

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142735.D
 Acq On : 11 Jun 2025 15:20
 Operator : RC/JU
 Sample : Q2268-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 15:50:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	54183	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	194768	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	96533	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	149205	20.000	ng	0.00
76) Chrysene-d12	14.069	240	131264	20.000	ng	0.00
86) Perylene-d12	15.563	264	157611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	190896	60.005	ng	0.00
7) Phenol-d6	6.522	99	168809	45.088	ng	0.00
23) Nitrobenzene-d5	7.457	82	293258	82.402	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	130175	123.040	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	619422	85.249	ng	0.00
79) Terphenyl-d14	13.004	244	574387	60.099	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	30009	23.835	ng	95
3) Pyridine	3.469	79	74215	23.509	ng	98
4) n-Nitrosodimethylamine	3.405	42	42284	26.179	ng	# 98
6) Aniline	6.557	93	108350	21.622	ng	99
8) 2-Chlorophenol	6.681	128	135667	39.022	ng	98
9) Benzaldehyde	6.445	77	112972	48.726	ng	# 1
10) Phenol	6.534	94	76822	18.460	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	138999	44.717	ng	100
12) 1,3-Dichlorobenzene	6.834	146	146256	36.862	ng	100
13) 1,4-Dichlorobenzene	6.910	146	148238	36.969	ng	100
14) 1,2-Dichlorobenzene	7.063	146	139245	36.227	ng	99
15) Benzyl Alcohol	7.034	79	92774	32.785	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	216381	44.213	ng	98
17) 2-Methylphenol	7.145	107	88396	33.166	ng	# 94
18) Hexachloroethane	7.428	117	146430	101.901	ng	# 1
19) n-Nitroso-di-n-propyla...	7.304	70	105486	44.257	ng	99
20) 3+4-Methylphenols	7.298	107	99491	29.609	ng	# 61
22) Acetophenone	7.298	105	316906	73.147	ng	# 94
24) Nitrobenzene	7.475	77	162514	51.451	ng	94
25) Isophorone	7.716	82	272219	45.177	ng	98
26) 2-Nitrophenol	7.792	139	81120	46.019	ng	96
27) 2,4-Dimethylphenol	7.828	122	129833	43.260	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	171522	45.848	ng	99
29) 2,4-Dichlorophenol	8.039	162	118894	42.926	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	135245	44.189	ng	100
31) Naphthalene	8.204	128	1443846	149.893	ng	99
32) Benzoic acid	7.910	122	24801	14.673	ng	# 1
33) 4-Chloroaniline	8.245	127	56011	14.482	ng	95
34) Hexachlorobutadiene	8.316	225	81505	41.790	ng	98
35) Caprolactam	8.645	113	7378	9.868	ng	93
36) 4-Chloro-3-methylphenol	8.722	107	107688	37.392	ng	97
37) 2-Methylnaphthalene	8.892	142	489047	80.213	ng	98
38) 1-Methylnaphthalene	8.992	142	403754	63.926	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	139097	49.785	ng	98
41) Hexachlorocyclopentadiene	9.045	237	151626	84.555	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	84541	46.744	ng	97

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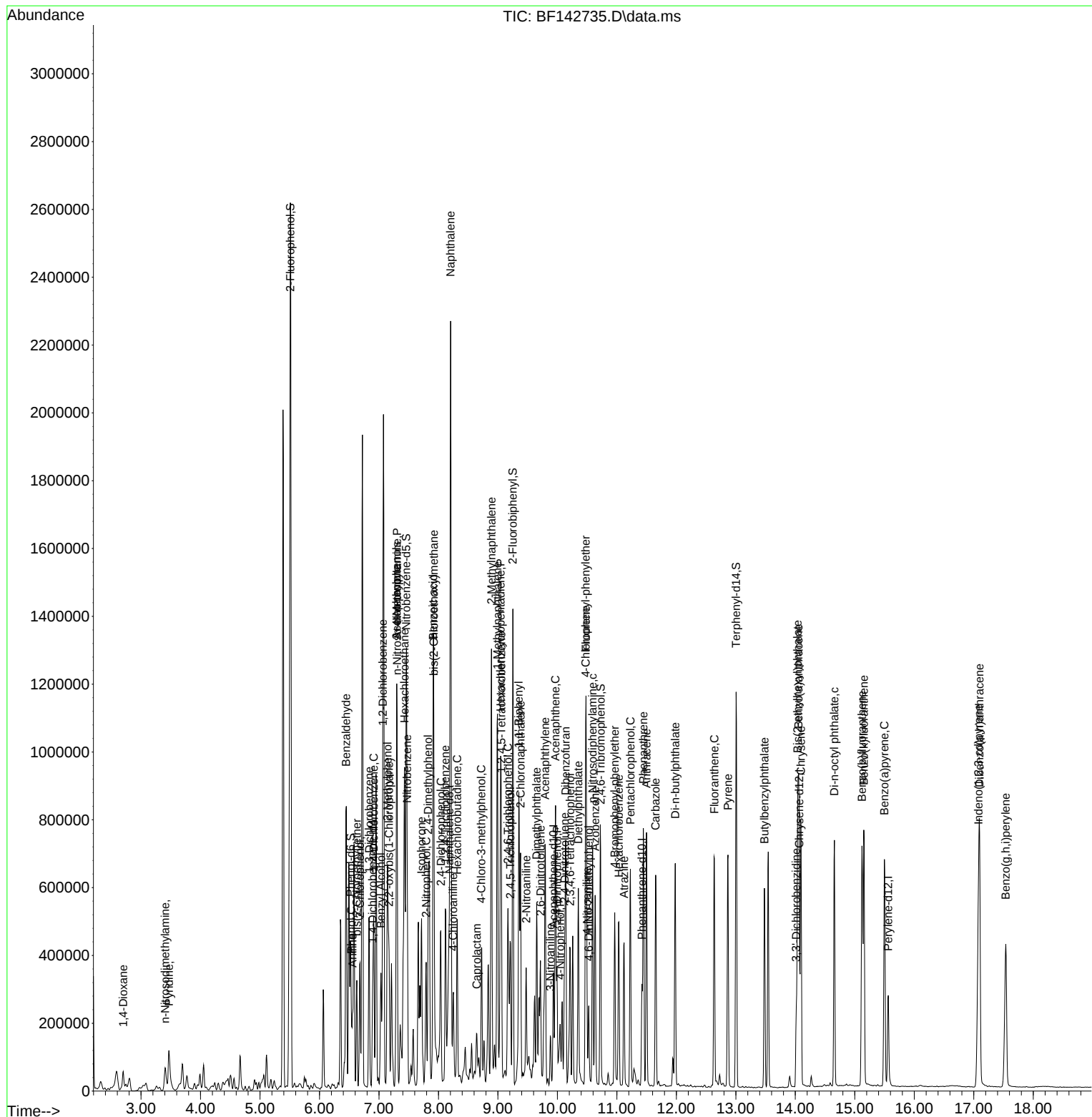
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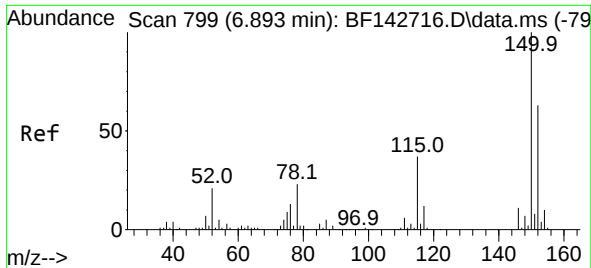
Quant Time: Jun 11 15:50:56 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	90449	46.303	ng	98
46) 1,1'-Biphenyl	9.351	154	374772	49.997	ng	99
47) 2-Chloronaphthalene	9.381	162	271776	49.213	ng	99
48) 2-Nitroaniline	9.475	65	74730	47.578	ng	99
49) Acenaphthylene	9.792	152	444191	47.703	ng	100
50) Dimethylphthalate	9.651	163	304222	47.193	ng	100
51) 2,6-Dinitrotoluene	9.716	165	65791	47.222	ng	95
52) Acenaphthene	9.969	154	296788	51.407	ng	99
53) 3-Nitroaniline	9.881	138	32158	21.281	ng	96
54) 2,4-Dinitrophenol	9.992	184	65055	85.243	ng	91
55) Dibenzofuran	10.139	168	397876	48.396	ng	98
56) 4-Nitrophenol	10.045	139	40552	39.567	ng	98
57) 2,4-Dinitrotoluene	10.122	165	86133	46.759	ng	99
58) Fluorene	10.480	166	308320	47.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	72255	43.967	ng	92
60) Diethylphthalate	10.351	149	306024	47.876	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	146451	46.191	ng	99
62) 4-Nitroaniline	10.498	138	55367	40.955	ng	99
63) Azobenzene	10.633	77	259761	46.531	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	41273	44.173	ng	96
66) n-Nitrosodiphenylamine	10.592	169	250126	48.770	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	88012	49.973	ng	97
68) Hexachlorobenzene	11.033	284	96899	49.565	ng	98
69) Atrazine	11.122	200	73139	53.489	ng	99
70) Pentachlorophenol	11.228	266	108714	106.085	ng	100
71) Phenanthrene	11.445	178	407429	50.970	ng	99
72) Anthracene	11.498	178	410494	49.642	ng	100
73) Carbazole	11.651	167	369243	53.339	ng	99
74) Di-n-butylphthalate	11.980	149	467525	60.483	ng	99
75) Fluoranthene	12.639	202	419950	55.250	ng	99
78) Pyrene	12.869	202	421513	34.555	ng	99
80) Butylbenzylphthalate	13.480	149	197597	54.778	ng	99
81) Benzo(a)anthracene	14.057	228	422953	48.624	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	70837	25.254	ng	98
83) Chrysene	14.092	228	393175	48.958	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	288438	53.281	ng	99
85) Di-n-octyl phthalate	14.657	149	512678	49.362	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	528129	45.217	ng	100
88) Benzo(b)fluoranthene	15.121	252	490678	52.873	ng	99
89) Benzo(k)fluoranthene	15.151	252	407250	45.228	ng	99
90) Benzo(a)pyrene	15.498	252	435969	49.409	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	432848	45.387	ng	99
92) Benzo(g,h,i)perylene	17.539	276	416129	43.879	ng	99

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

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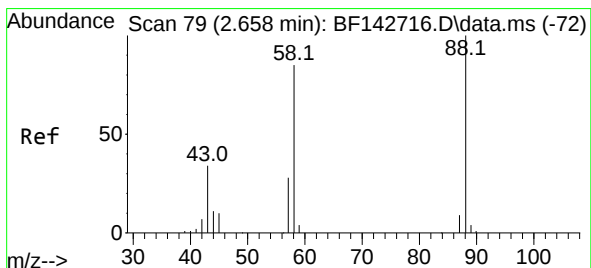
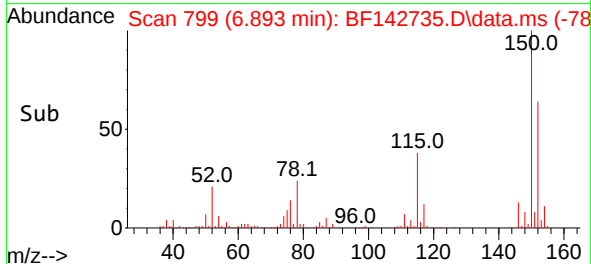
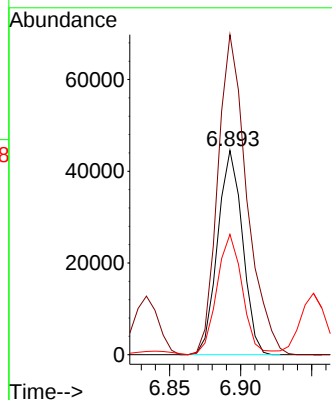
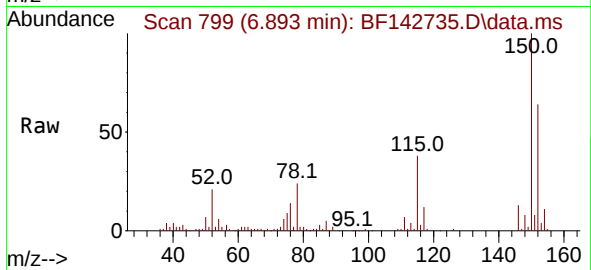




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142735.D
 Acq: 11 Jun 2025 15:20

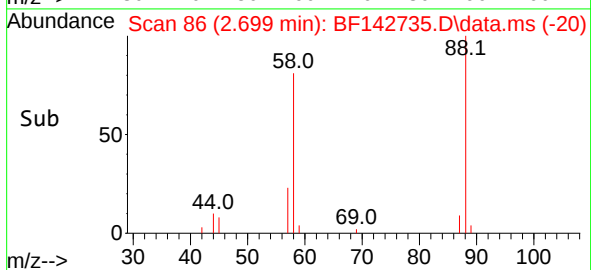
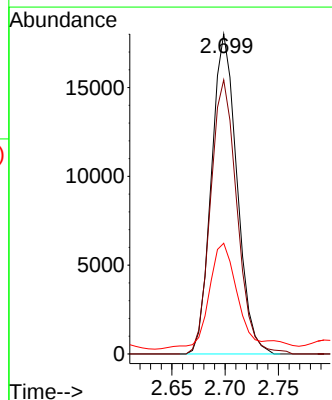
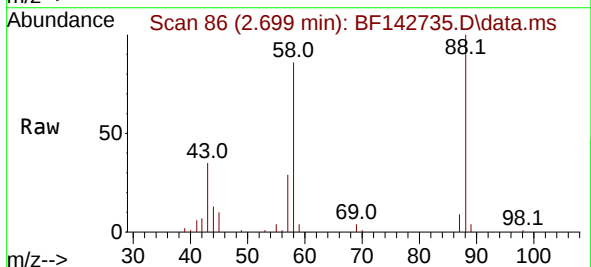
Instrument :
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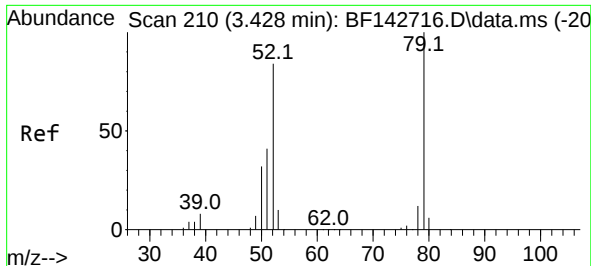
Tgt Ion:152 Resp: 54183
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.9 190.3
 115 59.0 47.0 70.6



#2
 1,4-Dioxane
 Concen: 23.835 ng
 RT: 2.699 min Scan# 86
 Delta R.T. 0.041 min
 Lab File: BF142735.D
 Acq: 11 Jun 2025 15:20

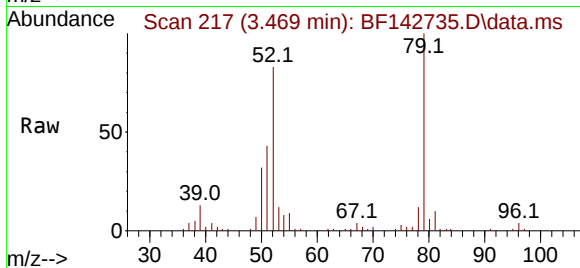
Tgt Ion: 88 Resp: 30009
 Ion Ratio Lower Upper
 88 100
 58 88.8 68.4 102.6
 43 38.8 27.0 40.6



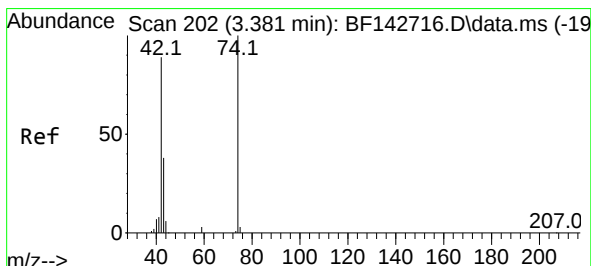
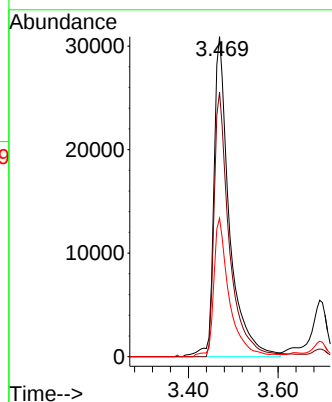
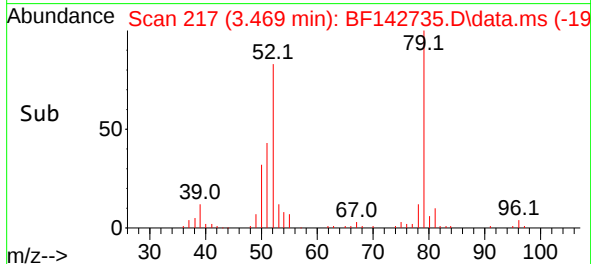


#3
 Pyridine
 Concen: 23.509 ng
 RT: 3.469 min Scan# 210
 Delta R.T. 0.041 min
 Lab File: BF142735.D
 Acq: 11 Jun 2025 15:20

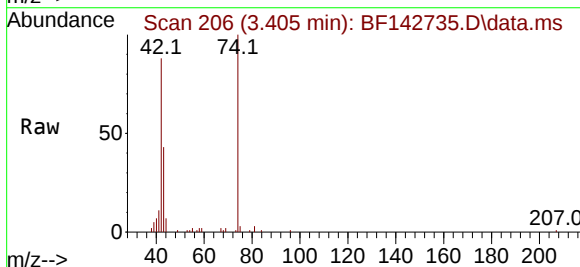
Instrument :
 BNA_F
 ClientSampleId :



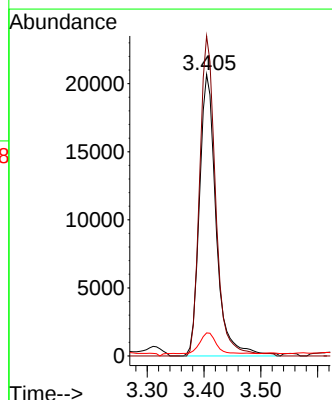
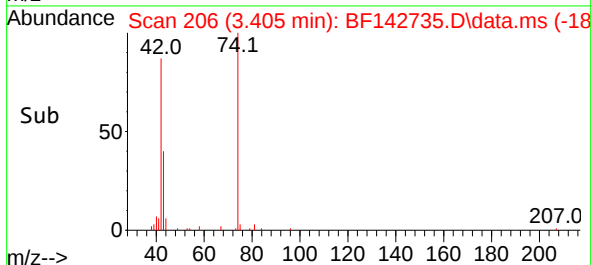
Tgt Ion: 79 Resp: 74215
 Ion Ratio Lower Upper
 79 100
 52 82.7 67.1 100.7
 51 43.3 32.6 48.8

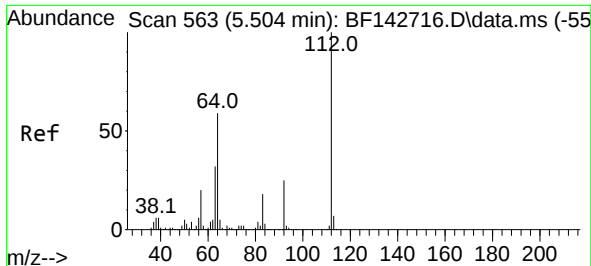


#4
 n-Nitrosodimethylamine
 Concen: 26.179 ng
 RT: 3.405 min Scan# 206
 Delta R.T. 0.024 min
 Lab File: BF142735.D
 Acq: 11 Jun 2025 15:20



Tgt Ion: 42 Resp: 42284
 Ion Ratio Lower Upper
 42 100
 74 113.7 89.6 134.4
 44 8.2 5.4 8.2#

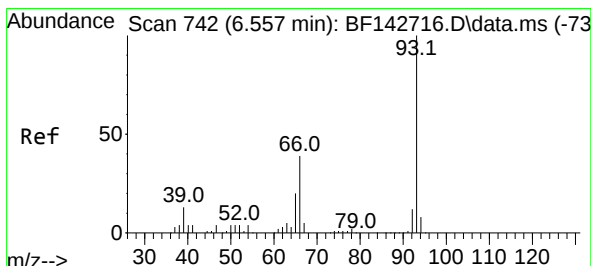
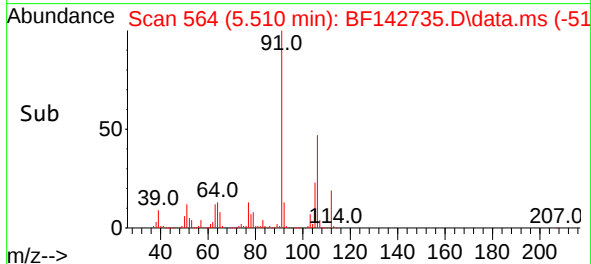
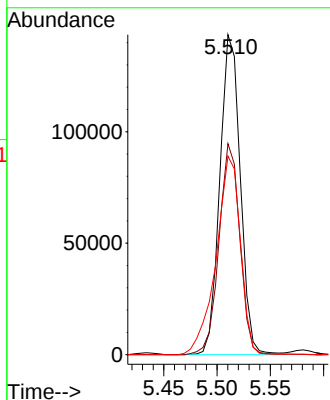
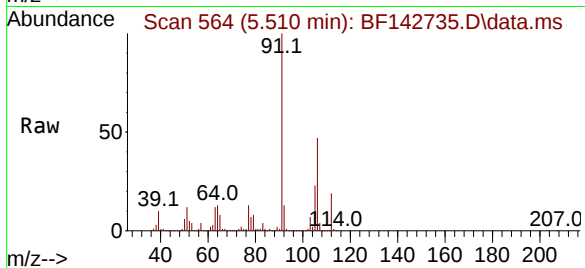




#5
2-Fluorophenol
Concen: 60.005 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

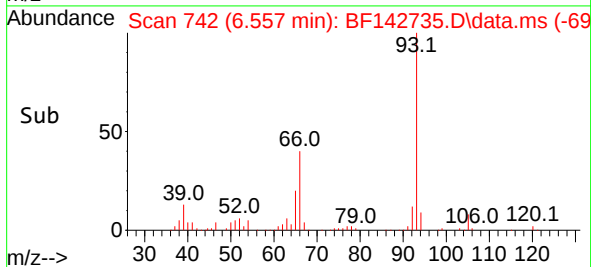
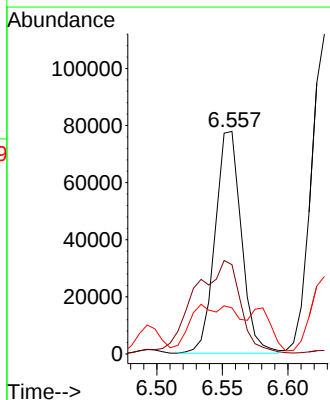
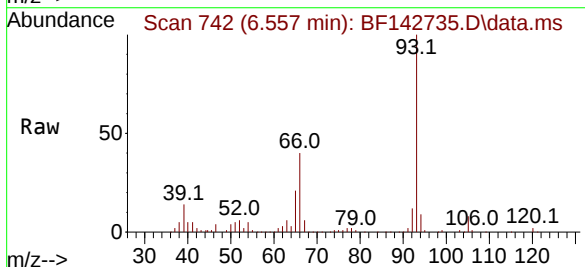
Instrument :
BNA_F
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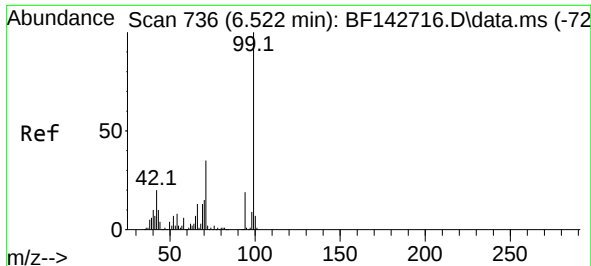
Tgt Ion:112 Resp: 190896
Ion Ratio Lower Upper
112 100
64 65.9 47.4 71.2
63 62.0 25.4 38.0#



#6
Aniline
Concen: 21.622 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion: 93 Resp: 108350
Ion Ratio Lower Upper
93 100
66 40.1 32.0 48.0
65 20.7 16.1 24.1



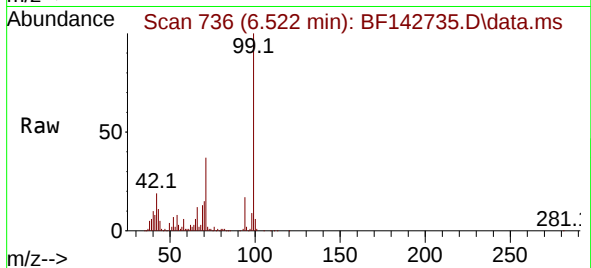


#7
Phenol-d6
Concen: 45.088 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

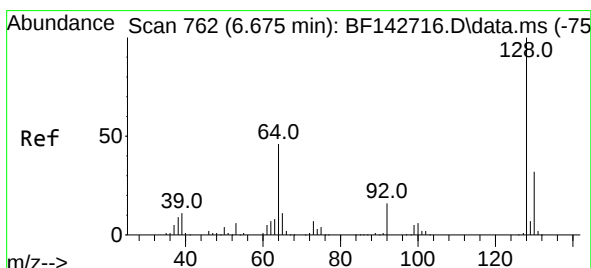
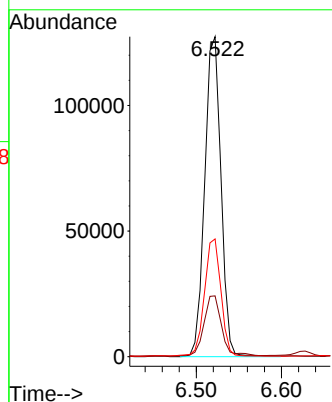
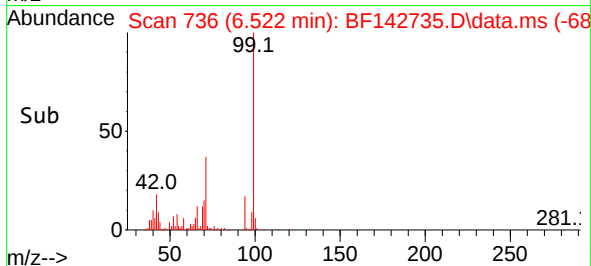
Instrument :

