

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
 Data File : BF142967.D
 Acq On : 02 Jul 2025 13:16
 Operator : RC/JU
 Sample : Q2452-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5MS

Quant Time: Jul 02 13:37:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	56127	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	213724	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	116710	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	201225	20.000	ng	0.00
76) Chrysene-d12	14.057	240	110809	20.000	ng	0.00
86) Perylene-d12	15.545	264	116324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	374142	110.984	ng	0.01
7) Phenol-d6	6.510	99	409699	103.010	ng	0.00
23) Nitrobenzene-d5	7.439	82	294099	75.479	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	160314	133.481	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	655208	73.749	ng	-0.01
79) Terphenyl-d14	12.992	244	536707	66.923	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	38934	28.875	ng	# 83
3) Pyridine	3.475	79	100514	29.735	ng	98
4) n-Nitrosodimethylamine	3.404	42	62198	35.582	ng	98
6) Aniline	6.540	93	98823	18.674	ng	# 91
8) 2-Chlorophenol	6.663	128	140262	38.571	ng	96
9) Benzaldehyde	6.428	77	30358	12.866	ng	99
10) Phenol	6.522	94	145384	32.885	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	121699	38.515	ng	96
12) 1,3-Dichlorobenzene	6.816	146	129941	31.950	ng	99
13) 1,4-Dichlorobenzene	6.892	146	133300	32.486	ng	99
14) 1,2-Dichlorobenzene	7.045	146	130041	33.413	ng	99
15) Benzyl Alcohol	7.016	79	119162	41.443	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	176750	34.816	ng	84
17) 2-Methylphenol	7.128	107	107923	39.162	ng	99
18) Hexachloroethane	7.387	117	45984	32.040	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	93010	40.208	ng	97
20) 3+4-Methylphenols	7.287	107	139424	40.577	ng	91
22) Acetophenone	7.281	105	189881	40.289	ng	99
24) Nitrobenzene	7.457	77	134431	38.118	ng	97
25) Isophorone	7.698	82	254478	40.713	ng	100
26) 2-Nitrophenol	7.775	139	79036	41.141	ng	97
27) 2,4-Dimethylphenol	7.810	122	129184	38.821	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	160305	40.341	ng	99
29) 2,4-Dichlorophenol	8.016	162	124414	41.233	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	122853	37.028	ng	100
31) Naphthalene	8.181	128	397470	37.994	ng	100
32) Benzoic acid	7.910	122	32399	19.102	ng	93
33) 4-Chloroaniline	8.234	127	66920	15.732	ng	99
34) Hexachlorobutadiene	8.292	225	74142	36.533	ng	99
35) Caprolactam	8.598	113	19955	25.063	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	130722	43.593	ng	100
37) 2-Methylnaphthalene	8.875	142	265189	40.888	ng	100
38) 1-Methylnaphthalene	8.969	142	276494	41.182	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	136083	39.516	ng	99
41) Hexachlorocyclopentadiene	9.022	237	120731	61.779	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	92130	41.056	ng	99

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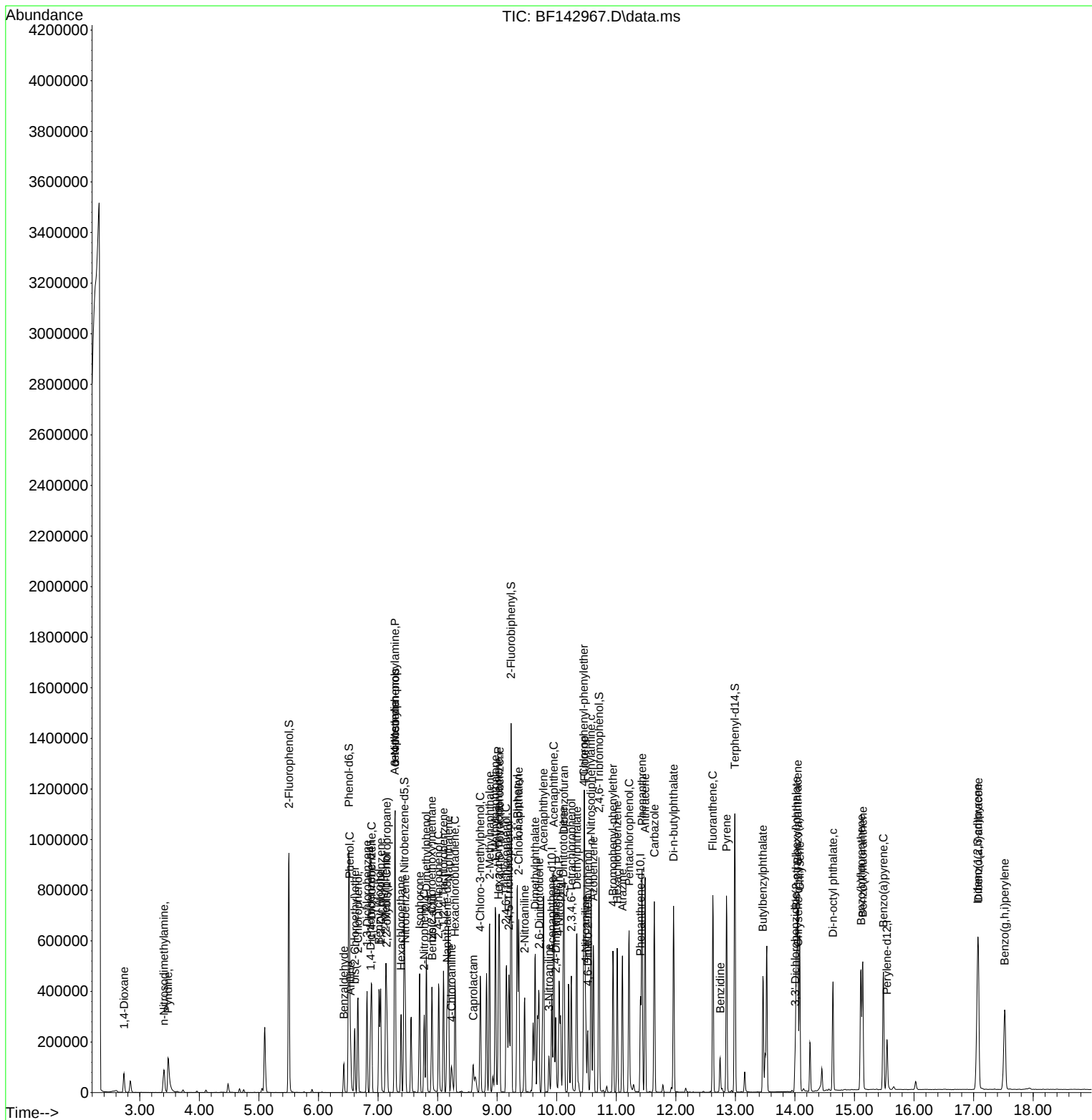
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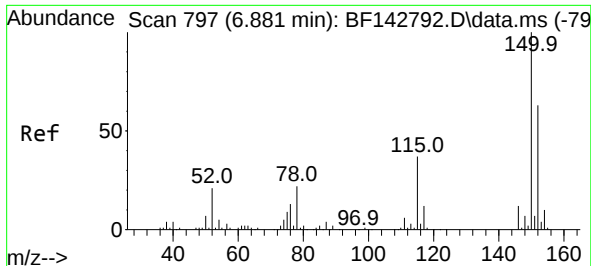
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	102461	43.375	ng	99
46) 1,1'-Biphenyl	9.339	154	377073	40.900	ng	100
47) 2-Chloronaphthalene	9.363	162	276808	40.010	ng	99
48) 2-Nitroaniline	9.463	65	84523	43.576	ng	94
49) Acenaphthylene	9.780	152	474689	41.678	ng	99
50) Dimethylphthalate	9.639	163	344914	45.656	ng	99
51) 2,6-Dinitrotoluene	9.704	165	74528	44.921	ng	96
52) Acenaphthene	9.951	154	277973	40.002	ng	99
53) 3-Nitroaniline	9.869	138	34708	19.001	ng	99
54) 2,4-Dinitrophenol	9.986	184	63806	76.807	ng	95
55) Dibenzofuran	10.122	168	423242	42.475	ng	100
56) 4-Nitrophenol	10.039	139	105437	84.314	ng	98
57) 2,4-Dinitrotoluene	10.110	165	103666	47.041	ng	97
58) Fluorene	10.469	166	338443	43.489	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	86779	45.575	ng	94
60) Diethylphthalate	10.339	149	356939	48.188	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	163585	44.051	ng	98
62) 4-Nitroaniline	10.486	138	74818	44.785	ng	98
63) Azobenzene	10.616	77	283317	42.795	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	48652	39.972	ng	100
66) n-Nitrosodiphenylamine	10.575	169	300169	43.041	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	101456	44.301	ng	96
68) Hexachlorobenzene	11.016	284	109566	43.056	ng	98
69) Atrazine	11.104	200	93859	52.118	ng	99
70) Pentachlorophenol	11.216	266	115461	91.055	ng	99
71) Phenanthrene	11.433	178	478040	43.855	ng	99
72) Anthracene	11.486	178	498958	44.632	ng	100
73) Carbazole	11.639	167	438222	45.424	ng	100
74) Di-n-butylphthalate	11.963	149	534534	53.187	ng	99
75) Fluoranthene	12.621	202	463597	44.814	ng	100
77) Benzidine	12.745	184	82369	19.785	ng	99
78) Pyrene	12.851	202	461671	44.449	ng	100
80) Butylbenzylphthalate	13.463	149	161317	53.543	ng	98
81) Benzo(a)anthracene	14.045	228	340260	45.518	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	38594	15.917	ng	99
83) Chrysene	14.080	228	301314	45.172	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	205616	47.433	ng	100
85) Di-n-octyl phthalate	14.639	149	303371	37.115	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	364299	41.116	ng	98
88) Benzo(b)fluoranthene	15.110	252	314592	46.738	ng	99
89) Benzo(k)fluoranthene	15.139	252	289667	45.998	ng	99
90) Benzo(a)pyrene	15.486	252	294339	45.265	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	296813	41.229	ng	97
92) Benzo(g,h,i)perylene	17.521	276	297405	41.429	ng	99

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

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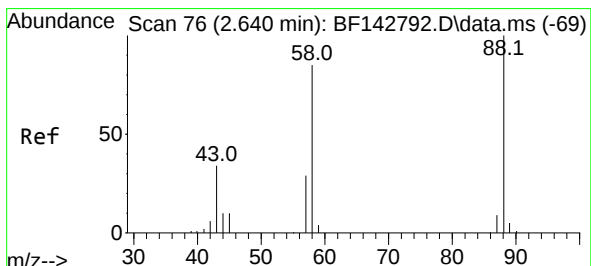
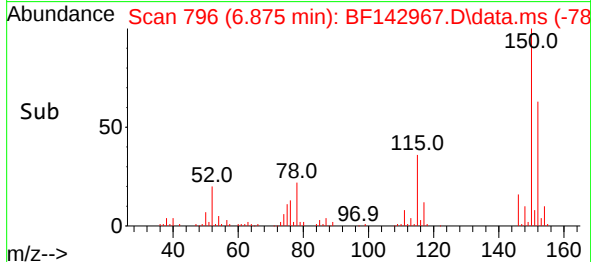
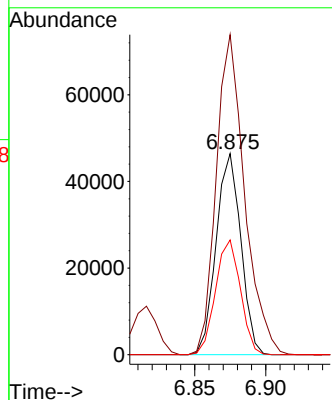
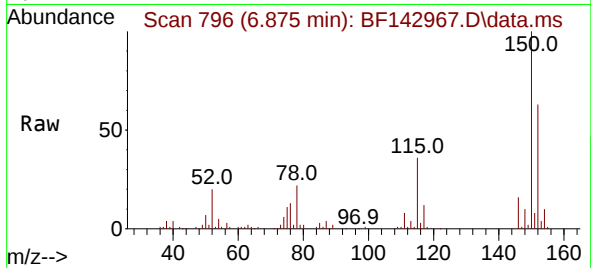




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142967.D
 Acq: 02 Jul 2025 13:16

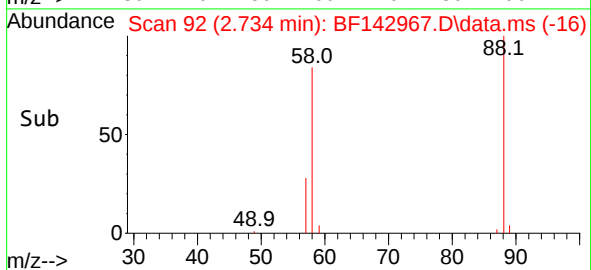
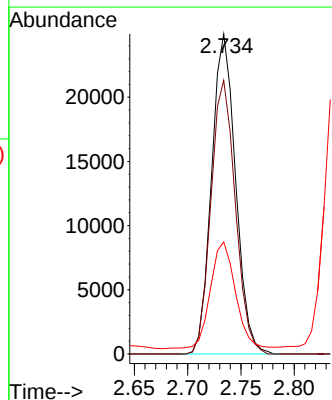
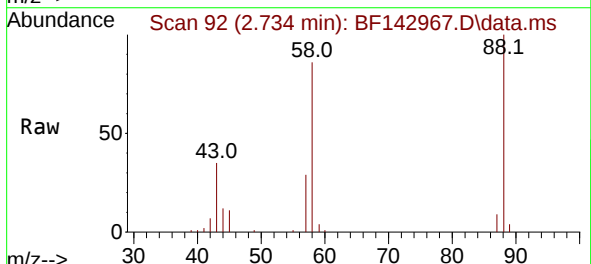
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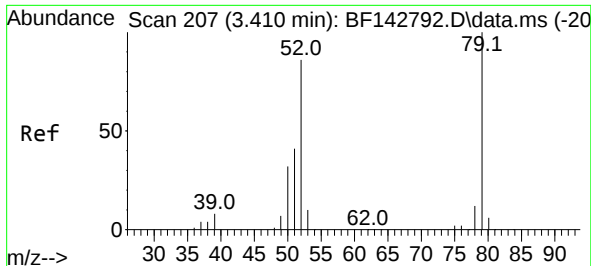
Tgt Ion:152 Resp: 56127
 Ion Ratio Lower Upper
 152 100
 150 159.1 127.2 190.8
 115 57.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 28.875 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.094 min
 Lab File: BF142967.D
 Acq: 02 Jul 2025 13:16

Tgt Ion: 88 Resp: 38934
 Ion Ratio Lower Upper
 88 100
 58 87.0 69.1 103.7
 43 0.0 27.4 41.2#





#3

Pyridine

Concen: 29.735 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

TP-5MS

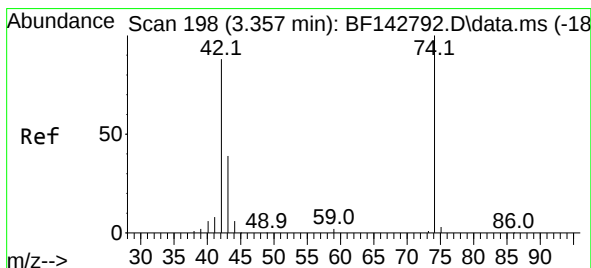
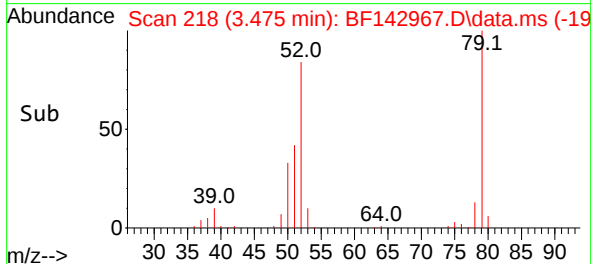
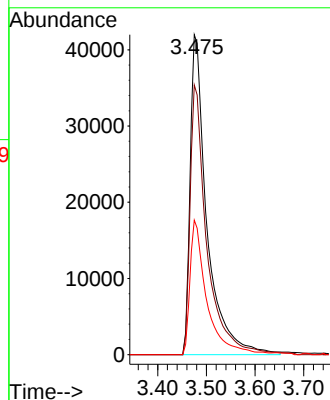
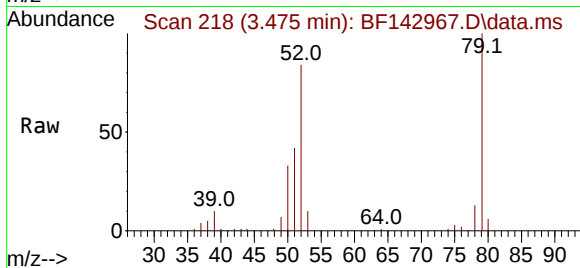
Tgt Ion: 79 Resp: 100514

Ion Ratio Lower Upper

79 100

52 84.3 69.2 103.8

51 42.1 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 35.582 ng

RT: 3.404 min Scan# 206

Delta R.T. 0.047 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

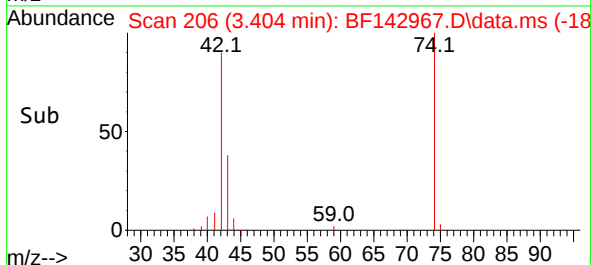
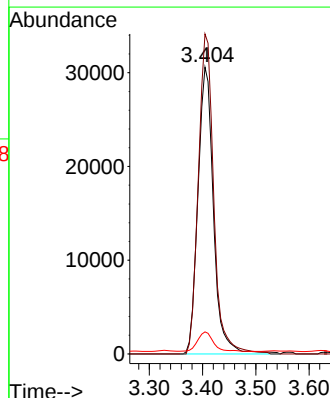
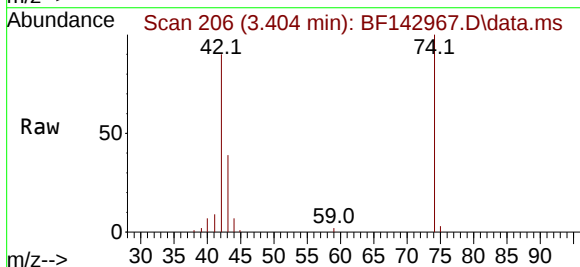
Tgt Ion: 42 Resp: 62198

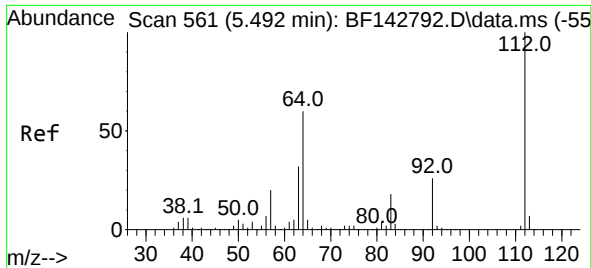
Ion Ratio Lower Upper

42 100

74 111.6 90.9 136.3

44 7.7 5.8 8.6

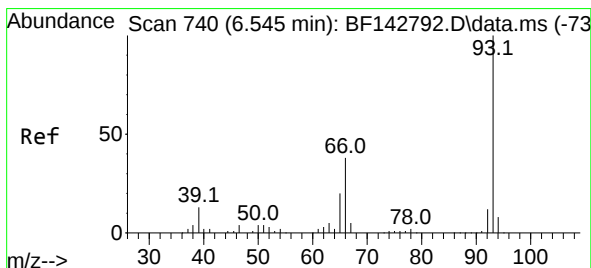
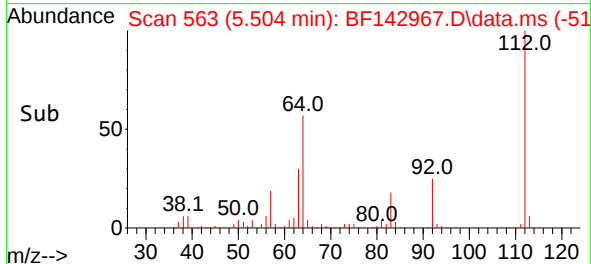
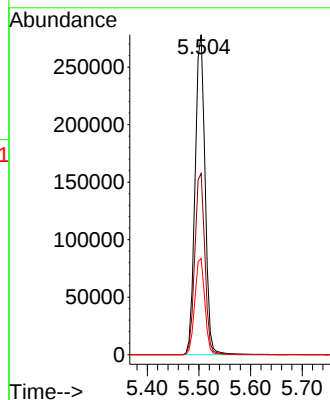
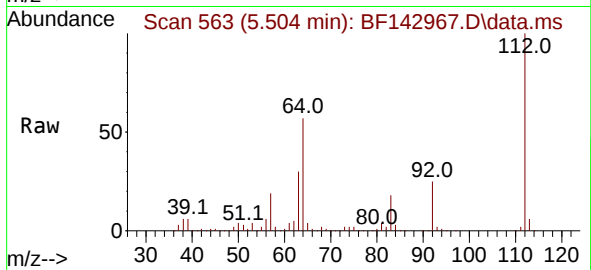




#5
2-Fluorophenol
Concen: 110.984 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

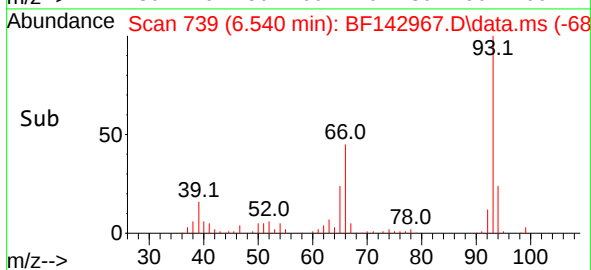
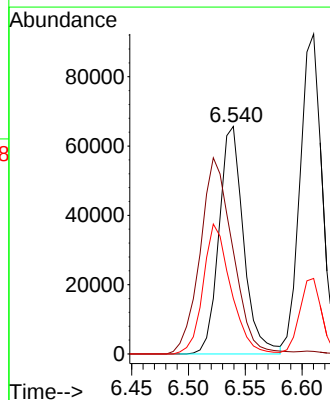
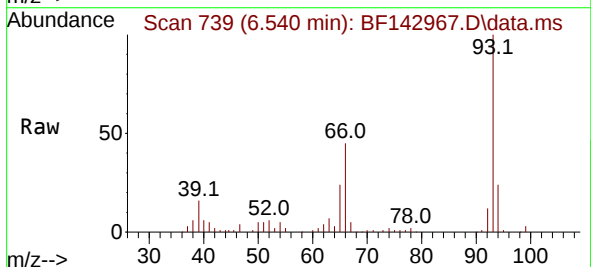
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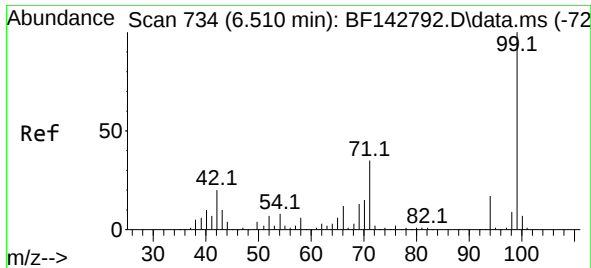
Tgt Ion:112 Resp: 374142
Ion Ratio Lower Upper
112 100
64 56.6 48.2 72.2
63 30.0 25.7 38.5



#6
Aniline
Concen: 18.674 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion: 93 Resp: 98823
Ion Ratio Lower Upper
93 100
66 45.2 31.8 47.6
65 24.4 16.2 24.2#

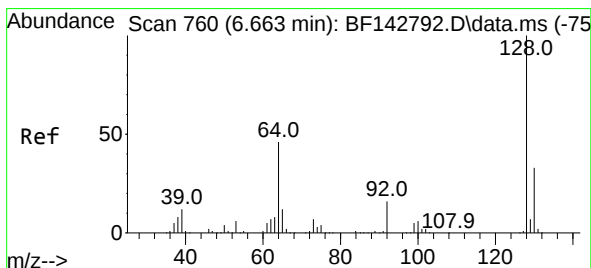
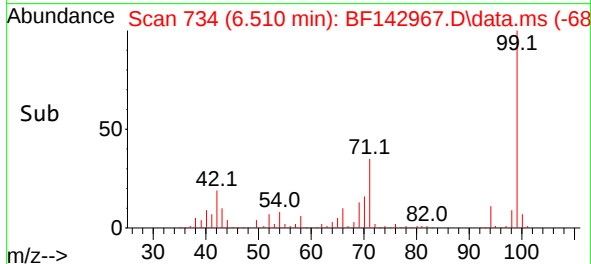
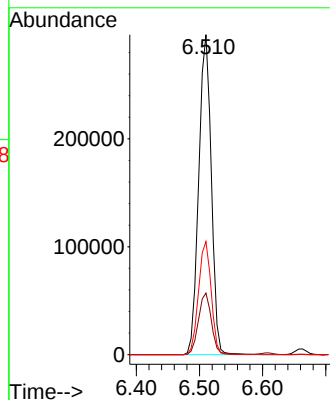
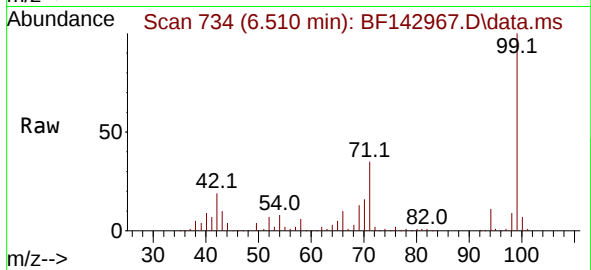




#7
Phenol-d6
Concen: 103.010 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

