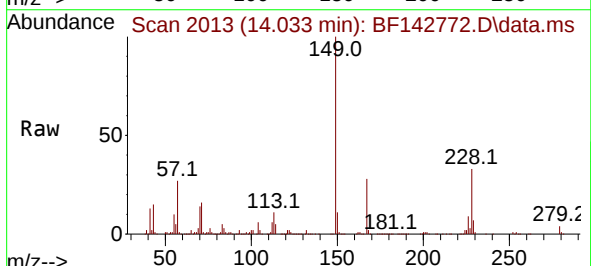
Tgt Ion:149 Resp: 288727

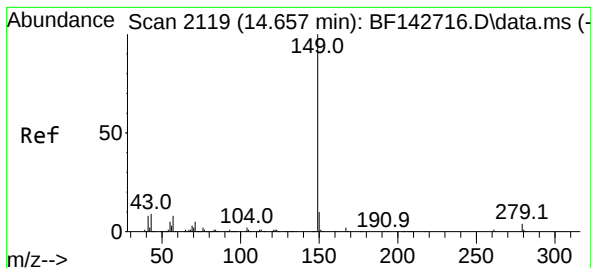
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.2

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 32.280 ng

RT: 14.645 min Scan# 2119

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

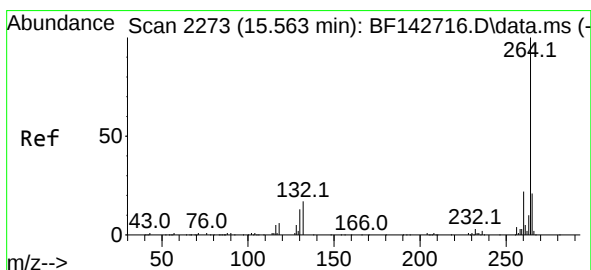
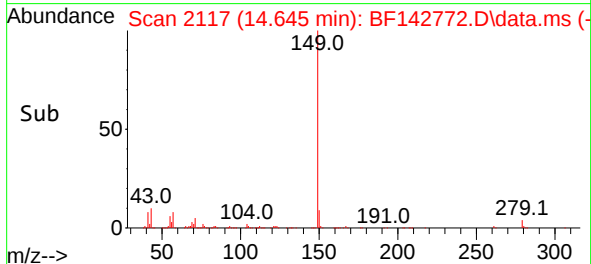
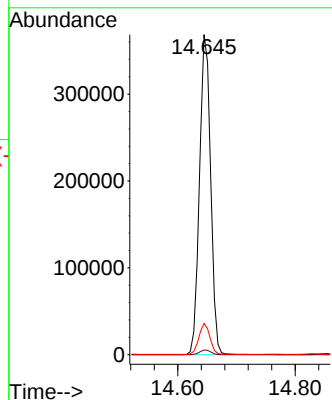
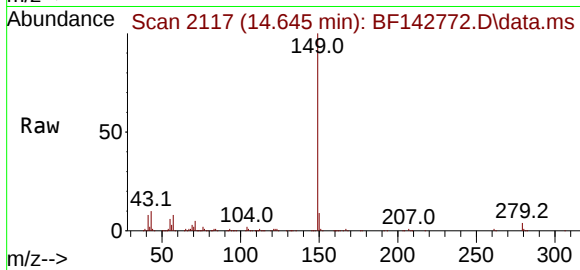
Tgt Ion:149 Resp: 482742

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.6 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

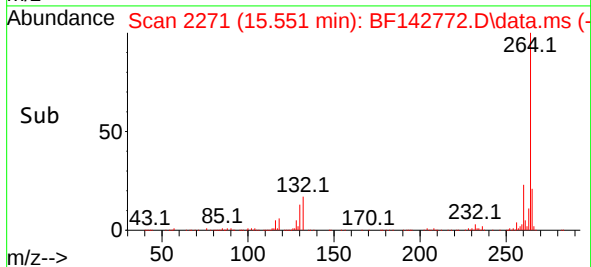
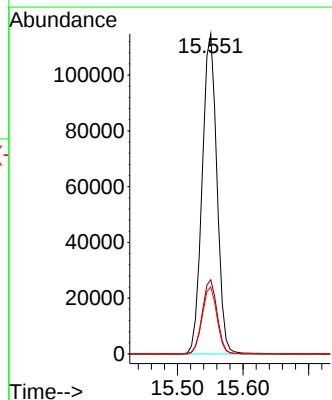
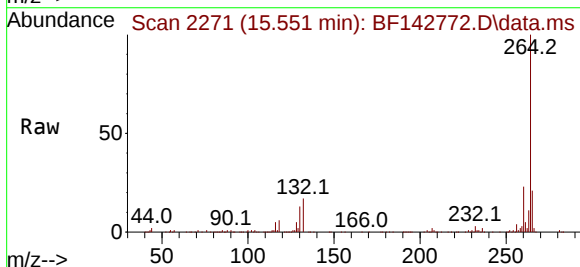
Tgt Ion:264 Resp: 179702