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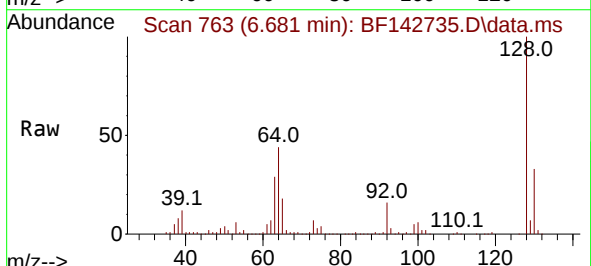
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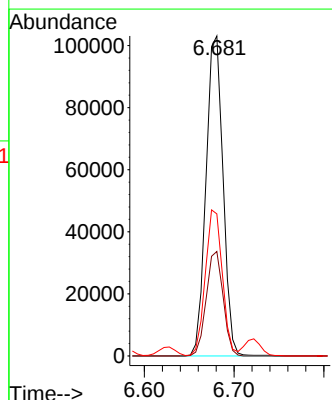
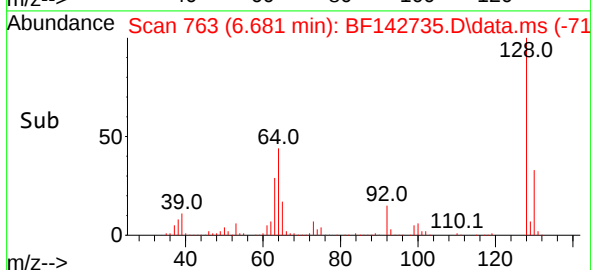
Tgt Ion: 99 Resp: 168809
Ion Ratio Lower Upper
99 100
42 19.0 15.9 23.9
71 36.8 28.0 42.0

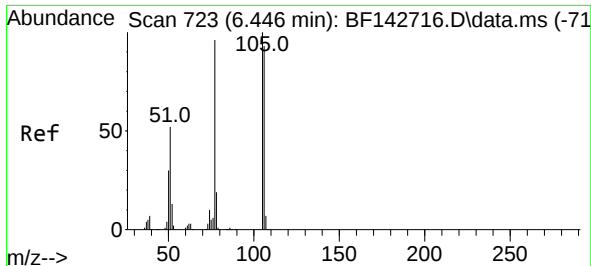


#8
2-Chlorophenol
Concen: 39.022 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20



Tgt Ion:128 Resp: 135667
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 44.4 26.5 66.5



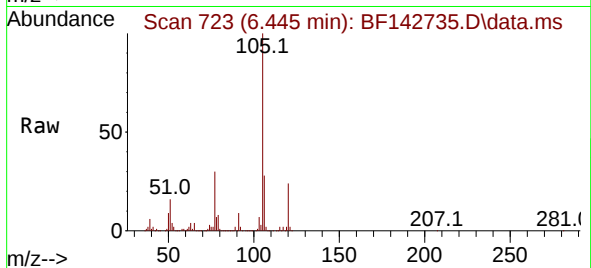


#9
Benzaldehyde
Concen: 48.726 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

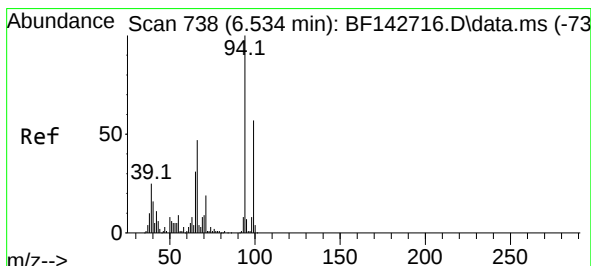
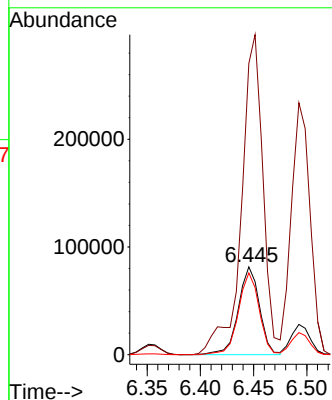
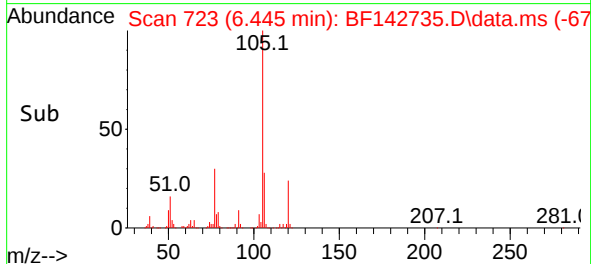
Instrument :

BNA_F

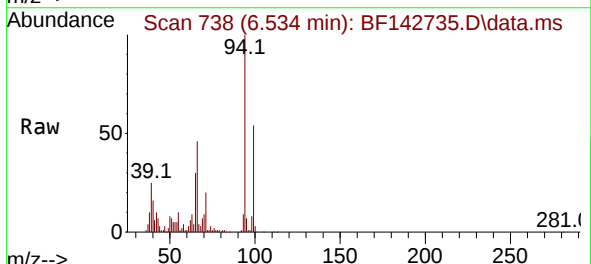
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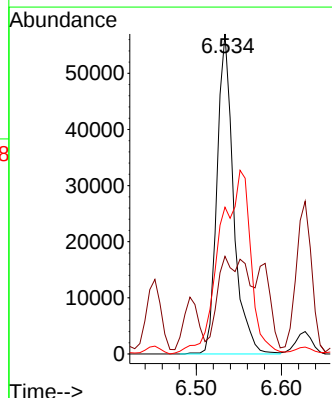
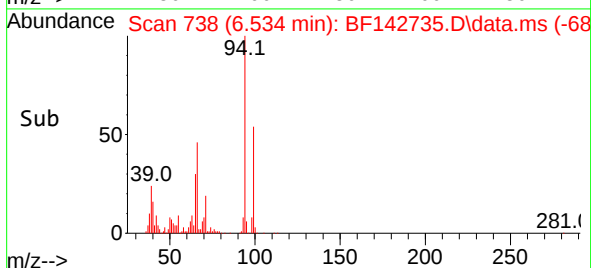
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Ion Ratio Lower Upper
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105 331.7 84.1 124.1#
106 93.1 77.2 117.2

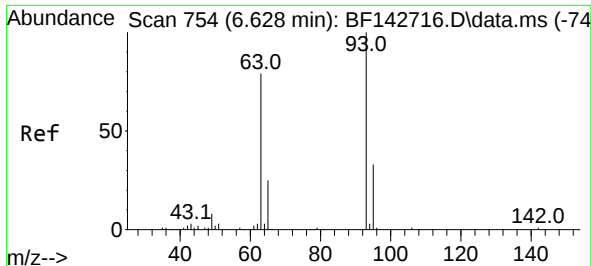


#10
Phenol
Concen: 18.460 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20



Tgt Ion: 94 Resp: 76822
Ion Ratio Lower Upper
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65 30.5 11.4 51.4
66 45.8 26.7 66.7

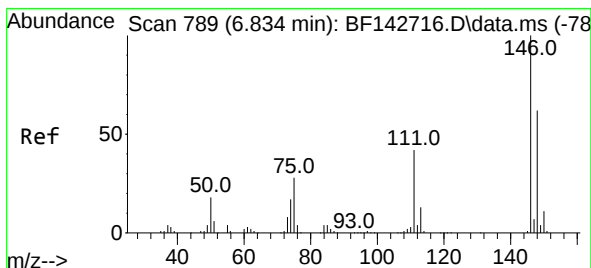
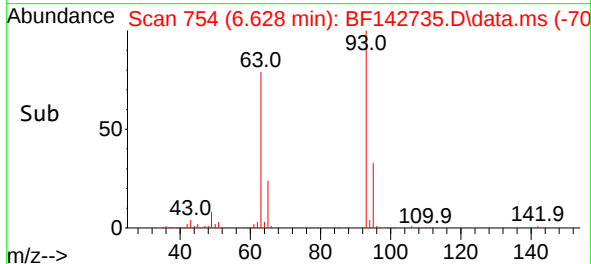
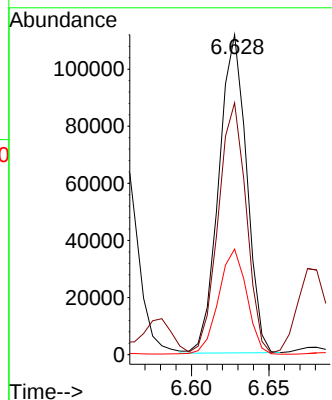
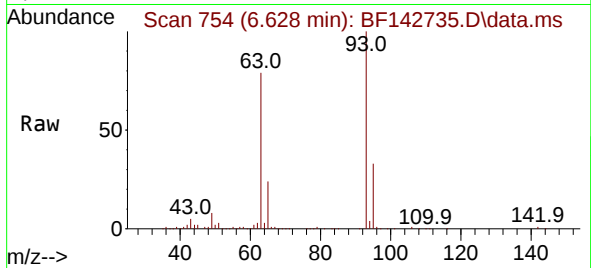




#11
bis(2-Chloroethyl)ether
Concen: 44.717 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

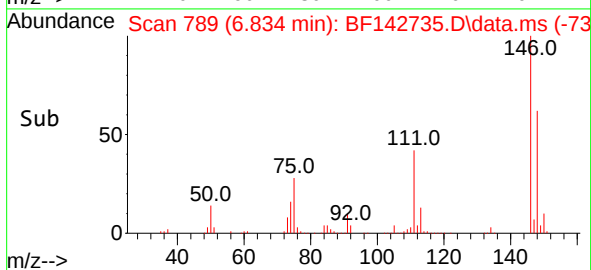
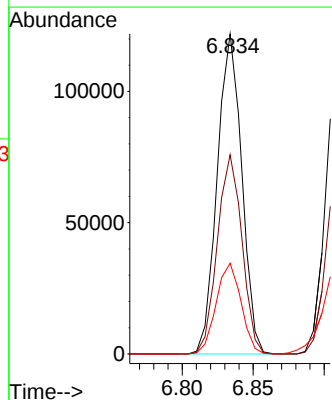
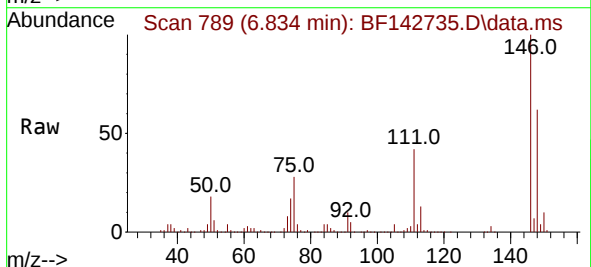
Instrument :
BNA_F
ClientSampleId :

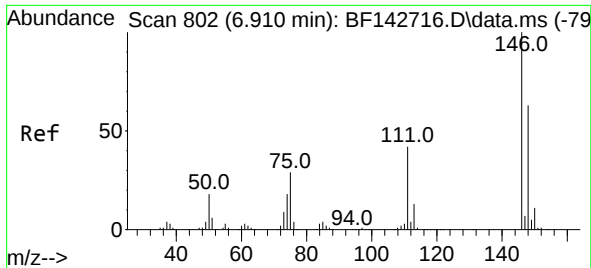
Tgt Ion: 93 Resp: 138999
Ion Ratio Lower Upper
93 100
63 78.7 58.3 98.3
95 33.0 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 36.862 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:146 Resp: 146256
Ion Ratio Lower Upper
146 100
148 62.3 49.9 74.9
75 28.4 22.6 34.0

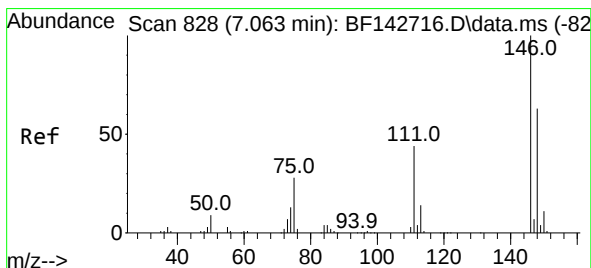
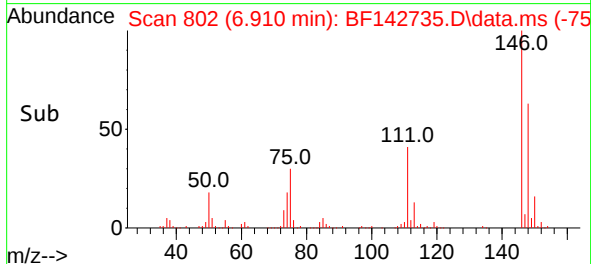
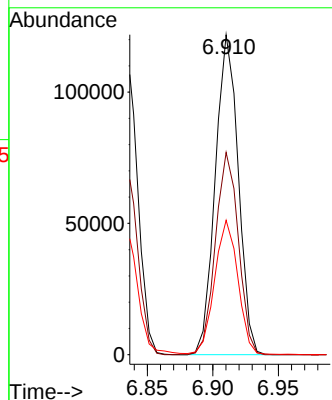
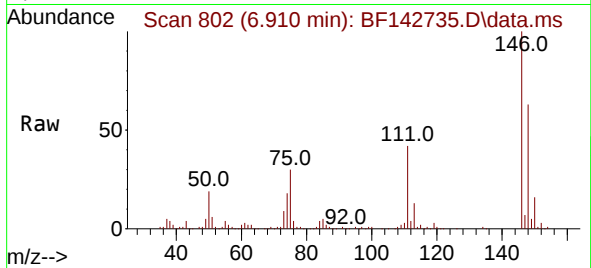




#13
1,4-Dichlorobenzene
Concen: 36.969 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

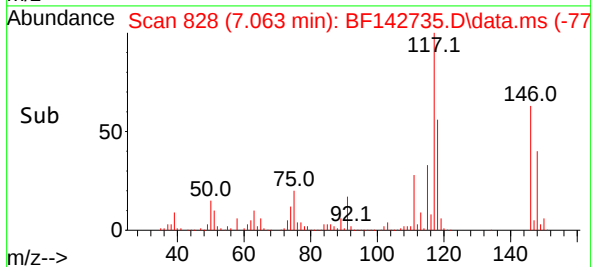
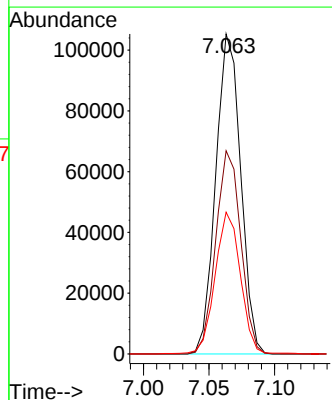
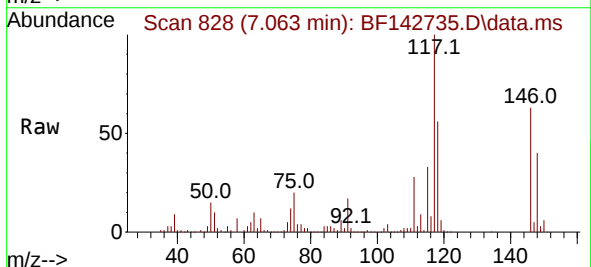
Instrument :
BNA_F
ClientSampleId :

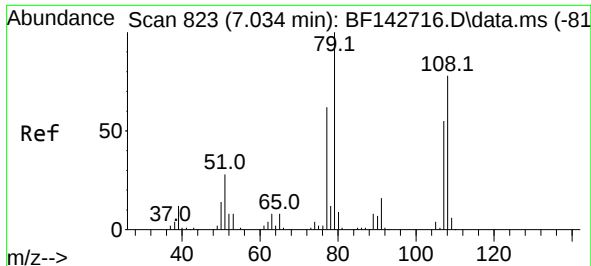
Tgt Ion:146 Resp: 148238
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
111 42.0 33.6 50.4



#14
1,2-Dichlorobenzene
Concen: 36.227 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

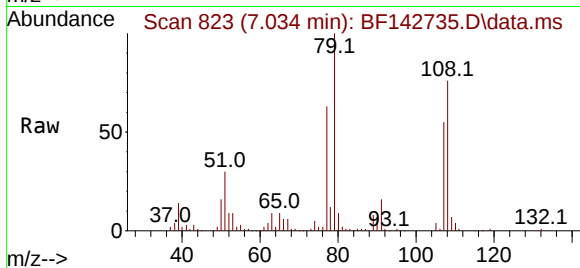
Tgt Ion:146 Resp: 139245
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 44.3 35.2 52.8



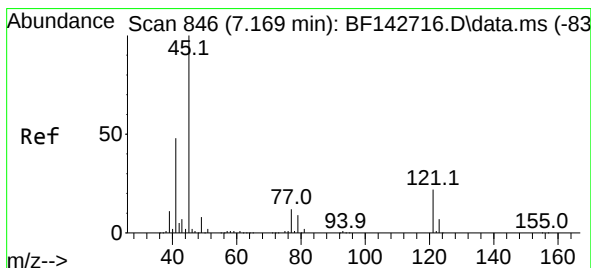
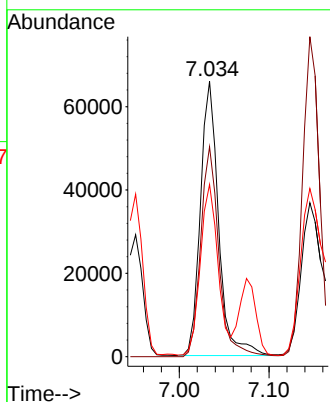
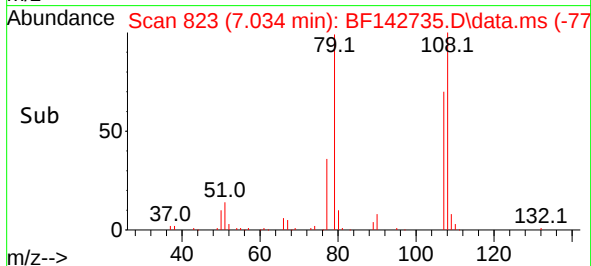


#15
Benzyl Alcohol
Concen: 32.785 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Instrument :
BNA_F
ClientSampleId :

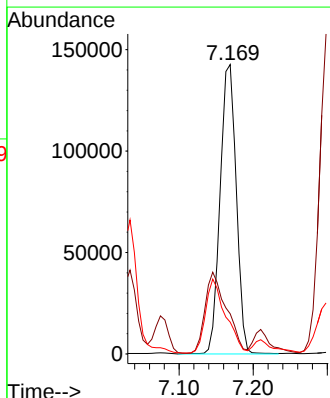
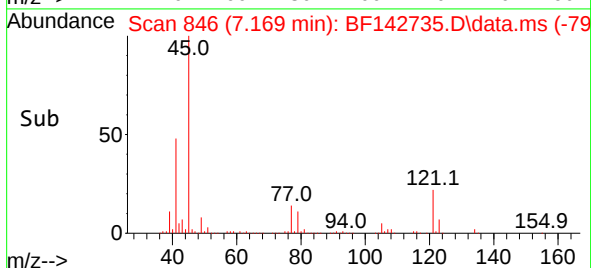
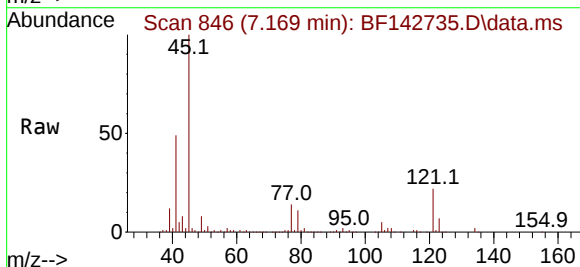


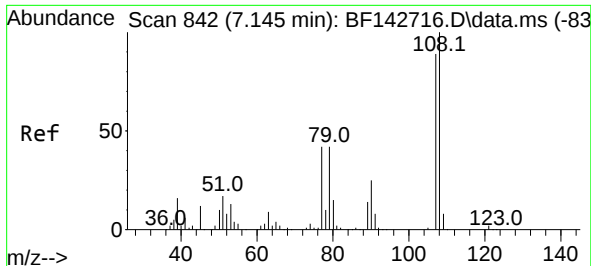
Tgt Ion: 79 Resp: 92774
Ion Ratio Lower Upper
79 100
108 76.2 62.6 94.0
77 62.5 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.213 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

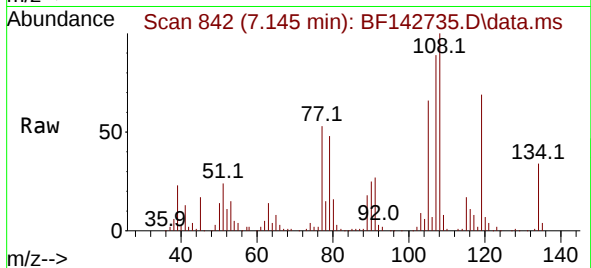
Tgt Ion: 45 Resp: 216381
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.1
79 11.0 0.0 30.5



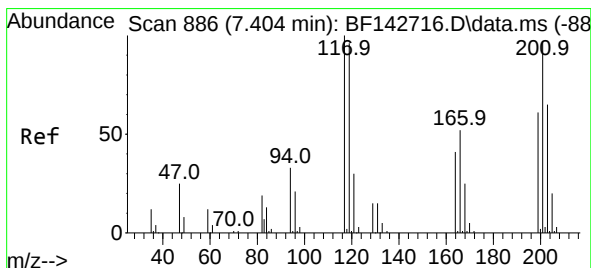
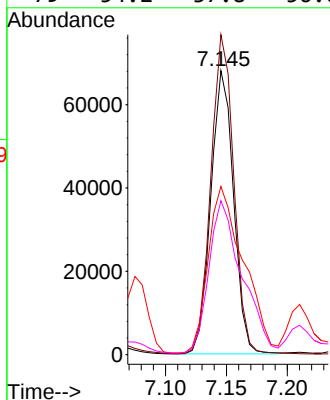
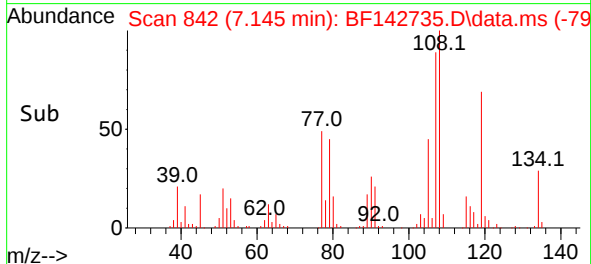


#17
2-Methylphenol
Concen: 33.166 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

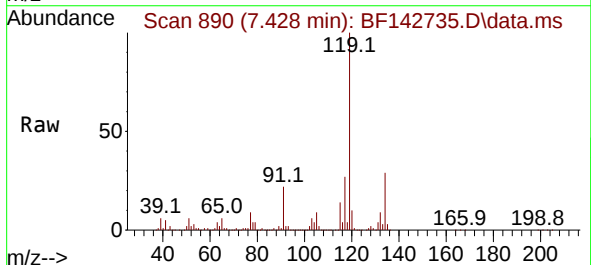
Instrument :
BNA_F
ClientSampleId :



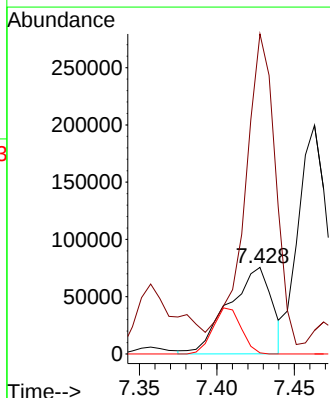
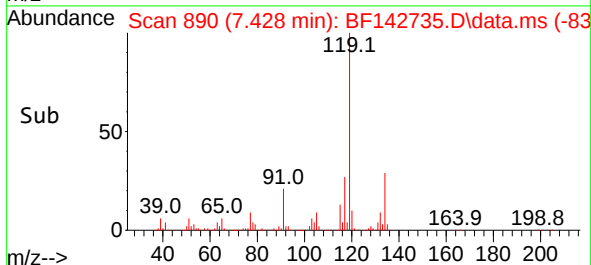
Tgt Ion:107 Resp: 88396
Ion Ratio Lower Upper
107 100
108 112.7 90.0 135.0
77 59.2 38.2 57.2#
79 54.2 37.8 56.6

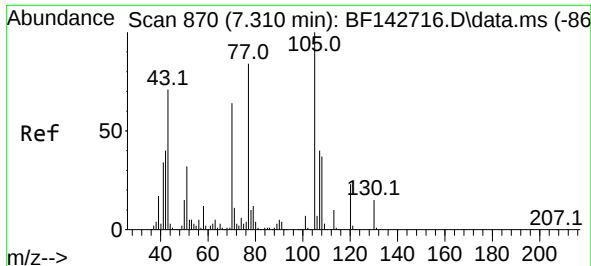


#18
Hexachloroethane
Concen: 101.901 ng
RT: 7.428 min Scan# 890
Delta R.T. 0.024 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20



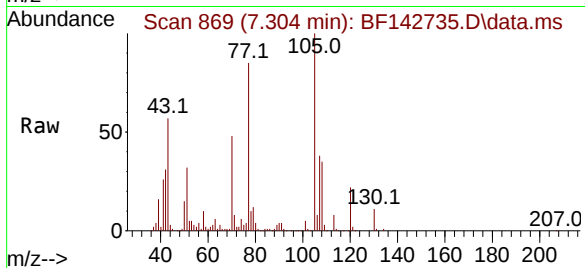
Tgt Ion:117 Resp: 146430
Ion Ratio Lower Upper
117 100
119 370.0 76.4 114.6#
201 1.2 77.8 116.6#