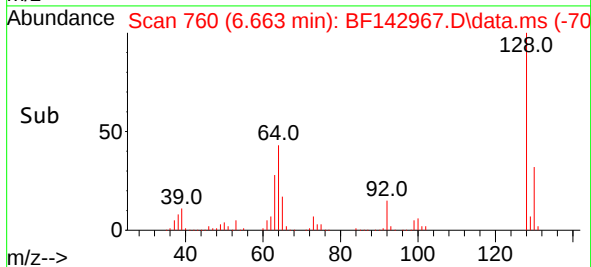
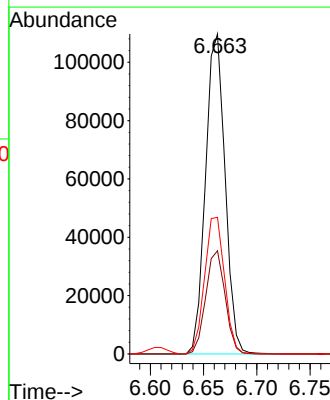
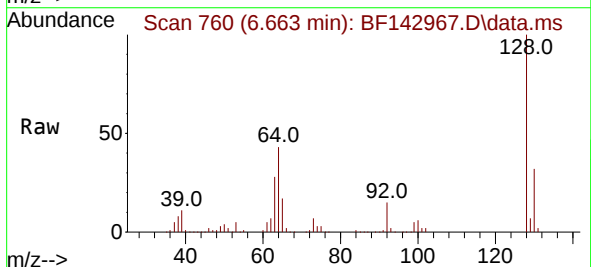
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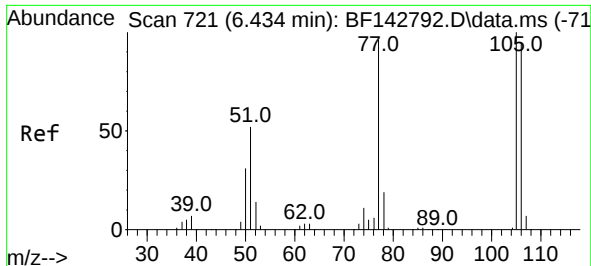
Tgt Ion: 99 Resp: 409699
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 35.4 27.8 41.8



#8
2-Chlorophenol
Concen: 38.571 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion: 128 Resp: 140262
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 42.7 26.5 66.5

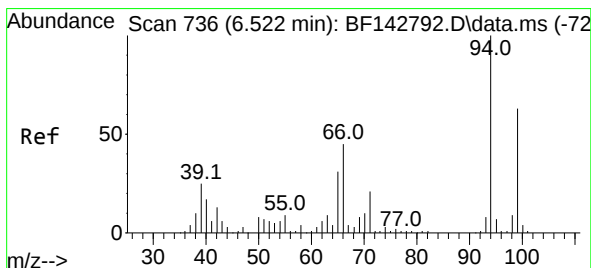
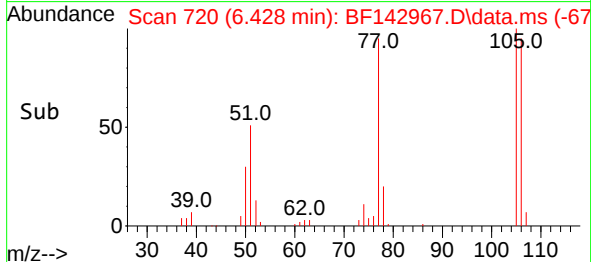
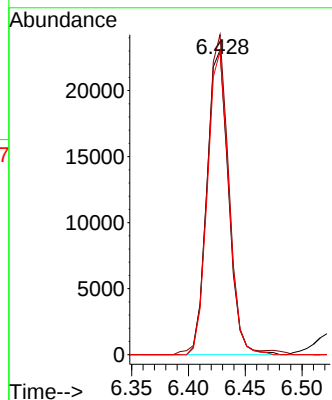
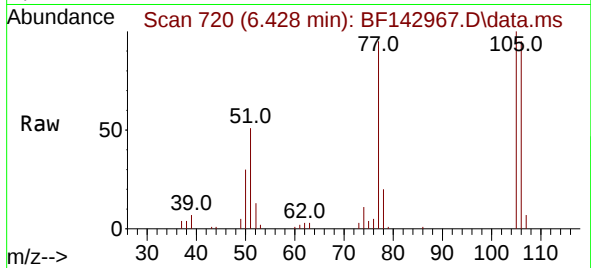




#9
Benzaldehyde
Concen: 12.866 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

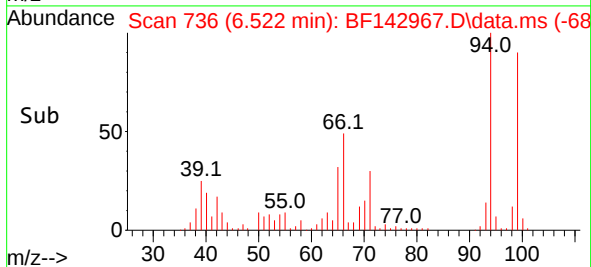
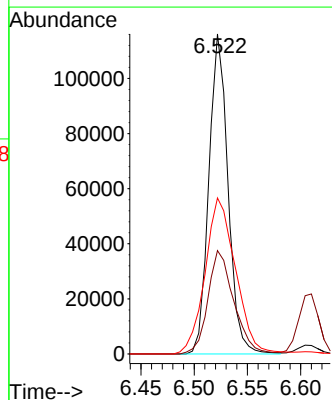
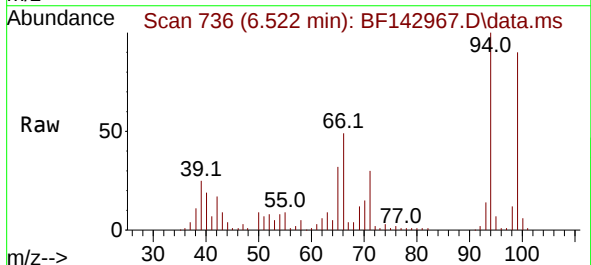
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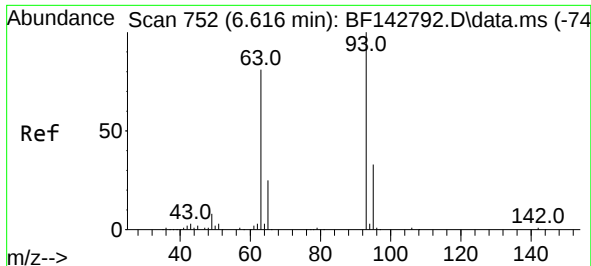
Tgt Ion: 77 Resp: 30358
Ion Ratio Lower Upper
77 100
105 105.0 83.8 123.8
106 99.5 78.7 118.7



#10
Phenol
Concen: 32.885 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion: 94 Resp: 145384
Ion Ratio Lower Upper
94 100
65 32.3 11.3 51.3
66 48.7 24.9 64.9

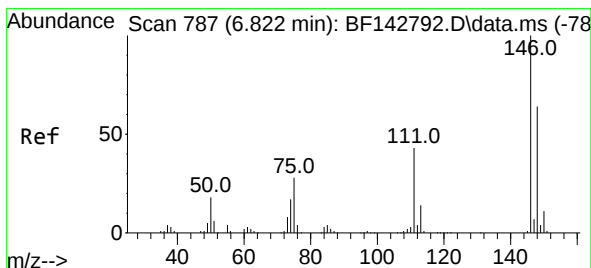
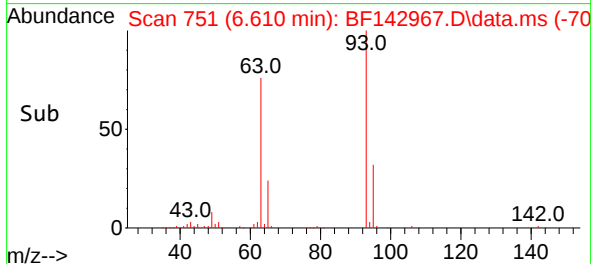
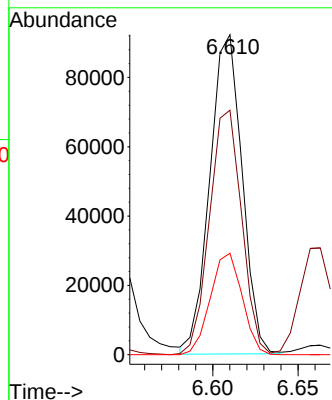
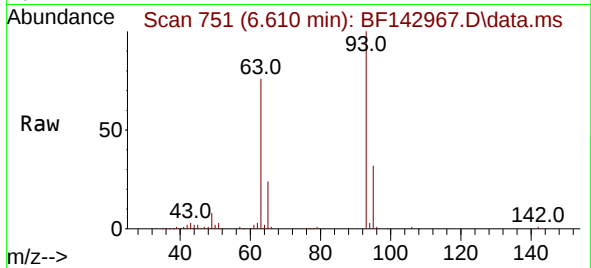




#11
bis(2-Chloroethyl)ether
Concen: 38.515 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

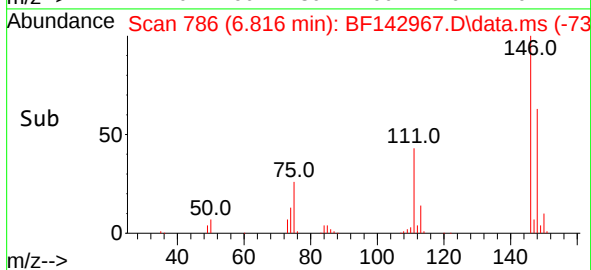
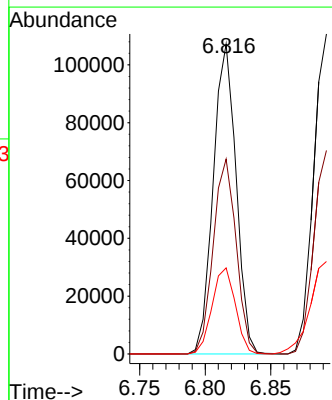
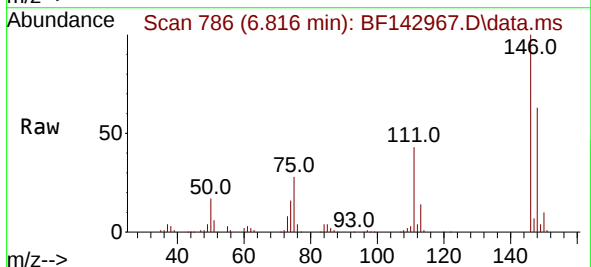
Instrument :
BNA_F
ClientSampleId :
TP-5MS

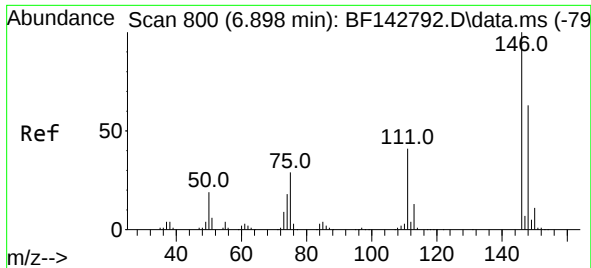
Tgt Ion: 93 Resp: 121699
Ion Ratio Lower Upper
93 100
63 76.4 60.3 100.3
95 31.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 31.950 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:146 Resp: 129941
Ion Ratio Lower Upper
146 100
148 62.9 51.1 76.7
75 27.8 22.7 34.1

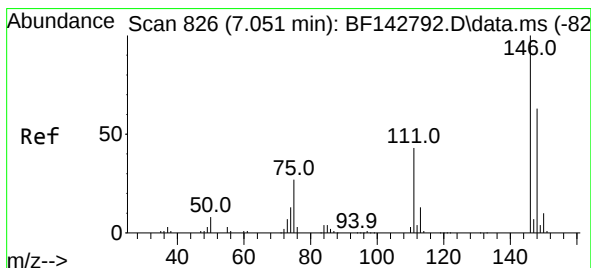
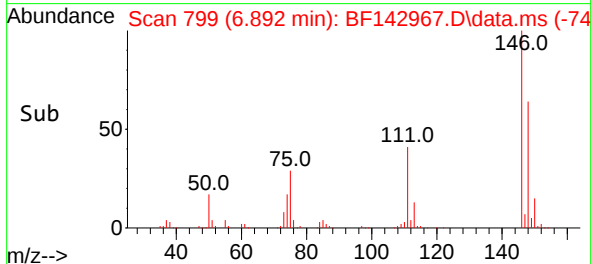
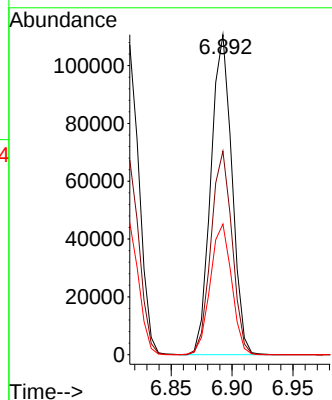
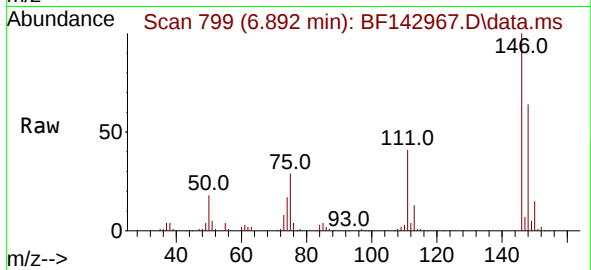




#13
1,4-Dichlorobenzene
Concen: 32.486 ng
RT: 6.892 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

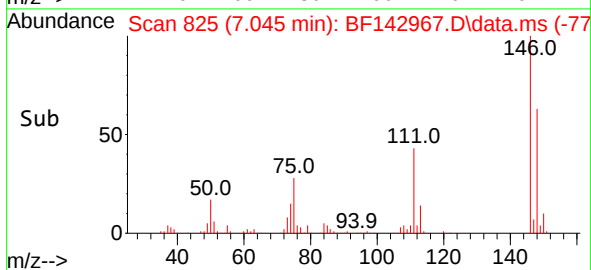
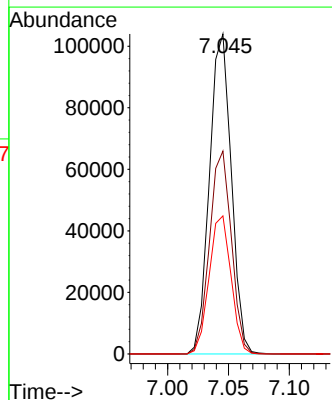
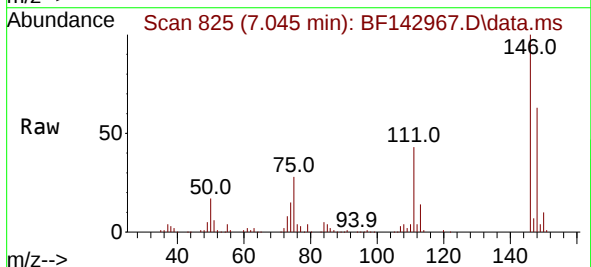
Instrument :
BNA_F
ClientSampleId :
TP-5MS

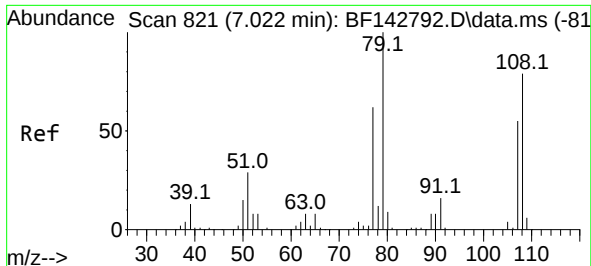
Tgt Ion:146 Resp: 133300
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 40.8 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 33.413 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:146 Resp: 130041
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
111 43.2 34.1 51.1

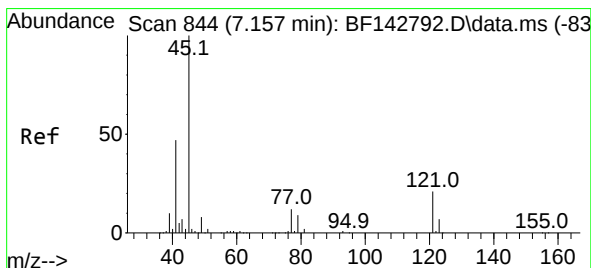
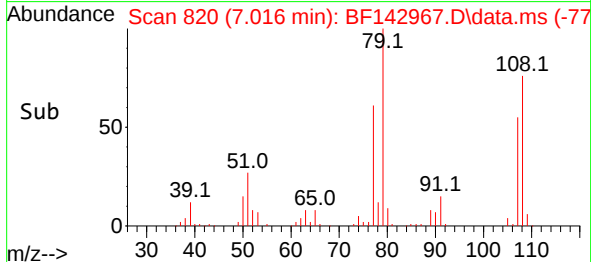
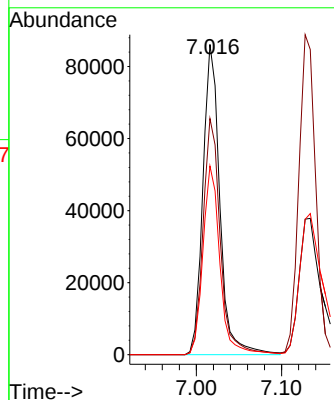
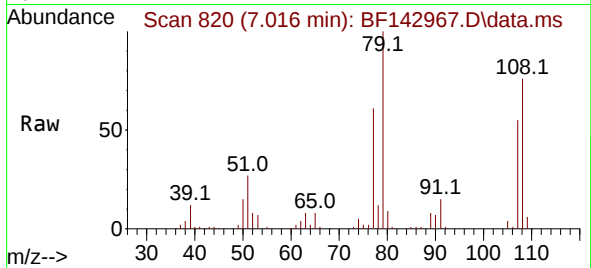




#15
Benzyl Alcohol
Concen: 41.443 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

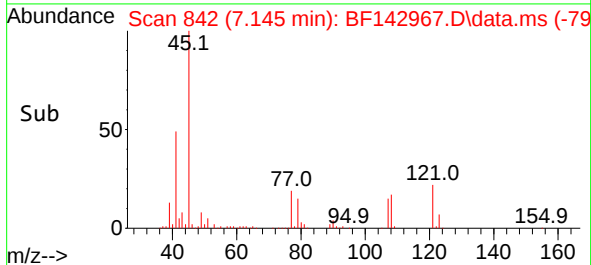
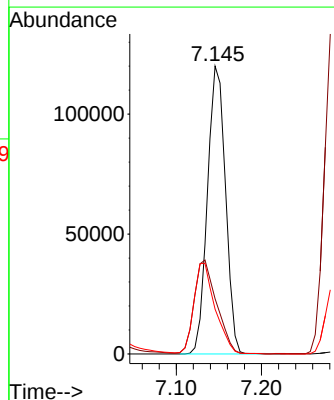
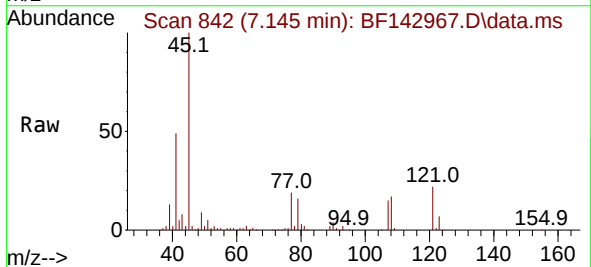
Instrument :
BNA_F
ClientSampleId :
TP-5MS

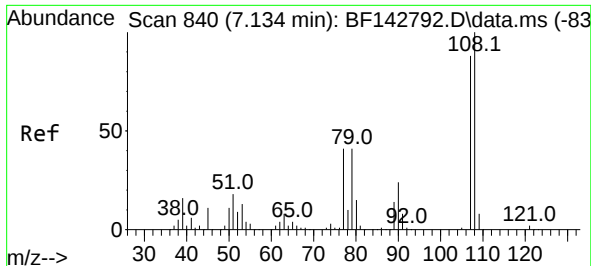
Tgt Ion: 79 Resp: 119162
Ion Ratio Lower Upper
79 100
108 76.1 63.4 95.0
77 60.8 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.816 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion: 45 Resp: 176750
Ion Ratio Lower Upper
45 100
77 19.2 0.0 32.8
79 15.6 0.0 29.8



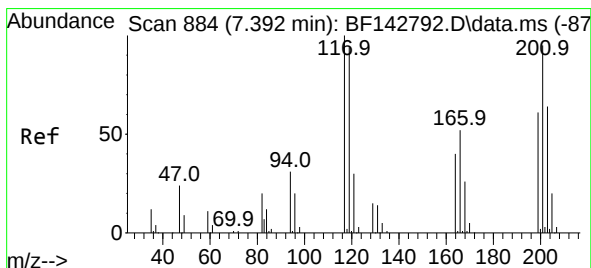
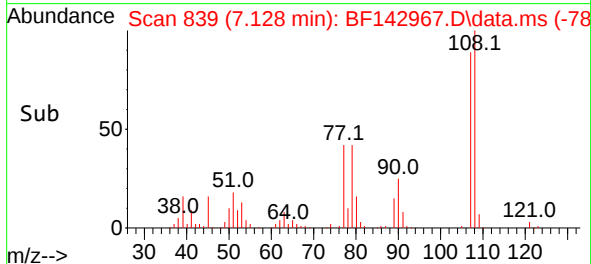
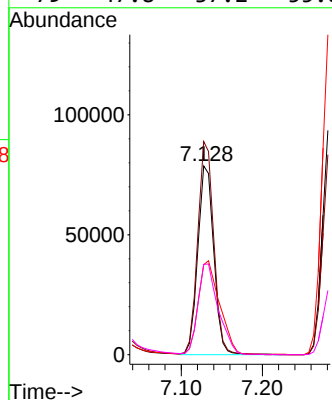
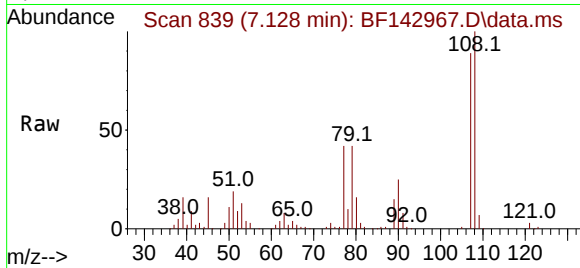


#17
2-Methylphenol
Concen: 39.162 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion:107 Resp: 107923

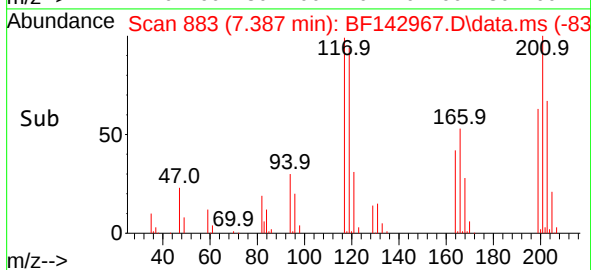
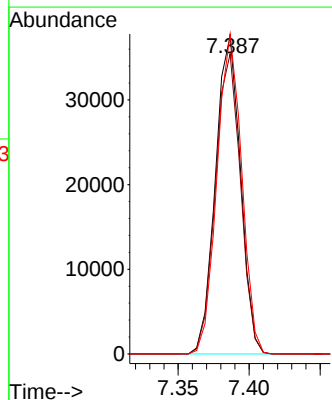
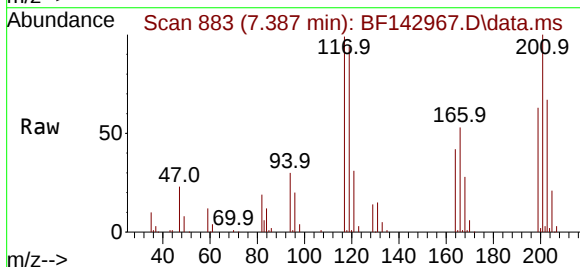
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.9	136.3
77	47.7	37.3	55.9
79	47.8	37.2	55.8

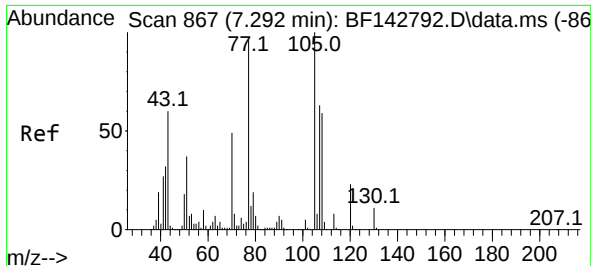


#18
Hexachloroethane
Concen: 32.040 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:117 Resp: 45984

Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.4	113.0
201	100.6	75.9	113.9



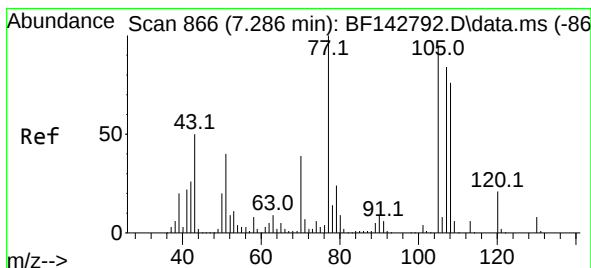
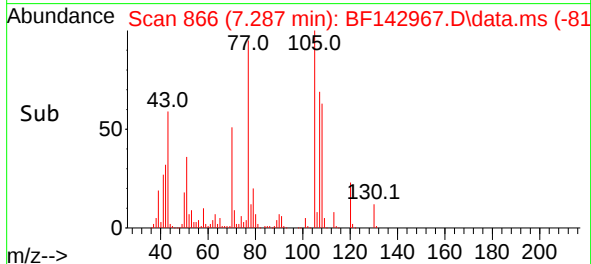
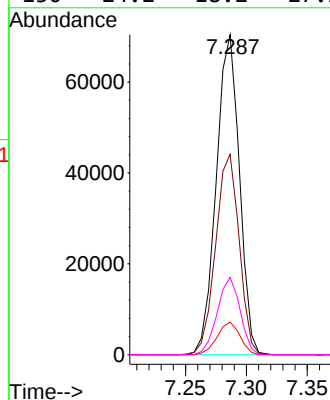
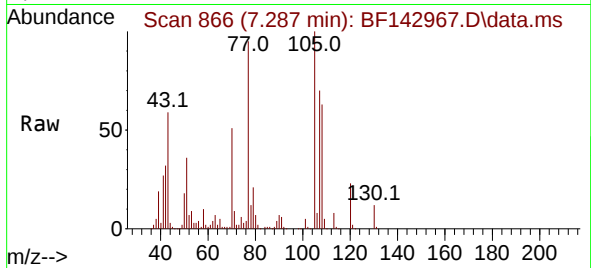


#19
n-Nitroso-di-n-propylamine
Concen: 40.208 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion: 70 Resp: 93010

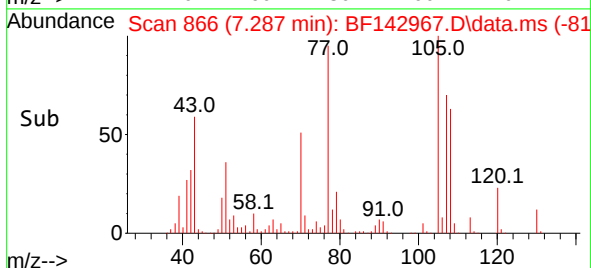
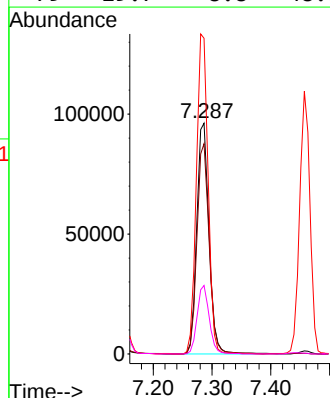
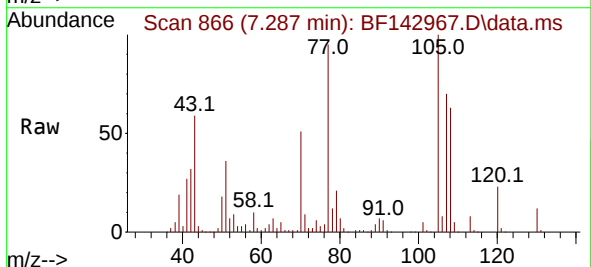
Ion	Ratio	Lower	Upper
70	100		
42	62.6	52.1	78.1
101	10.2	8.2	12.2
130	24.2	18.2	27.2