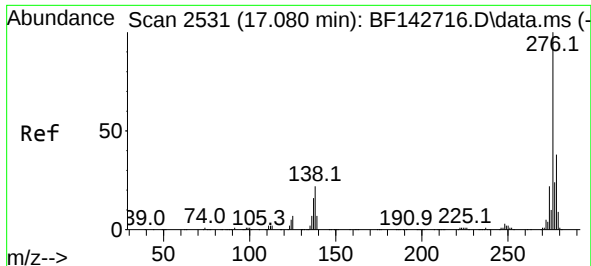
Ion Ratio Lower Upper

264 100

260 23.2 17.8 26.6

265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.400 ng

RT: 17.062 min Scan# 2196

Delta R.T. -0.018 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

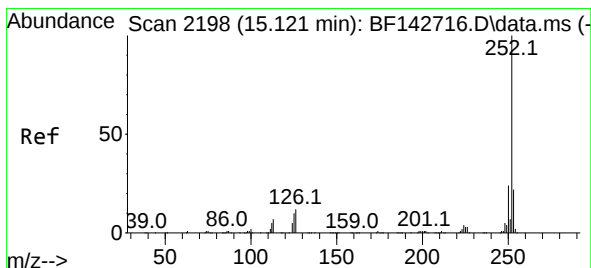
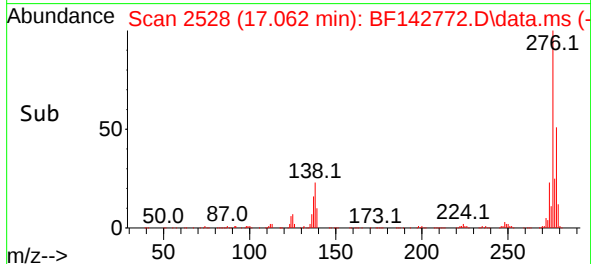
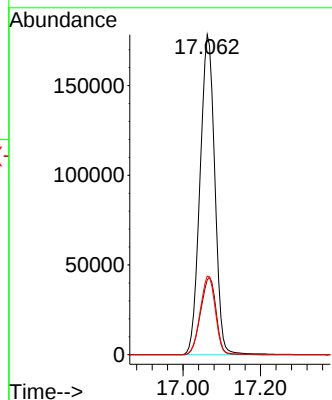
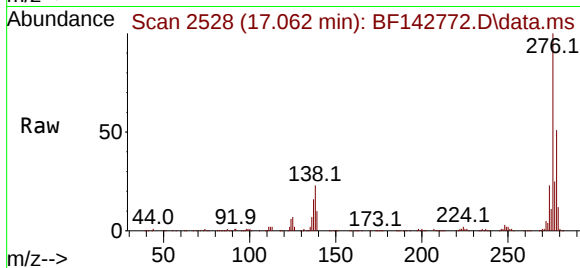
Tgt Ion:276 Resp: 471417

Ion Ratio Lower Upper

276 100

138 25.3 19.3 28.9

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.919 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF142772.D