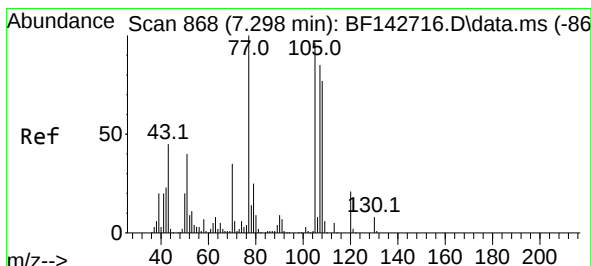
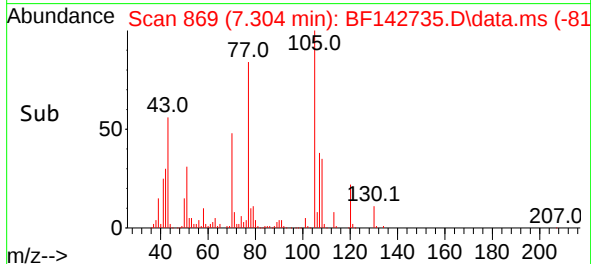
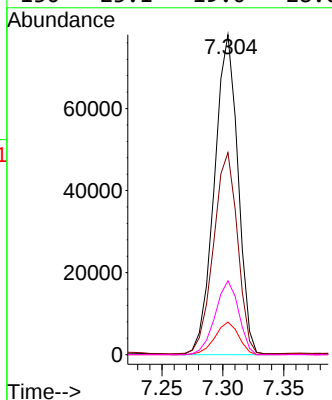


#19
n-Nitroso-di-n-propylamine
Concen: 44.257 ng
RT: 7.304 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Instrument :
BNA_F
ClientSampleId :

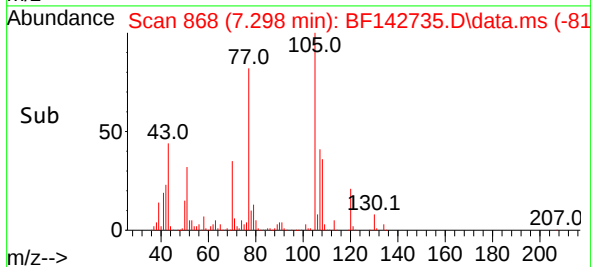
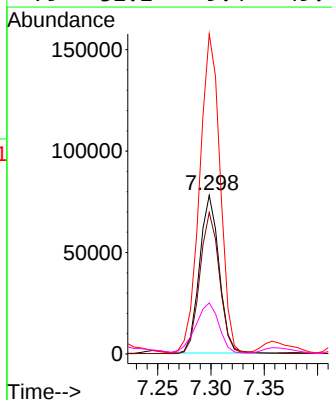
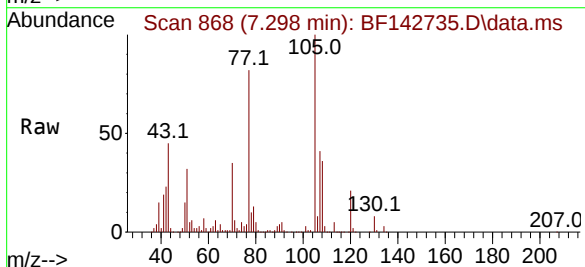


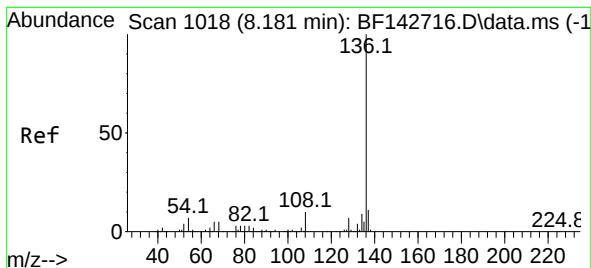
Tgt Ion: 70 Resp: 105486
Ion Ratio Lower Upper
70 100
42 63.1 50.2 75.4
101 10.2 8.3 12.5
130 23.1 19.0 28.6



#20
3+4-Methylphenols
Concen: 29.609 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:107 Resp: 99491
Ion Ratio Lower Upper
107 100
108 89.1 69.9 109.9
77 201.6 97.4 137.4#
79 32.2 9.4 49.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.000 min

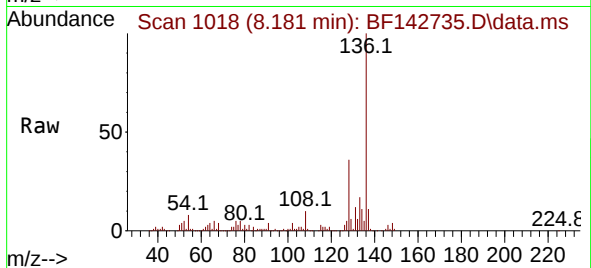
Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 194768

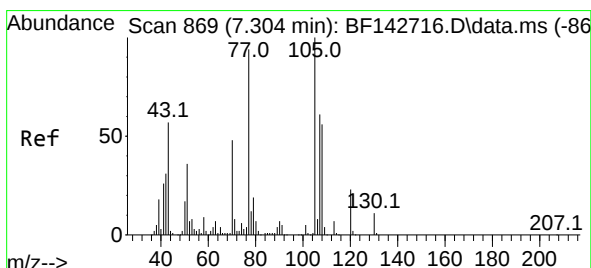
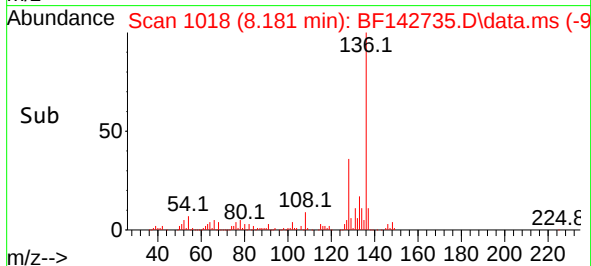
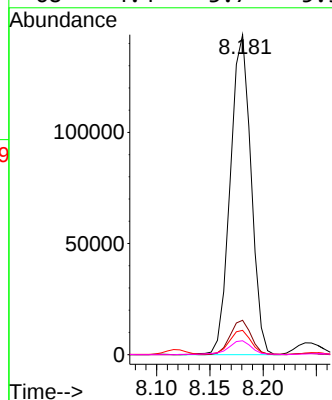
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.6 5.9 8.9

68 4.4 3.7 5.5



#22

Acetophenone

Concen: 73.147 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Tgt Ion:105 Resp: 316906

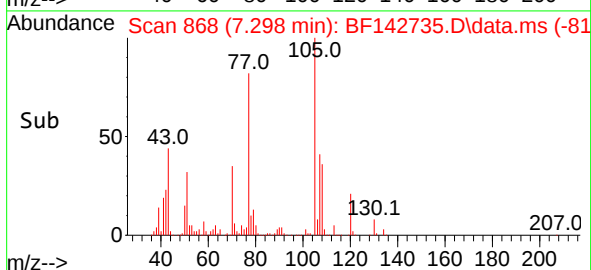
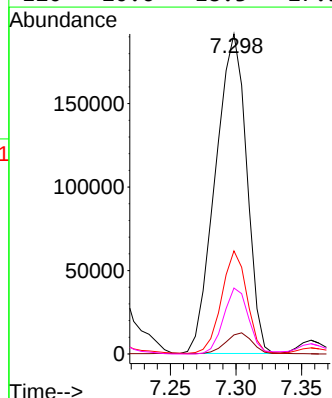
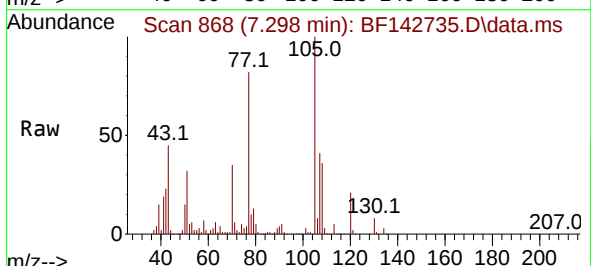
Ion Ratio Lower Upper

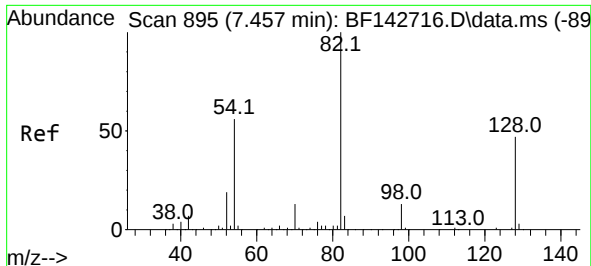
105 100

71 5.9 6.4 9.6#

51 32.2 29.1 43.7

120 20.6 18.3 27.5





#23

Nitrobenzene-d5

Concen: 82.402 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :

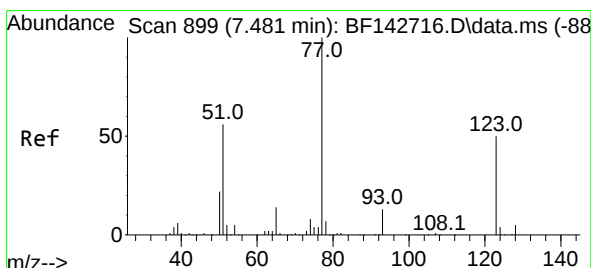
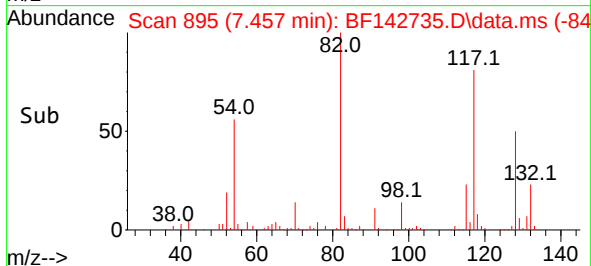
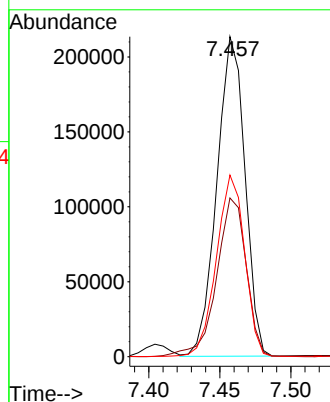
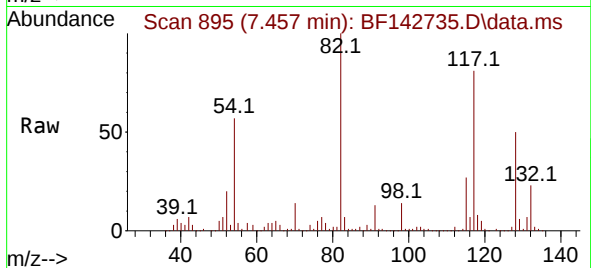
Tgt Ion: 82 Resp: 293258

Ion Ratio Lower Upper

82 100

128 49.6 37.8 56.8

54 56.7 44.9 67.3



#24

Nitrobenzene

Concen: 51.451 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

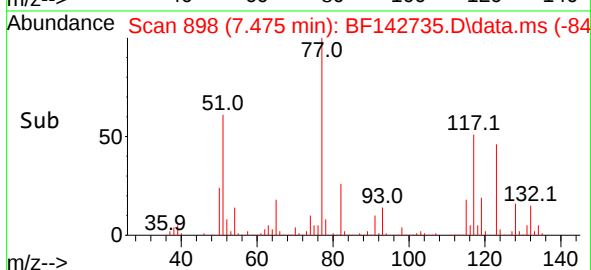
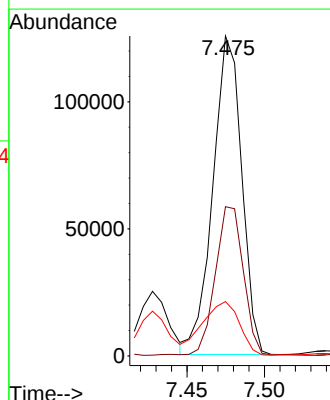
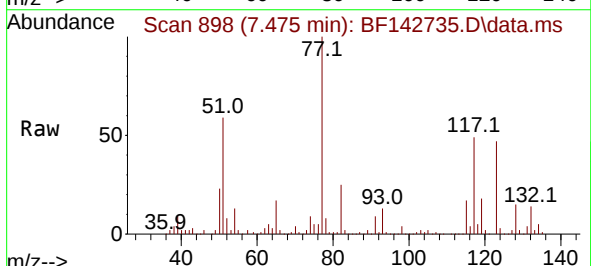
Tgt Ion: 77 Resp: 162514

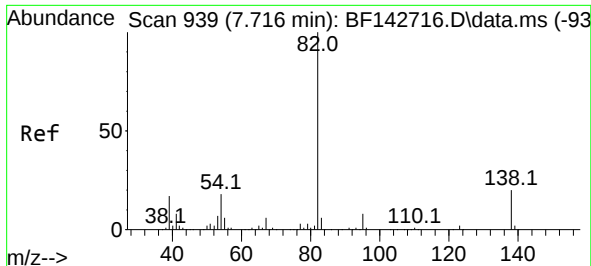
Ion Ratio Lower Upper

77 100

123 46.7 40.8 61.2

65 17.0 11.5 17.3

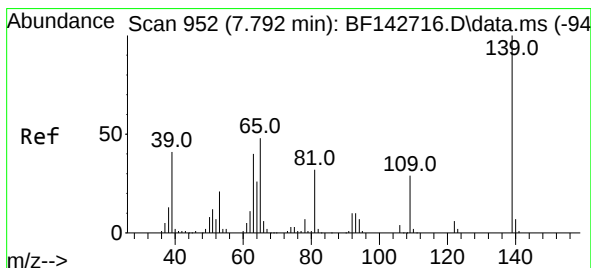
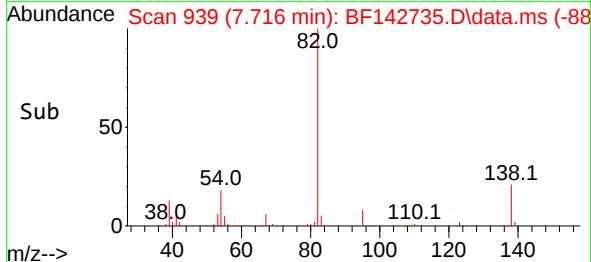
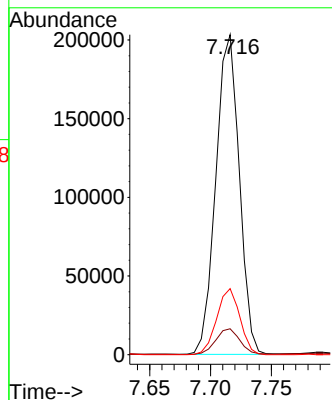
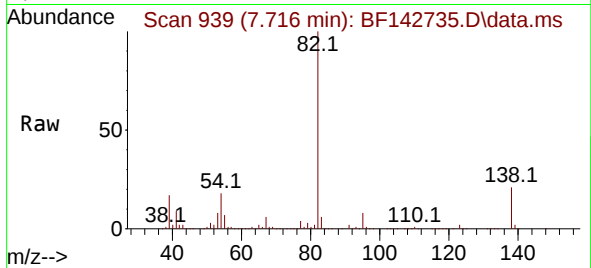




#25
Isophorone
Concen: 45.177 ng
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

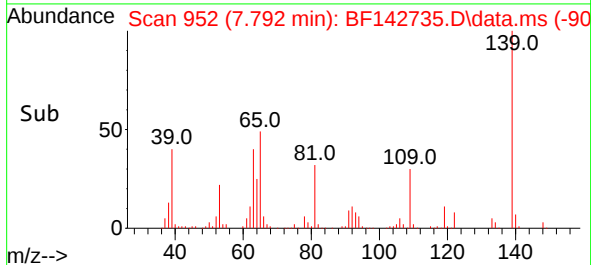
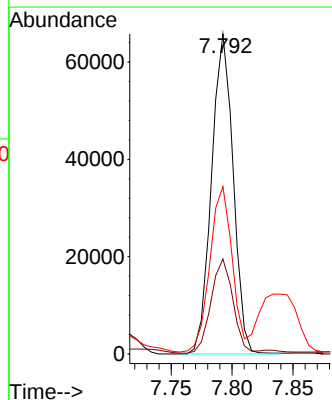
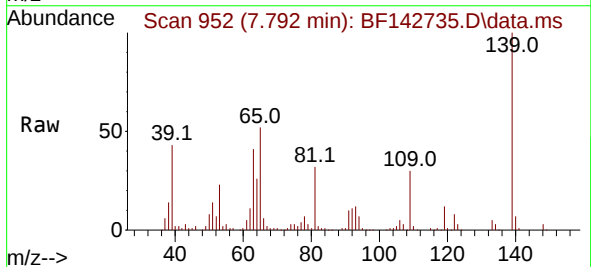
Instrument :
BNA_F
ClientSampleId :

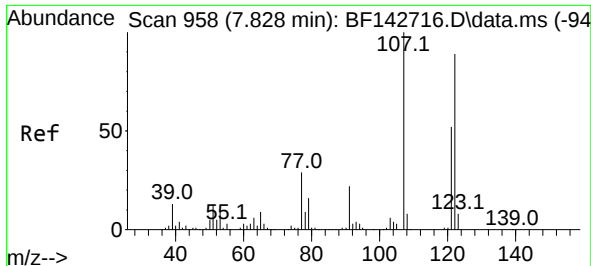
Tgt Ion: 82 Resp: 272219
Ion Ratio Lower Upper
82 100
95 8.1 6.0 9.0
138 20.6 15.8 23.6



#26
2-Nitrophenol
Concen: 46.019 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:139 Resp: 81120
Ion Ratio Lower Upper
139 100
109 29.6 23.4 35.2
65 52.3 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 43.260 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :

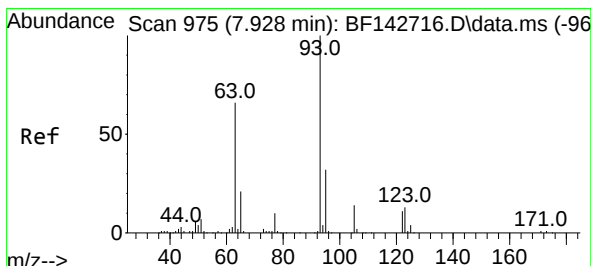
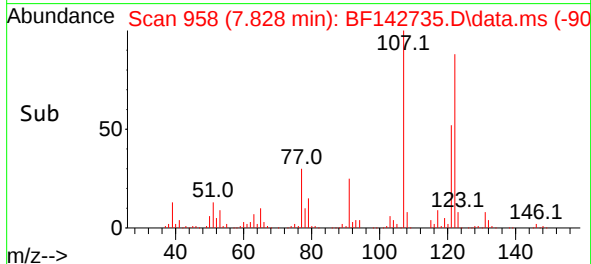
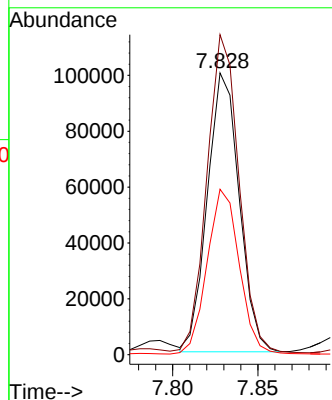
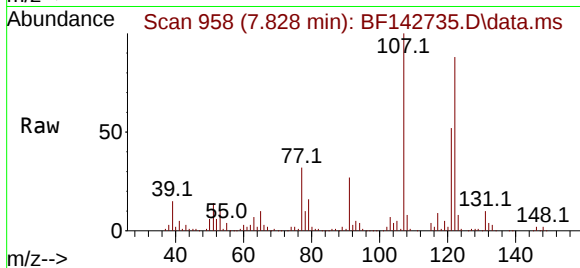
Tgt Ion:122 Resp: 129833

Ion Ratio Lower Upper

122 100

107 113.6 90.4 135.6

121 58.7 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 45.848 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

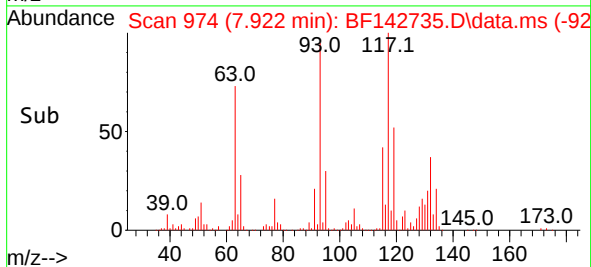
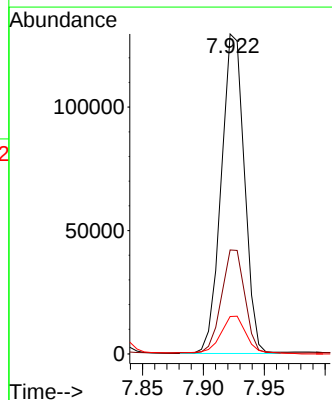
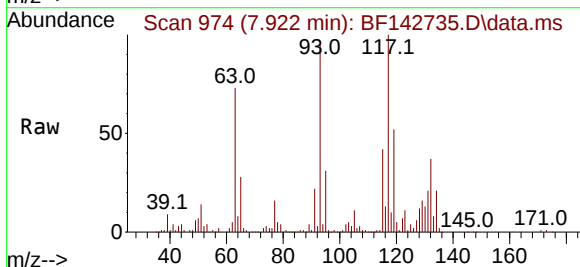
Tgt Ion: 93 Resp: 171522

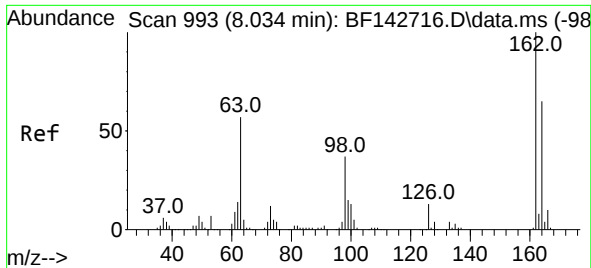
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.7 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 42.926 ng

RT: 8.039 min Scan# 993

Delta R.T. 0.006 min

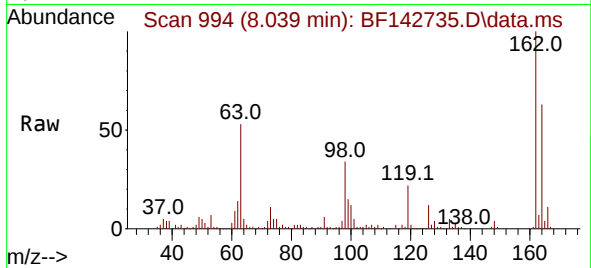
Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :



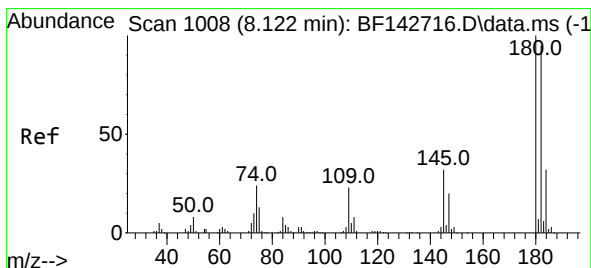
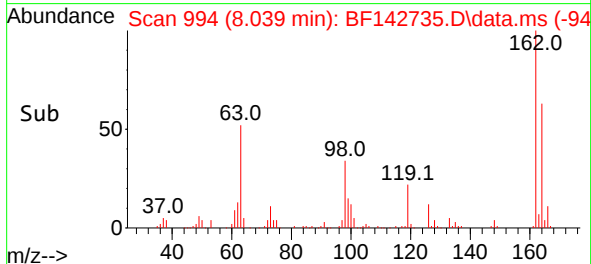
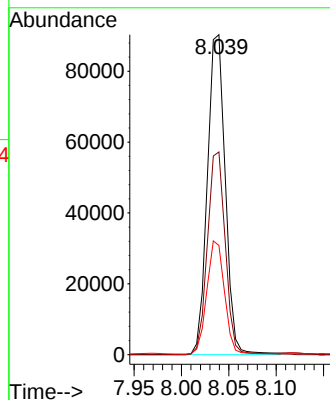
Tgt Ion:162 Resp: 118894

Ion Ratio Lower Upper

162 100

164 63.3 45.1 85.1

98 34.1 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 44.189 ng

RT: 8.116 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

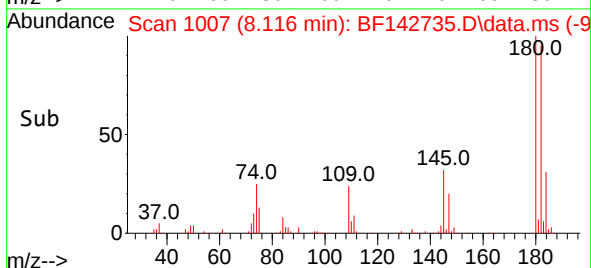
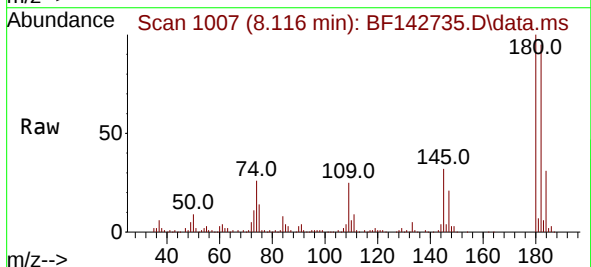
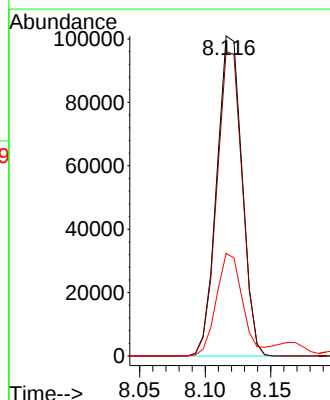
Tgt Ion:180 Resp: 135245