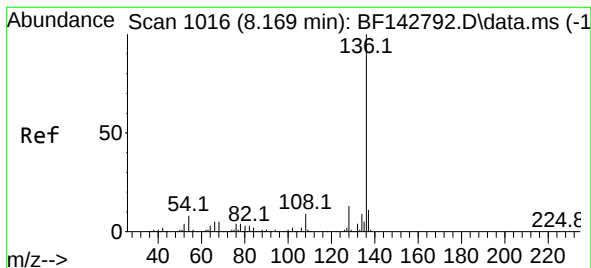


#20
3+4-Methylphenols
Concen: 40.577 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion: 107 Resp: 139424

Ion	Ratio	Lower	Upper
107	100		
108	91.1	70.0	110.0
77	136.8	98.5	138.5
79	29.7	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

TP-5MS

Tgt Ion:136 Resp: 213724

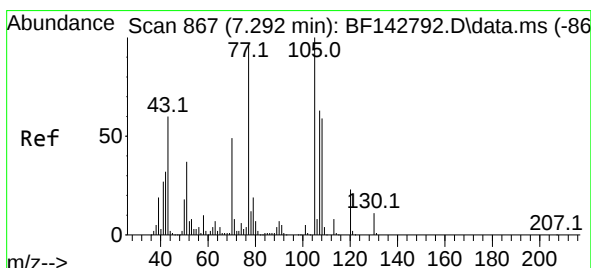
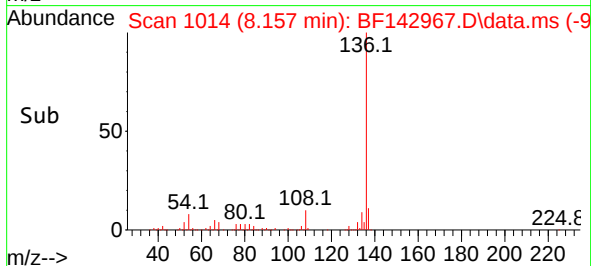
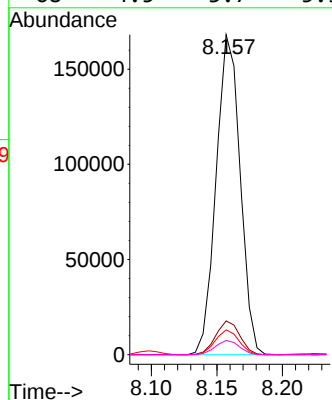
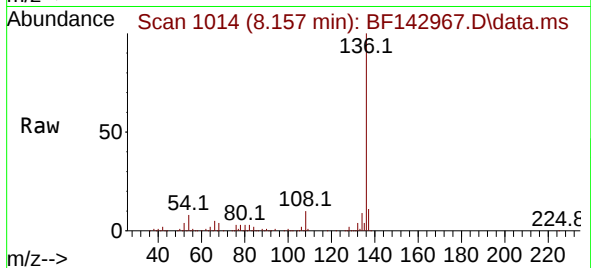
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.7 6.3 9.5

68 4.5 3.7 5.5



#22

Acetophenone

Concen: 40.289 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Tgt Ion:105 Resp: 189881

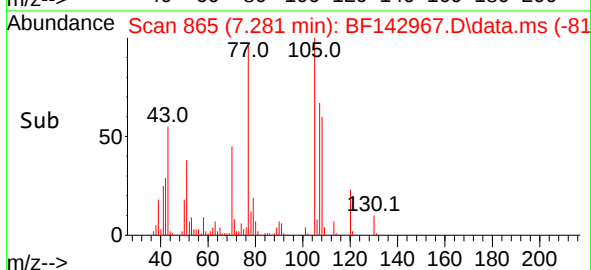
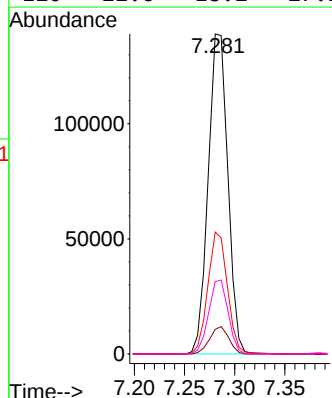
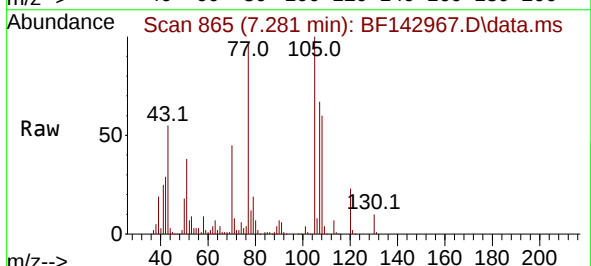
Ion Ratio Lower Upper

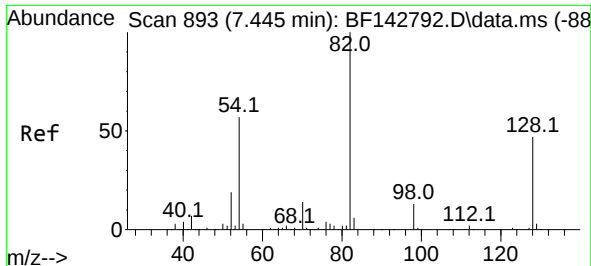
105 100

71 7.7 6.5 9.7

51 38.1 29.8 44.8

120 22.6 18.2 27.2





#23

Nitrobenzene-d5

Concen: 75.479 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

TP-5MS

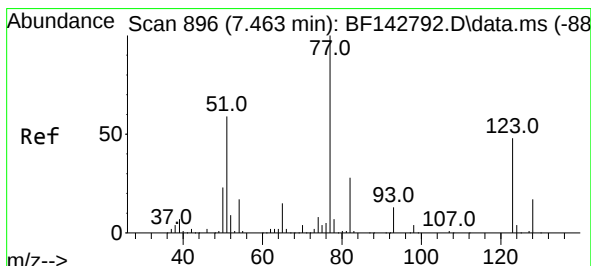
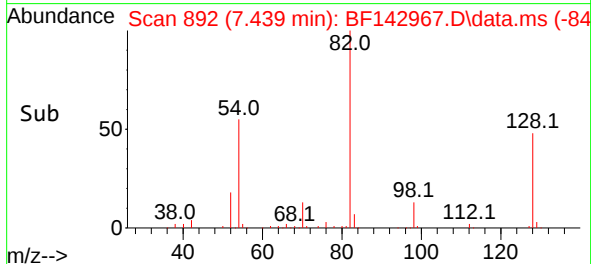
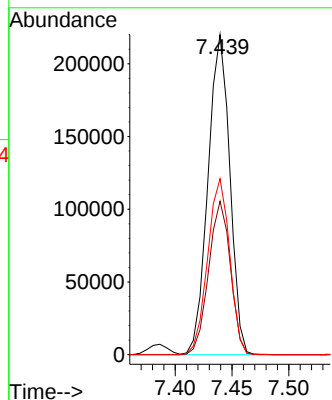
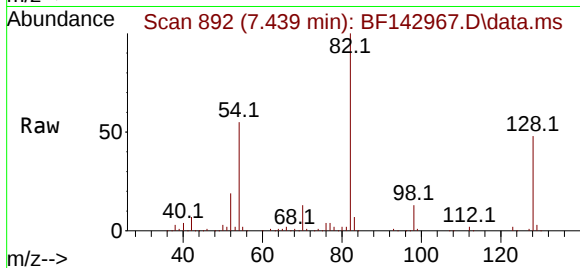
Tgt Ion: 82 Resp: 294099

Ion Ratio Lower Upper

82 100

128 48.0 37.7 56.5

54 55.0 45.7 68.5



#24

Nitrobenzene

Concen: 38.118 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

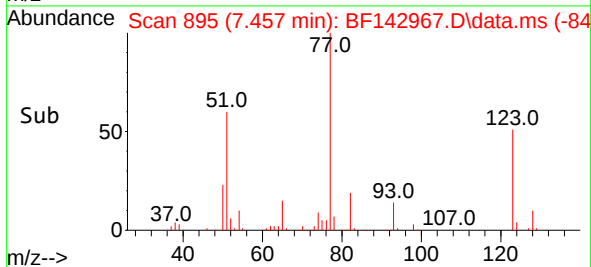
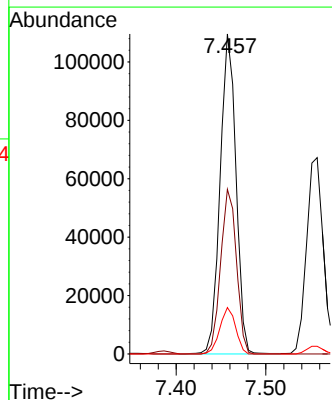
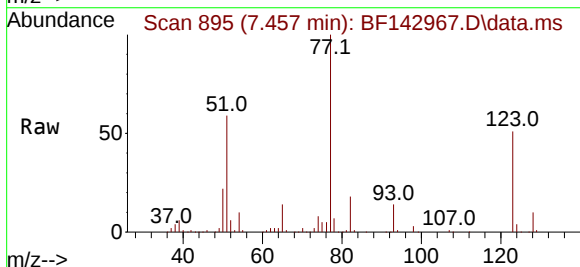
Tgt Ion: 77 Resp: 134431

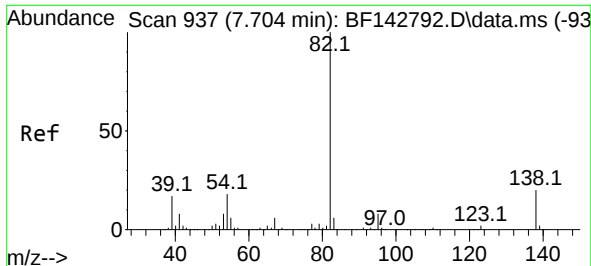
Ion Ratio Lower Upper

77 100

123 51.4 39.2 58.8

65 14.5 11.6 17.4

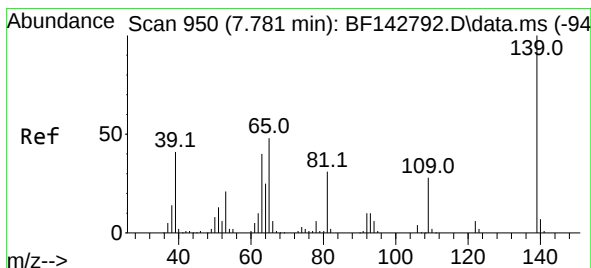
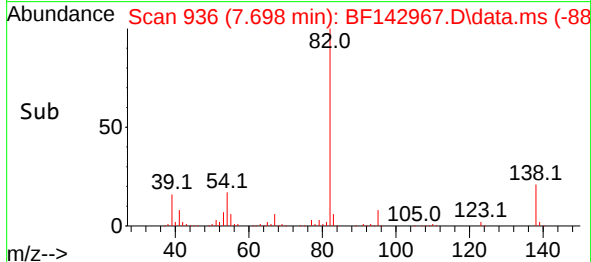
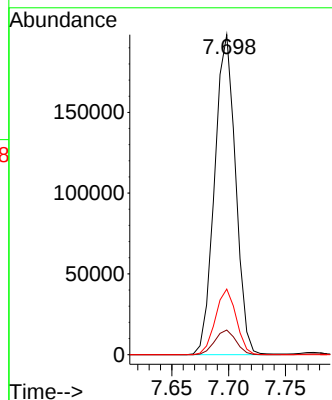
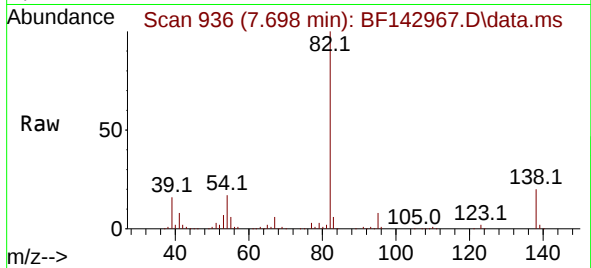




#25
Isophorone
Concen: 40.713 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

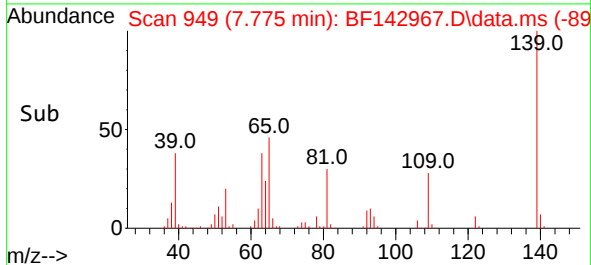
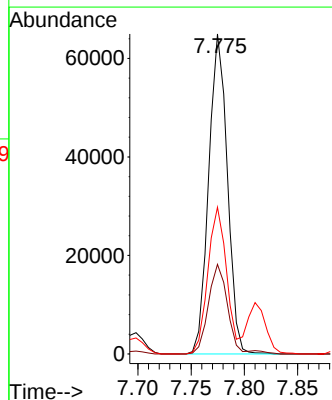
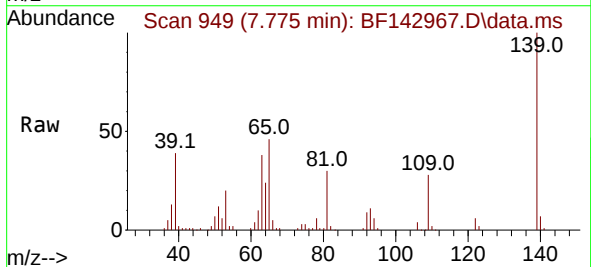
Instrument :
BNA_F
ClientSampleId :
TP-5MS

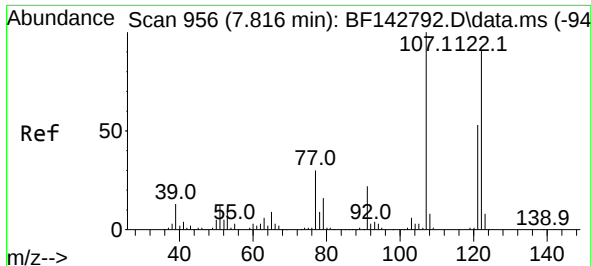
Tgt Ion: 82 Resp: 254478
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.5 16.2 24.4



#26
2-Nitrophenol
Concen: 41.141 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:139 Resp: 79036
Ion Ratio Lower Upper
139 100
109 28.0 22.7 34.1
65 45.9 38.6 58.0

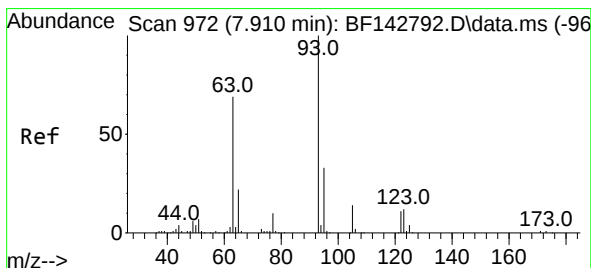
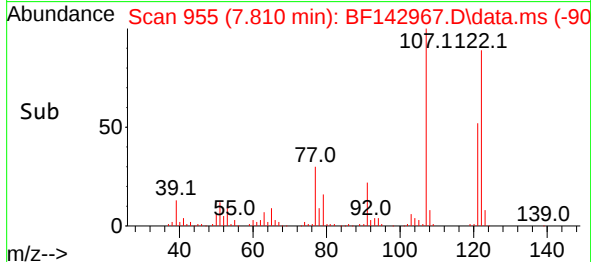
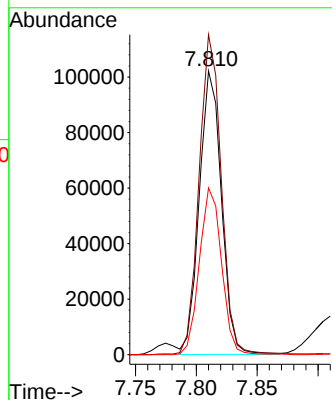
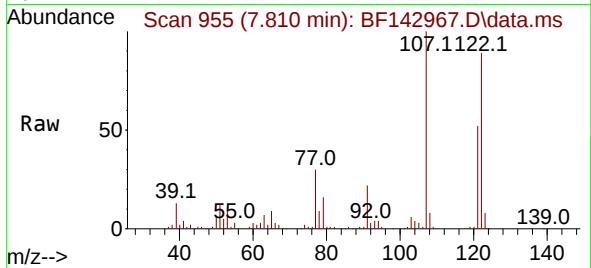




#27
2,4-Dimethylphenol
Concen: 38.821 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

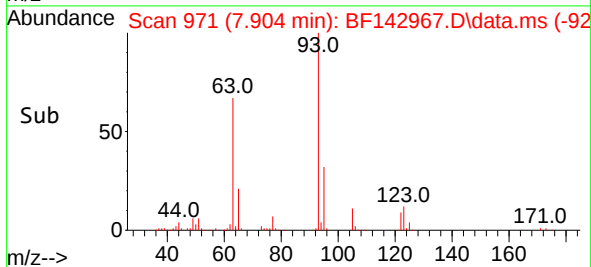
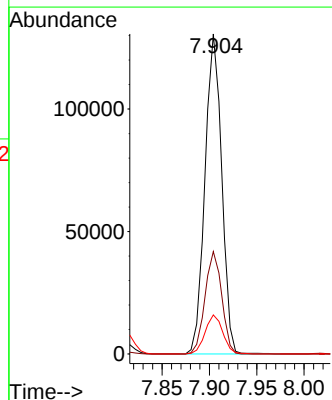
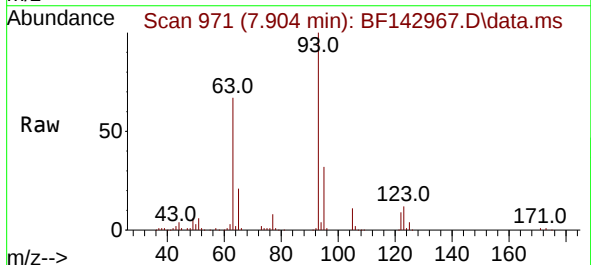
Instrument :
BNA_F
ClientSampleId :
TP-5MS

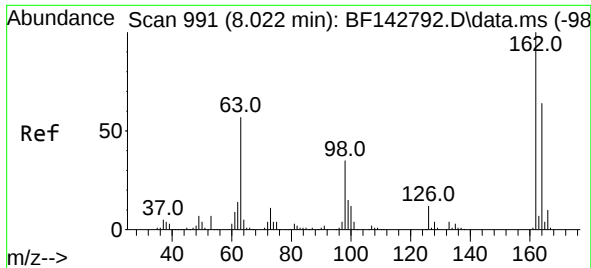
Tgt Ion:122 Resp: 129184
Ion Ratio Lower Upper
122 100
107 112.8 88.0 132.0
121 58.8 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.341 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion: 93 Resp: 160305
Ion Ratio Lower Upper
93 100
95 32.0 26.2 39.2
123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.233 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

TP-5MS

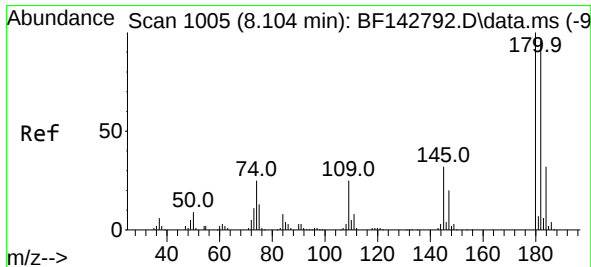
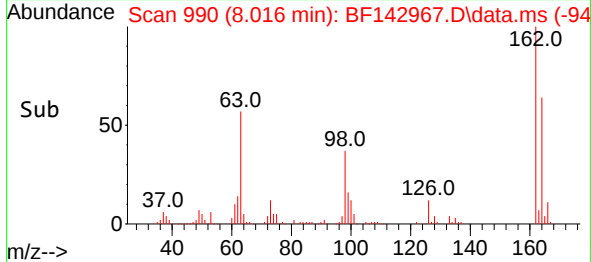
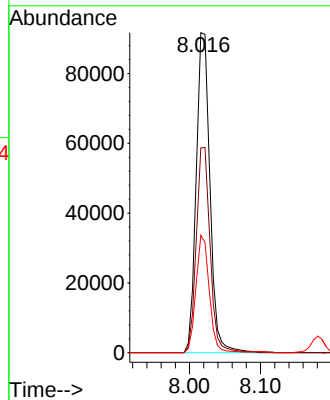
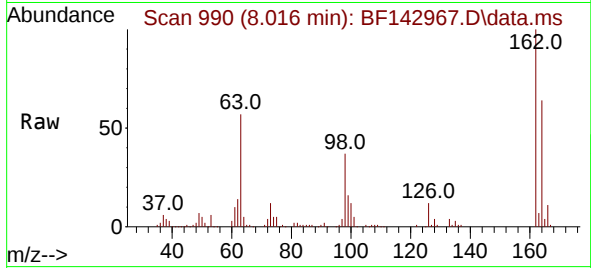
Tgt Ion:162 Resp: 124414

Ion Ratio Lower Upper

162 100

164 64.0 44.0 84.0

98 36.6 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 37.028 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

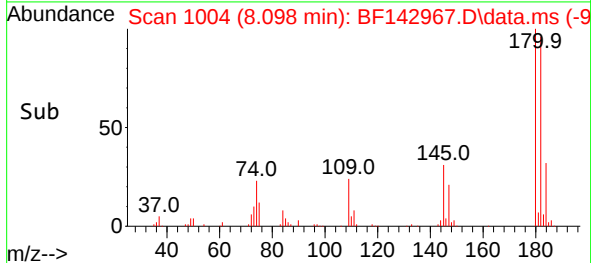
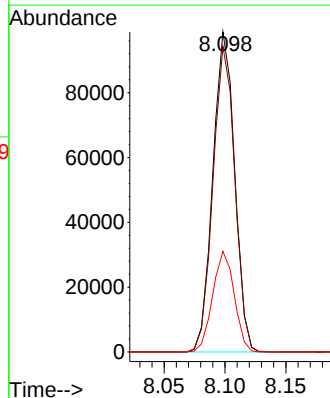
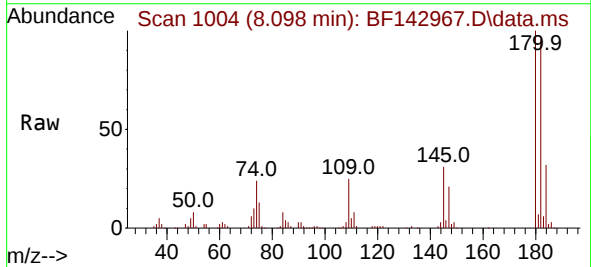
Tgt Ion:180 Resp: 122853

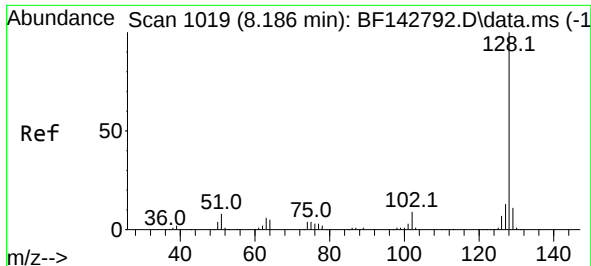
Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

145 31.5 25.8 38.8

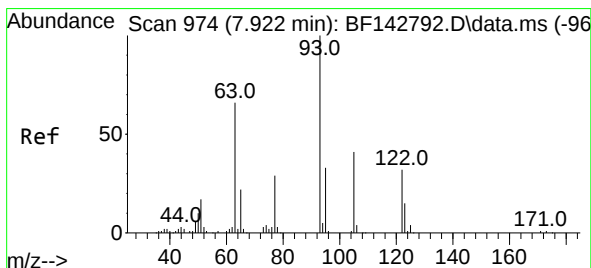
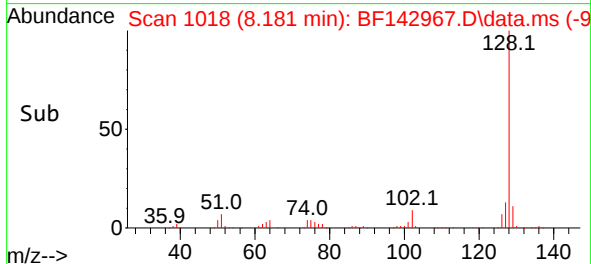
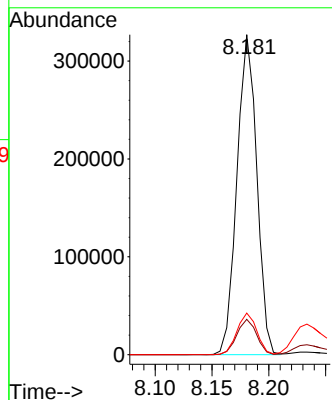
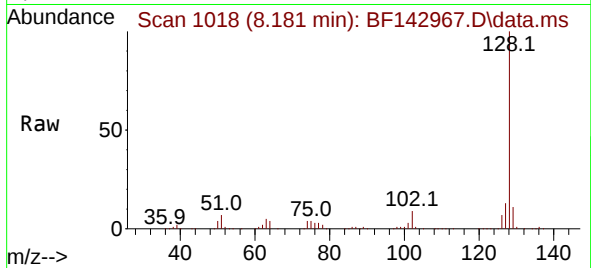




#31
Naphthalene
Concen: 37.994 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