Acq: 18 Jun 2025 11:48

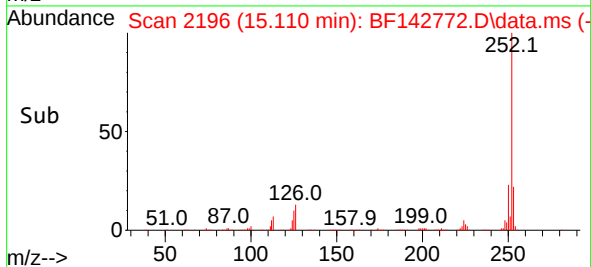
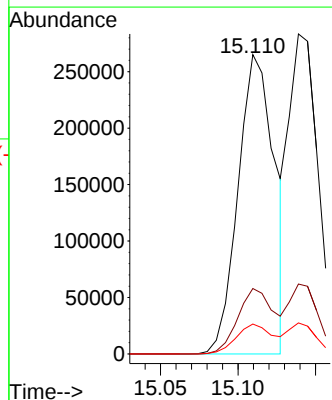
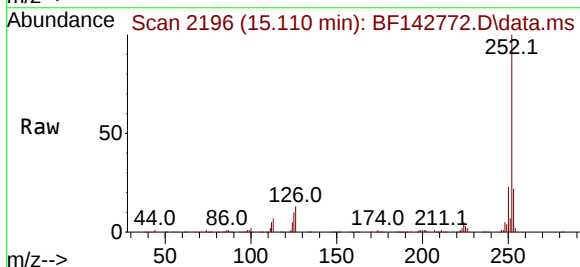
Tgt Ion:252 Resp: 432974

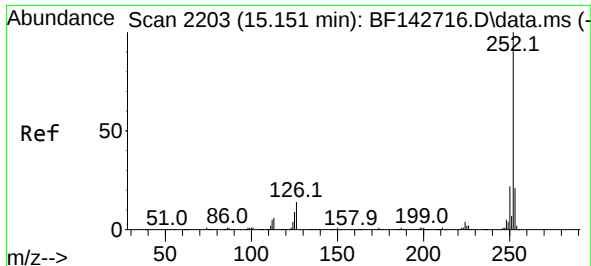
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.0 7.8 11.6

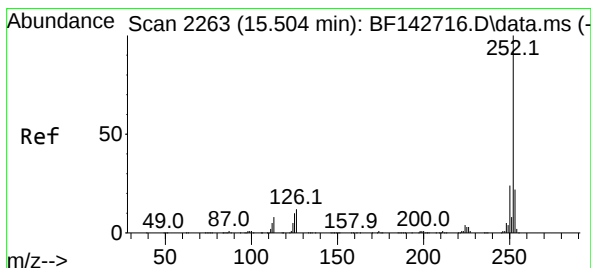
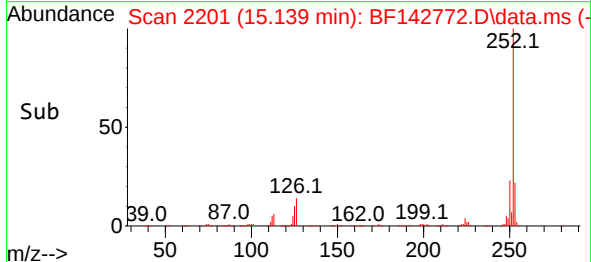
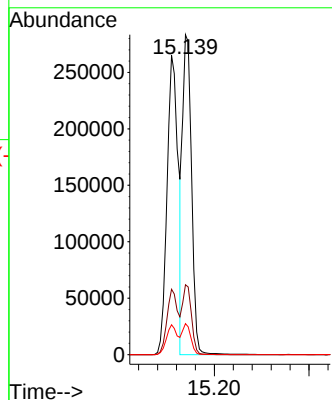
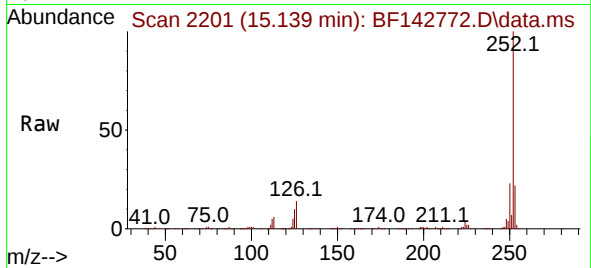




#89
Benzo(k)fluoranthene
Concen: 36.758 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