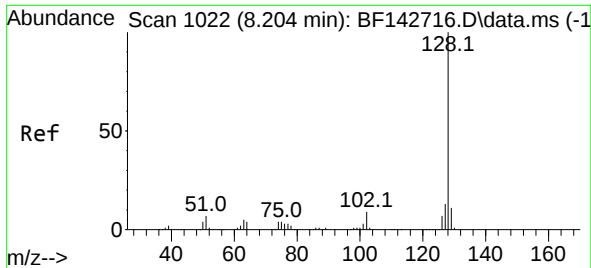
Ion Ratio Lower Upper

180 100

182 95.1 75.9 113.9

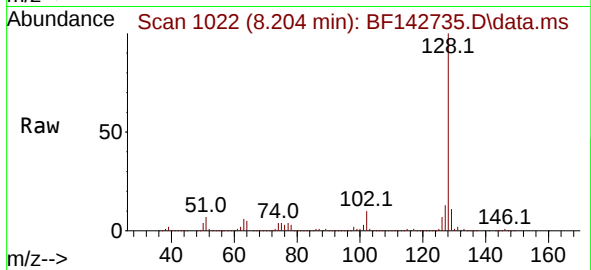
145 32.1 25.7 38.5



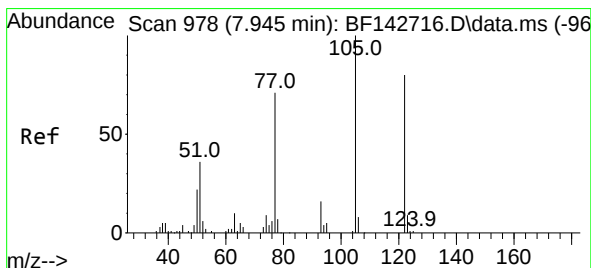
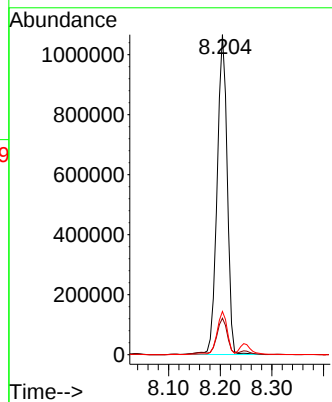
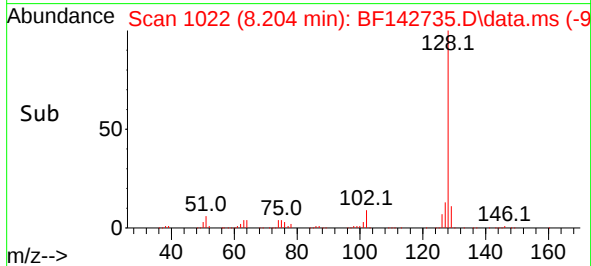


#31
Naphthalene
Concen: 149.893 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Instrument :
BNA_F
ClientSampleId :

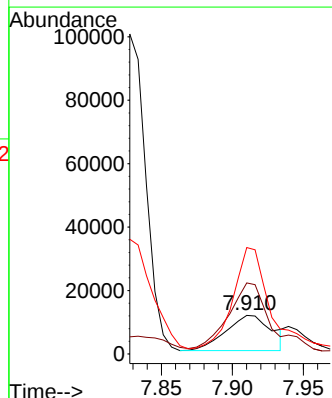
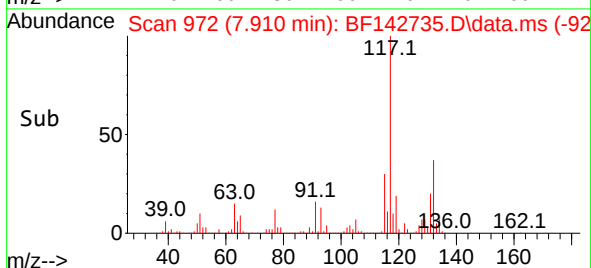
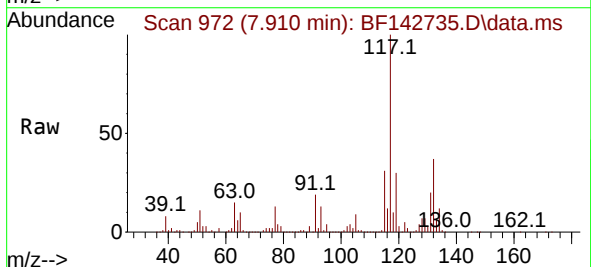


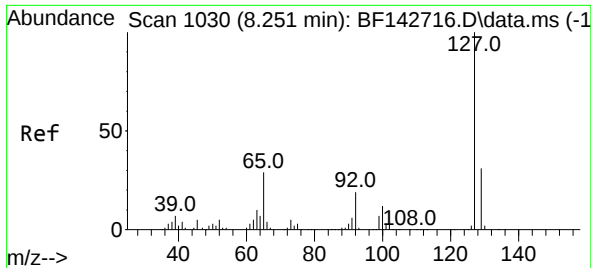
Tgt Ion:128 Resp: 1443846
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.5 10.4 15.6



#32
Benzoic acid
Concen: 14.673 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.035 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:122 Resp: 24801
Ion Ratio Lower Upper
122 100
105 184.2 102.6 142.6#
77 275.5 68.2 108.2#

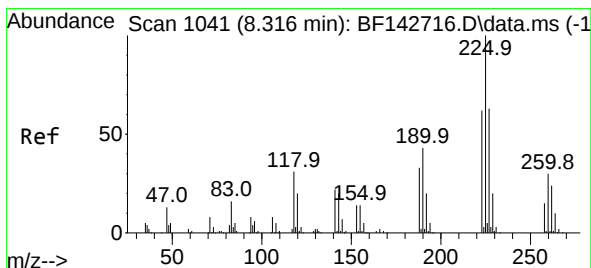
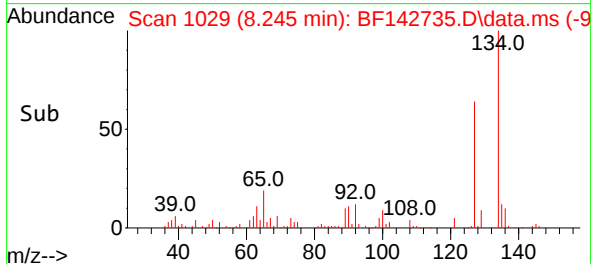
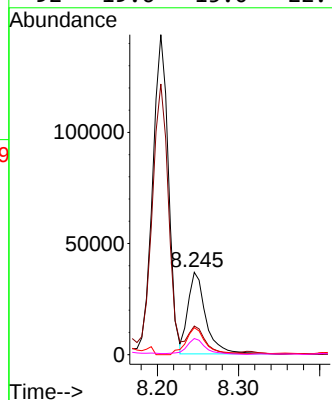
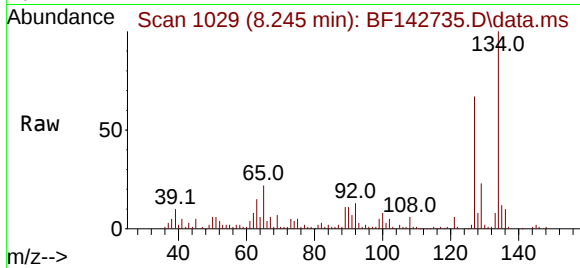




#33
4-Chloroaniline
Concen: 14.482 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

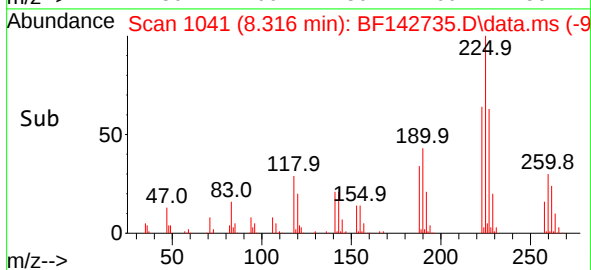
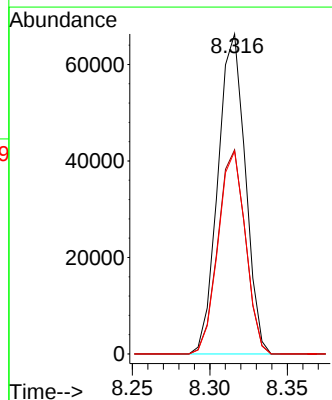
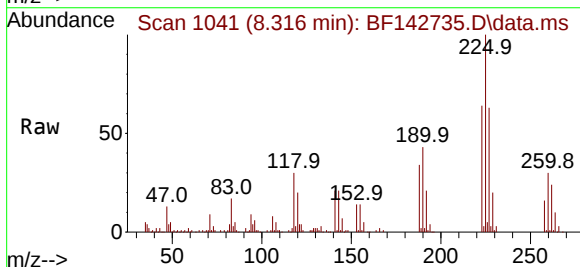
Instrument :
BNA_F
ClientSampleId :

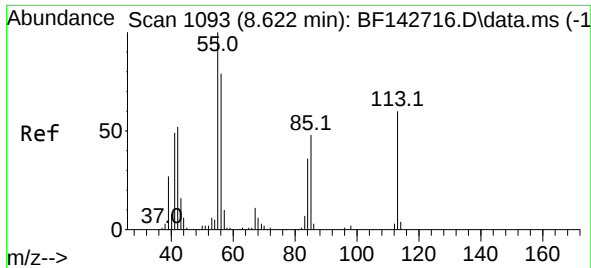
Tgt Ion:	127	Resp:	56011
Ion	Ratio	Lower	Upper
127	100		
129	34.7	25.6	38.4
65	32.8	23.0	34.4
92	19.6	15.0	22.4



#34
Hexachlorobutadiene
Concen: 41.790 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:	225	Resp:	81505
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.3	73.9
227	63.4	50.6	75.8

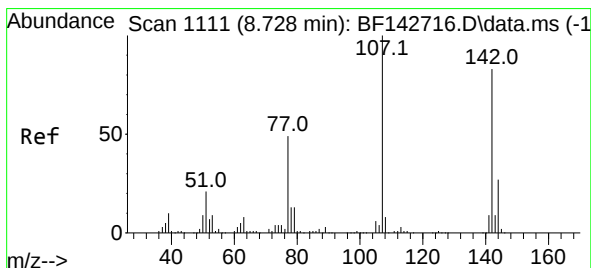
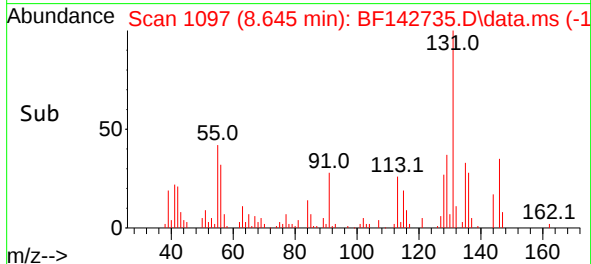
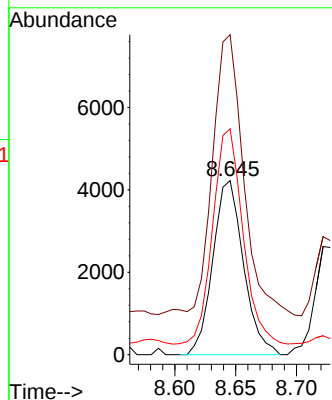
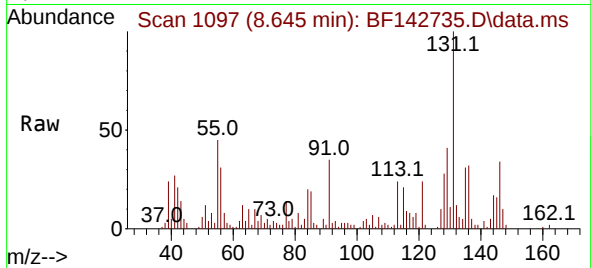




#35
 Caprolactam
 Concen: 9.868 ng
 RT: 8.645 min Scan# 1109
 Delta R.T. 0.024 min
 Lab File: BF142735.D
 Acq: 11 Jun 2025 15:20

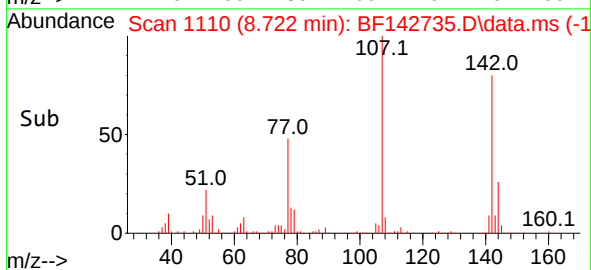
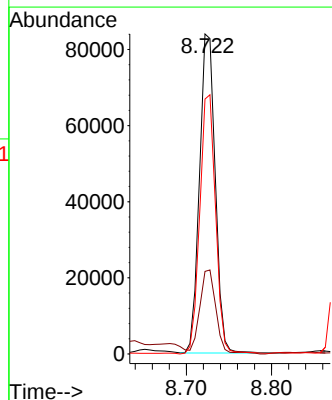
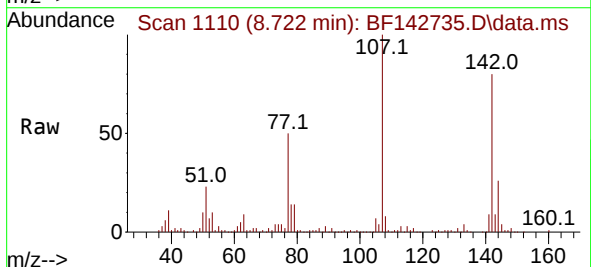
Instrument :
 BNA_F
 ClientSampleId :

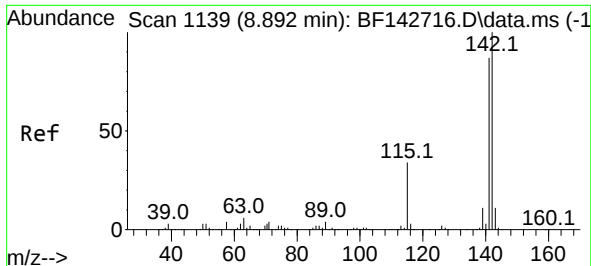
Tgt Ion:113 Resp: 7378
 Ion Ratio Lower Upper
 113 100
 55 183.9 147.9 187.9
 56 129.8 111.9 151.9



#36
 4-Chloro-3-methylphenol
 Concen: 37.392 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF142735.D
 Acq: 11 Jun 2025 15:20

Tgt Ion:107 Resp: 107688
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.3 31.9
 142 79.7 66.2 99.2

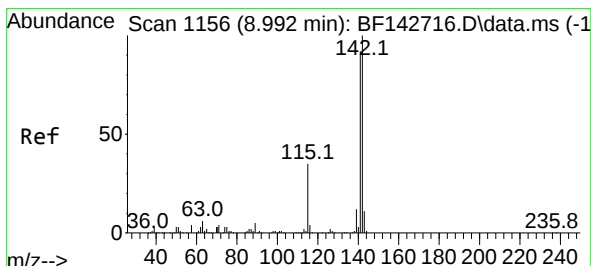
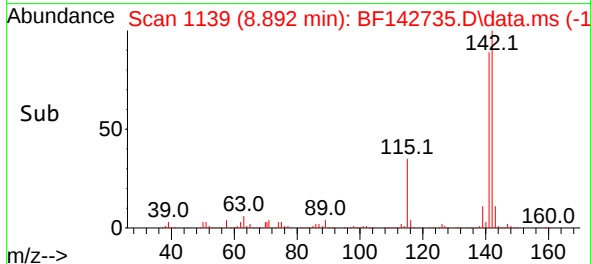
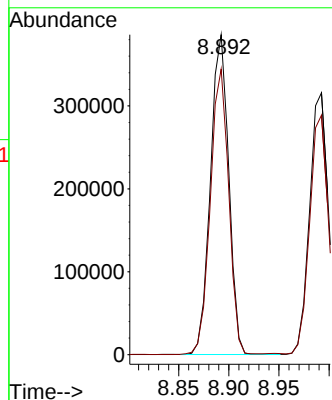
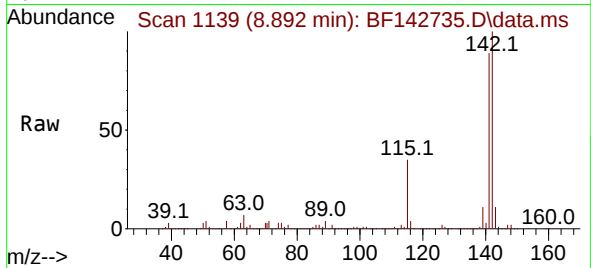




#37
2-Methylnaphthalene
Concen: 80.213 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

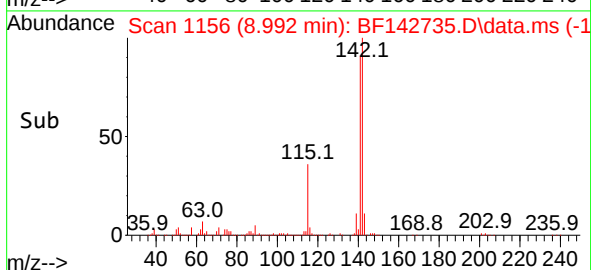
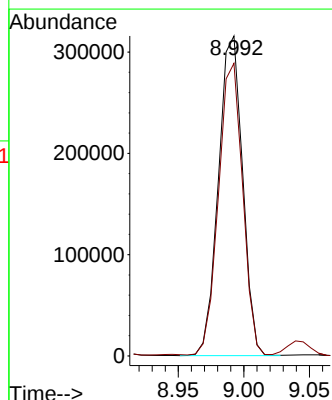
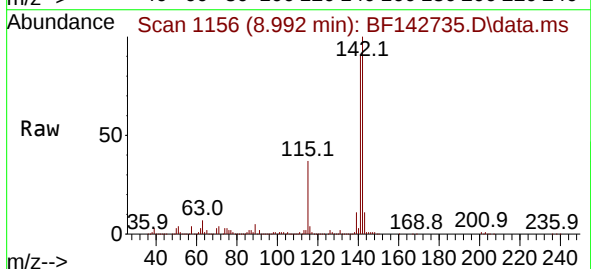
Instrument :
BNA_F
ClientSampleId :

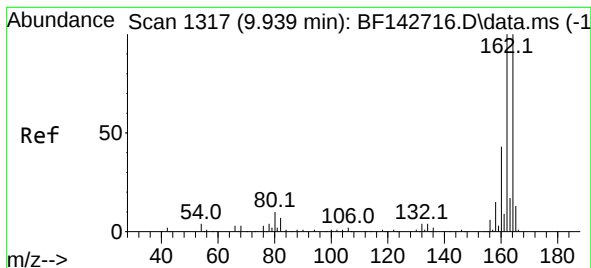
Tgt Ion:142 Resp: 489047
Ion Ratio Lower Upper
142 100
141 89.3 69.9 104.9



#38
1-Methylnaphthalene
Concen: 63.926 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:142 Resp: 403754
Ion Ratio Lower Upper
142 100
141 91.5 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :

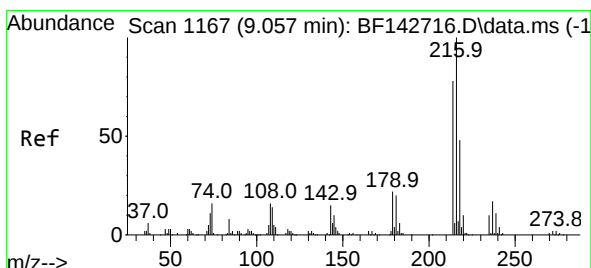
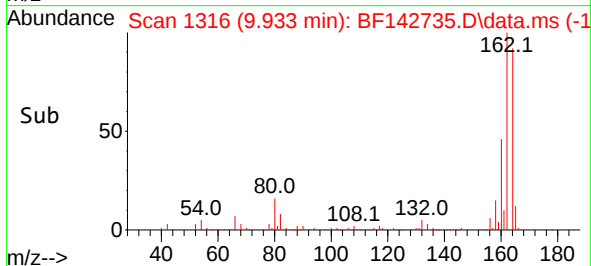
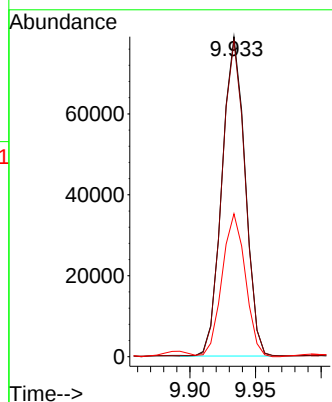
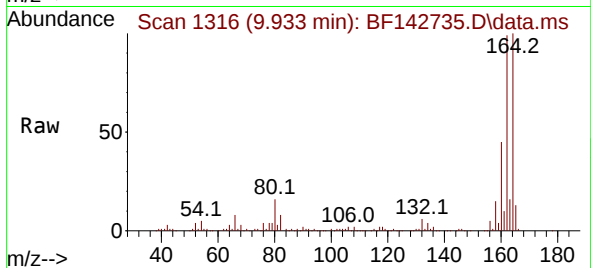
Tgt Ion:164 Resp: 96533

Ion Ratio Lower Upper

164 100

162 98.6 79.9 119.9

160 44.7 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.785 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Tgt Ion:216 Resp: 139097

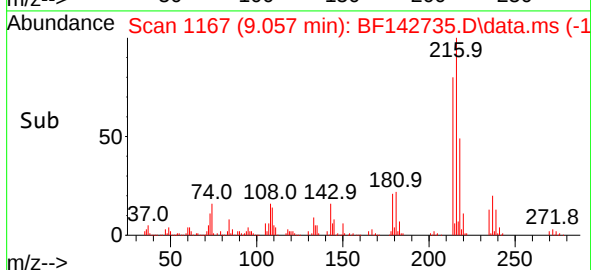
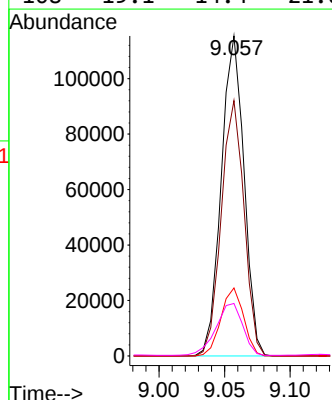
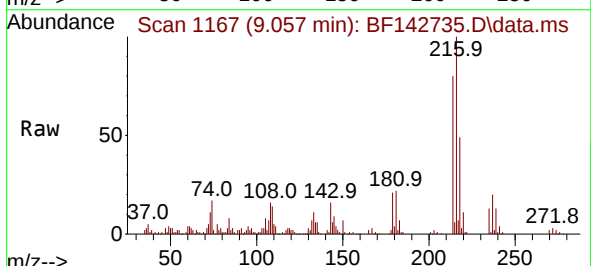
Ion Ratio Lower Upper

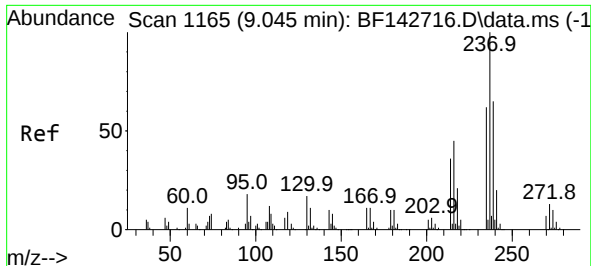
216 100

214 79.7 62.6 94.0

179 21.2 17.1 25.7

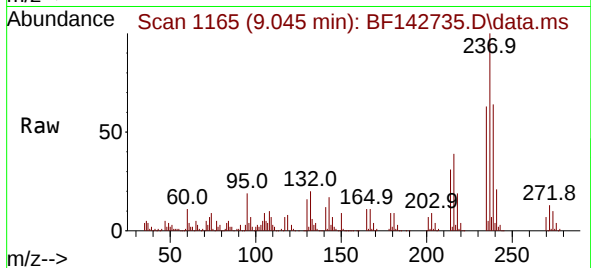
108 19.1 14.4 21.6



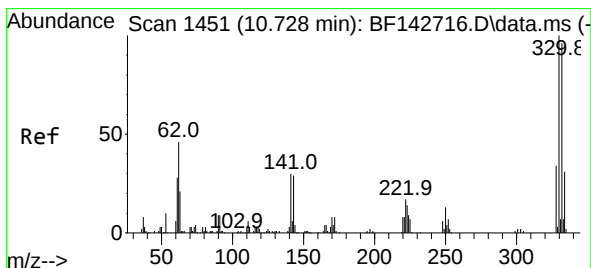
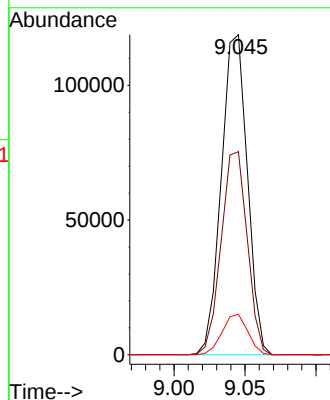
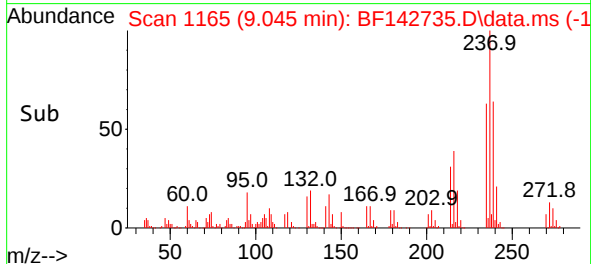


#41
Hexachlorocyclopentadiene
Concen: 84.555 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

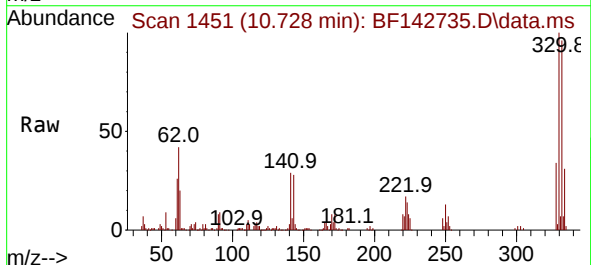
Instrument :
BNA_F
ClientSampleId :