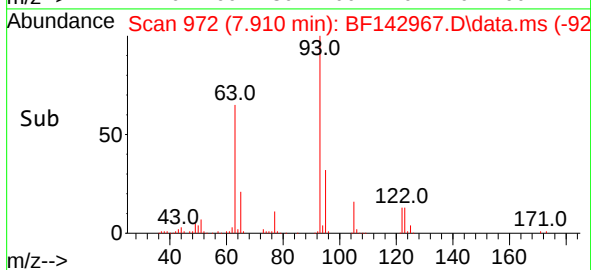
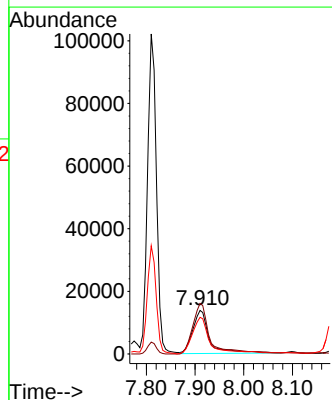
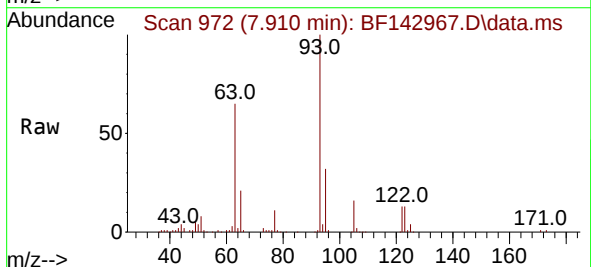
Instrument :
BNA_F
ClientSampleId :
TP-5MS

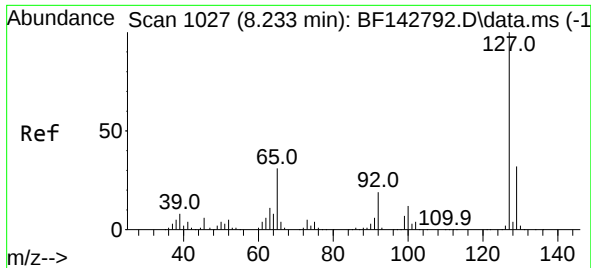
Tgt Ion:128 Resp: 397470
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 19.102 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:122 Resp: 32399
Ion Ratio Lower Upper
122 100
105 115.9 104.7 144.7
77 84.2 70.2 110.2

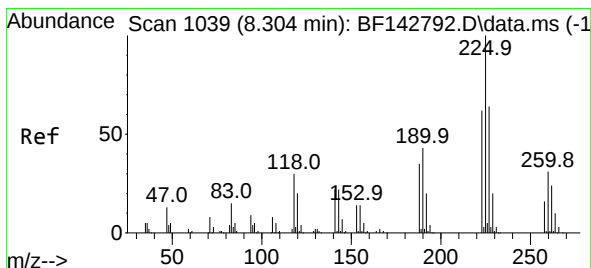
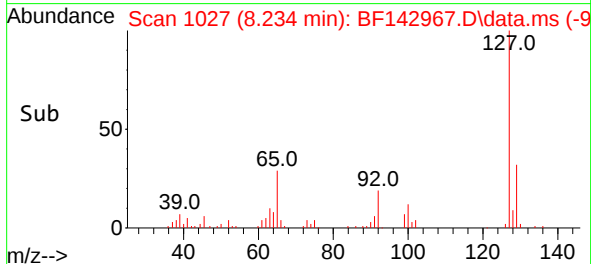
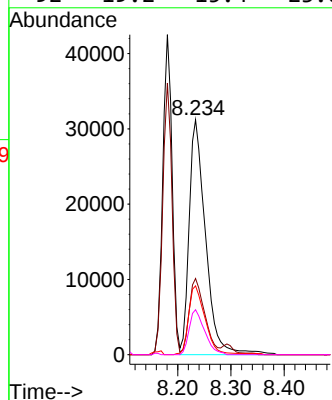
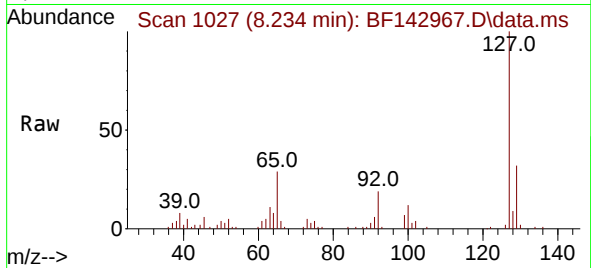




#33
4-Chloroaniline
Concen: 15.732 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

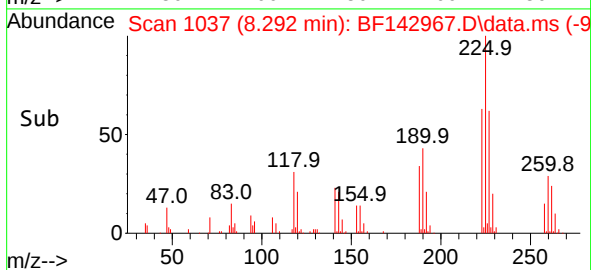
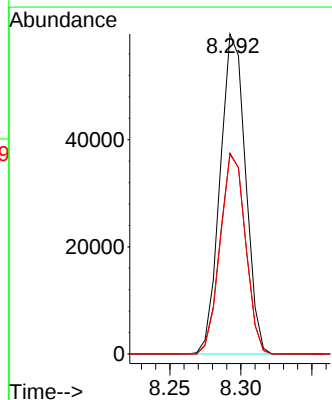
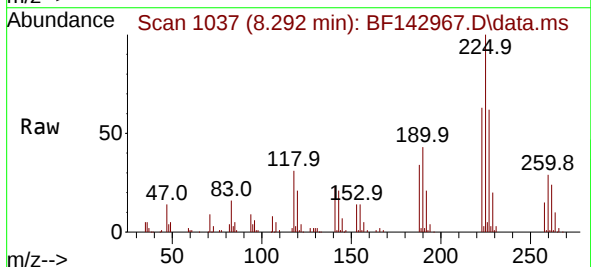
Instrument :
BNA_F
ClientSampleId :
TP-5MS

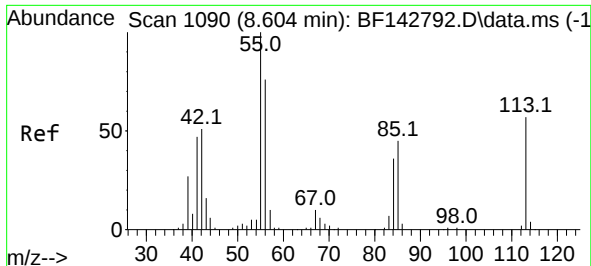
Tgt Ion:127	Resp:	66920
Ion	Ratio	Lower Upper
127	100	
129	32.4	25.9 38.9
65	29.3	24.6 36.8
92	19.2	15.4 23.0



#34
Hexachlorobutadiene
Concen: 36.533 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:225	Resp:	74142
Ion	Ratio	Lower Upper
225	100	
223	62.8	49.9 74.9
227	62.4	51.4 77.0

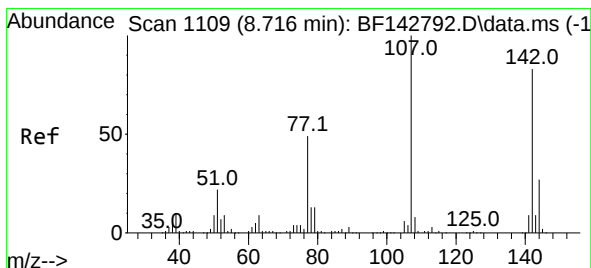
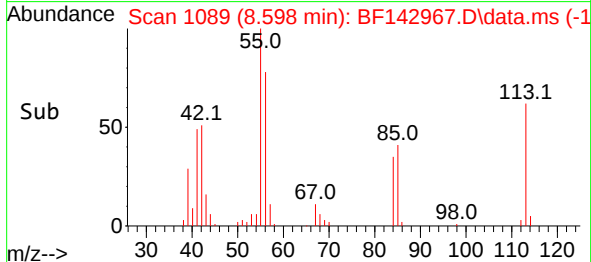
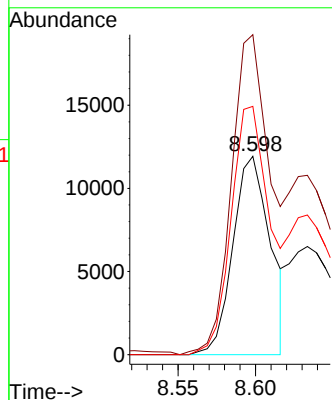
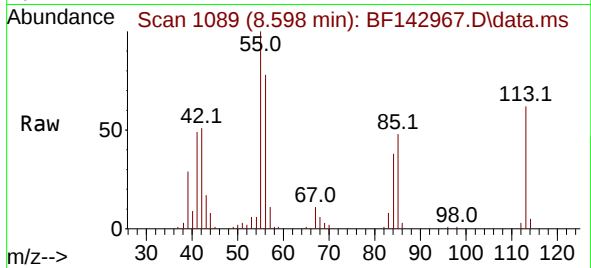




#35
 Caprolactam
 Concen: 25.063 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF142967.D
 Acq: 02 Jul 2025 13:16

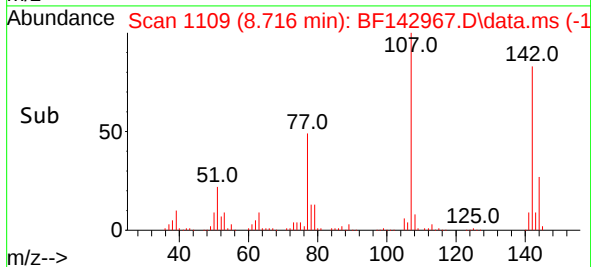
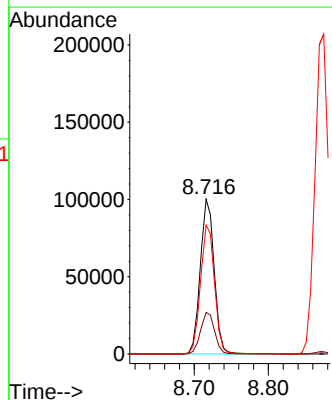
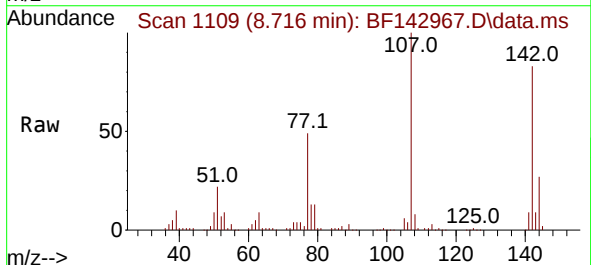
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MS

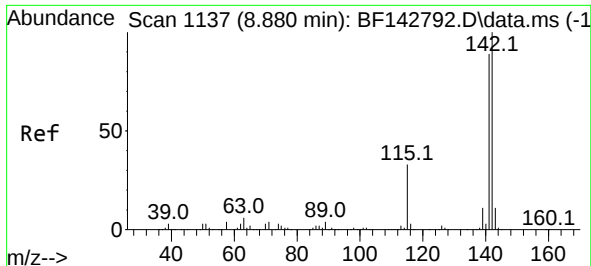
Tgt Ion:113 Resp: 19955
 Ion Ratio Lower Upper
 113 100
 55 161.3 154.4 194.4
 56 125.2 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.593 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142967.D
 Acq: 02 Jul 2025 13:16

Tgt Ion:107 Resp: 130722
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.3 31.9
 142 83.2 66.6 100.0

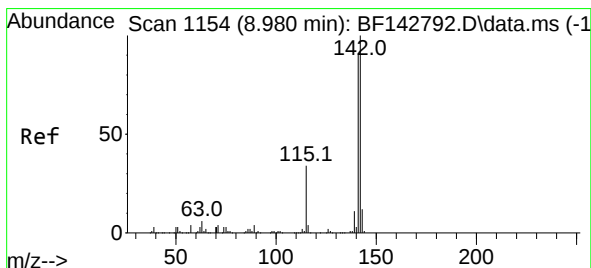
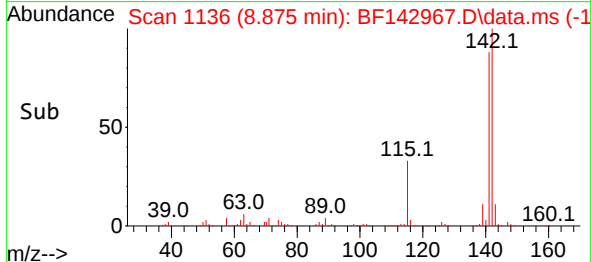
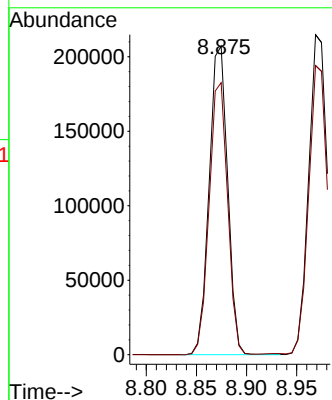
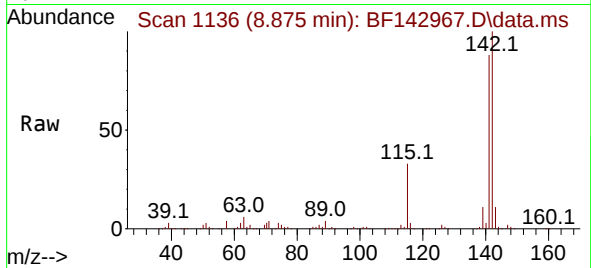




#37
2-Methylnaphthalene
Concen: 40.888 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

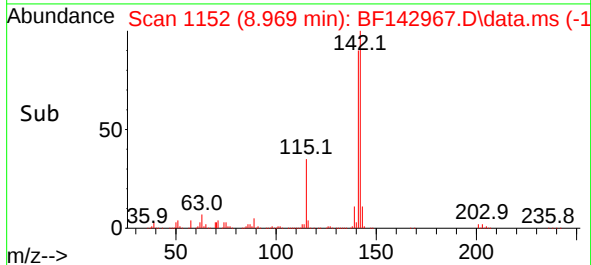
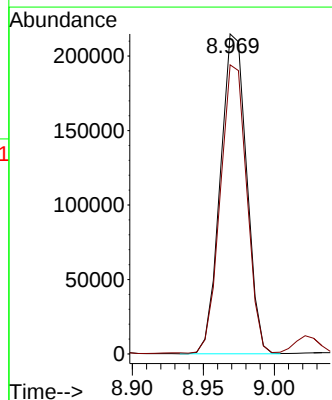
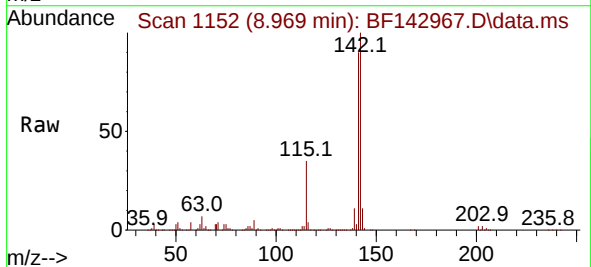
Instrument :
BNA_F
ClientSampleId :
TP-5MS

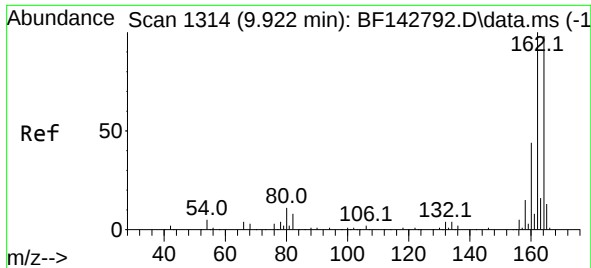
Tgt Ion:142 Resp: 265189
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3



#38
1-Methylnaphthalene
Concen: 41.182 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:142 Resp: 276494
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4

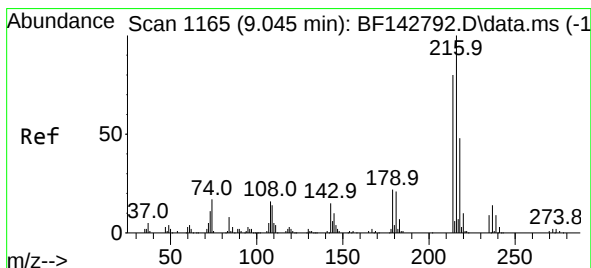
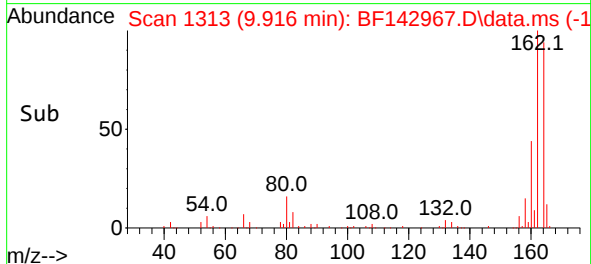
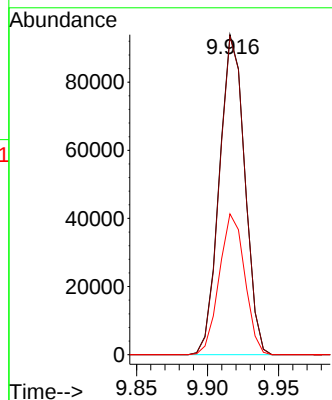
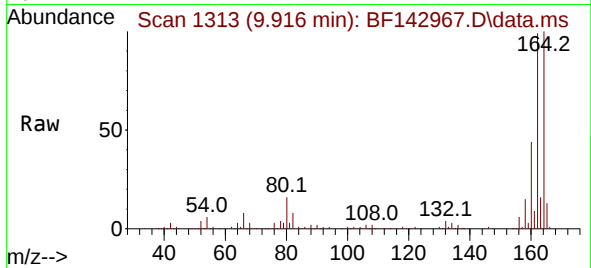




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1164
 Delta R.T. -0.006 min
 Lab File: BF142967.D
 Acq: 02 Jul 2025 13:16

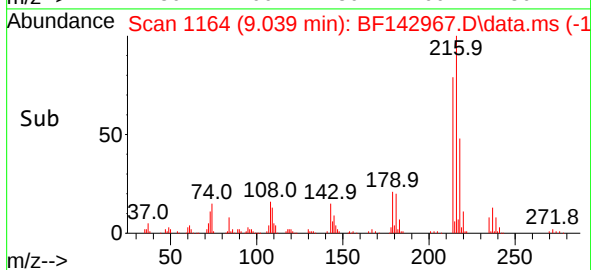
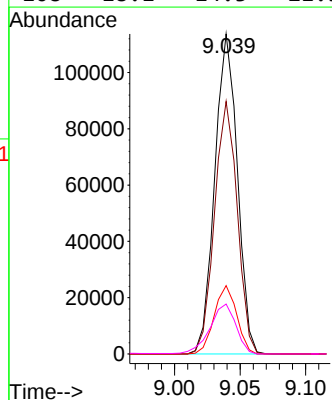
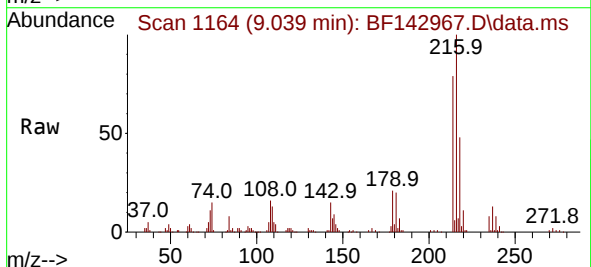
Instrument :
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 ClientSampleId :
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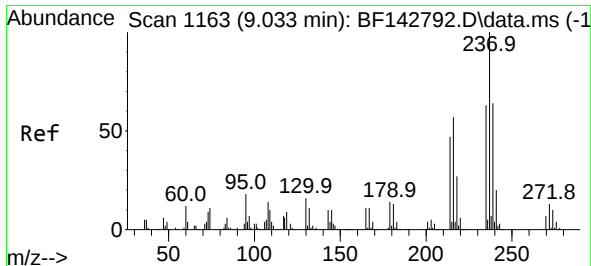
Tgt Ion:164 Resp: 116710
 Ion Ratio Lower Upper
 164 100
 162 99.4 81.8 122.8
 160 44.0 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.516 ng
 RT: 9.039 min Scan# 1164
 Delta R.T. -0.006 min
 Lab File: BF142967.D
 Acq: 02 Jul 2025 13:16

Tgt Ion:216 Resp: 136083
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.7 95.5
 179 21.2 17.6 26.4
 108 18.1 14.3 21.5

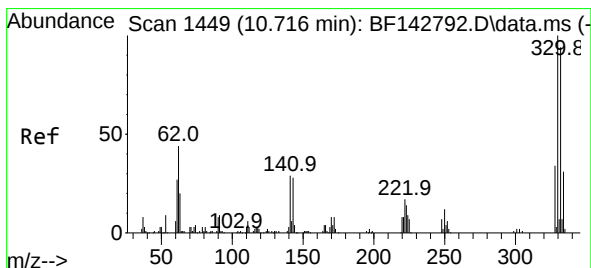
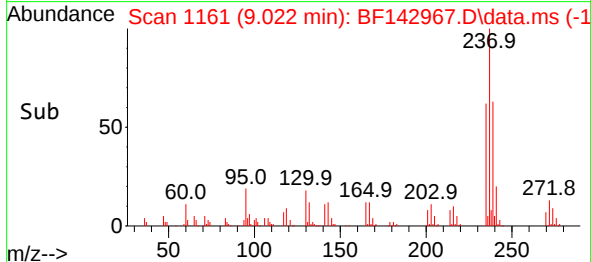
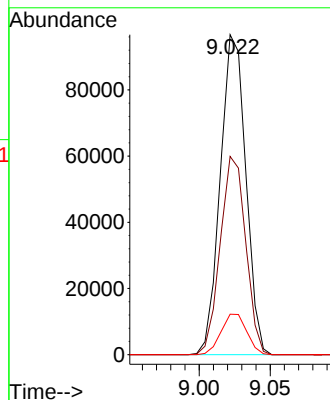
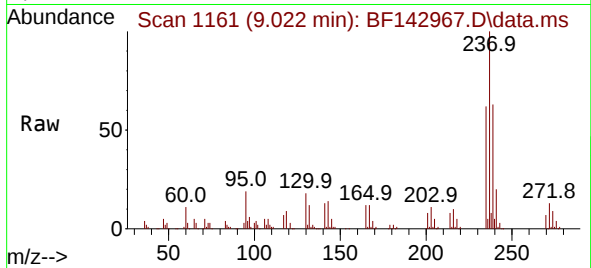




#41
Hexachlorocyclopentadiene
Concen: 61.779 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

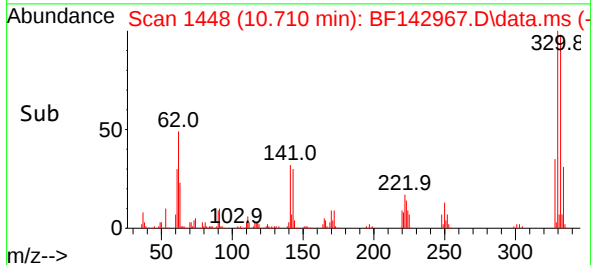
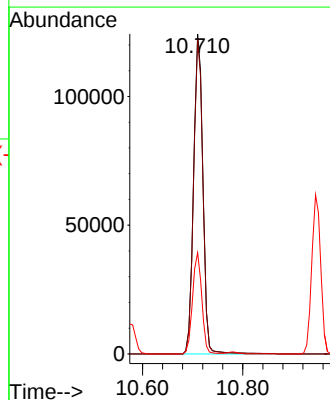
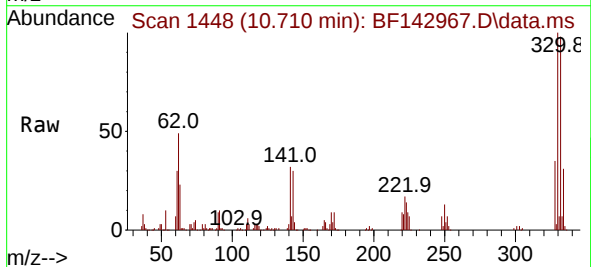
Instrument :
BNA_F
ClientSampleId :
TP-5MS

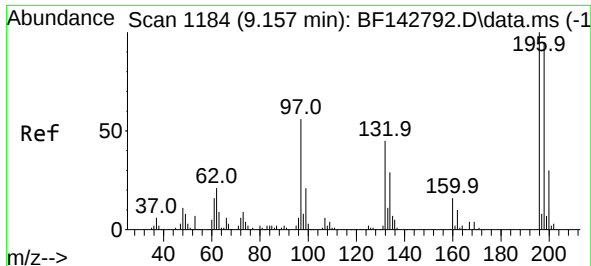
Tgt Ion:237 Resp: 120731
Ion Ratio Lower Upper
237 100
235 62.0 43.4 83.4
272 12.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 133.481 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:330 Resp: 160314
Ion Ratio Lower Upper
330 100
332 98.1 75.0 112.6
141 31.3 25.3 37.9

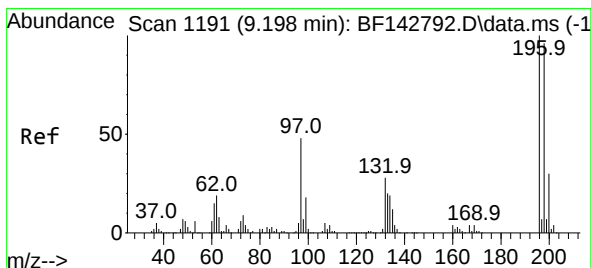
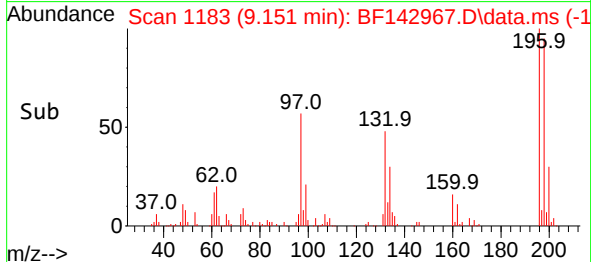
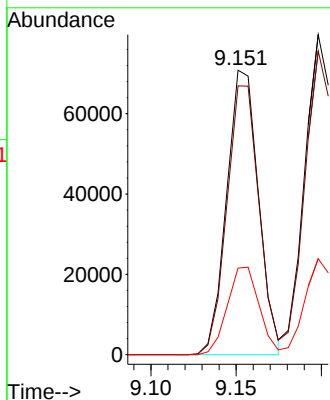
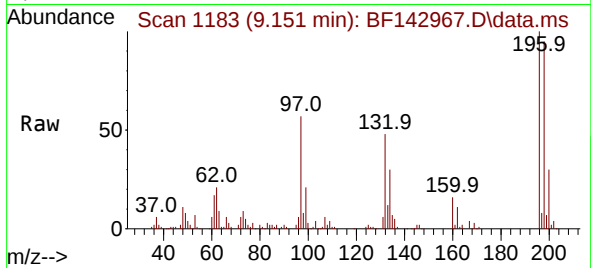




#43
2,4,6-Trichlorophenol
Concen: 41.056 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