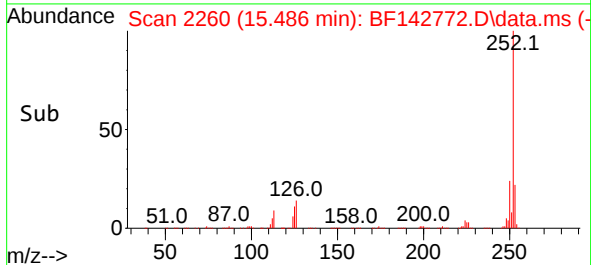
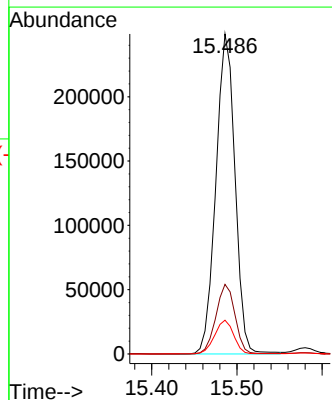
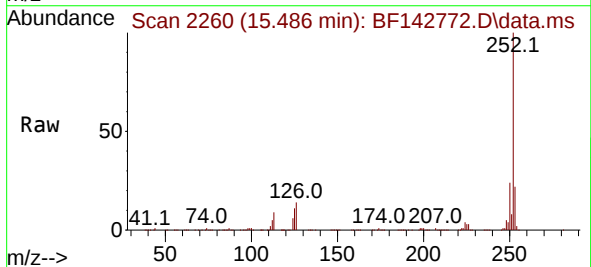
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

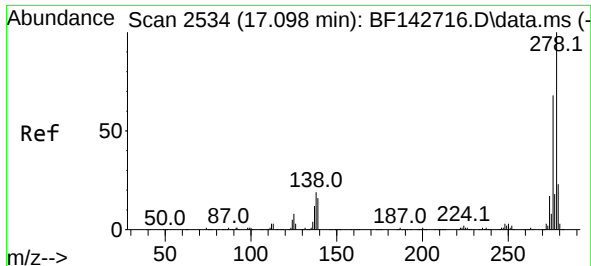
Tgt Ion:252 Resp: 377376
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.7 7.5 11.3



#90
Benzo(a)pyrene
Concen: 38.611 ng
RT: 15.486 min Scan# 2260
Delta R.T. -0.018 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:252 Resp: 388443
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.5 8.0 12.0

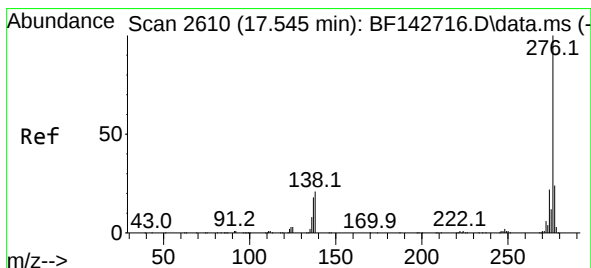
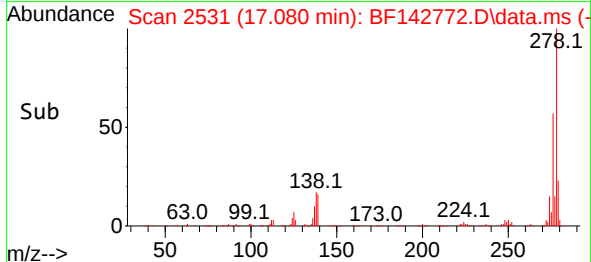
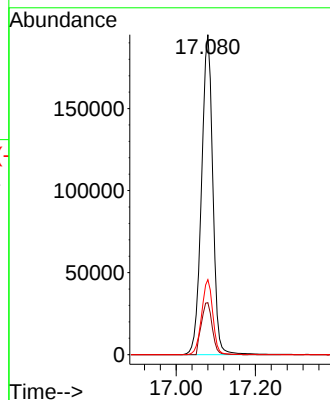
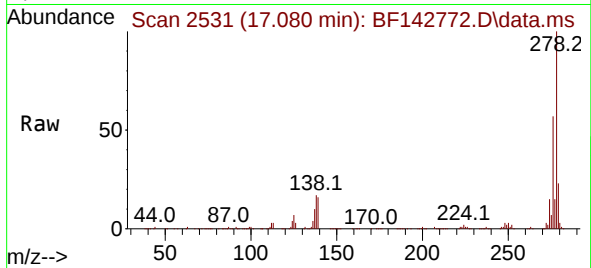




#91
Dibenzo(a,h)anthracene
Concen: 35.533 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 386372
Ion Ratio Lower Upper
278 100
139 16.3 12.8 19.2
279 23.4 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 34.789 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.024 min
Lab File: BF142772.D
Acq: 18 Jun 2025 11:48

Tgt Ion:276 Resp: 376166
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 21.7 16.4 24.6