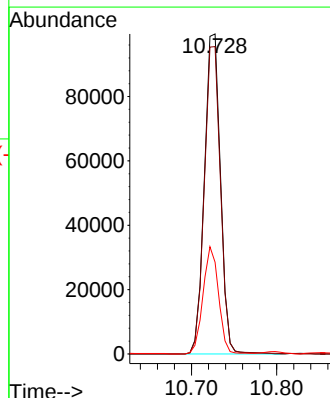
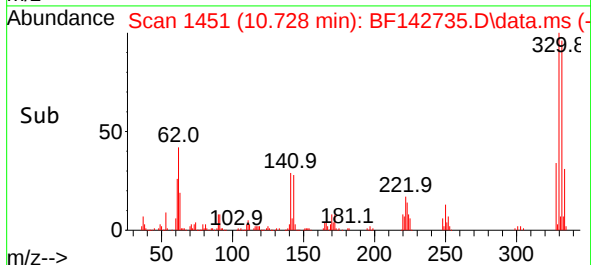
Tgt Ion:237 Resp: 151626
Ion Ratio Lower Upper
237 100
235 63.5 41.9 81.9
272 12.6 0.0 32.5

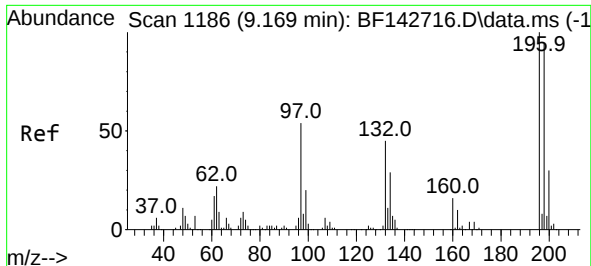


#42
2,4,6-Tribromophenol
Concen: 123.040 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20



Tgt Ion:330 Resp: 130175
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 32.5 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 46.744 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :

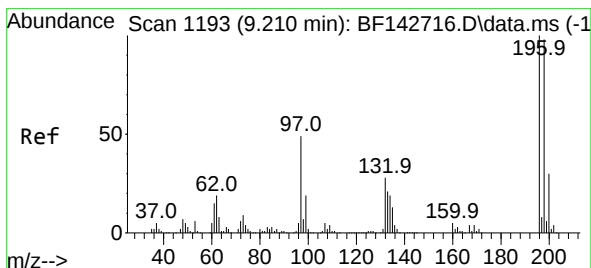
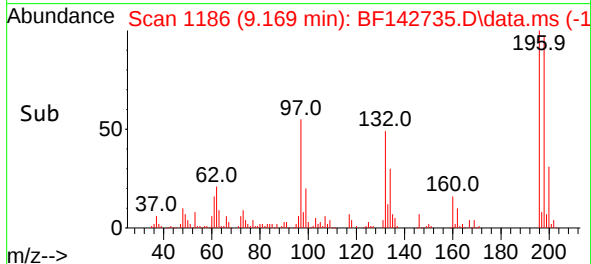
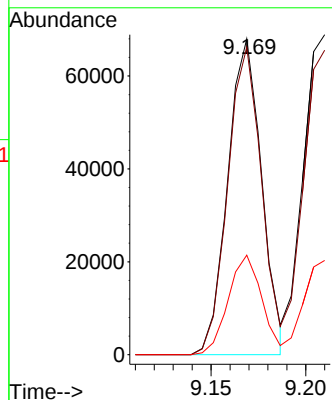
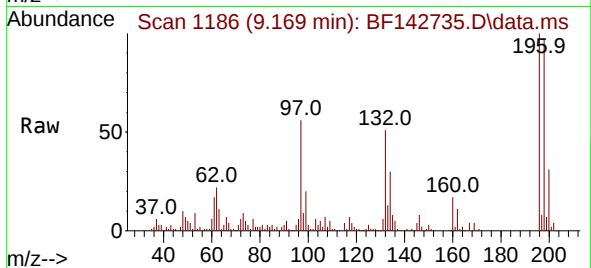
Tgt Ion:196 Resp: 84541

Ion Ratio Lower Upper

196 100

198 97.3 75.5 113.3

200 31.5 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 46.303 ng

RT: 9.210 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Tgt Ion:196 Resp: 90449

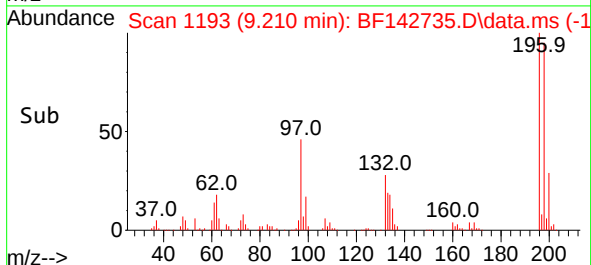
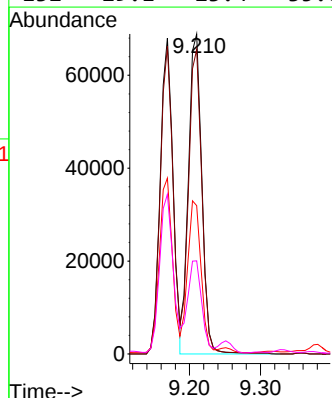
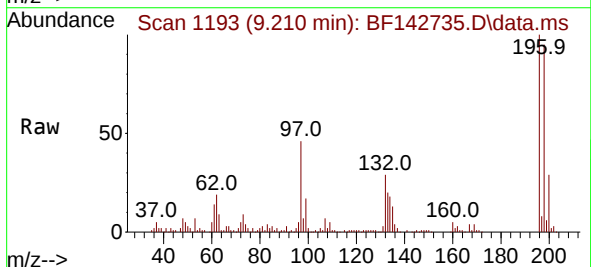
Ion Ratio Lower Upper

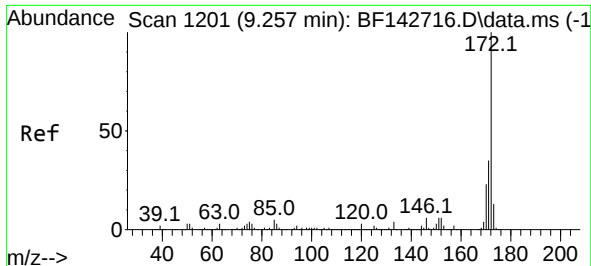
196 100

198 95.2 78.2 117.2

97 46.4 38.6 57.8

132 29.1 23.4 35.0

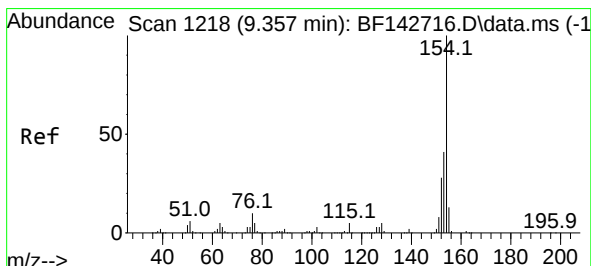
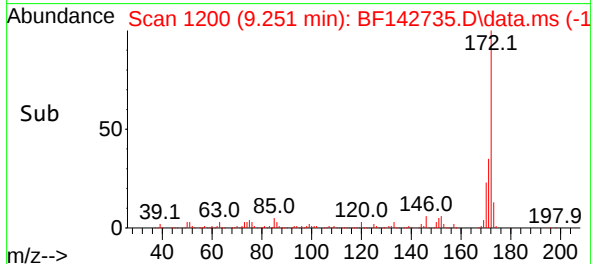
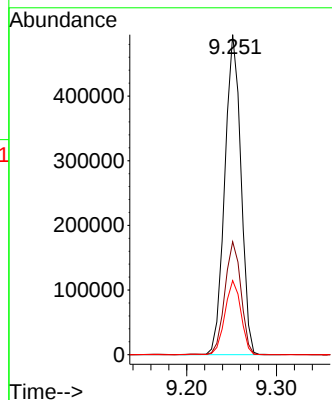
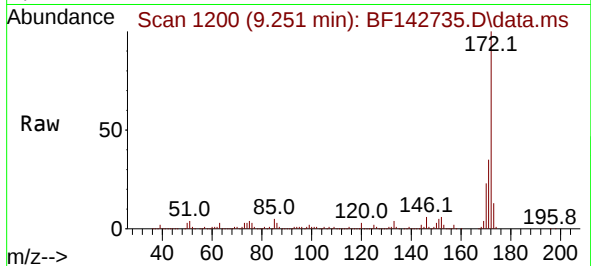




#45
2-Fluorobiphenyl
Concen: 85.249 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

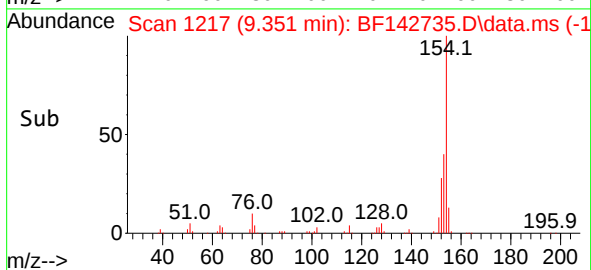
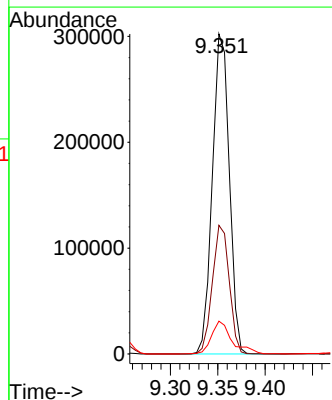
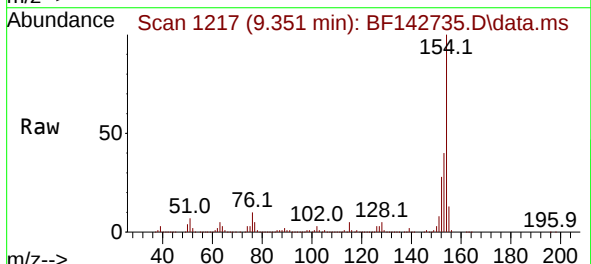
Instrument :
BNA_F
ClientSampleId :

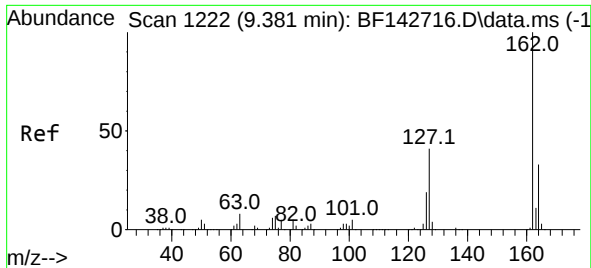
Tgt Ion:172 Resp: 619422
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 49.997 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

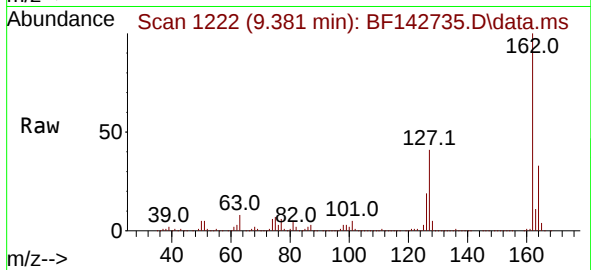
Tgt Ion:154 Resp: 374772
Ion Ratio Lower Upper
154 100
153 40.2 20.6 60.6
76 10.2 0.0 30.2



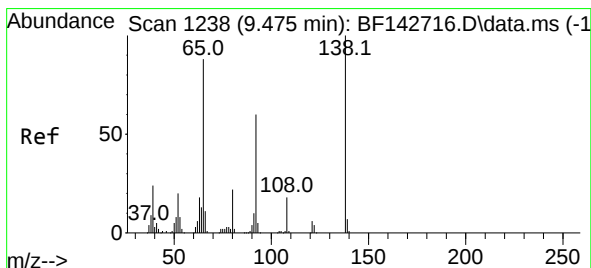
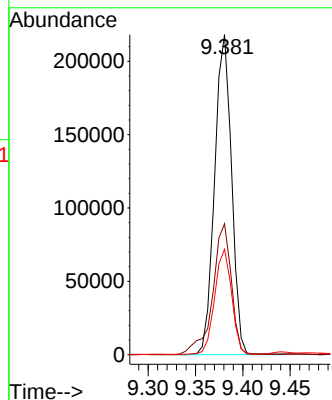
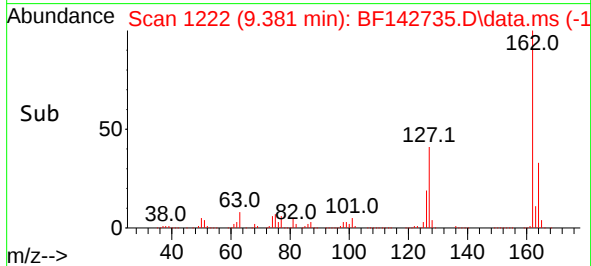


#47
2-Chloronaphthalene
Concen: 49.213 ng
RT: 9.381 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Instrument :
BNA_F
ClientSampleId :

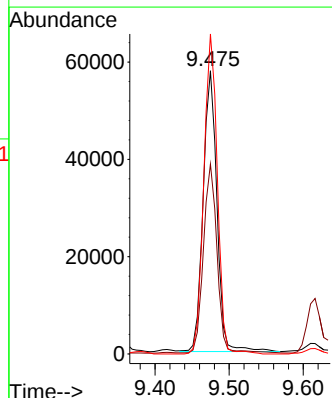
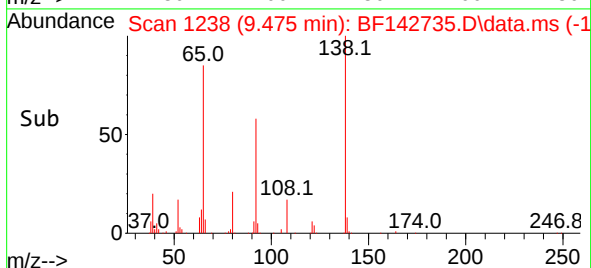
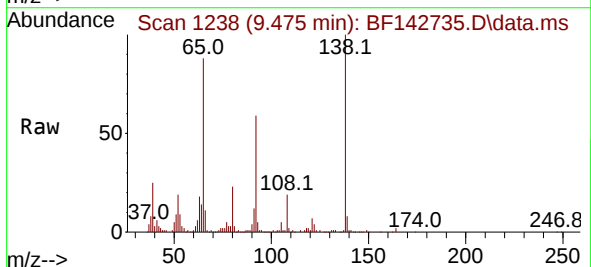


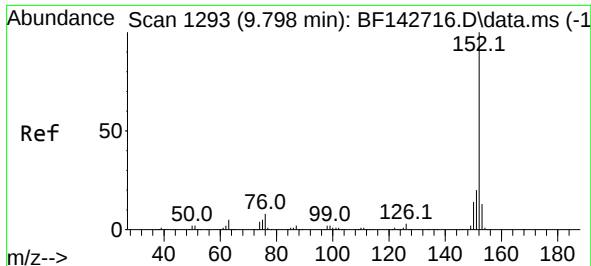
Tgt Ion:162 Resp: 271776
Ion Ratio Lower Upper
162 100
127 40.9 33.5 50.3
164 33.0 26.1 39.1



#48
2-Nitroaniline
Concen: 47.578 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion: 65 Resp: 74730
Ion Ratio Lower Upper
65 100
92 67.0 54.5 81.7
138 113.0 90.6 136.0

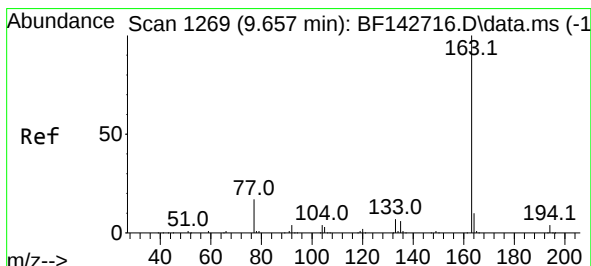
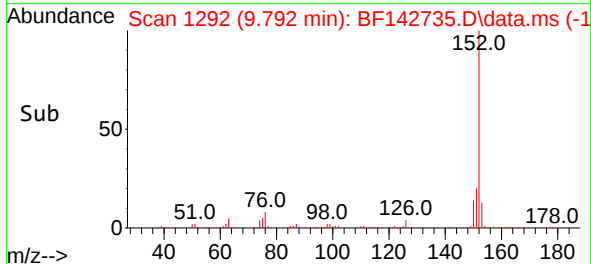
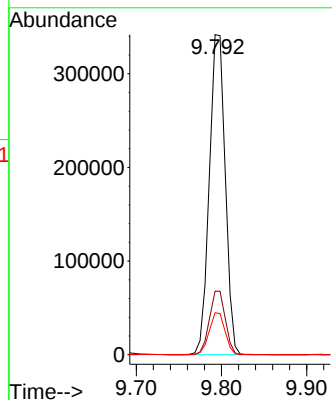
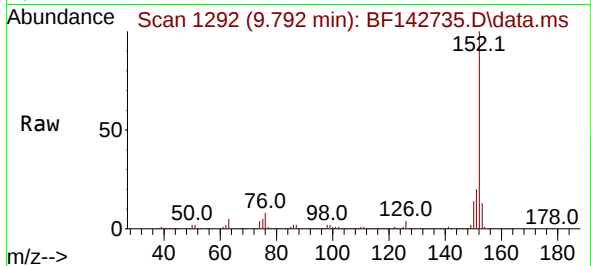




#49
Acenaphthylene
Concen: 47.703 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

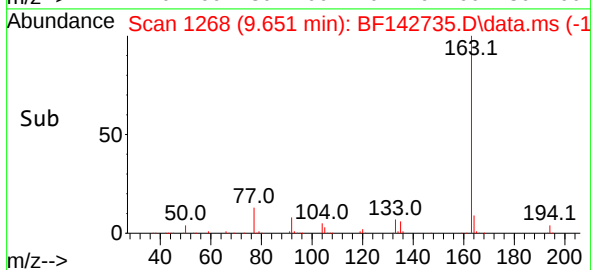
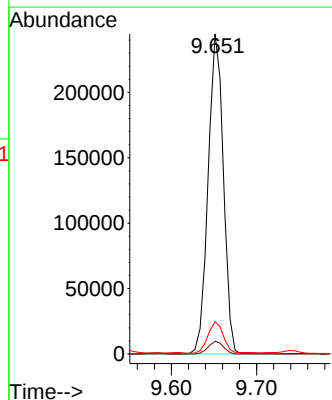
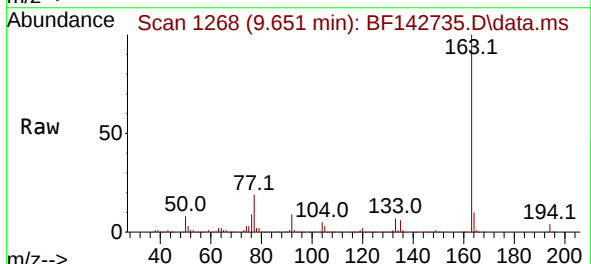
Instrument :
BNA_F
ClientSampleId :

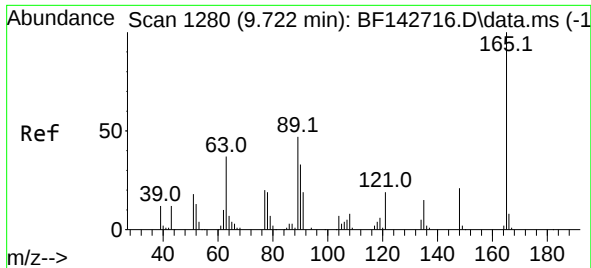
Tgt Ion:152 Resp: 444191
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 47.193 ng
RT: 9.651 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:163 Resp: 304222
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.0 12.0

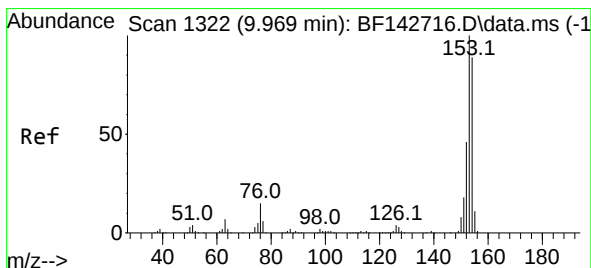
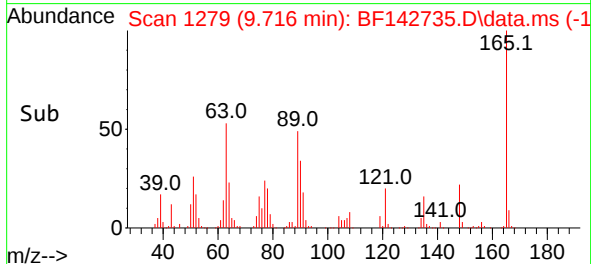
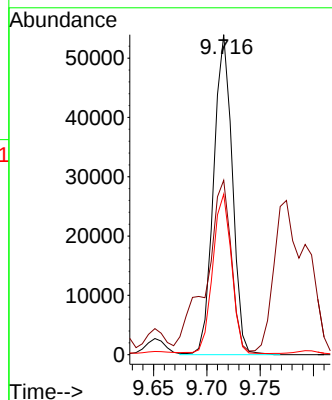
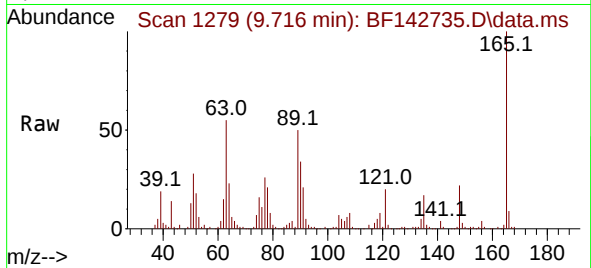




#51
2,6-Dinitrotoluene
Concen: 47.222 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

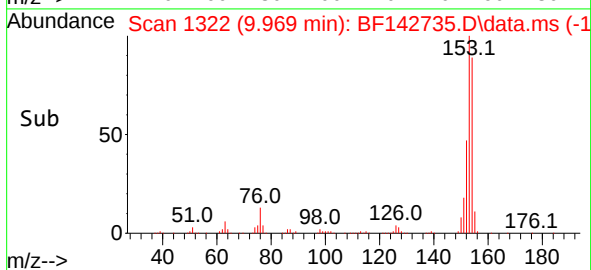
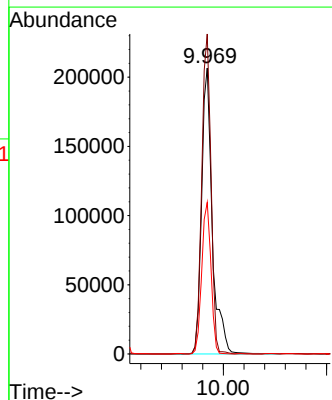
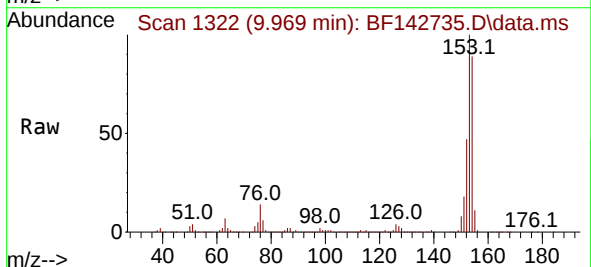
Instrument :
BNA_F
ClientSampleId :

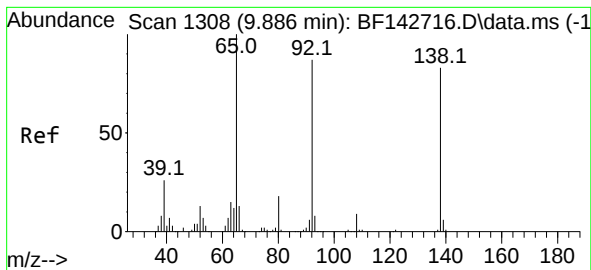
Tgt Ion:165 Resp: 65791
Ion Ratio Lower Upper
165 100
63 54.5 40.6 60.8
89 50.2 37.6 56.4



#52
Acenaphthene
Concen: 51.407 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:154 Resp: 296788
Ion Ratio Lower Upper
154 100
153 111.9 90.1 135.1
152 53.0 41.9 62.9





#53

3-Nitroaniline

Concen: 21.281 ng

RT: 9.881 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :

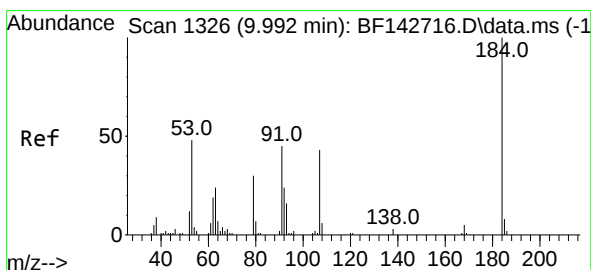
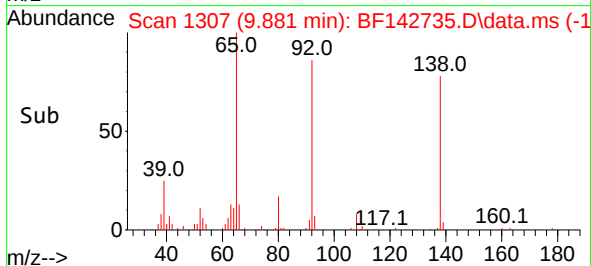
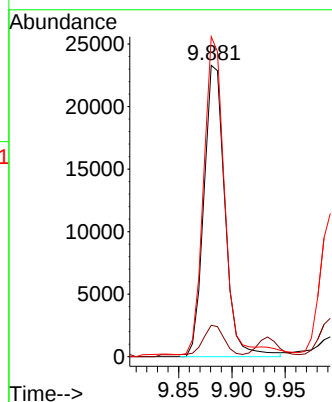
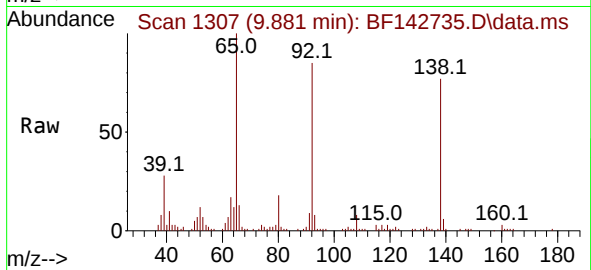
Tgt Ion:138 Resp: 32158