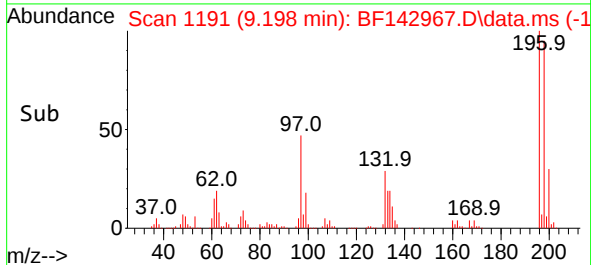
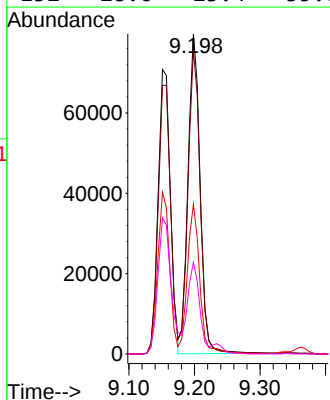
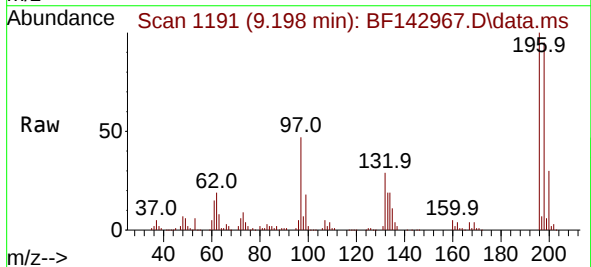
Instrument :
BNA_F
ClientSampleId :
TP-5MS

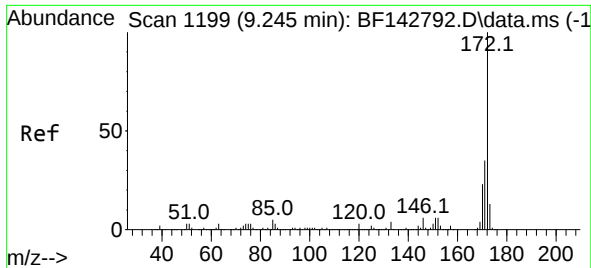
Tgt Ion:196 Resp: 92130
Ion Ratio Lower Upper
196 100
198 94.5 76.2 114.2
200 30.4 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 43.375 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:196 Resp: 102461
Ion Ratio Lower Upper
196 100
198 95.0 76.6 115.0
97 46.8 38.2 57.2
132 28.6 23.4 35.0

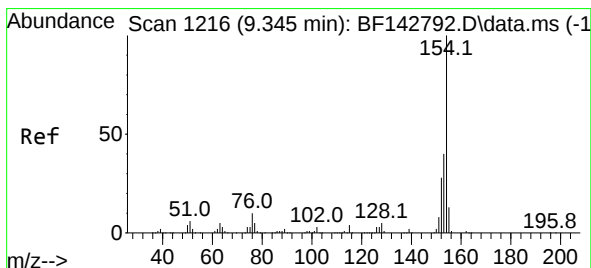
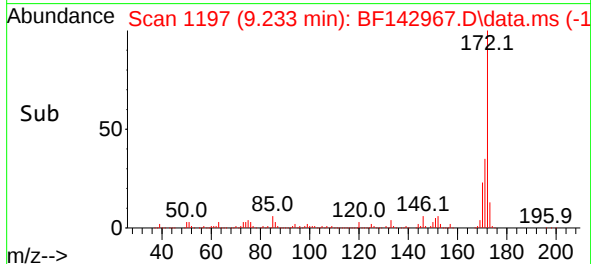
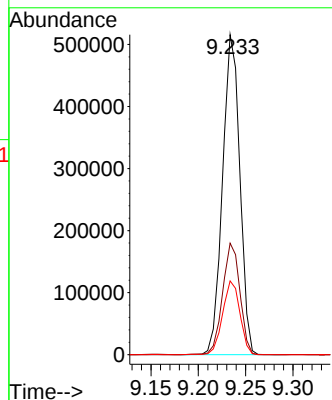
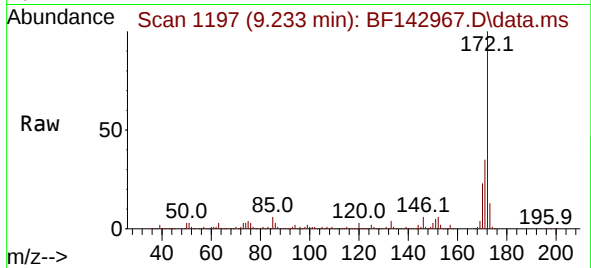




#45
2-Fluorobiphenyl
Concen: 73.749 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

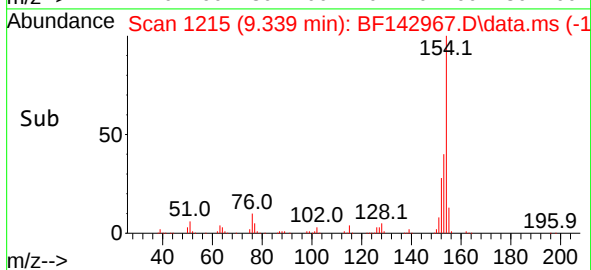
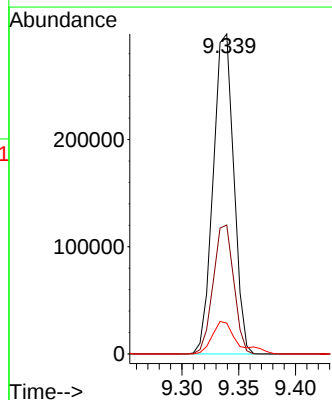
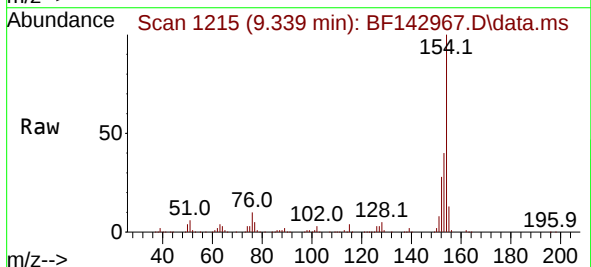
Instrument :
BNA_F
ClientSampleId :
TP-5MS

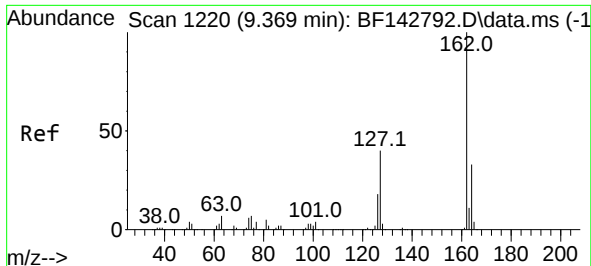
Tgt Ion:172 Resp: 655208
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.1 18.5 27.7



#46
1,1'-Biphenyl
Concen: 40.900 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:154 Resp: 377073
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 9.6 0.0 30.3

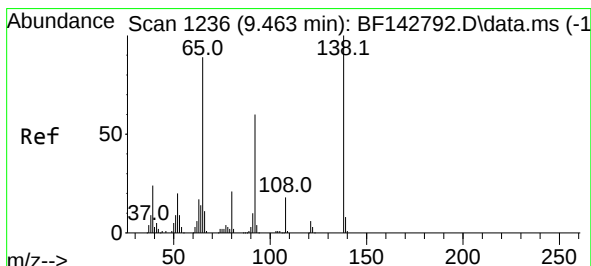
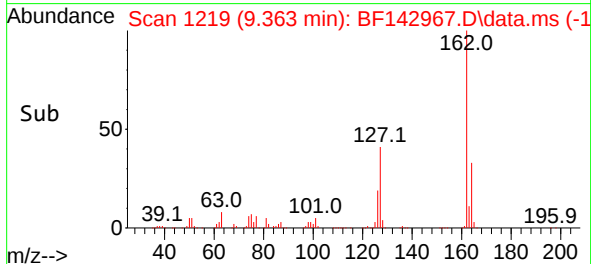
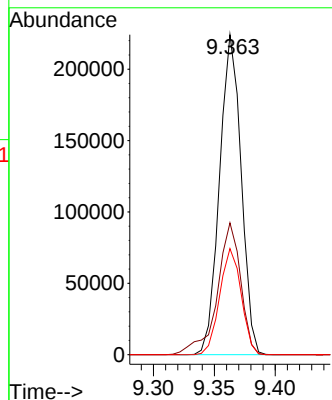
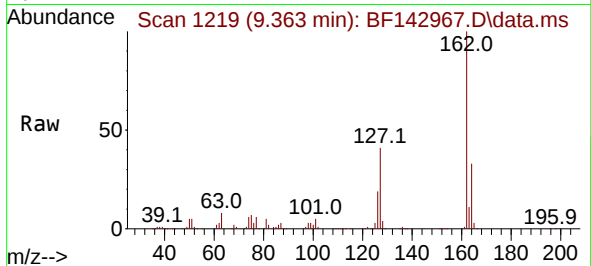




#47
2-Chloronaphthalene
Concen: 40.010 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

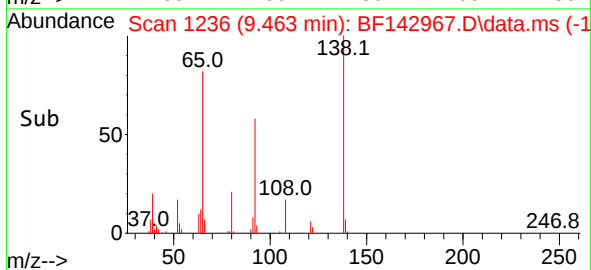
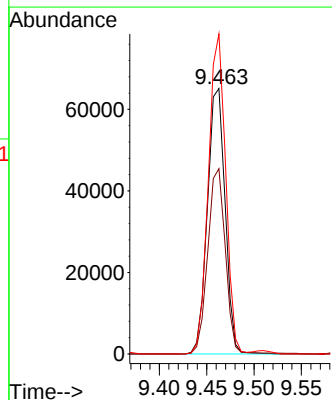
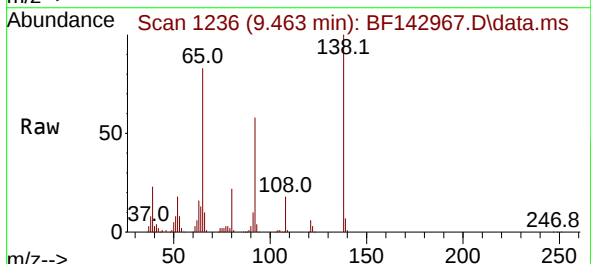
Instrument :
BNA_F
ClientSampleId :
TP-5MS

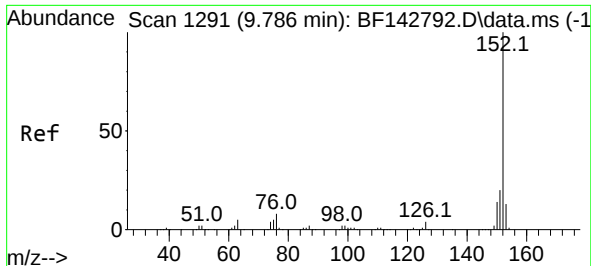
Tgt Ion:162 Resp: 276808
Ion Ratio Lower Upper
162 100
127 41.2 32.2 48.2
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 43.576 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion: 65 Resp: 84523
Ion Ratio Lower Upper
65 100
92 69.8 53.8 80.6
138 120.5 89.6 134.4

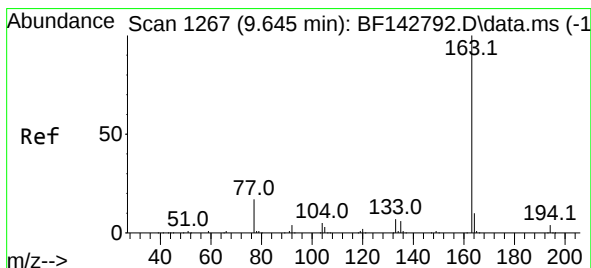
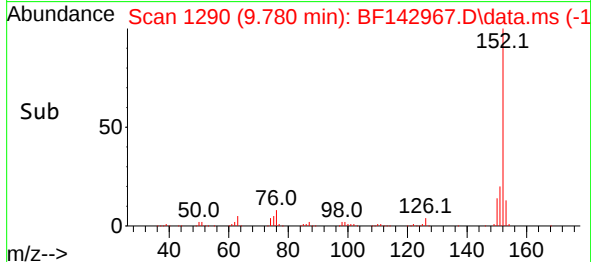
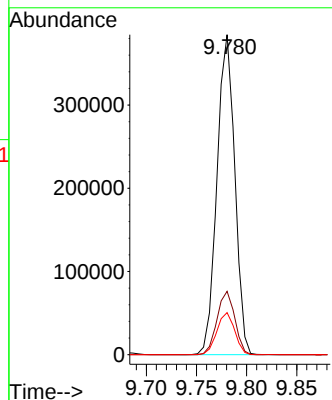
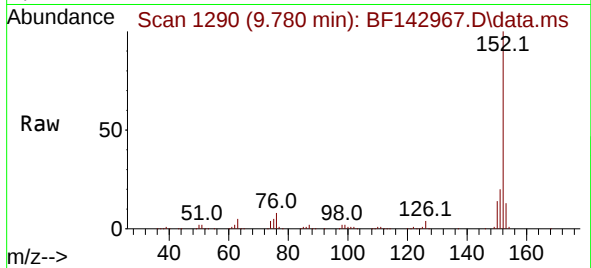




#49
Acenaphthylene
Concen: 41.678 ng
RT: 9.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

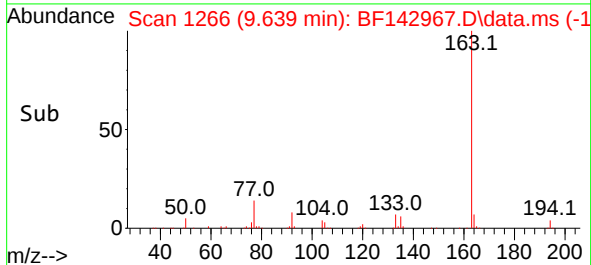
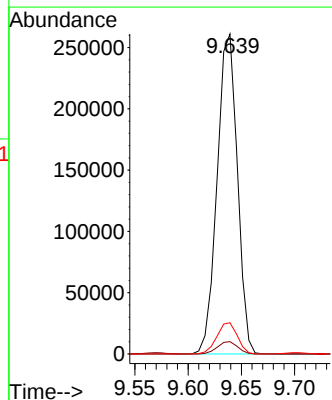
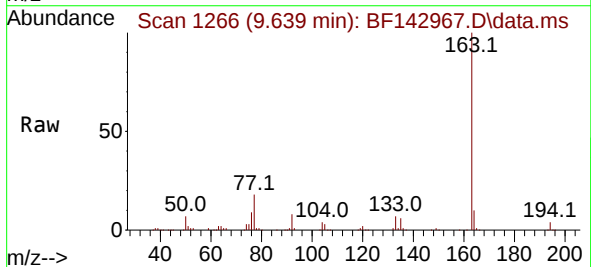
Instrument :
BNA_F
ClientSampleId :
TP-5MS

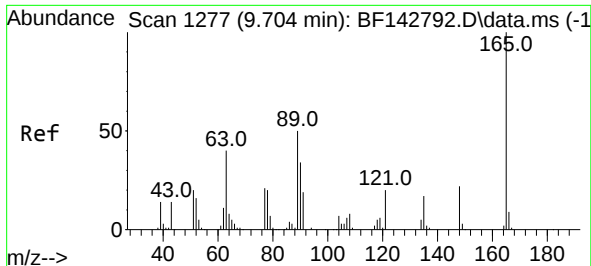
Tgt Ion:152 Resp: 474689
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 45.656 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:163 Resp: 344914
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 44.921 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

TP-5MS

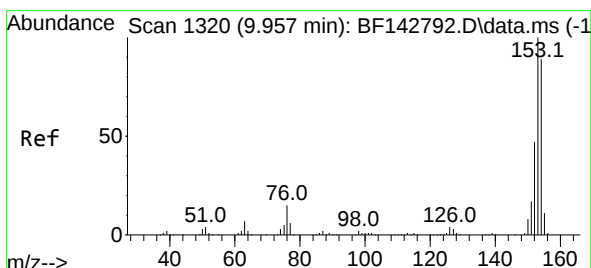
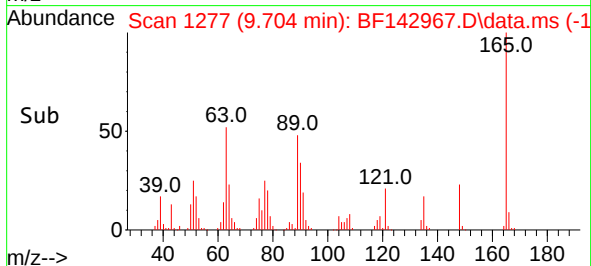
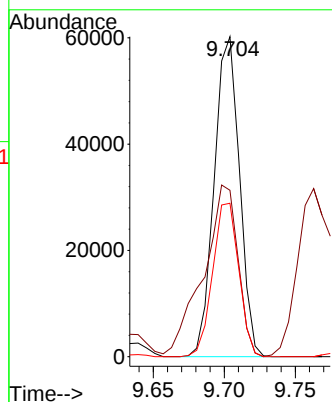
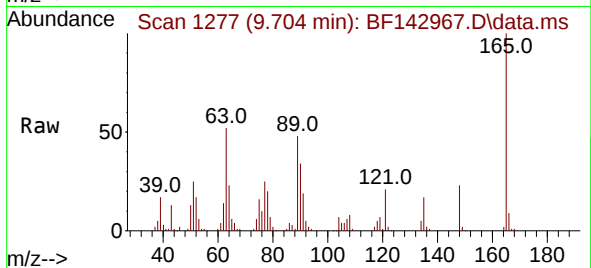
Tgt Ion:165 Resp: 74528

Ion Ratio Lower Upper

165 100

63 52.0 44.2 66.4

89 48.0 39.8 59.8



#52

Acenaphthene

Concen: 40.002 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

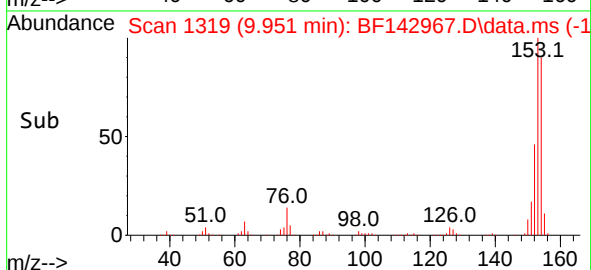
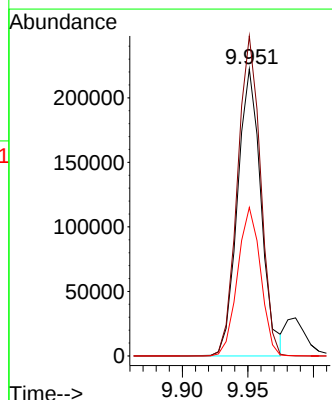
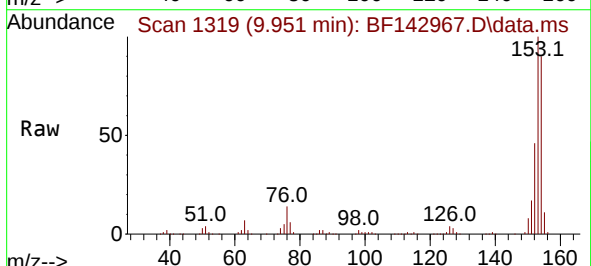
Tgt Ion:154 Resp: 277973

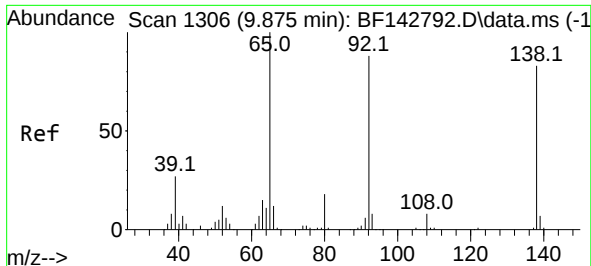
Ion Ratio Lower Upper

154 100

153 111.4 90.0 135.0

152 51.7 41.9 62.9

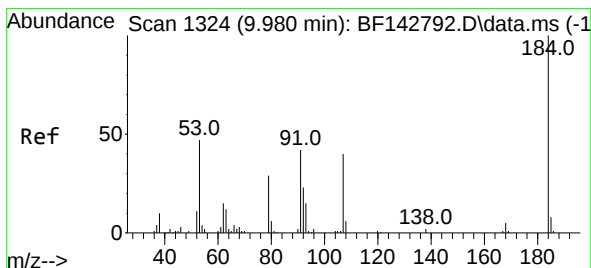
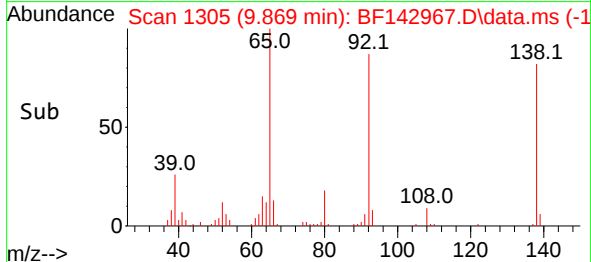
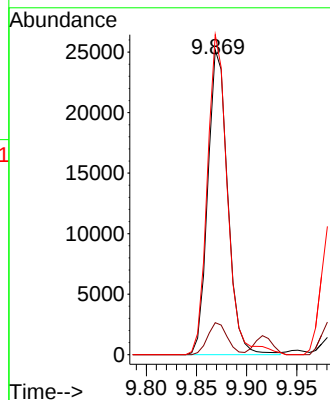
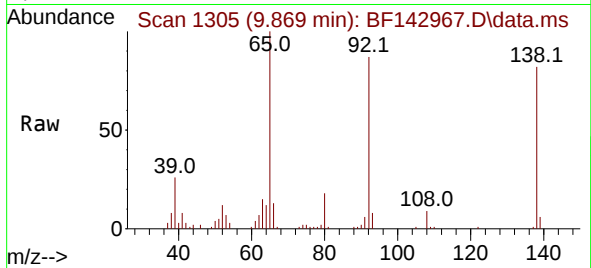




#53
3-Nitroaniline
Concen: 19.001 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

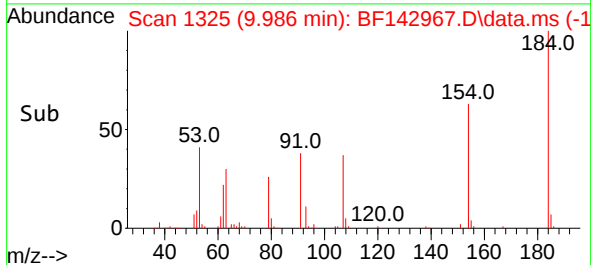
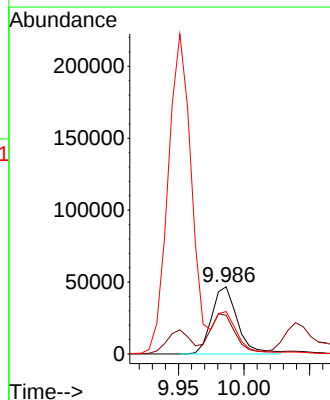
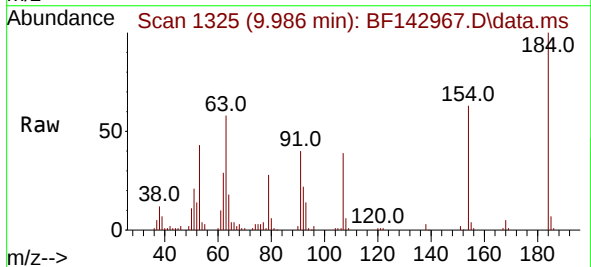
Instrument :
BNA_F
ClientSampleId :
TP-5MS

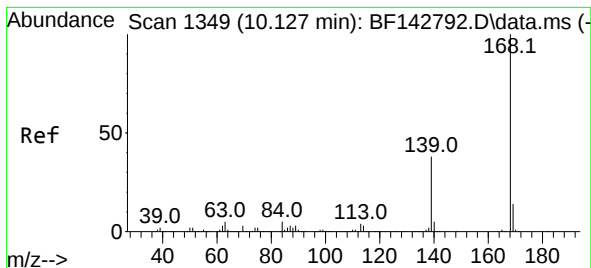
Tgt Ion:138 Resp: 34708
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 105.0 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 76.807 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:184 Resp: 63806
Ion Ratio Lower Upper
184 100
63 57.7 50.6 75.8
154 63.1 51.8 77.8





#55

Dibenzenofuran

Concen: 42.475 ng

RT: 10.122 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

TP-5MS

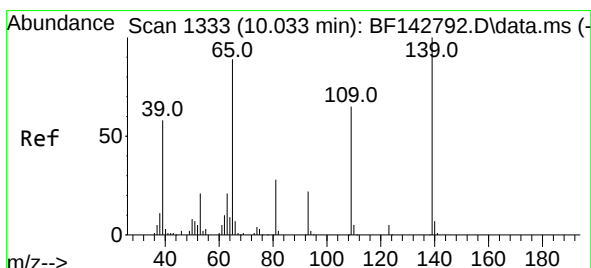
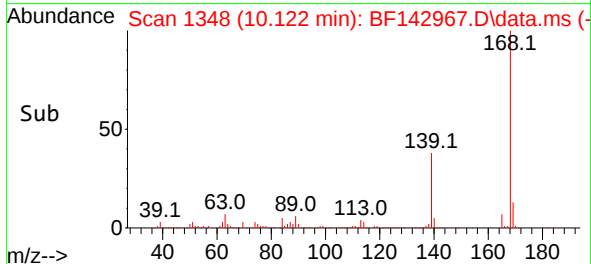
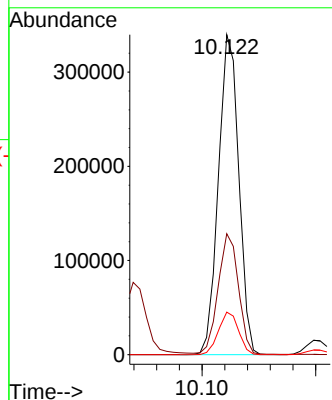
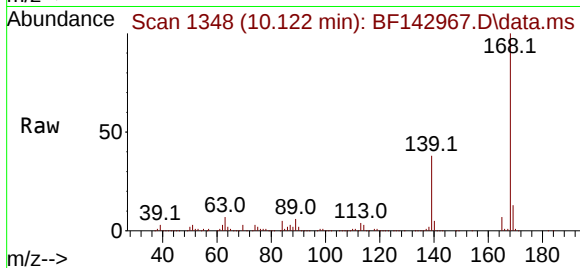
Tgt Ion:168 Resp: 423242

Ion Ratio Lower Upper

168 100

139 37.8 30.2 45.4

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 84.314 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

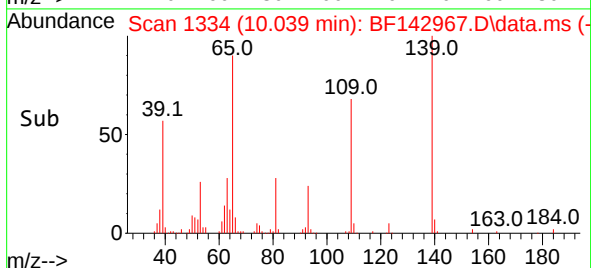
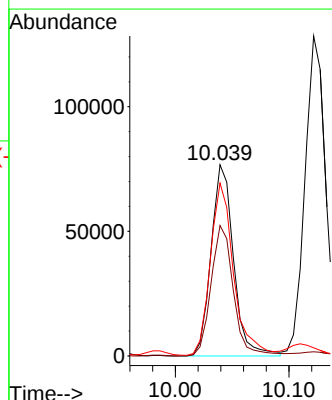
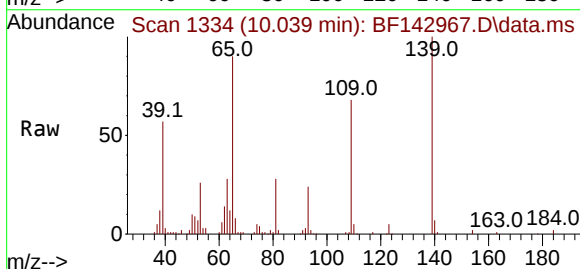
Tgt Ion:139 Resp: 105437

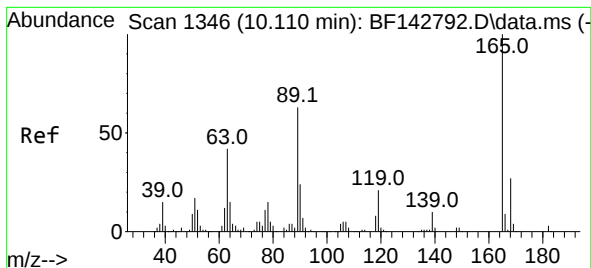
Ion Ratio Lower Upper

139 100

109 68.2 44.7 84.7

65 90.4 69.8 109.8

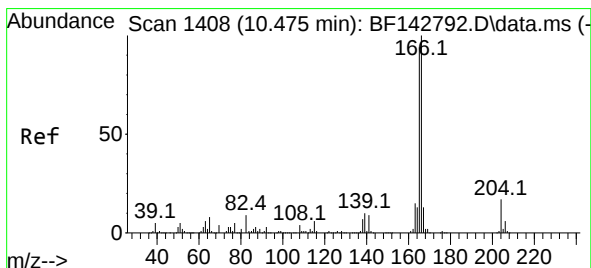
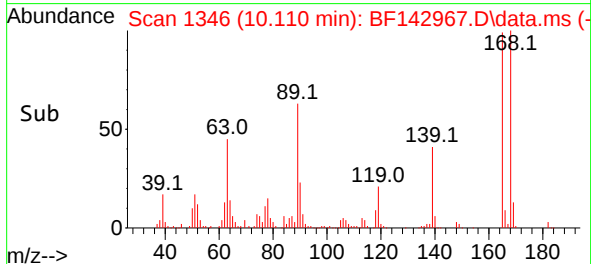
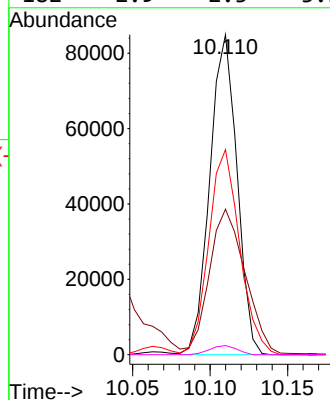
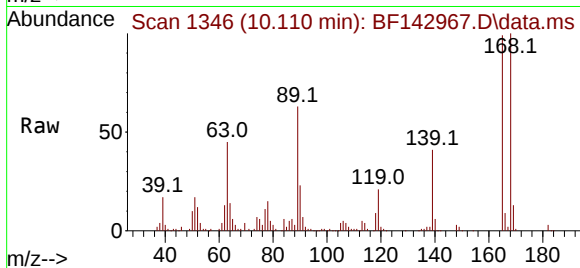




#57
2,4-Dinitrotoluene
Concen: 47.041 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

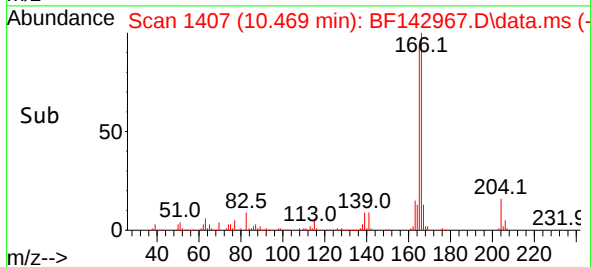
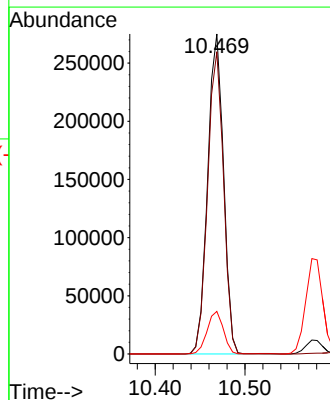
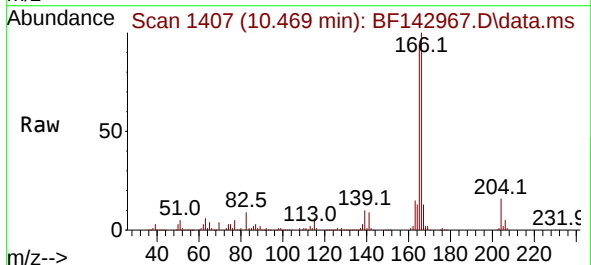
Instrument :
BNA_F
ClientSampleId :
TP-5MS

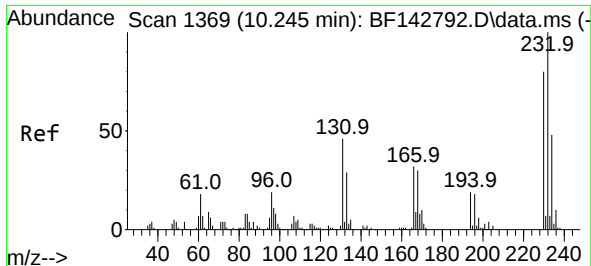
Tgt Ion:165 Resp: 103666
Ion Ratio Lower Upper
165 100
63 45.5 33.9 50.9
89 64.1 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 43.489 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:166 Resp: 338443
Ion Ratio Lower Upper
166 100
165 94.4 75.2 112.8
167 13.3 10.6 15.8

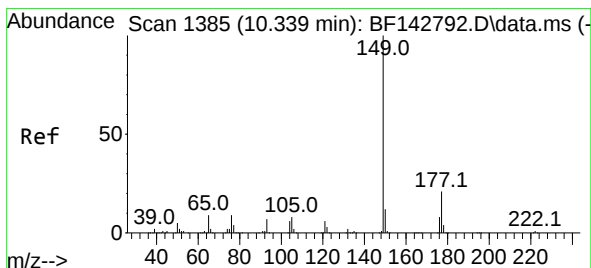
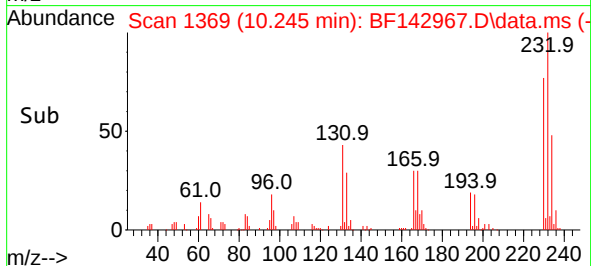
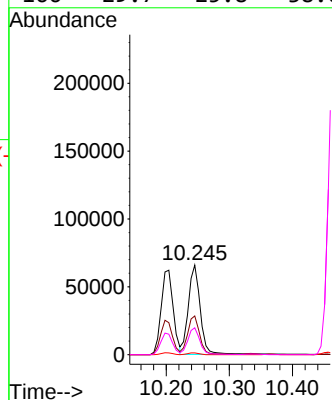
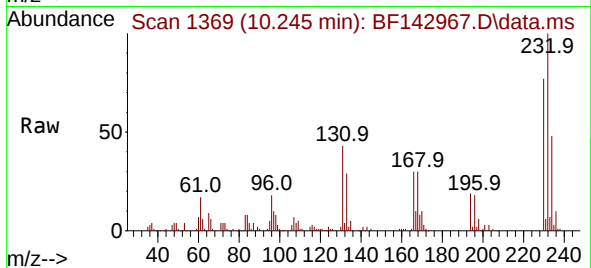




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.575 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

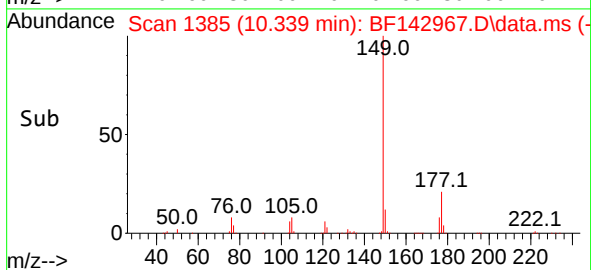
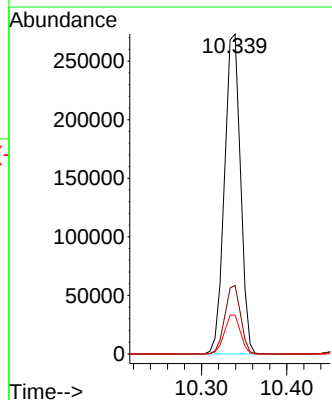
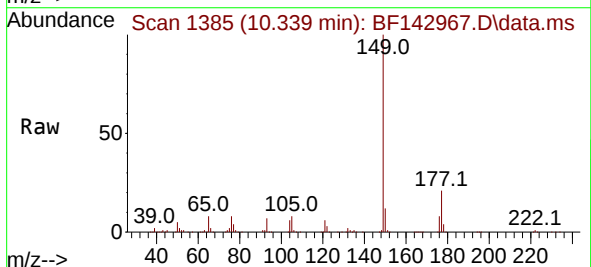
Instrument :
BNA_F
ClientSampleId :
TP-5MS

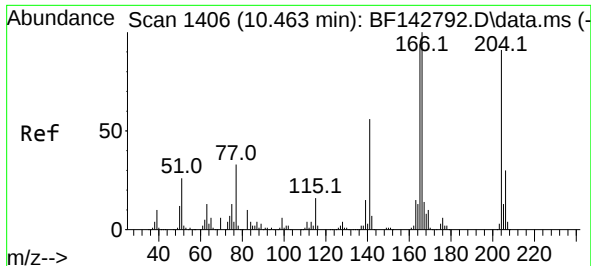
Tgt Ion:232 Resp: 86779
Ion Ratio Lower Upper
232 100
131 42.3 37.6 56.4
130 2.0 1.7 2.5
166 29.7 25.8 38.6



#60
Diethylphthalate
Concen: 48.188 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:149 Resp: 356939
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.2 9.8 14.6

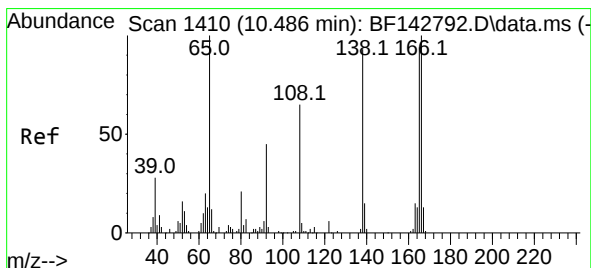
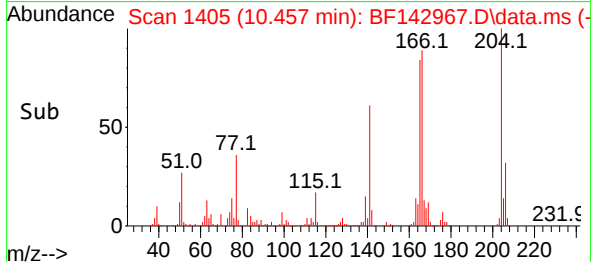
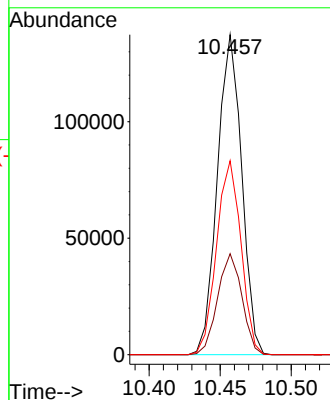
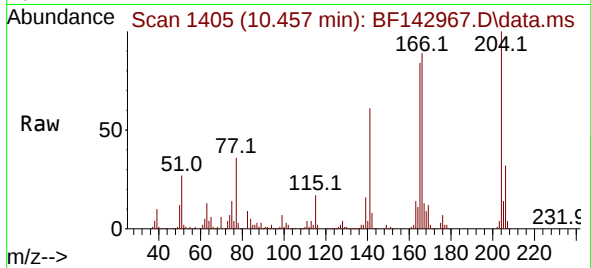




#61
4-Chlorophenyl-phenylether
Concen: 44.051 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

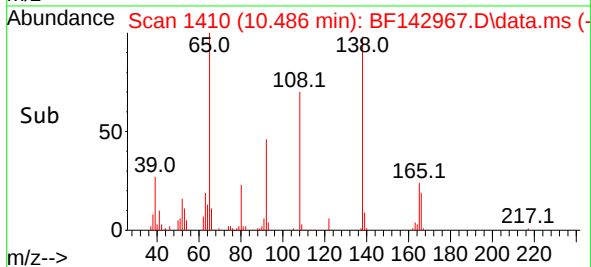
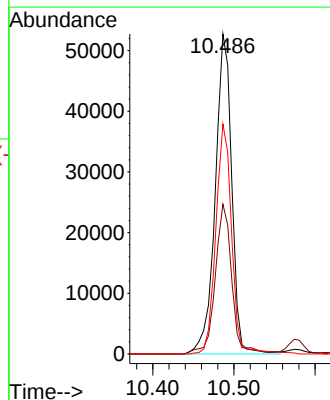
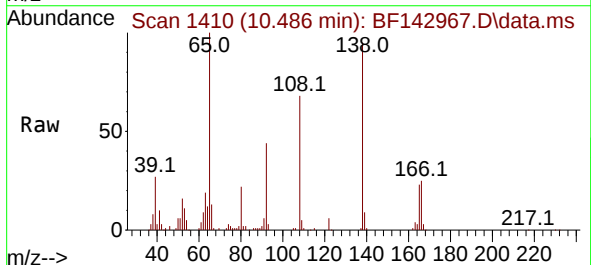
Instrument :
BNA_F
ClientSampleId :
TP-5MS

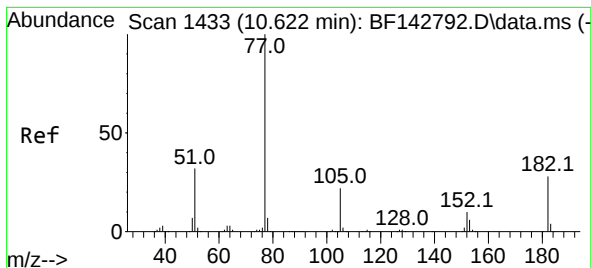
Tgt Ion:204 Resp: 163585
Ion Ratio Lower Upper
204 100
206 31.5 26.3 39.5
141 60.6 49.1 73.7



#62
4-Nitroaniline
Concen: 44.785 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:138 Resp: 74818
Ion Ratio Lower Upper
138 100
92 46.8 28.4 68.4
108 71.8 50.2 90.2





#63

Azobenzene

Concen: 42.795 ng

RT: 10.616 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

TP-5MS

Tgt Ion: 77 Resp: 283317

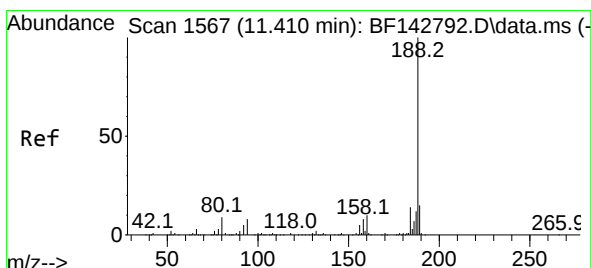
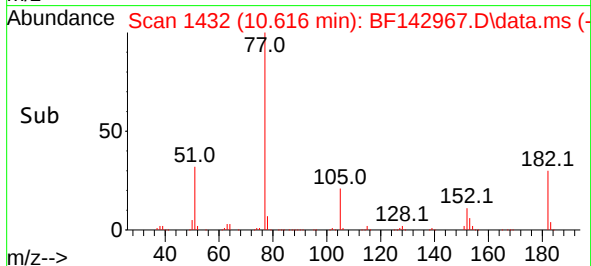
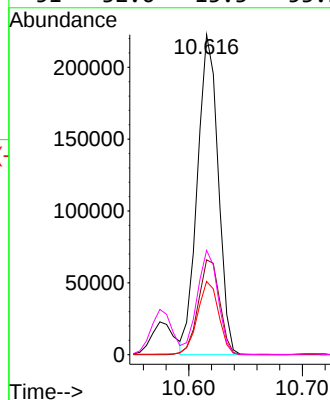
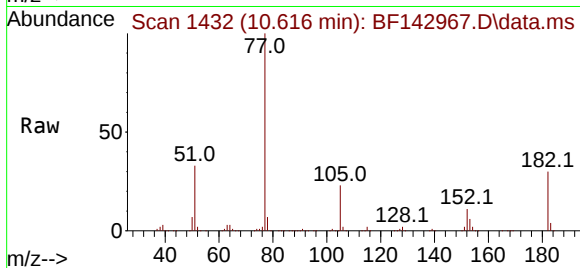
Ion Ratio Lower Upper

77 100

182 29.6 7.7 47.7

105 22.9 1.9 41.9

51 32.6 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

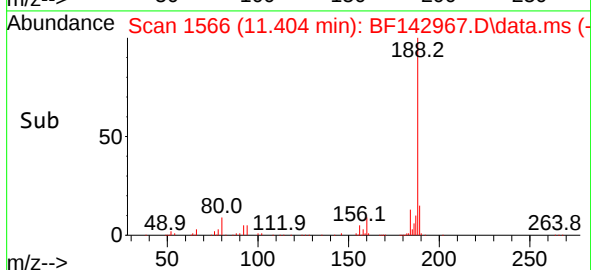
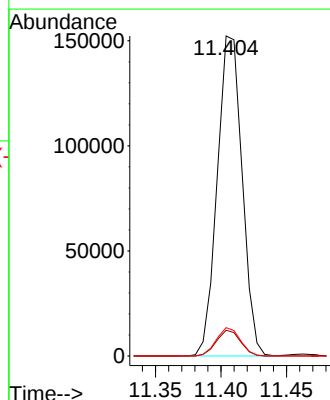
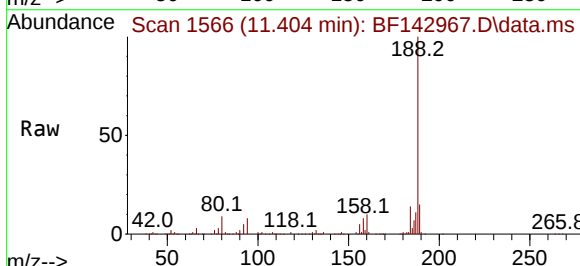
Tgt Ion:188 Resp: 201225

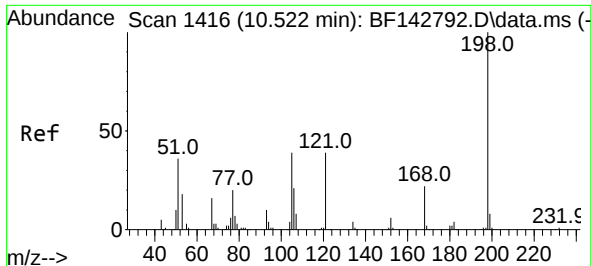
Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 8.9 6.9 10.3

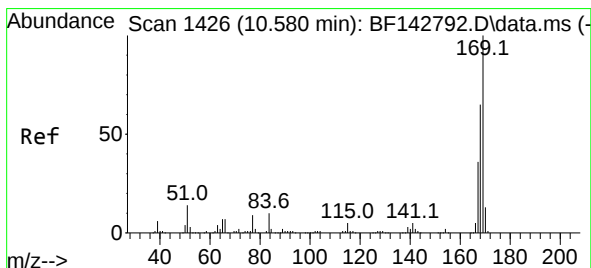
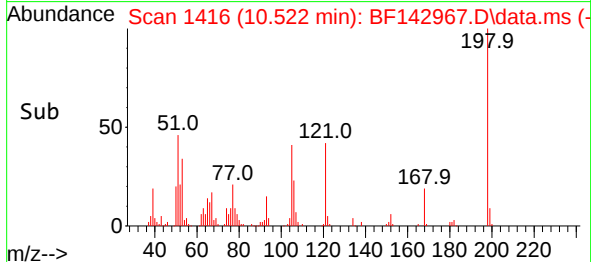
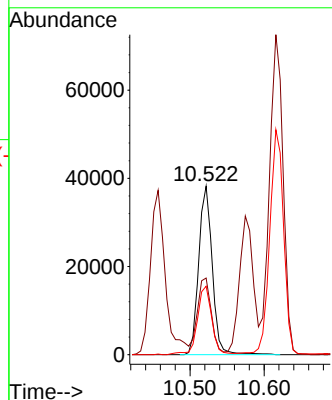
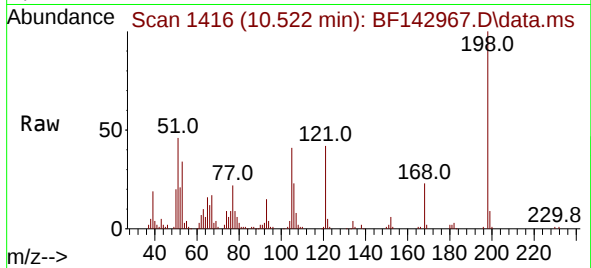




#65
4,6-Dinitro-2-methylphenol
Concen: 39.972 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

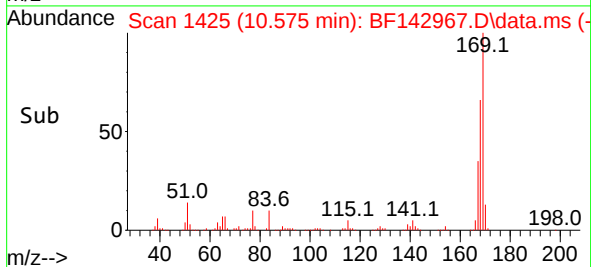
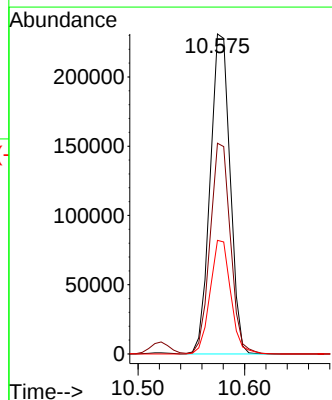
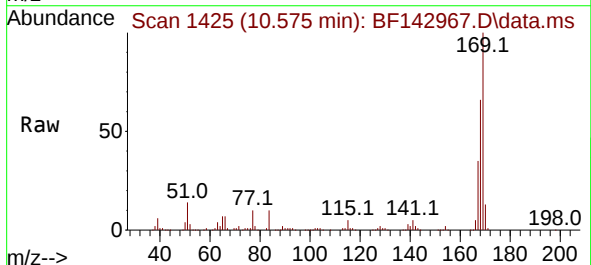
Instrument :
BNA_F
ClientSampleId :
TP-5MS

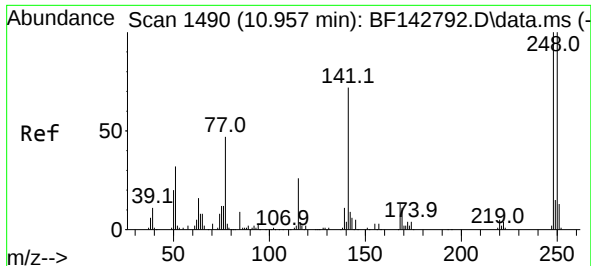
Tgt Ion:198 Resp: 48652
Ion Ratio Lower Upper
198 100
51 45.5 25.4 65.4
105 40.7 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 43.041 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:169 Resp: 300169
Ion Ratio Lower Upper
169 100
168 65.8 51.9 77.9
167 35.5 28.5 42.7

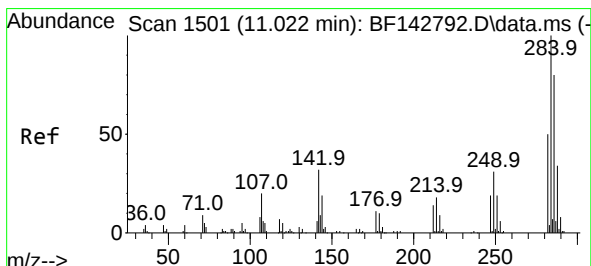
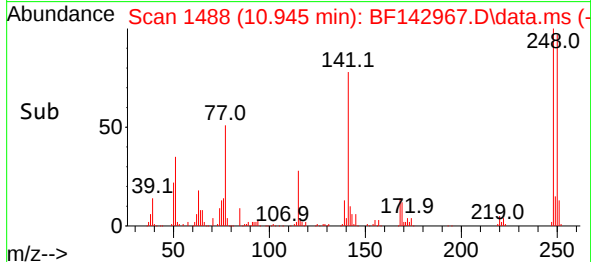
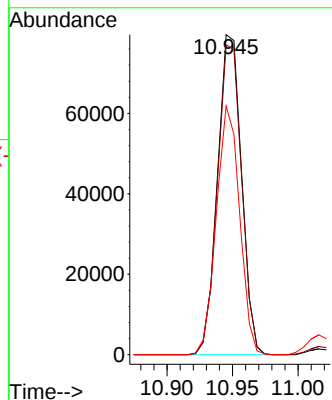
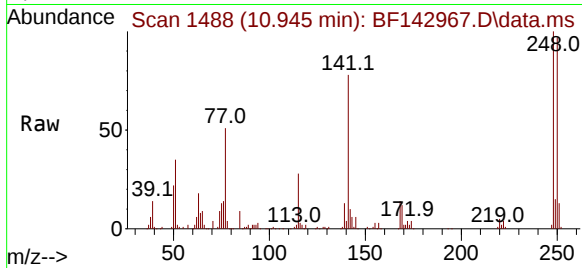