Ion Ratio Lower Upper

138 100

108 10.7 8.3 12.5

92 109.8 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 85.243 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

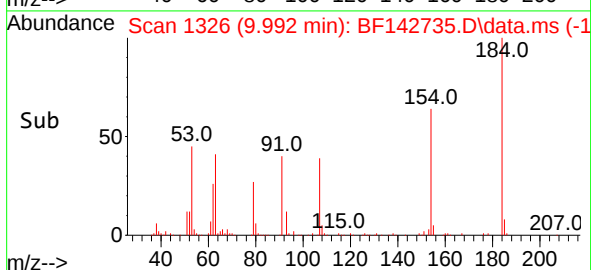
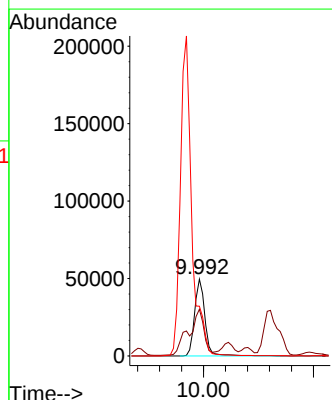
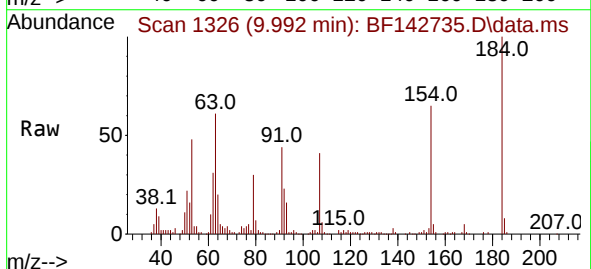
Tgt Ion:184 Resp: 65055

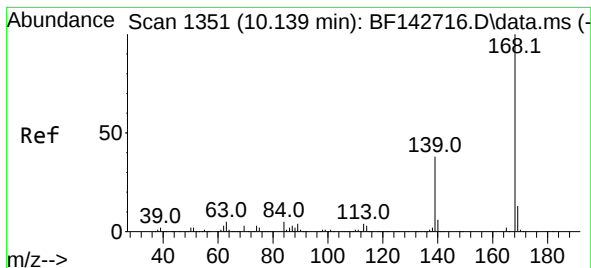
Ion Ratio Lower Upper

184 100

63 60.9 51.7 77.5

154 64.8 60.1 90.1





#55

Dibenzenofuran

Concen: 48.396 ng

RT: 10.139 min Scan# 1351

Delta R.T. -0.000 min

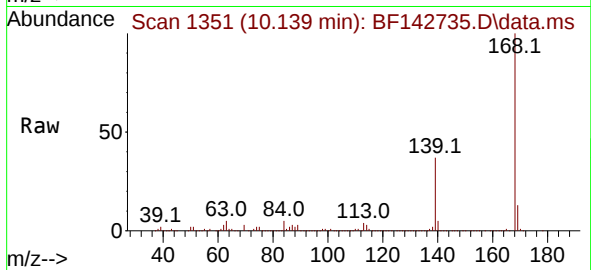
Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :



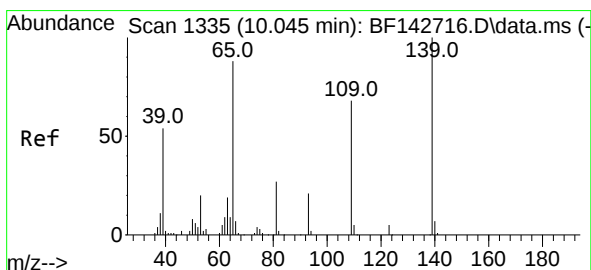
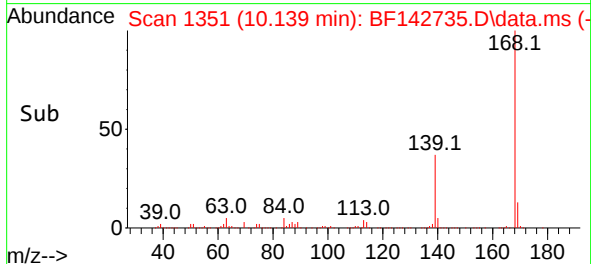
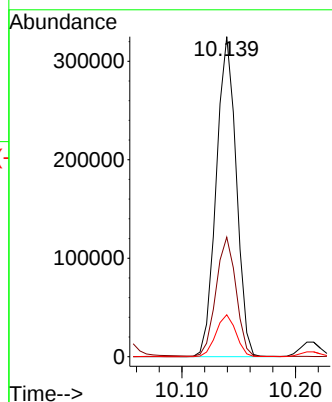
Tgt Ion:168 Resp: 397876

Ion Ratio Lower Upper

168 100

139 37.3 30.9 46.3

169 13.1 10.8 16.2



#56

4-Nitrophenol

Concen: 39.567 ng

RT: 10.045 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

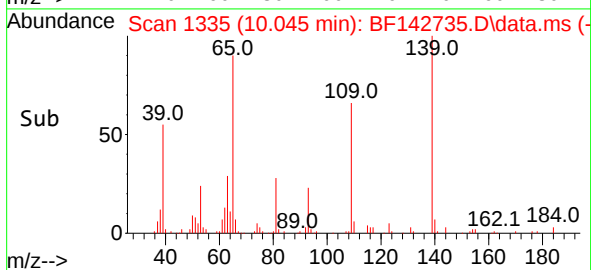
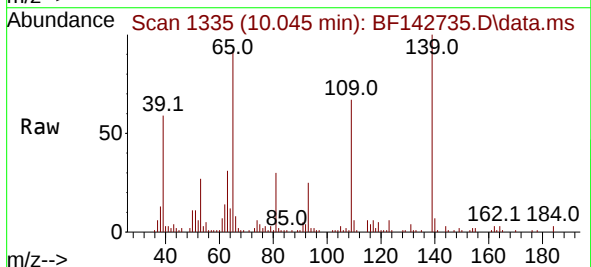
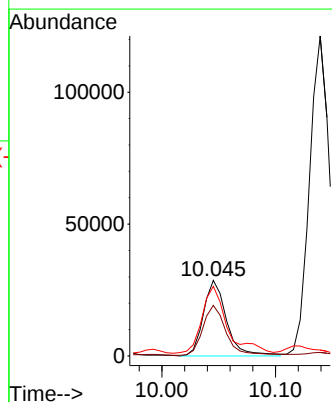
Tgt Ion:139 Resp: 40552

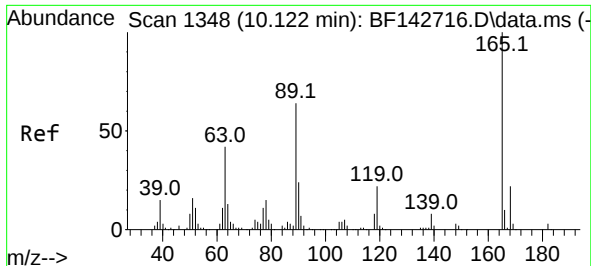
Ion Ratio Lower Upper

139 100

109 67.0 47.5 87.5

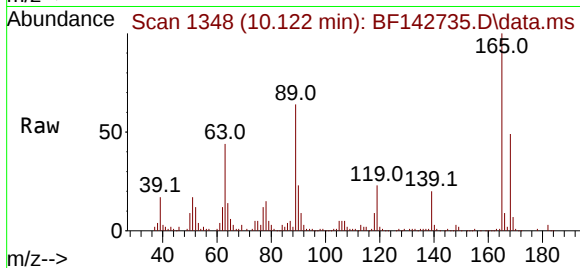
65 92.2 69.2 109.2



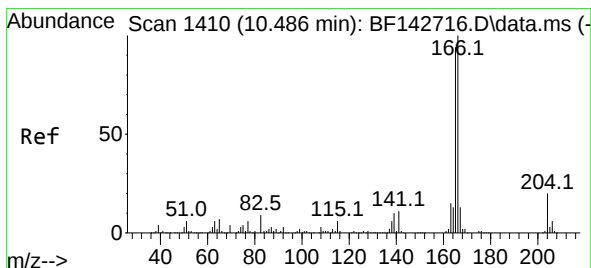
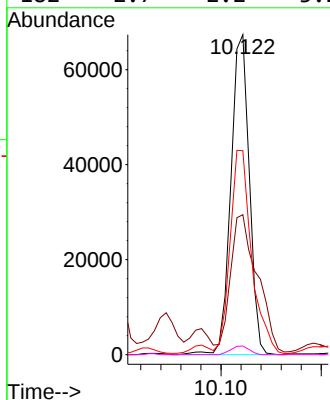
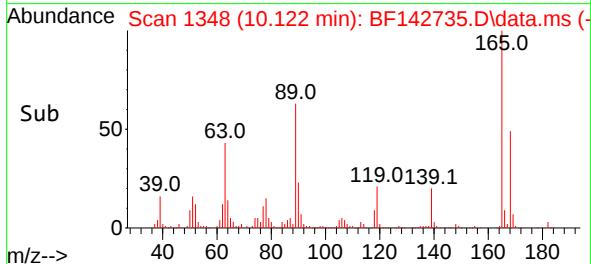


#57
2,4-Dinitrotoluene
Concen: 46.759 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

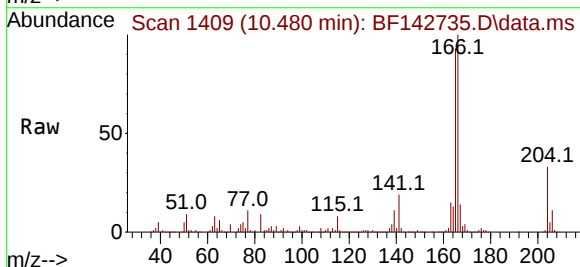
Instrument :
BNA_F
ClientSampleId :



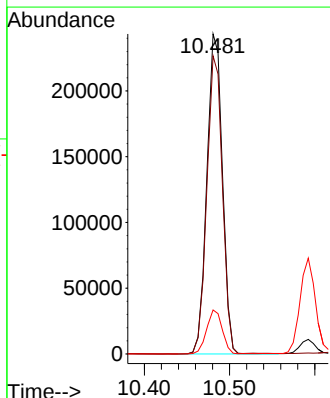
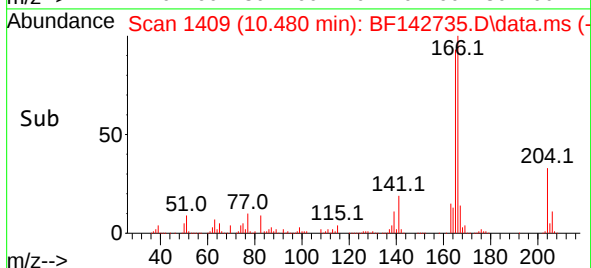
Tgt Ion:165 Resp: 86133
Ion Ratio Lower Upper
165 100
63 43.7 34.1 51.1
89 63.8 50.8 76.2
182 2.7 2.2 3.2

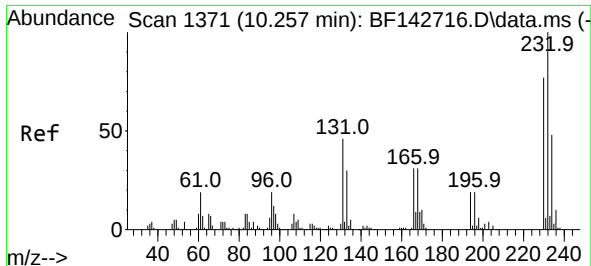


#58
Fluorene
Concen: 47.491 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20



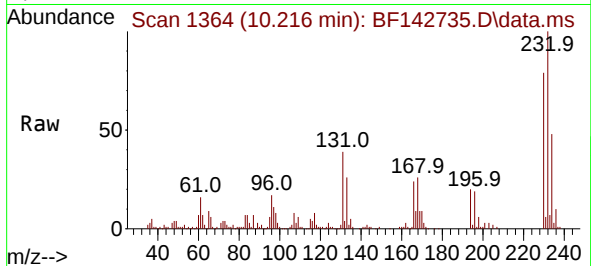
Tgt Ion:166 Resp: 308320
Ion Ratio Lower Upper
166 100
165 93.1 74.9 112.3
167 13.7 10.7 16.1



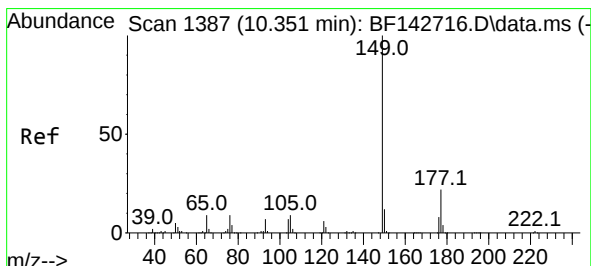
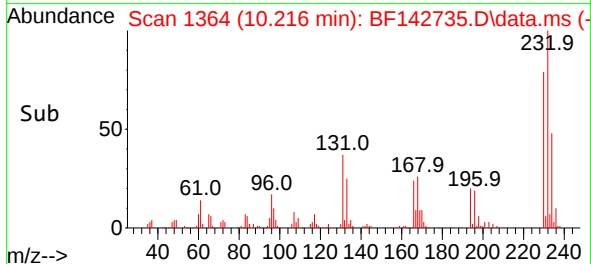
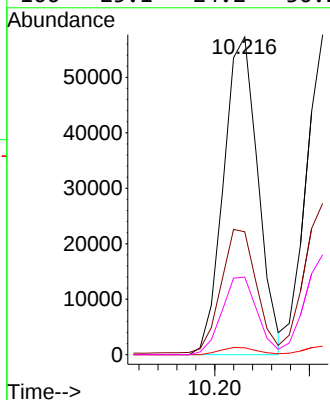


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.967 ng
RT: 10.216 min Scan# 1364
Delta R.T. -0.041 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Instrument :
BNA_F
ClientSampleId :

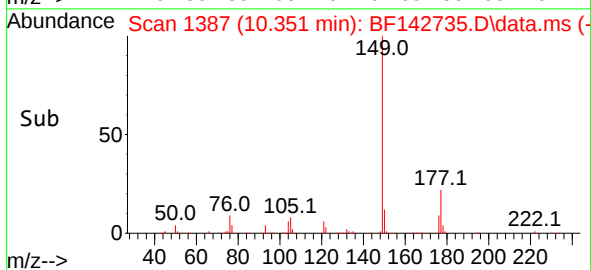
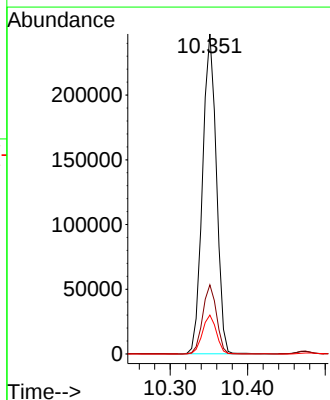
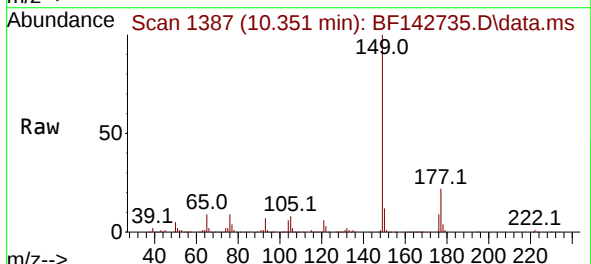


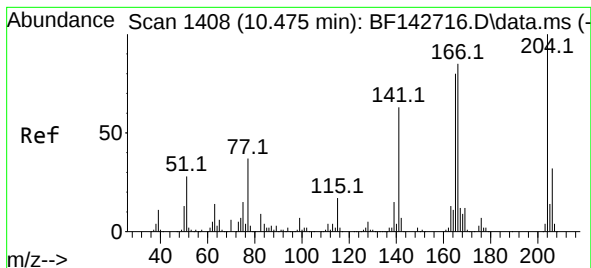
Tgt Ion:232 Resp: 72255
Ion Ratio Lower Upper
232 100
131 40.1 35.8 53.8
130 2.5 1.8 2.6
166 25.1 24.2 36.2



#60
Diethylphthalate
Concen: 47.876 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

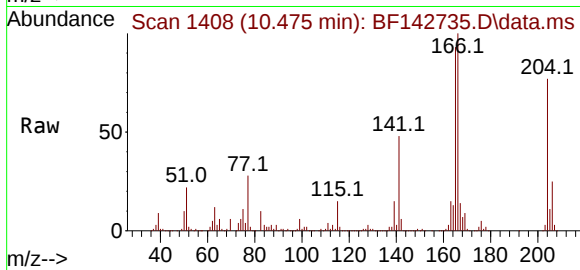
Tgt Ion:149 Resp: 306024
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.2 10.0 15.0



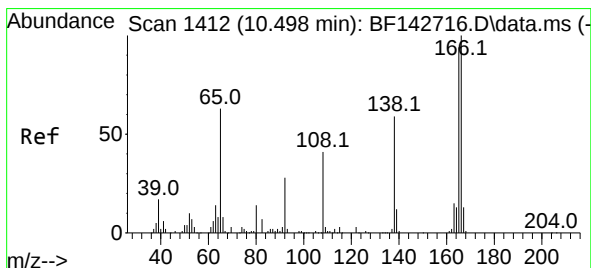
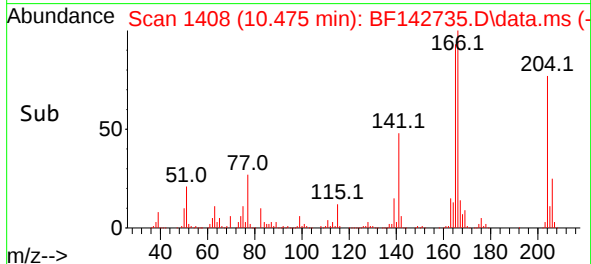
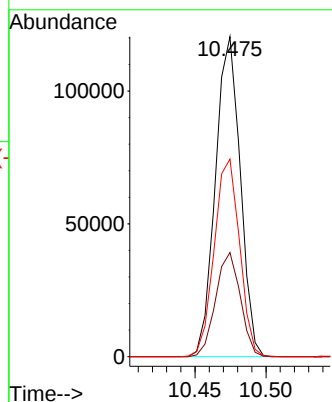


#61
4-Chlorophenyl-phenylether
Concen: 46.191 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Instrument :
BNA_F
ClientSampleId :

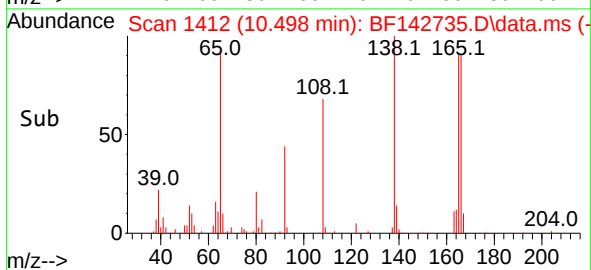
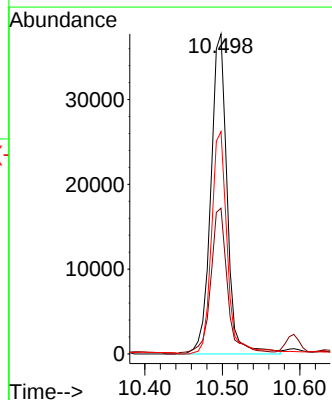
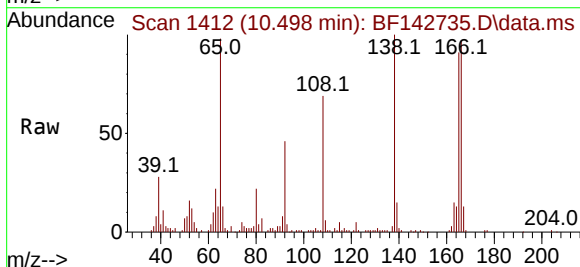


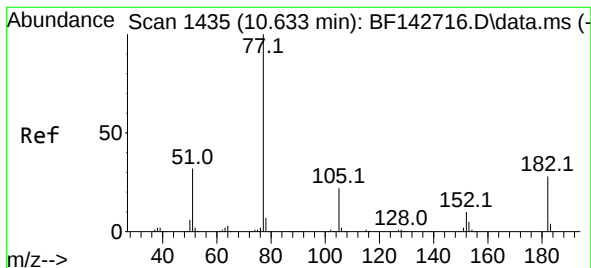
Tgt Ion:204 Resp: 146451
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 61.7 50.2 75.4



#62
4-Nitroaniline
Concen: 40.955 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:138 Resp: 55367
Ion Ratio Lower Upper
138 100
92 45.5 27.2 67.2
108 69.5 49.9 89.9





#63

Azobenzene

Concen: 46.531 ng

RT: 10.633 min Scan# 1435

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 259761

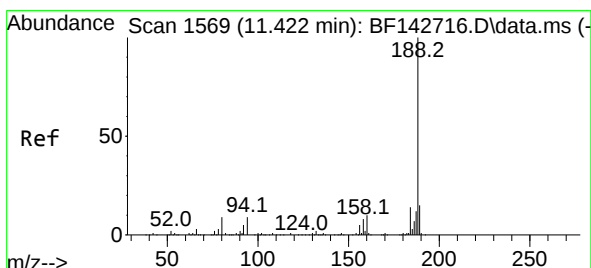
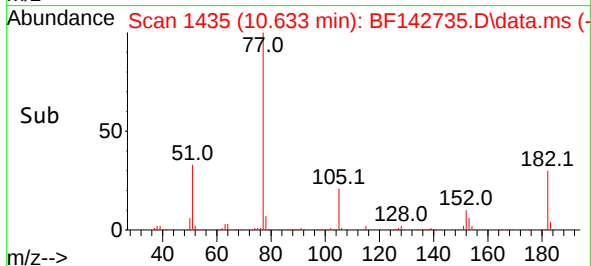
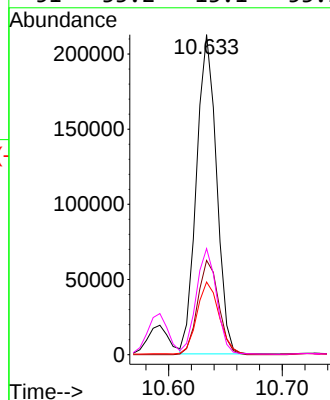
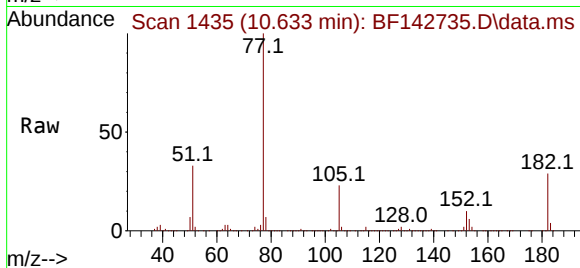
Ion Ratio Lower Upper

77 100

182 29.5 7.8 47.8

105 22.7 1.9 41.9

51 33.2 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

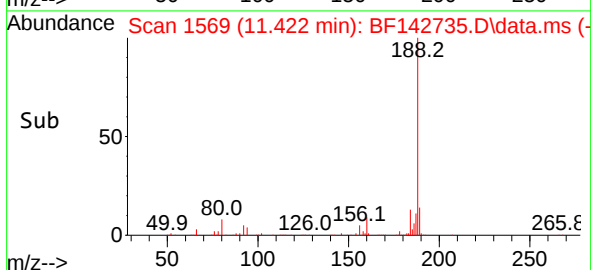
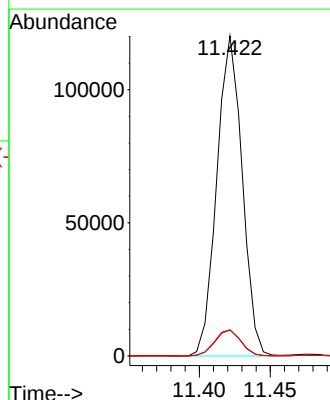
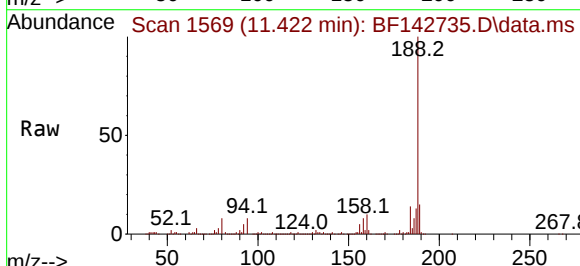
Tgt Ion: 188 Resp: 149205

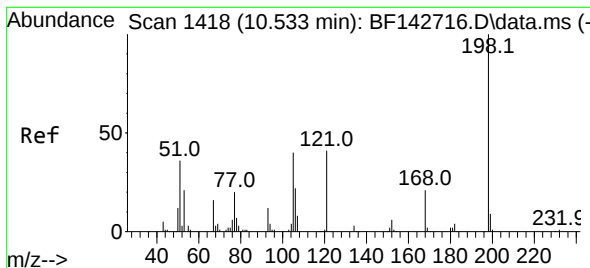
Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 8.2 7.1 10.7

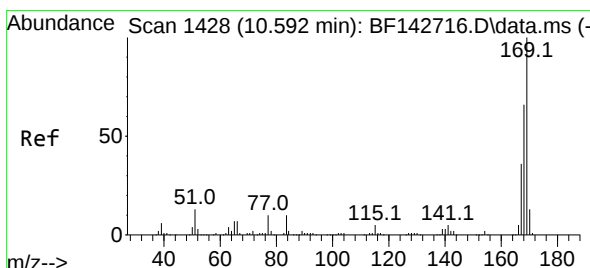
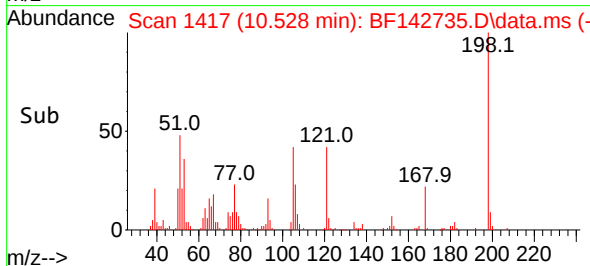
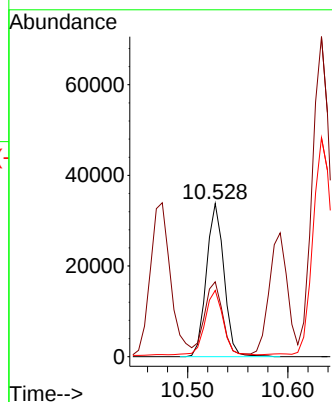
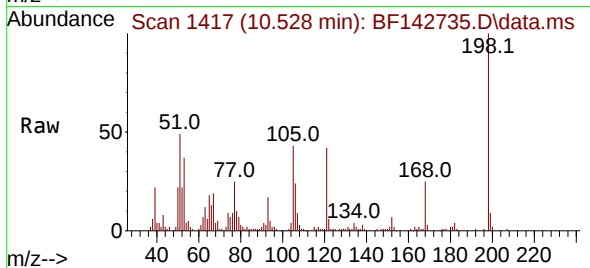




#65
4,6-Dinitro-2-methylphenol
Concen: 44.173 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

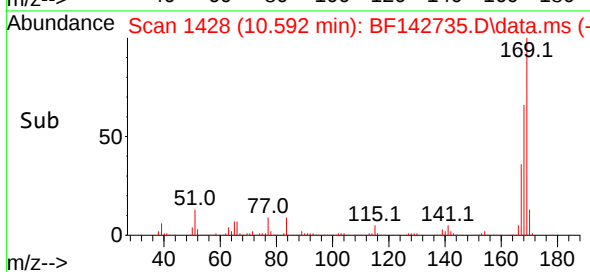
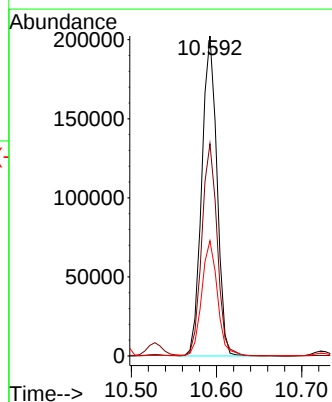
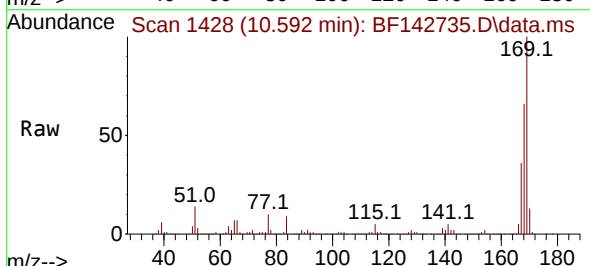
Instrument :
BNA_F
ClientSampleId :

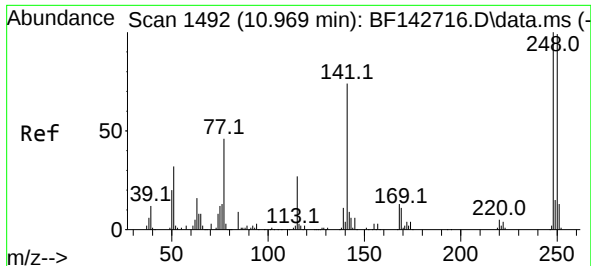
Tgt Ion:198 Resp: 41273
Ion Ratio Lower Upper
198 100
51 48.9 25.5 65.5
105 43.2 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 48.770 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:169 Resp: 250126
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.4
167 36.0 28.7 43.1

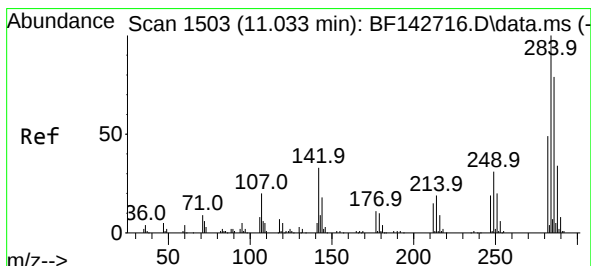
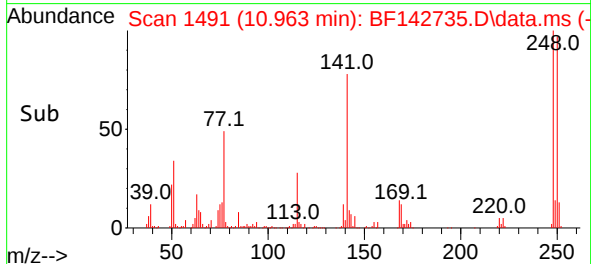
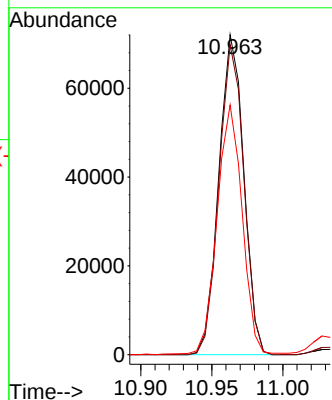
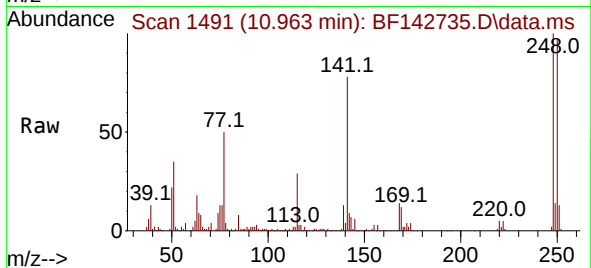




#67
4-Bromophenyl-phenylether
Concen: 49.973 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

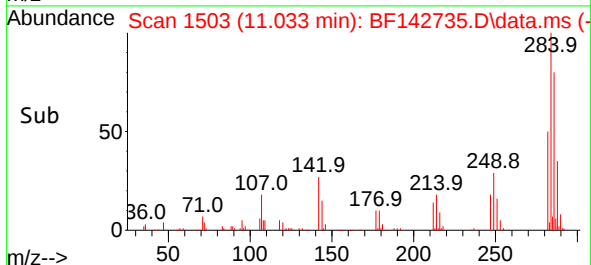
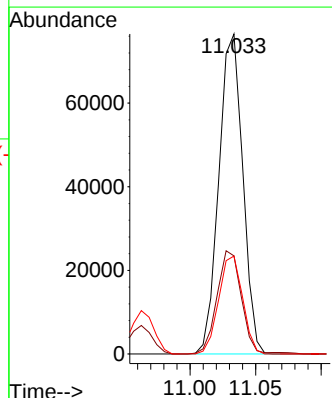
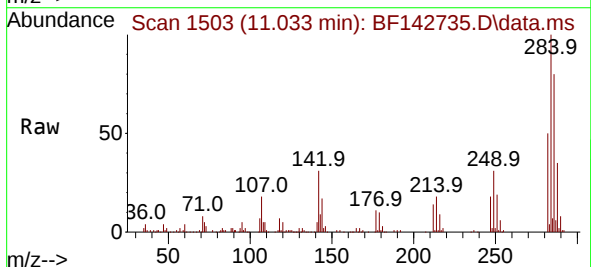
Instrument :
BNA_F
ClientSampleId :

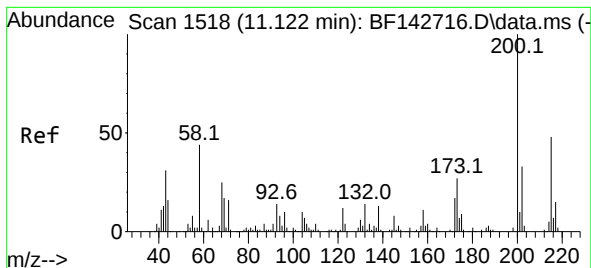
Tgt Ion:248 Resp: 88012
Ion Ratio Lower Upper
248 100
250 96.9 79.2 118.8
141 78.0 59.3 88.9



#68
Hexachlorobenzene
Concen: 49.565 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:284 Resp: 96899
Ion Ratio Lower Upper
284 100
142 30.7 26.0 39.0
249 30.6 24.6 37.0





#69

Atrazine

Concen: 53.489 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :

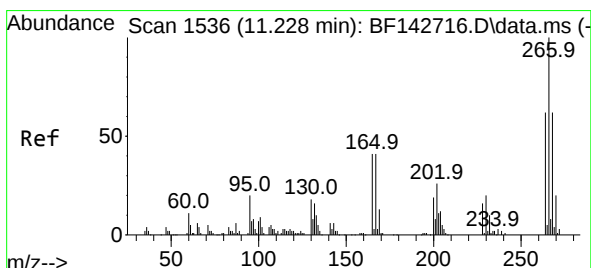
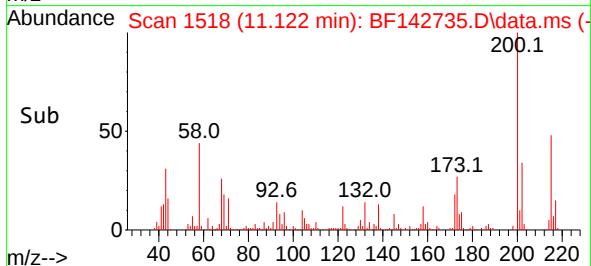
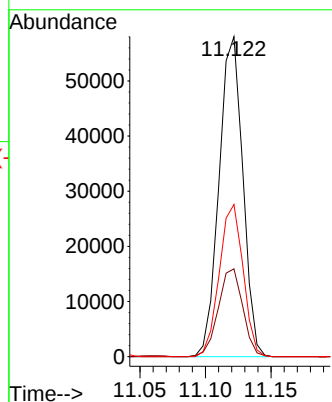
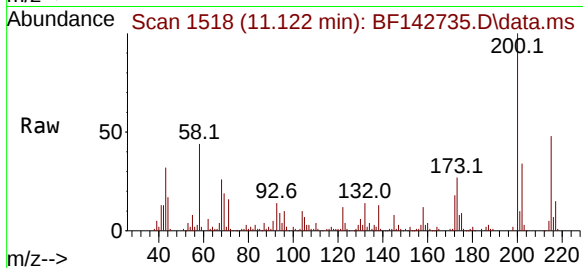
Tgt Ion:200 Resp: 73139

Ion Ratio Lower Upper

200 100

173 27.5 7.4 47.4

215 47.5 28.2 68.2



#70

Pentachlorophenol

Concen: 106.085 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

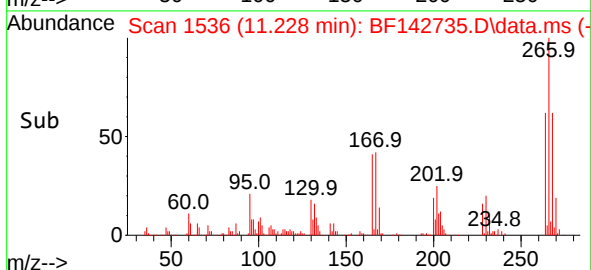
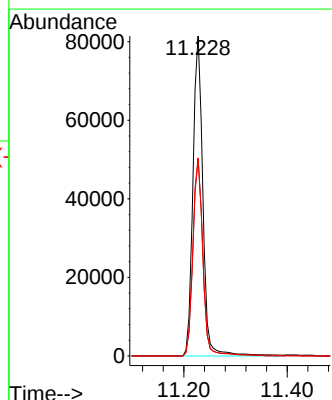
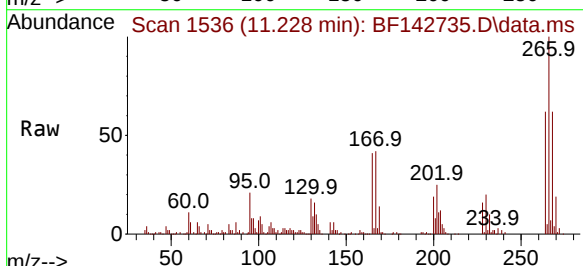
Tgt Ion:266 Resp: 108714

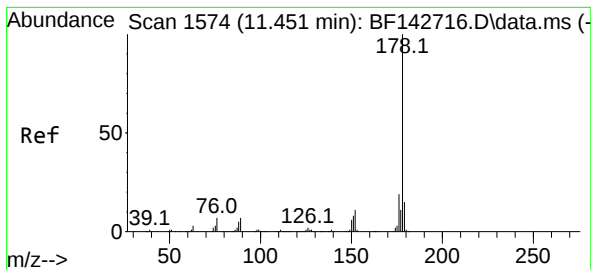
Ion Ratio Lower Upper

266 100

268 61.6 49.6 74.4

264 61.9 49.5 74.3





#71

Phenanthrene

Concen: 50.970 ng

RT: 11.445 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :

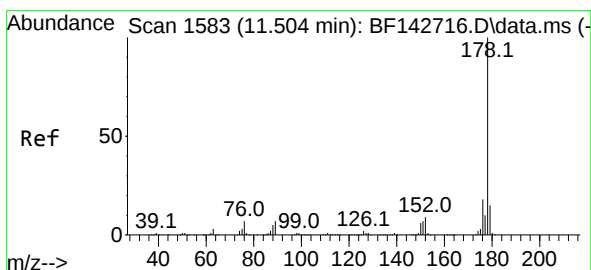
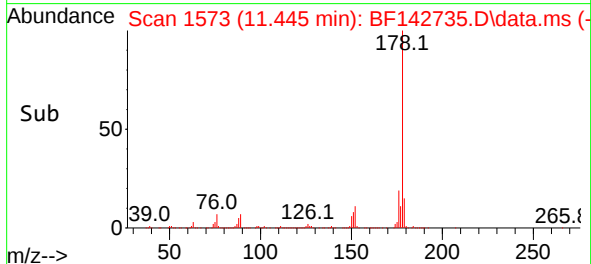
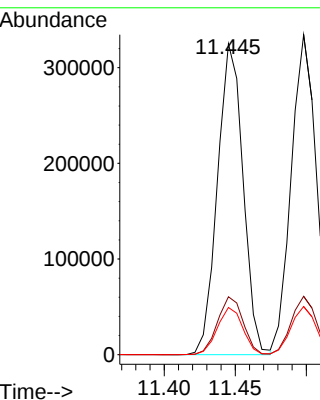
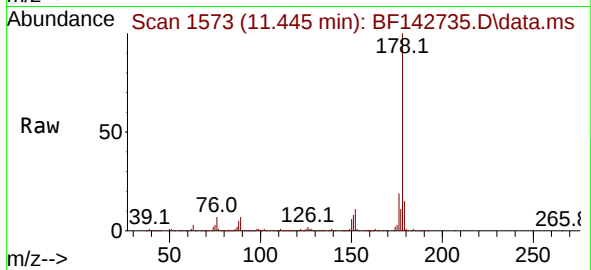
Tgt Ion:178 Resp: 407429

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

179 15.2 12.2 18.4



#72

Anthracene

Concen: 49.642 ng

RT: 11.498 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

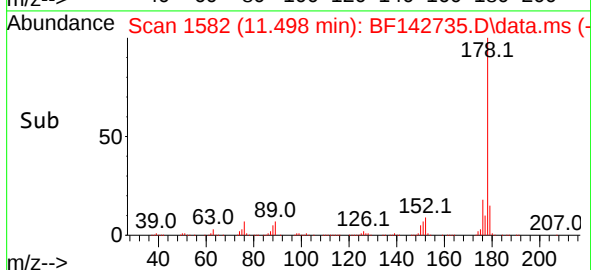
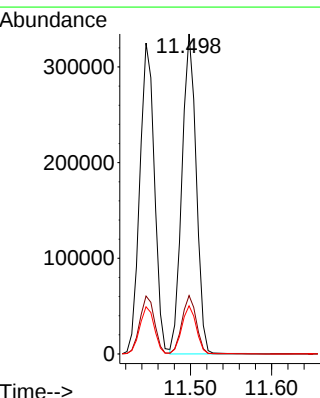
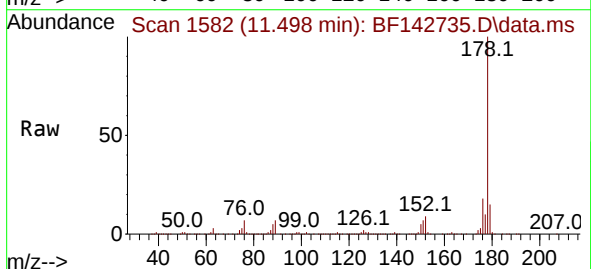
Tgt Ion:178 Resp: 410494

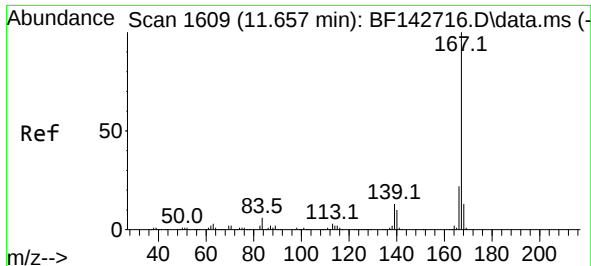
Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

179 15.0 12.2 18.2

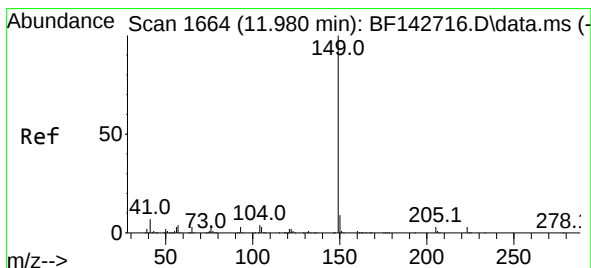
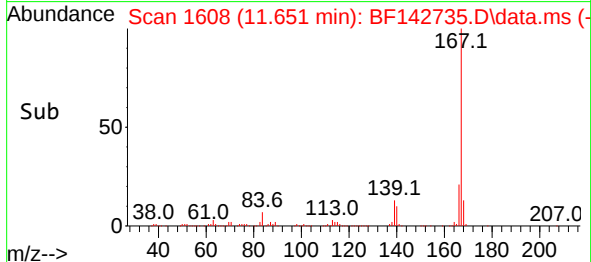
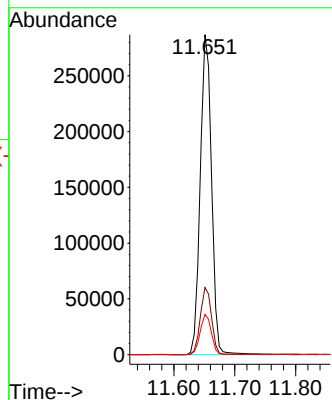
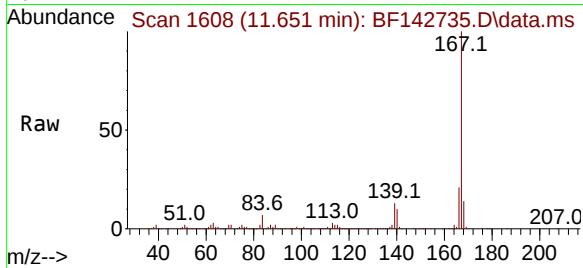




#73
Carbazole
Concen: 53.339 ng
RT: 11.651 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

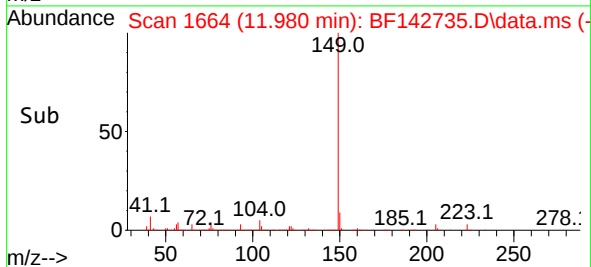
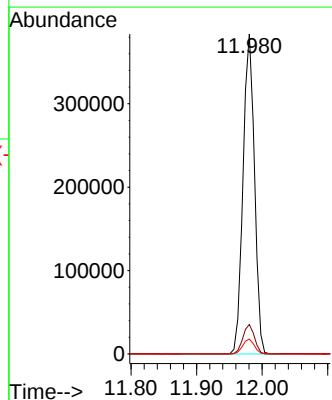
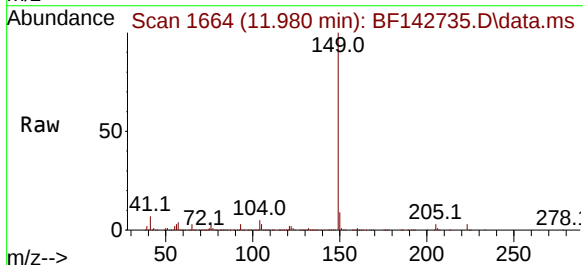
Instrument :
BNA_F
ClientSampleId :

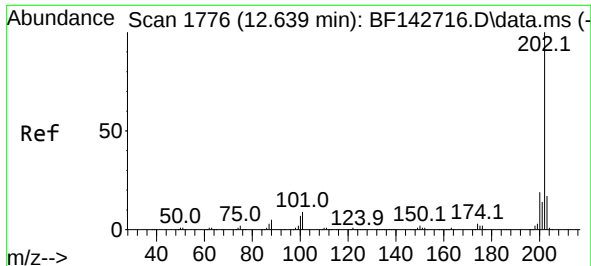
Tgt Ion:167 Resp: 369243
Ion Ratio Lower Upper
167 100
166 21.0 17.2 25.8
139 12.6 10.2 15.4



#74
Di-n-butylphthalate
Concen: 60.483 ng
RT: 11.980 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:149 Resp: 467525
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 4.6 3.4 5.2

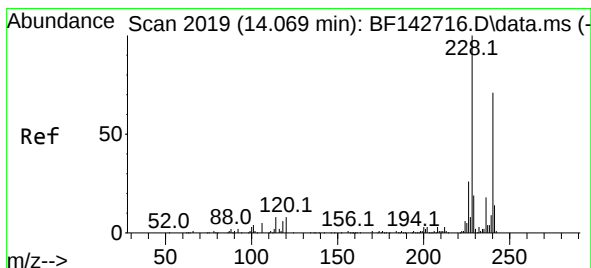
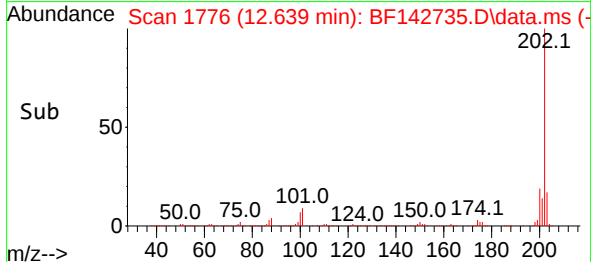
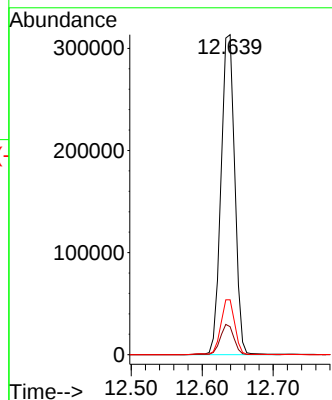
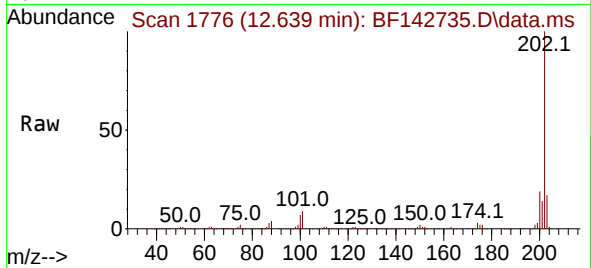




#75
Fluoranthene
Concen: 55.250 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

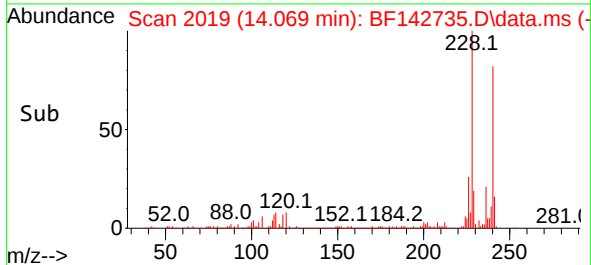
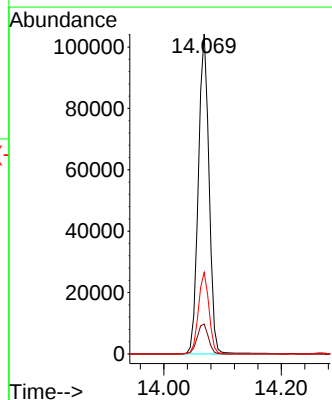
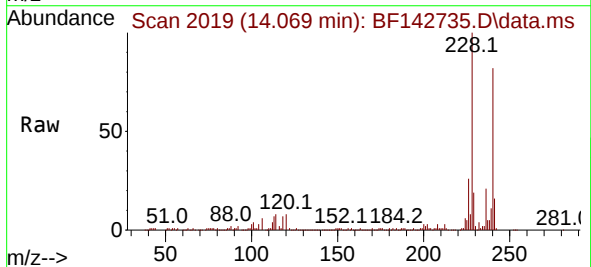
Instrument :
BNA_F
ClientSampleId :