#67
4-Bromophenyl-phenylether
Concen: 44.301 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

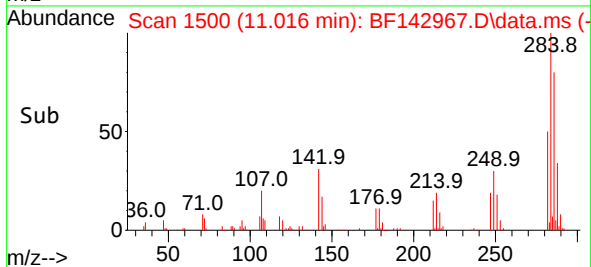
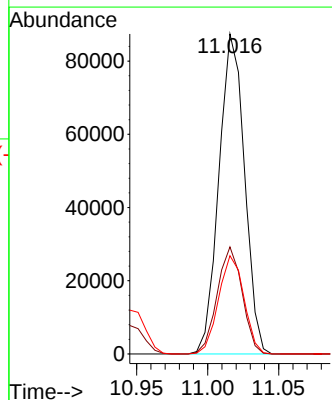
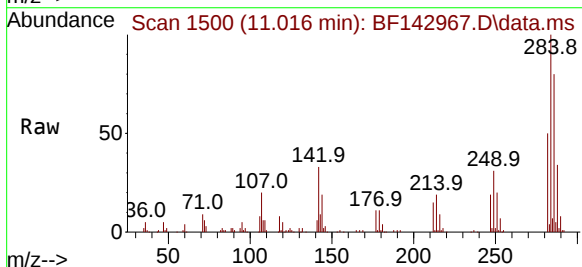
Instrument :
BNA_F
ClientSampleId :
TP-5MS

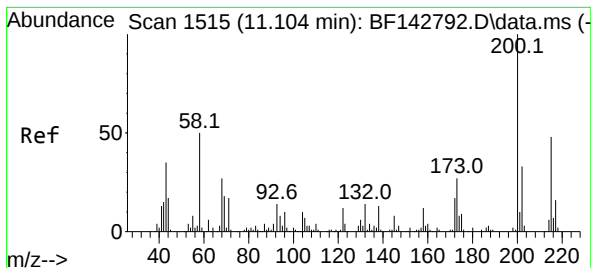
Tgt Ion:248 Resp: 101456
Ion Ratio Lower Upper
248 100
250 96.9 79.8 119.8
141 77.7 57.8 86.6



#68
Hexachlorobenzene
Concen: 43.056 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:284 Resp: 109566
Ion Ratio Lower Upper
284 100
142 33.5 25.5 38.3
249 30.7 24.9 37.3





#69

Atrazine

Concen: 52.118 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

TP-5MS

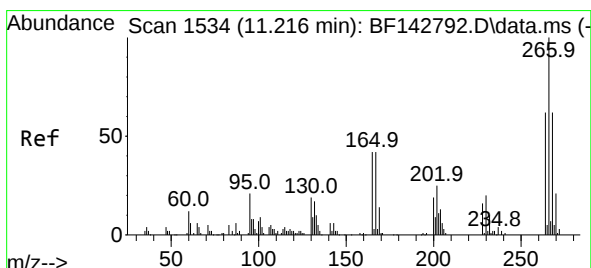
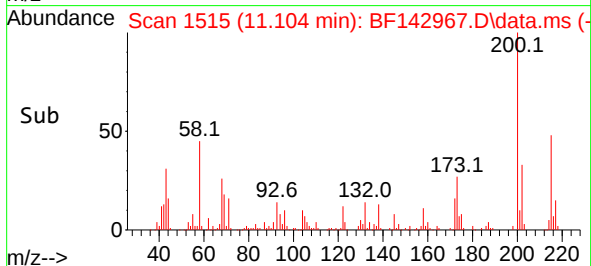
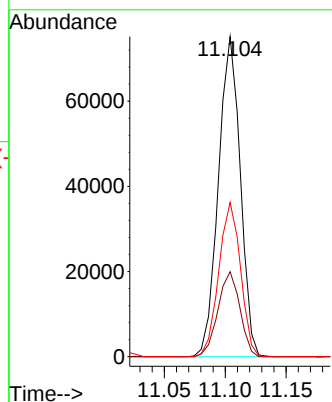
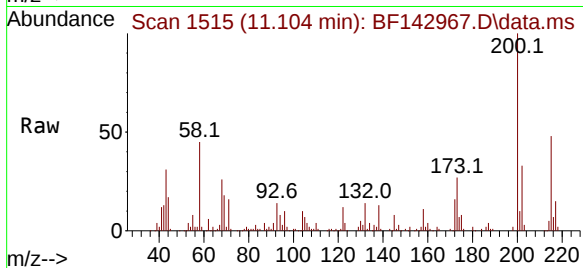
Tgt Ion:200 Resp: 93859

Ion Ratio Lower Upper

200 100

173 26.5 7.4 47.4

215 48.2 28.4 68.4



#70

Pentachlorophenol

Concen: 91.055 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

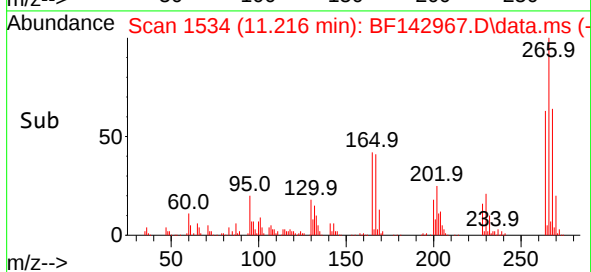
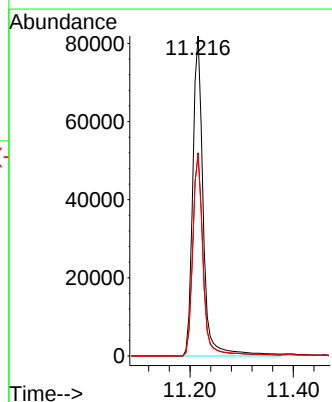
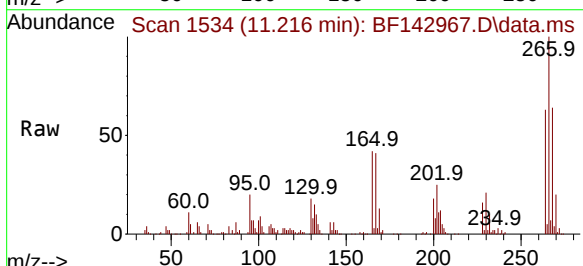
Tgt Ion:266 Resp: 115461

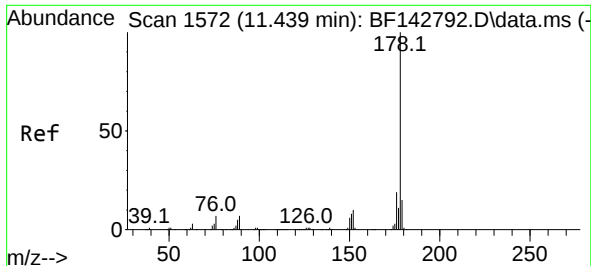
Ion Ratio Lower Upper

266 100

268 63.5 49.8 74.8

264 62.8 49.9 74.9

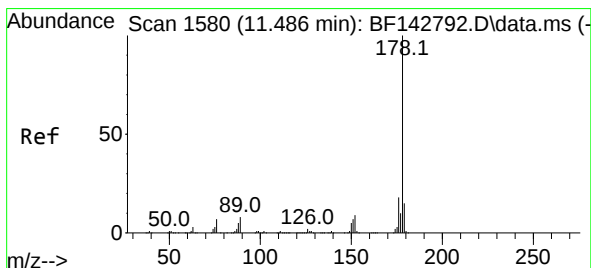
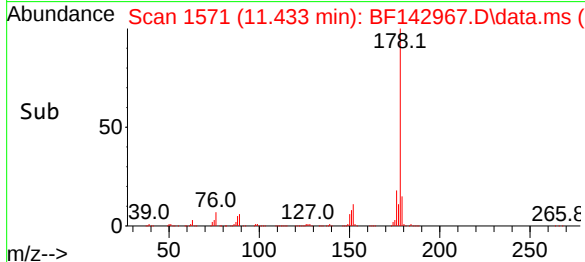
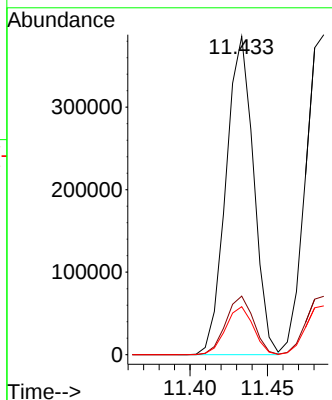
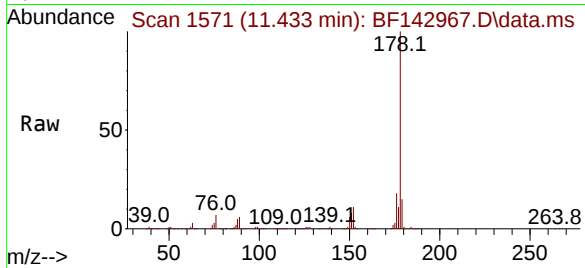




#71
Phenanthrene
Concen: 43.855 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

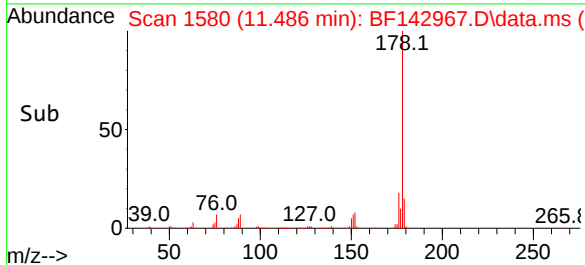
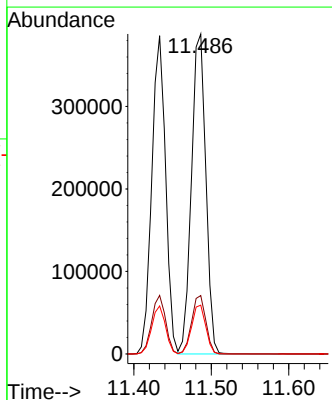
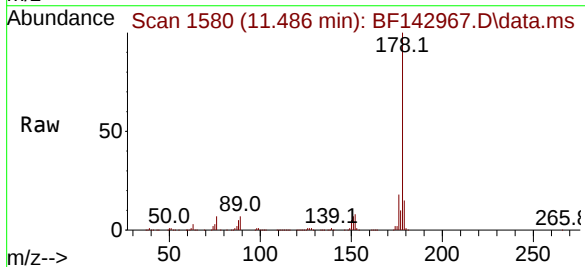
Instrument :
BNA_F
ClientSampleId :
TP-5MS

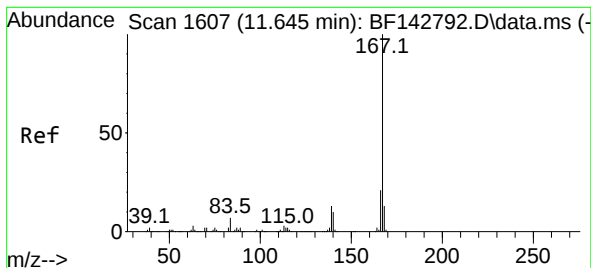
Tgt Ion:178 Resp: 478040
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.1 12.0 18.0



#72
Anthracene
Concen: 44.632 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:178 Resp: 498958
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.2 12.4 18.6





#73

Carbazole

Concen: 45.424 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

TP-5MS

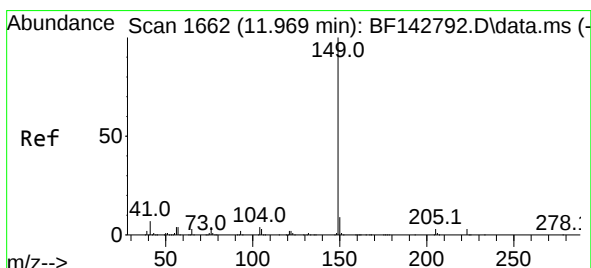
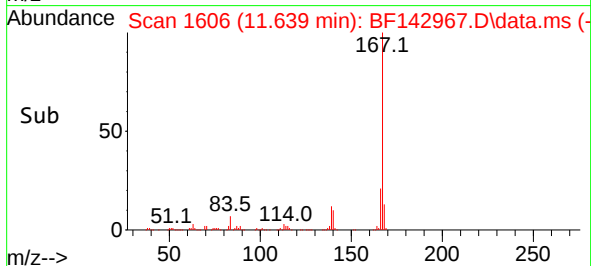
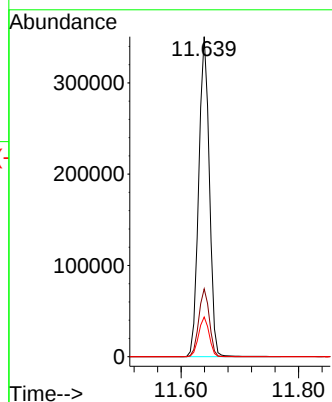
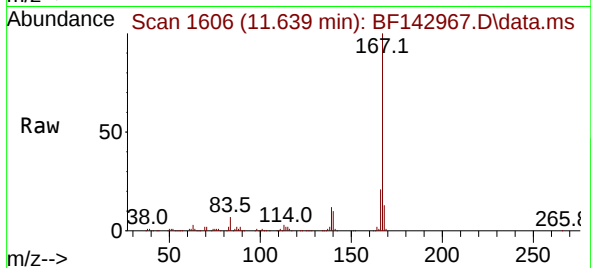
Tgt Ion:167 Resp: 438222

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 12.4 10.2 15.2



#74

Di-n-butylphthalate

Concen: 53.187 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

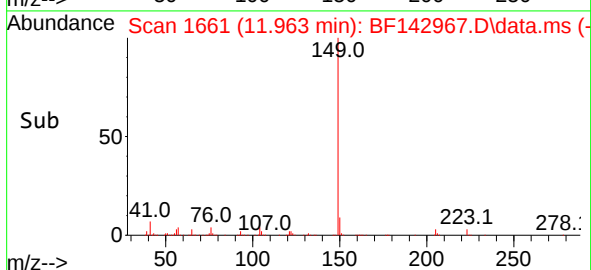
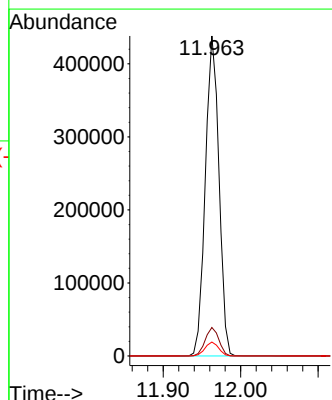
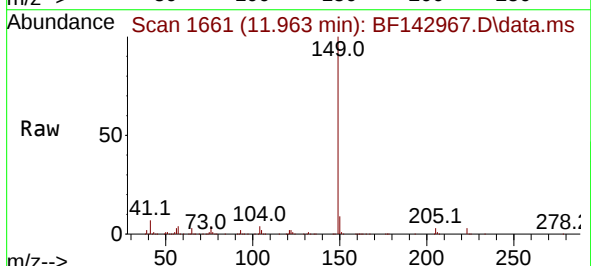
Tgt Ion:149 Resp: 534534

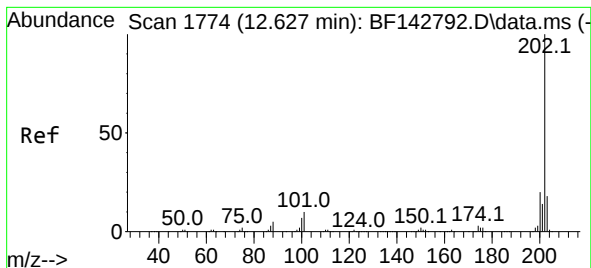
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 44.814 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

TP-5MS

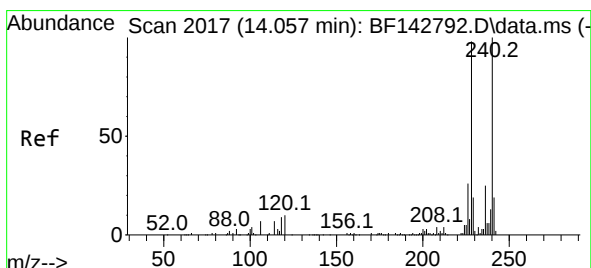
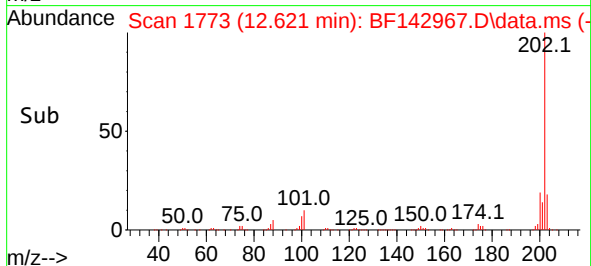
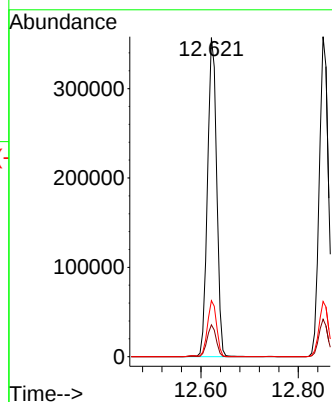
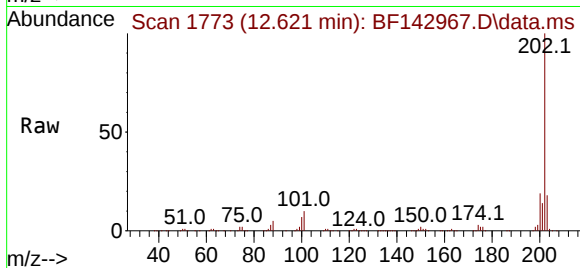
Tgt Ion:202 Resp: 463597

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.7

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

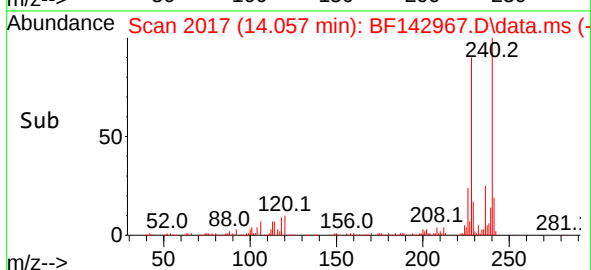
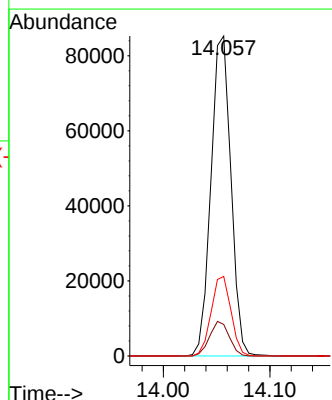
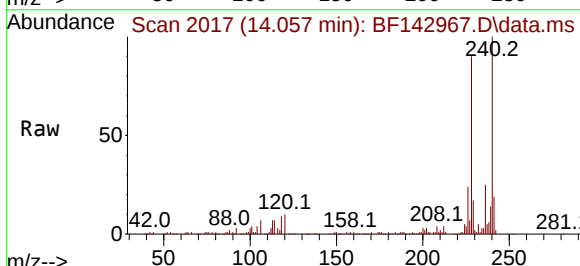
Tgt Ion:240 Resp: 110809

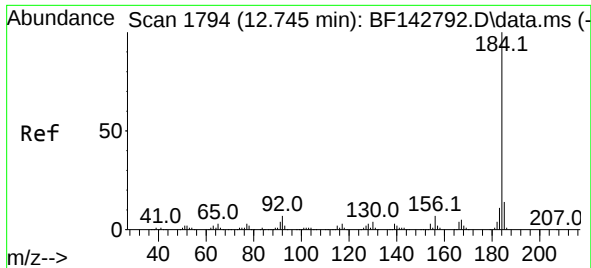
Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.2

236 24.8 19.8 29.8

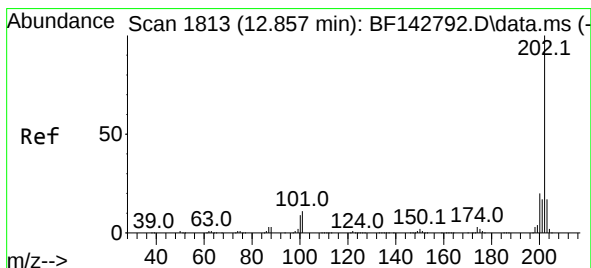
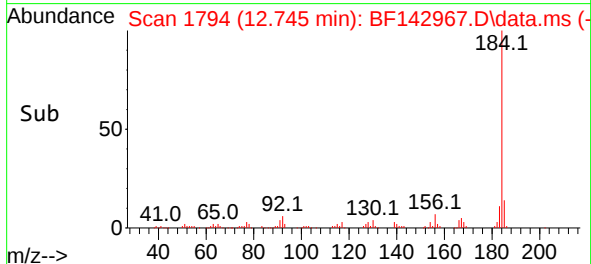
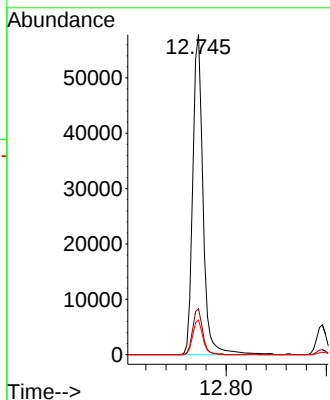
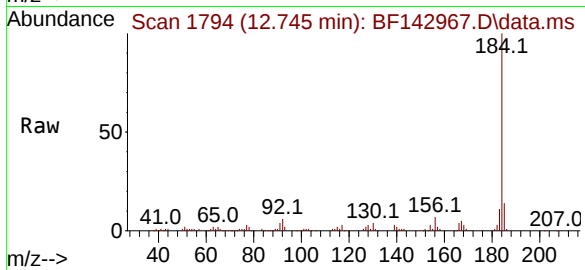




#77
Benzidine
Concen: 19.785 ng
RT: 12.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

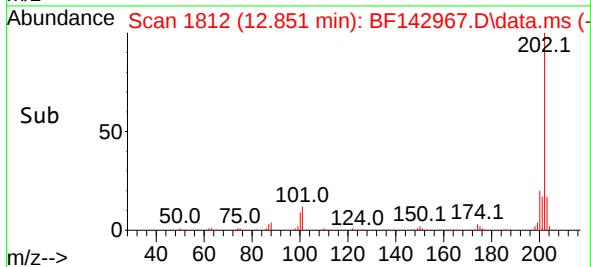
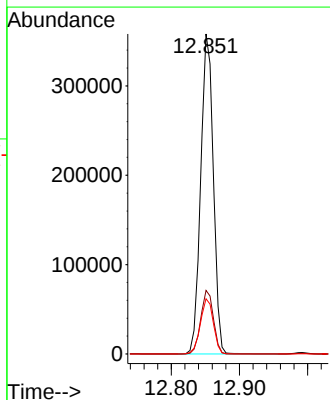
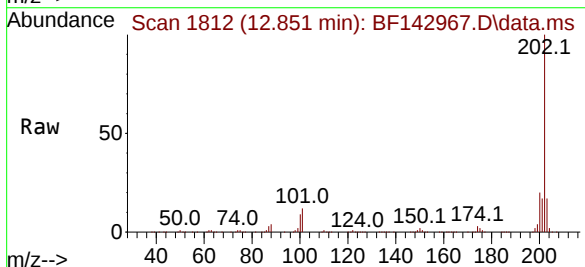
Instrument :
BNA_F
ClientSampleId :
TP-5MS

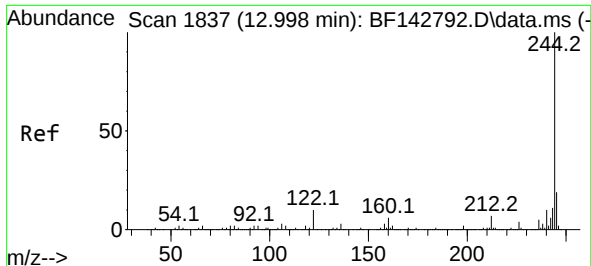
Tgt Ion:184 Resp: 82369
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 10.8 9.0 13.4



#78
Pyrene
Concen: 44.449 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:202 Resp: 461671
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.3 13.8 20.6

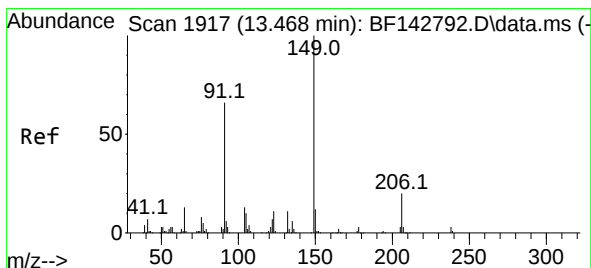
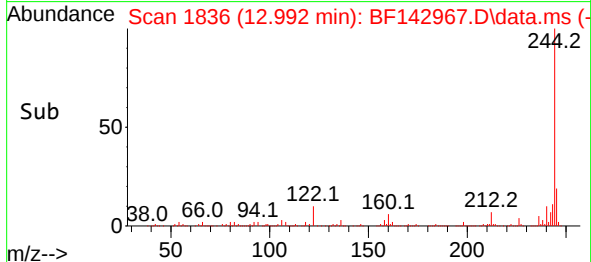
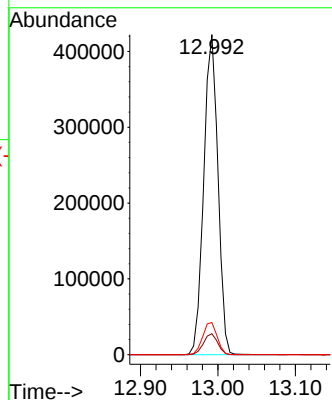
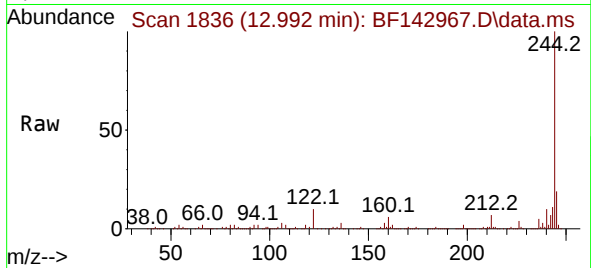




#79
 Terphenyl-d14
 Concen: 66.923 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142967.D
 Acq: 02 Jul 2025 13:16

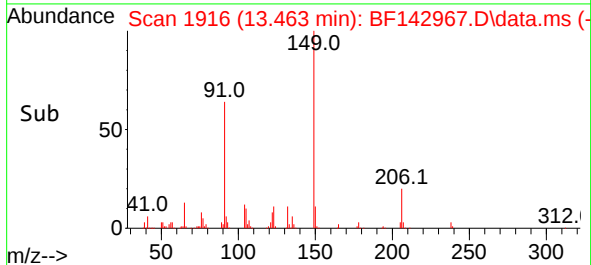
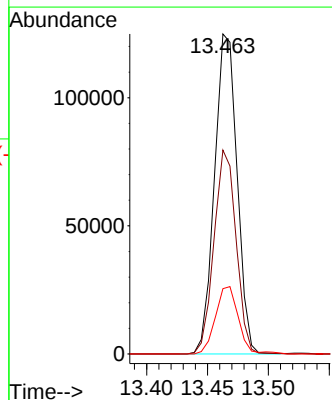
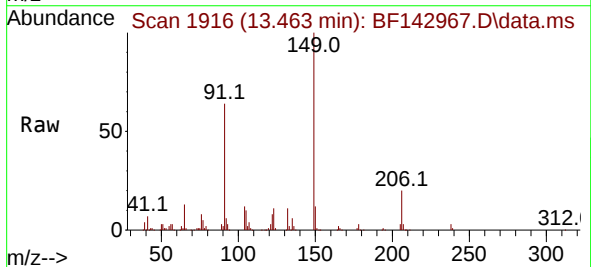
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MS

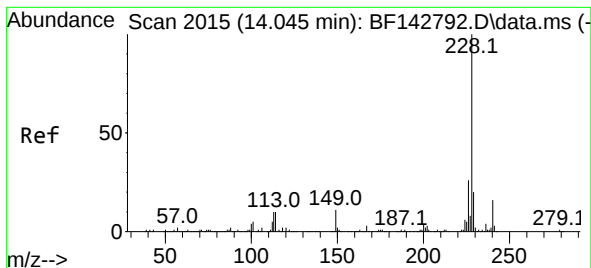
Tgt Ion:244 Resp: 536707
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.0 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 53.543 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF142967.D
 Acq: 02 Jul 2025 13:16

Tgt Ion:149 Resp: 161317
 Ion Ratio Lower Upper
 149 100
 91 63.7 52.9 79.3
 206 20.4 16.3 24.5





#81

Benzo(a)anthracene

Concen: 45.518 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

TP-5MS

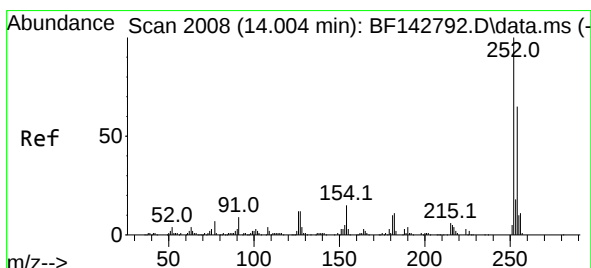
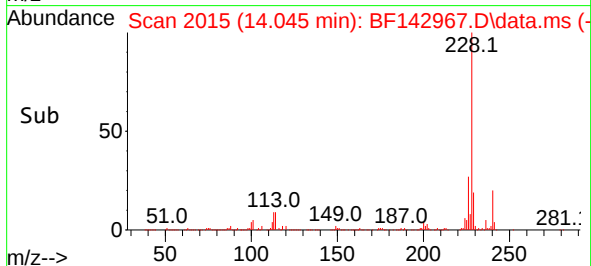
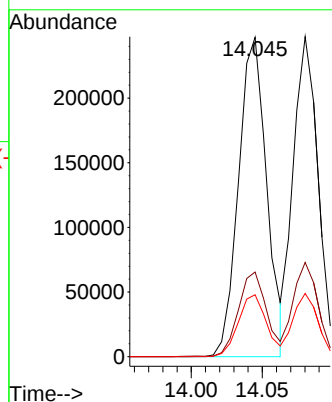
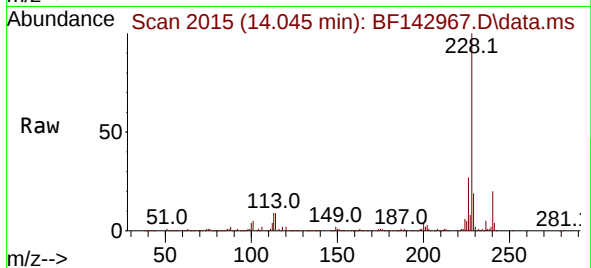
Tgt Ion:228 Resp: 340260

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 15.917 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

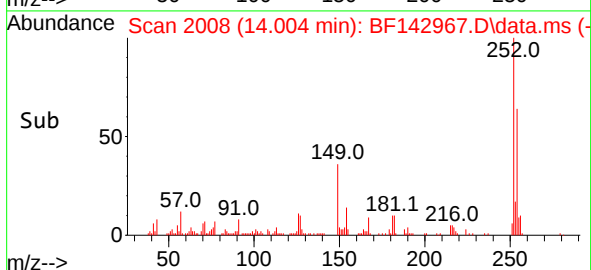
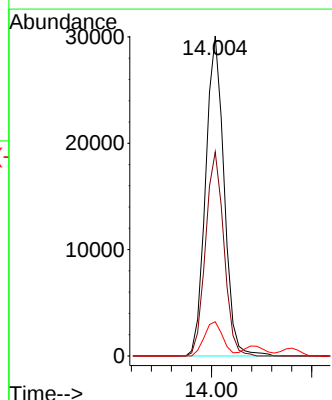
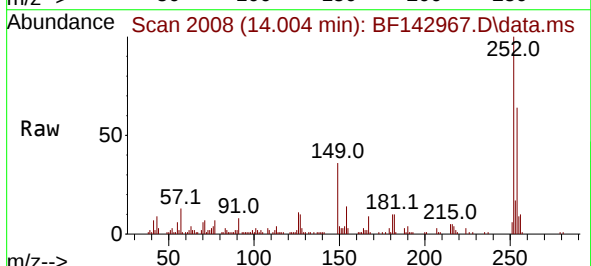
Tgt Ion:252 Resp: 38594

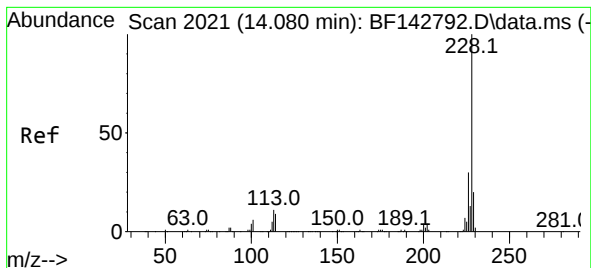
Ion Ratio Lower Upper

252 100

254 63.8 51.7 77.5

126 10.7 9.4 14.2





#83

Chrysene

Concen: 45.172 ng

RT: 14.080 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

TP-5MS

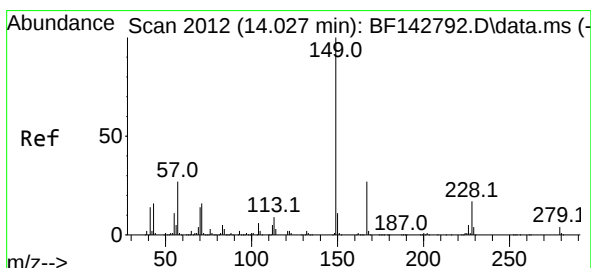
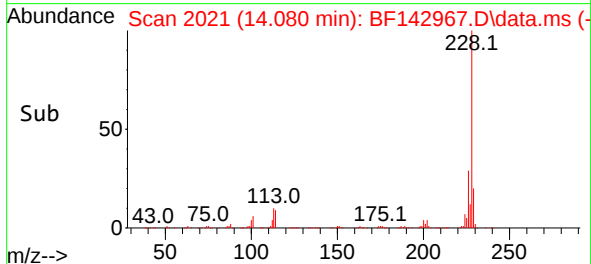
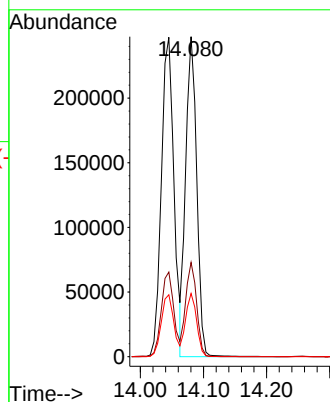
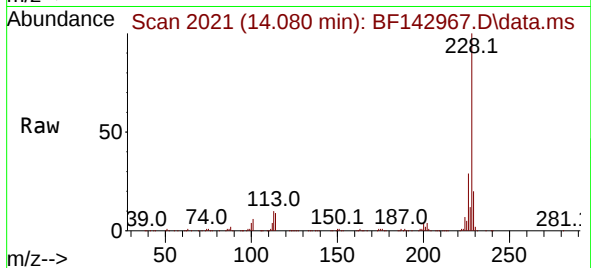
Tgt Ion:228 Resp: 301314

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.433 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142967.D

Acq: 02 Jul 2025 13:16

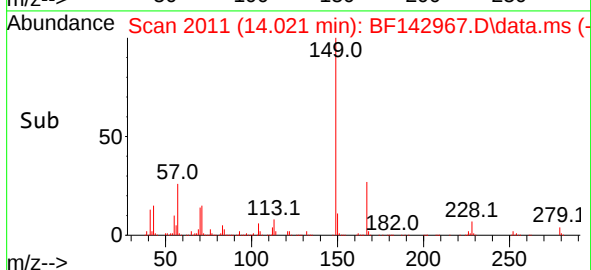
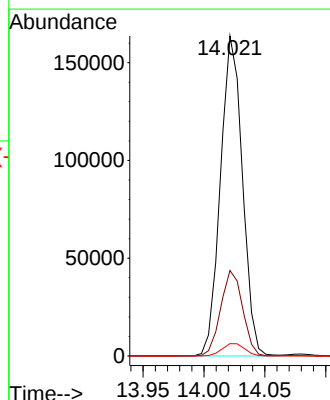
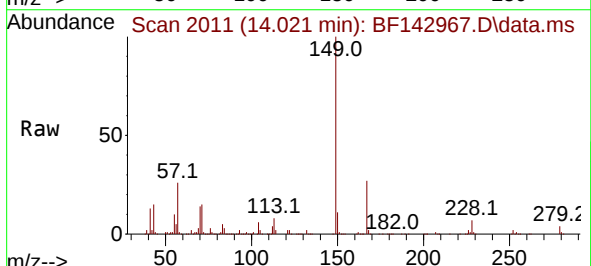
Tgt Ion:149 Resp: 205616

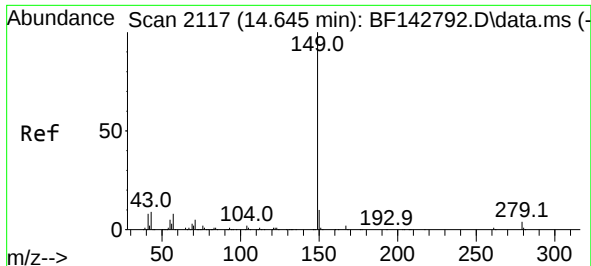
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 3.8 3.0 4.6

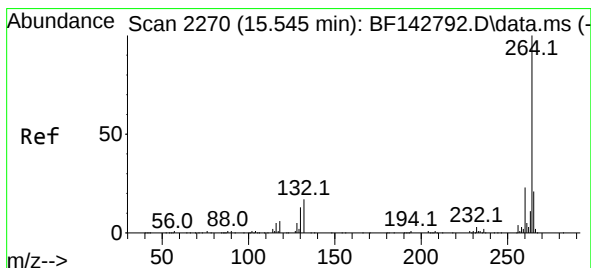
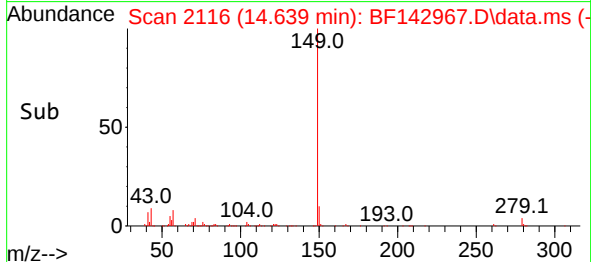
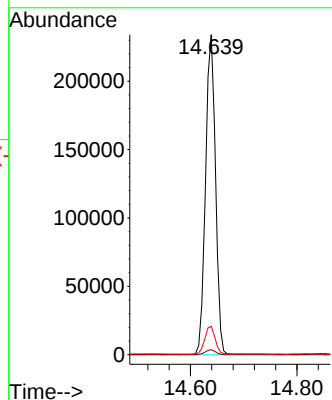
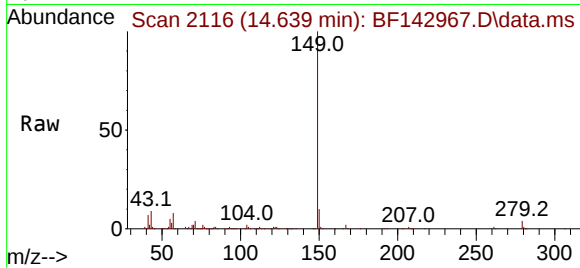




#85
Di-n-octyl phthalate
Concen: 37.115 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

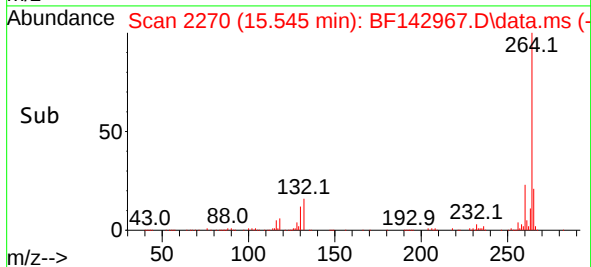
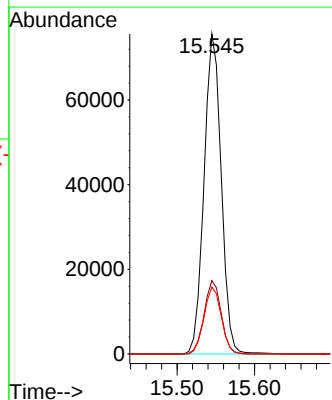
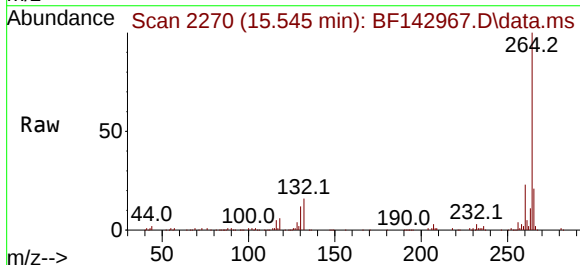
Instrument :
BNA_F
ClientSampleId :
TP-5MS

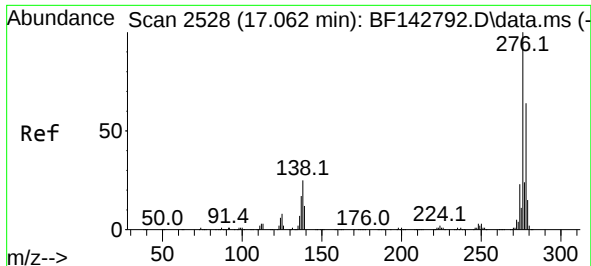
Tgt Ion:149 Resp: 303371
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:264 Resp: 116324
Ion Ratio Lower Upper
264 100
260 22.9 18.1 27.1
265 20.9 16.6 25.0

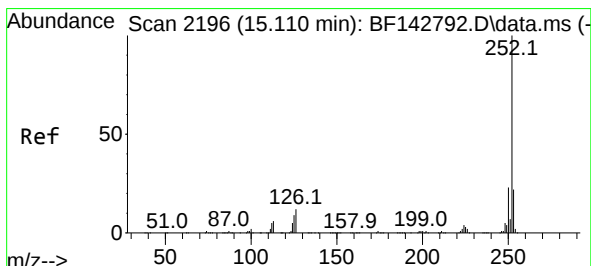
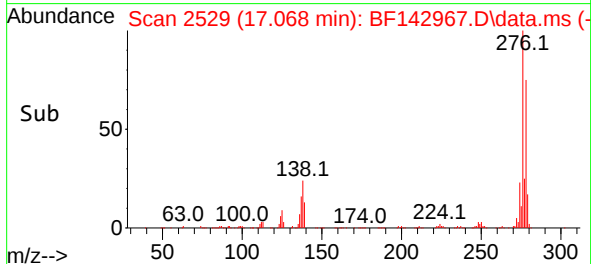
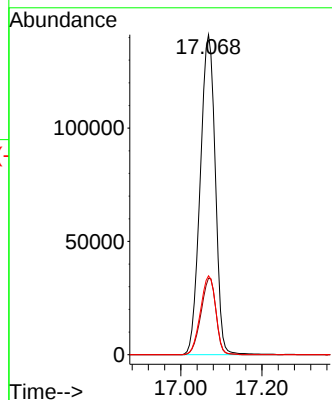
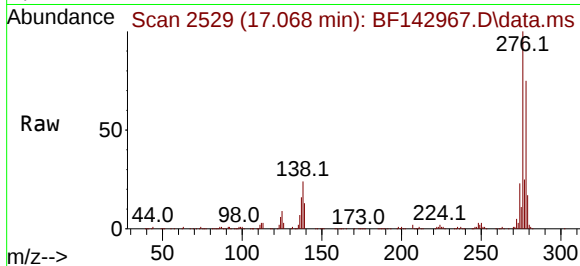




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.116 ng
RT: 17.068 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

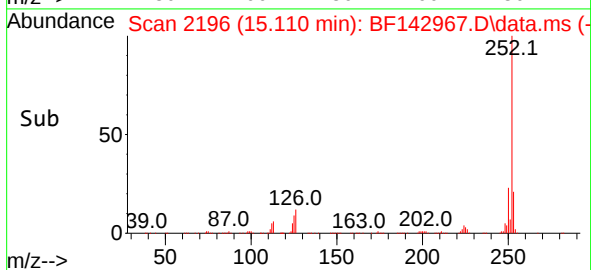
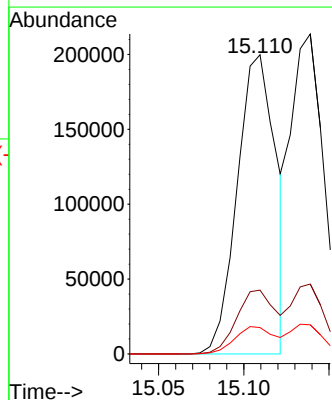
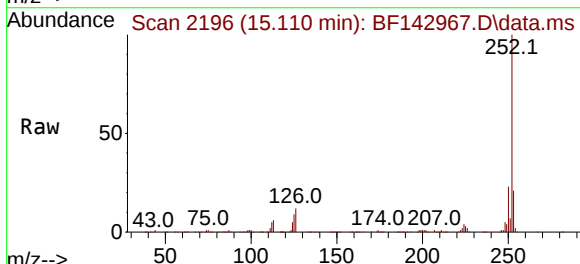
Instrument :
BNA_F
ClientSampleId :
TP-5MS

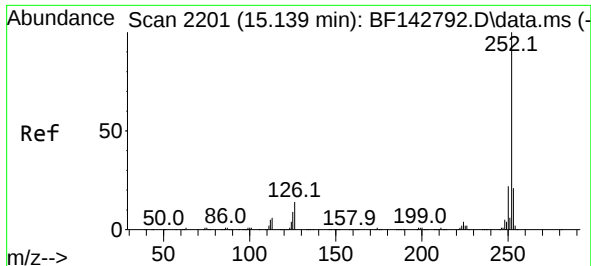
Tgt Ion:276 Resp: 364299
Ion Ratio Lower Upper
276 100
138 23.7 20.2 30.4
277 25.0 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 46.738 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:252 Resp: 314592
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 8.8 7.4 11.0

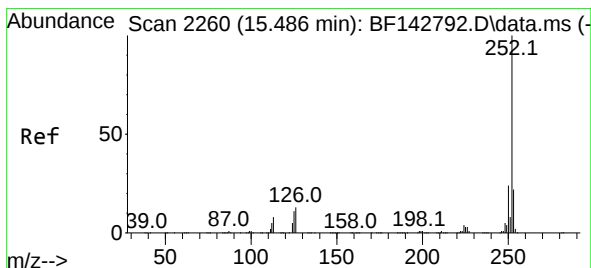
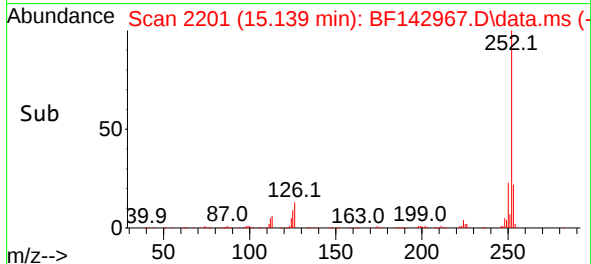
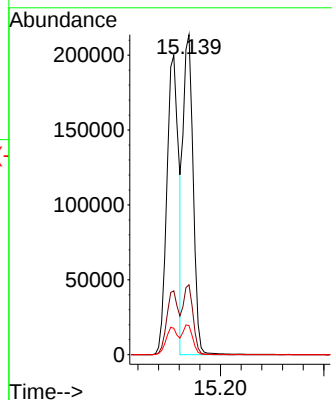
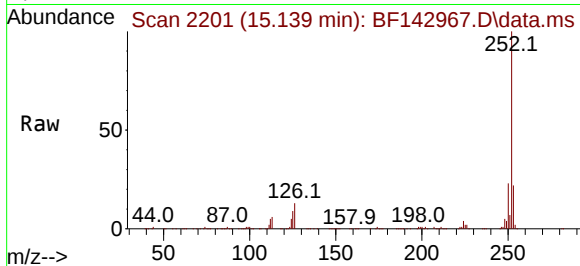




#89
Benzo(k)fluoranthene
Concen: 45.998 ng
RT: 15.139 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

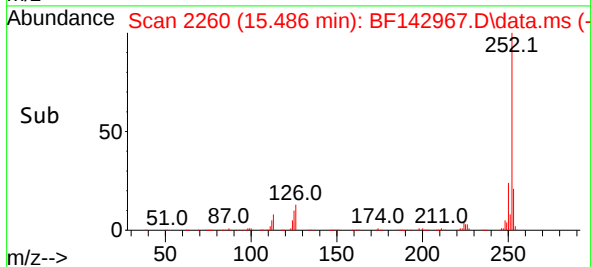
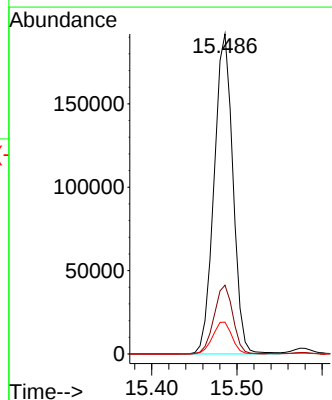
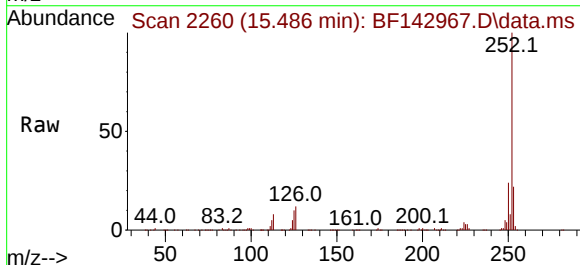
Instrument :
BNA_F
ClientSampleId :
TP-5MS

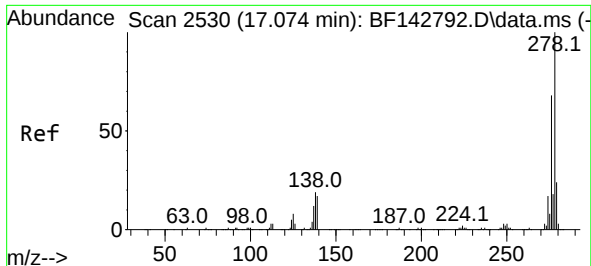
Tgt Ion:252 Resp: 289667
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 45.265 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:252 Resp: 294339
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.9 8.6 12.8

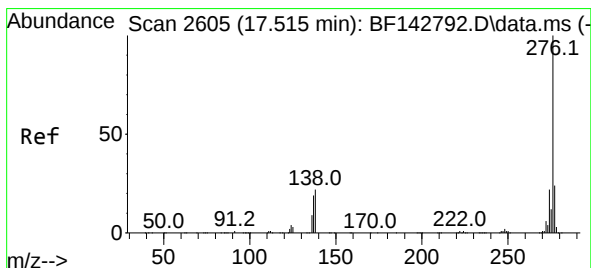
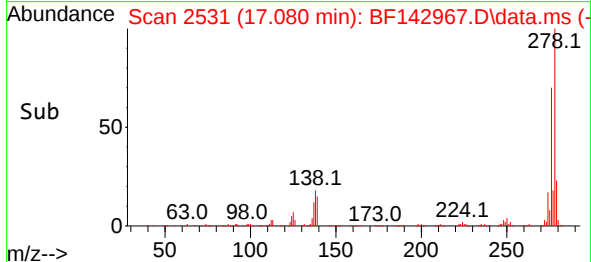
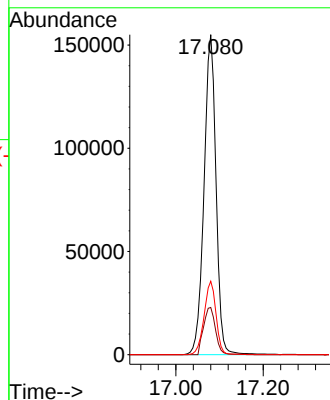
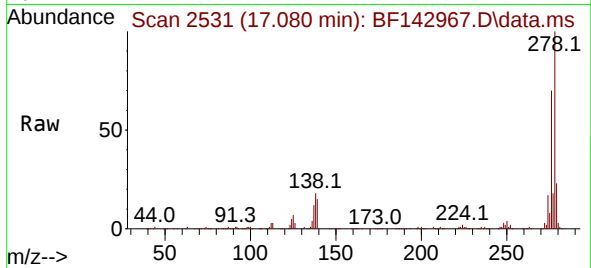




#91
Dibenzo(a,h)anthracene
Concen: 41.229 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion:278 Resp: 296813
Ion Ratio Lower Upper
278 100
139 14.8 13.5 20.3
279 23.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.429 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142967.D
Acq: 02 Jul 2025 13:16

Tgt Ion:276 Resp: 297405
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 21.4 17.6 26.4