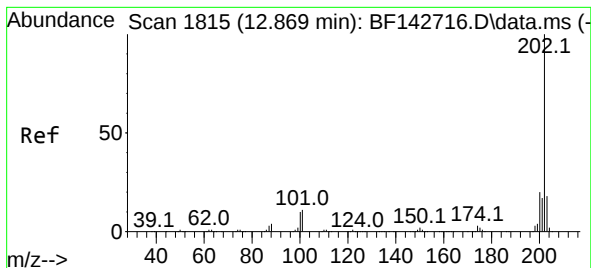
Tgt Ion:202 Resp: 419950
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.5
203 17.1 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Tgt Ion:240 Resp: 131264
Ion Ratio Lower Upper
240 100
120 9.4 8.5 12.7
236 25.5 20.1 30.1





#78

Pyrene

Concen: 34.555 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :

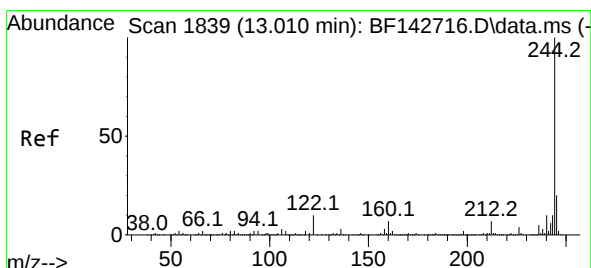
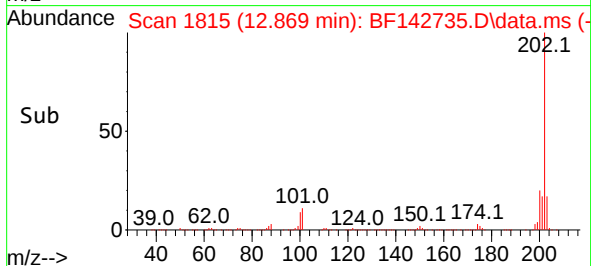
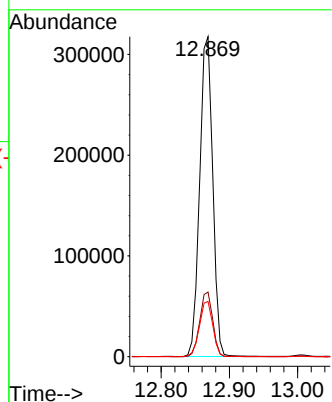
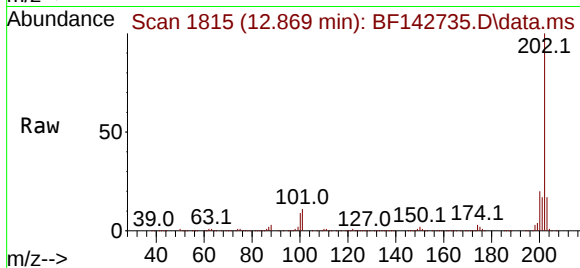
Tgt Ion:202 Resp: 421513

Ion Ratio Lower Upper

202 100

200 20.2 15.8 23.8

203 17.3 14.1 21.1



#79

Terphenyl-d14

Concen: 60.099 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

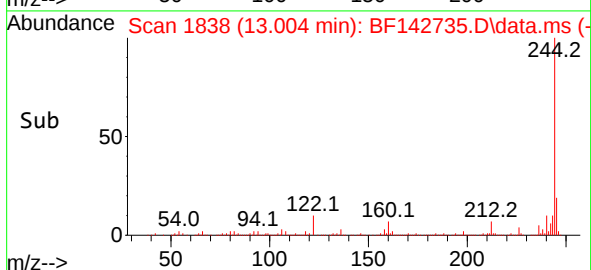
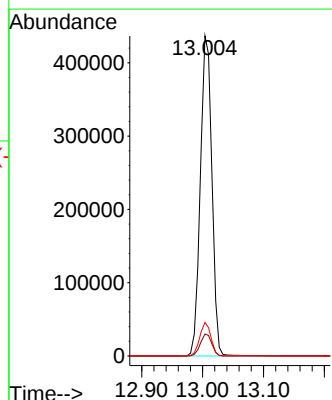
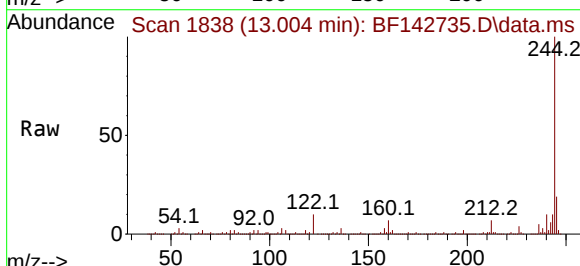
Tgt Ion:244 Resp: 574387

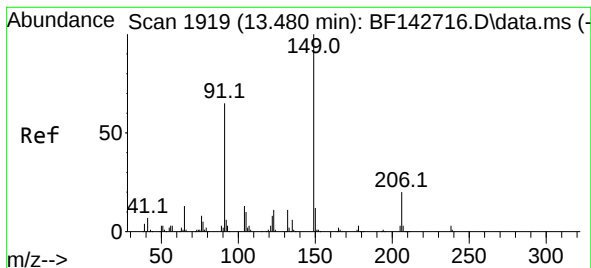
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.4 8.3 12.5





#80

Butylbenzylphthalate

Concen: 54.778 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BF142735.D

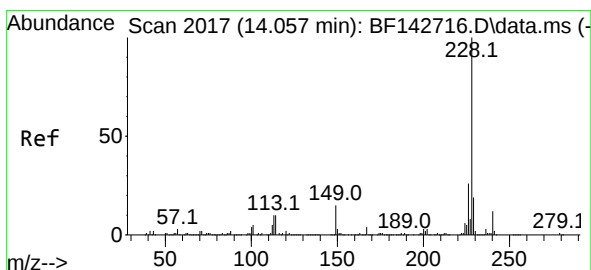
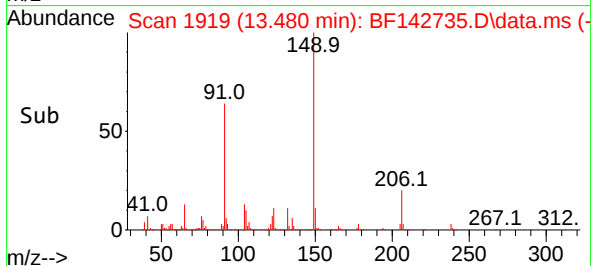
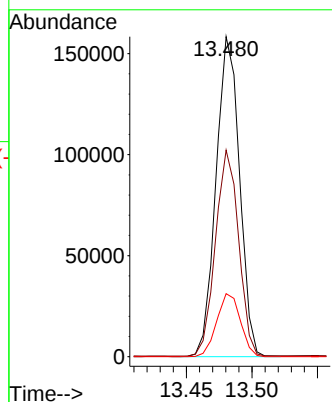
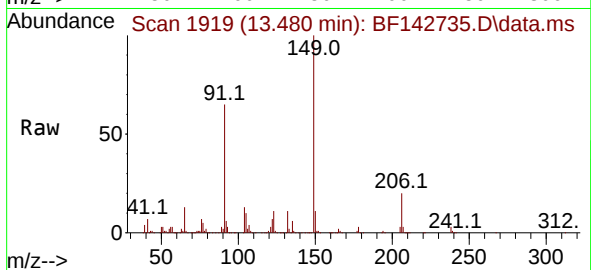
Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	197597
Ion Ratio	Lower	Upper	
149	100		
91	64.6	52.3	78.5
206	19.7	16.0	24.0



#81

Benzo(a)anthracene

Concen: 48.624 ng

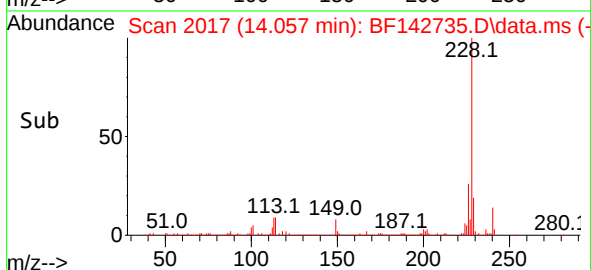
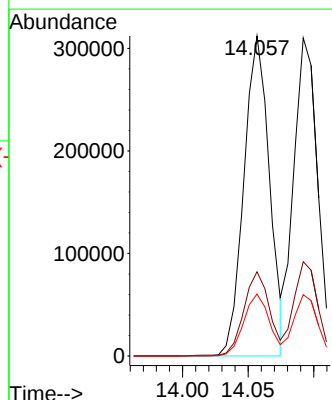
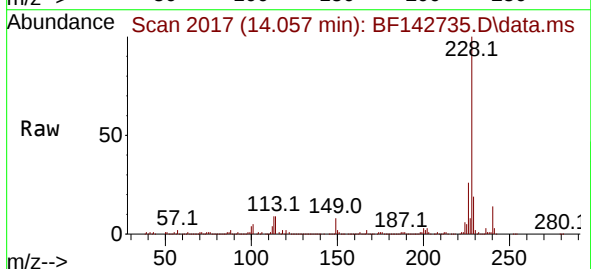
RT: 14.057 min Scan# 2017

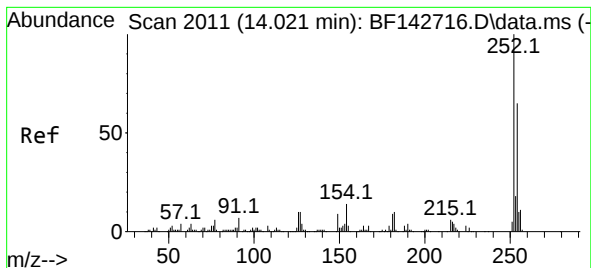
Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Tgt Ion:	228	Resp:	422953
Ion Ratio	Lower	Upper	
228	100		
226	26.3	21.0	31.4
229	19.4	15.5	23.3

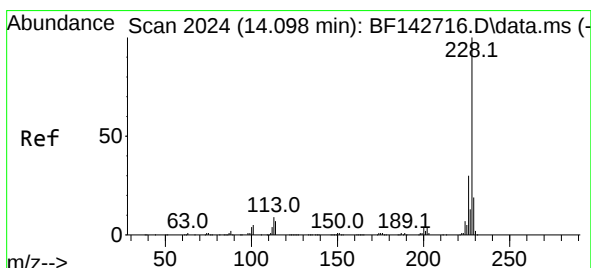
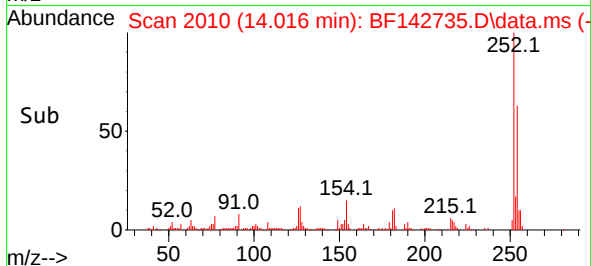
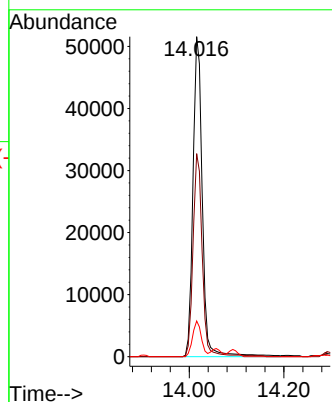
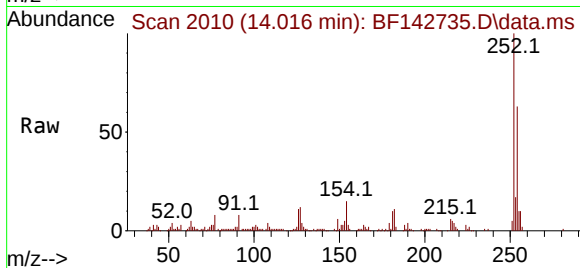




#82
 3,3'-Dichlorobenzidine
 Concen: 25.254 ng
 RT: 14.016 min Scan# 2011
 Delta R.T. -0.006 min
 Lab File: BF142735.D
 Acq: 11 Jun 2025 15:20

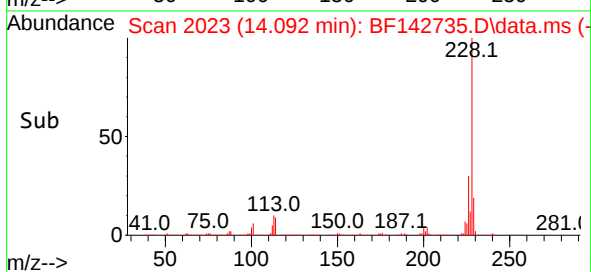
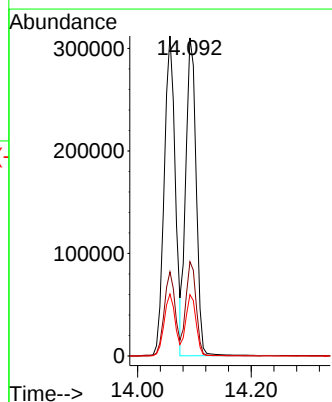
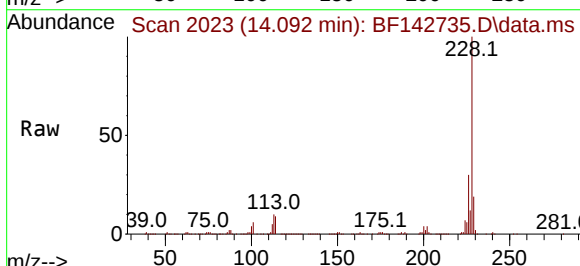
Instrument :
 BNA_F
 ClientSampleId :

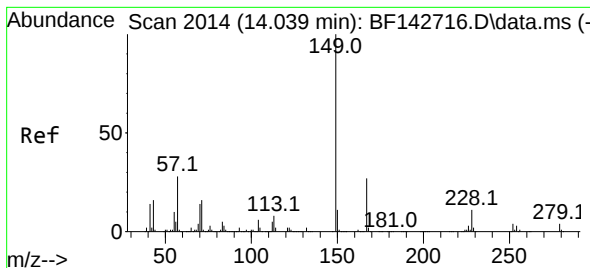
Tgt Ion:252 Resp: 70837
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.8 77.6
 126 11.2 8.1 12.1



#83
 Chrysene
 Concen: 48.958 ng
 RT: 14.092 min Scan# 2023
 Delta R.T. -0.006 min
 Lab File: BF142735.D
 Acq: 11 Jun 2025 15:20

Tgt Ion:228 Resp: 393175
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.6 35.4
 229 19.3 15.5 23.3

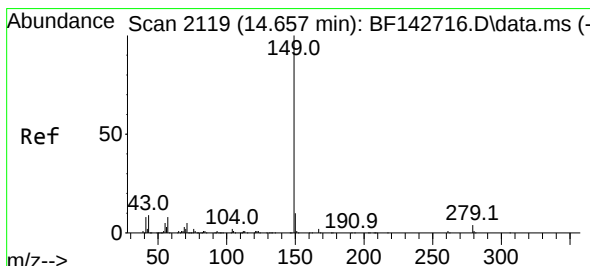
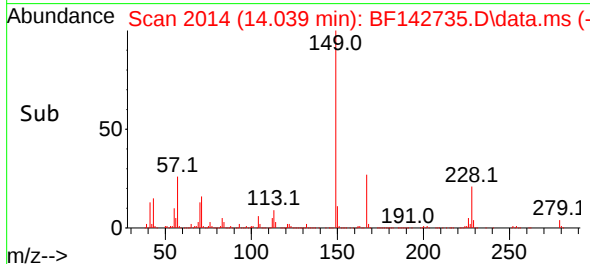
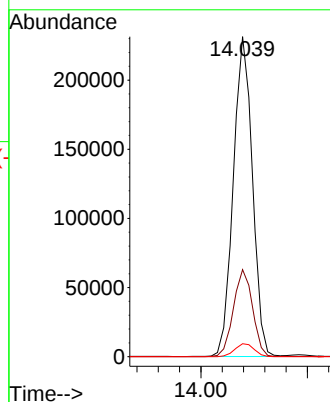
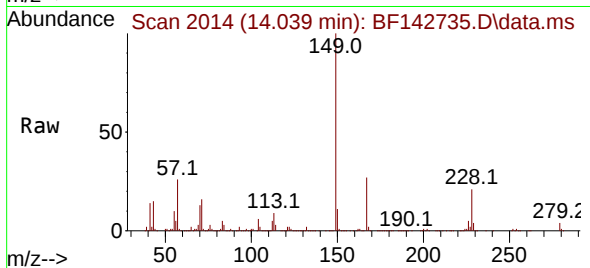




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.281 ng
 RT: 14.039 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: BF142735.D
 Acq: 11 Jun 2025 15:20

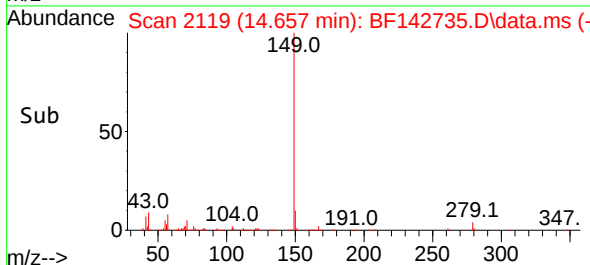
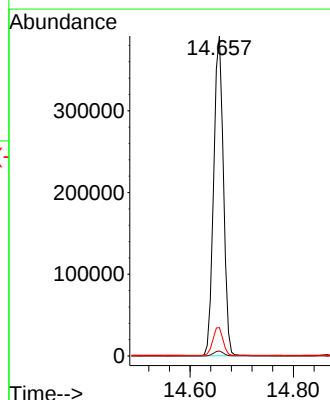
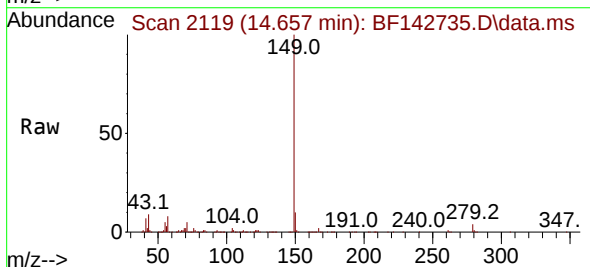
Instrument :
 BNA_F
 ClientSampleId :

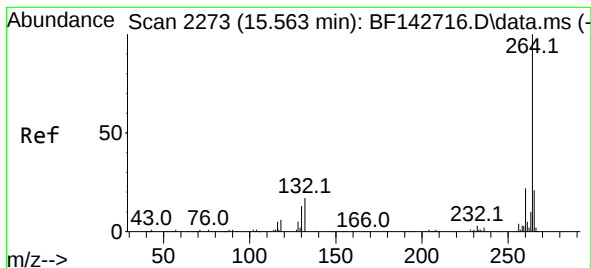
Tgt Ion:149 Resp: 288438
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.4 32.2
 279 4.1 3.0 4.4



#85
 Di-n-octyl phthalate
 Concen: 49.362 ng
 RT: 14.657 min Scan# 2119
 Delta R.T. -0.000 min
 Lab File: BF142735.D
 Acq: 11 Jun 2025 15:20

Tgt Ion:149 Resp: 512678
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.0 7.3 10.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA_F

ClientSampleId :

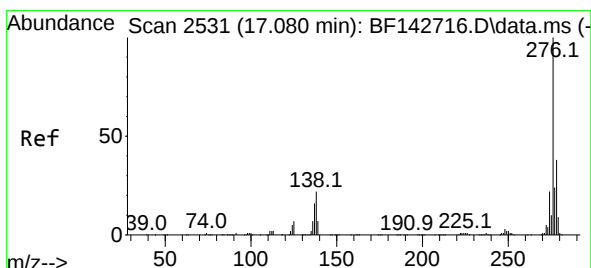
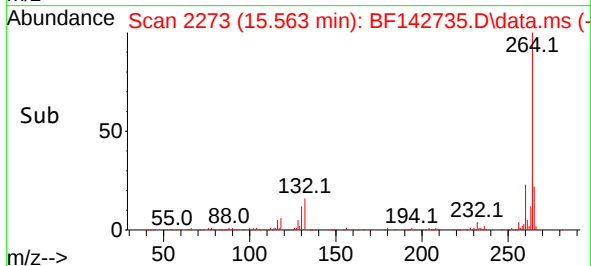
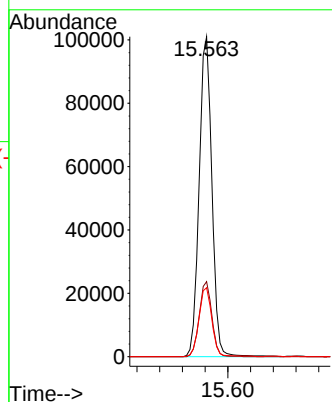
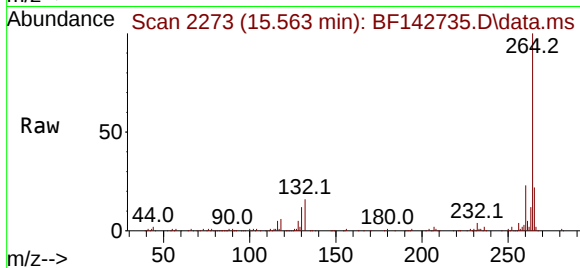
Tgt Ion:264 Resp: 157611

Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.6

265 21.5 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.217 ng

RT: 17.080 min Scan# 2531

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

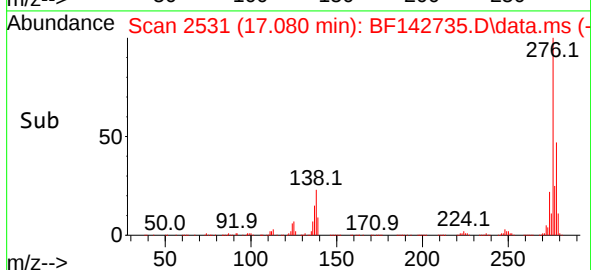
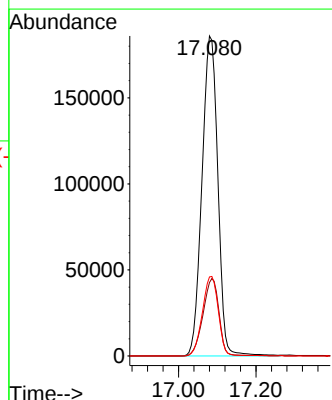
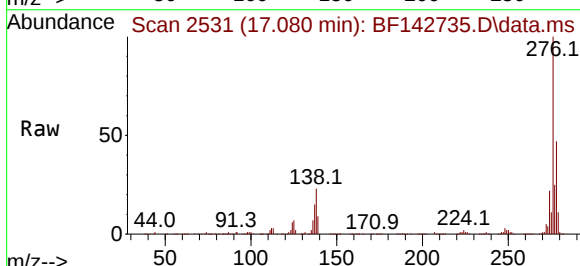
Tgt Ion:276 Resp: 528129

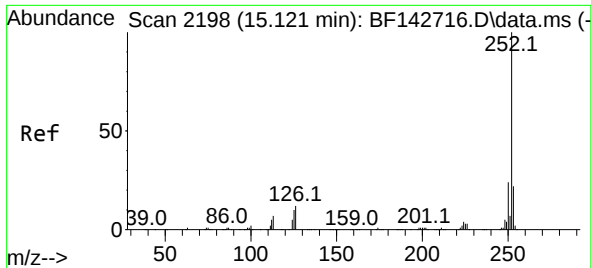
Ion Ratio Lower Upper

276 100

138 24.2 19.3 28.9

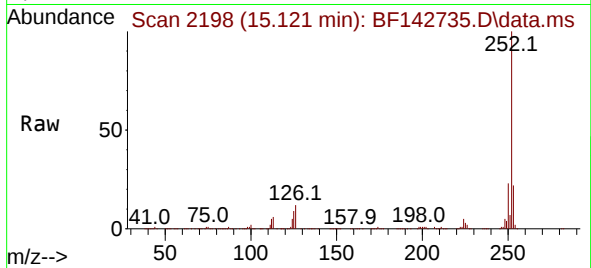
277 25.1 20.2 30.2



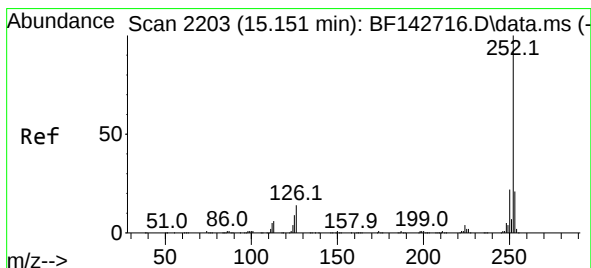
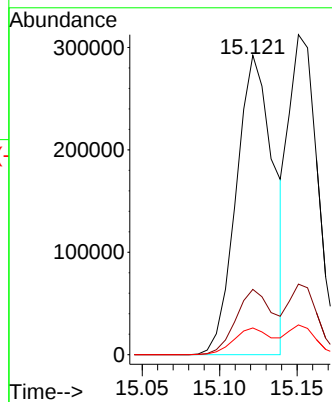
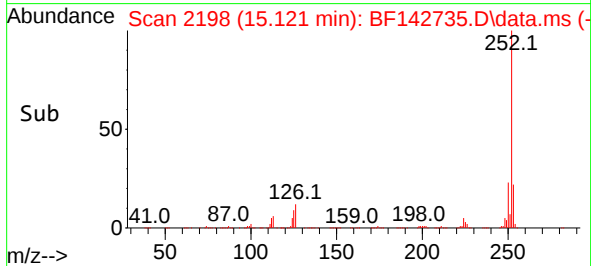


#88
Benzo(b)fluoranthene
Concen: 52.873 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Instrument :
BNA_F
ClientSampleId :

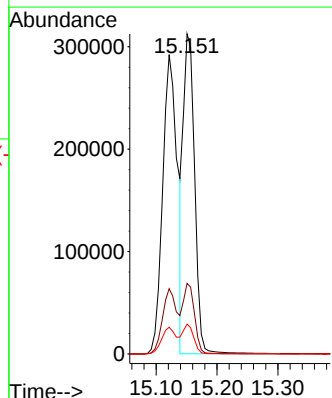
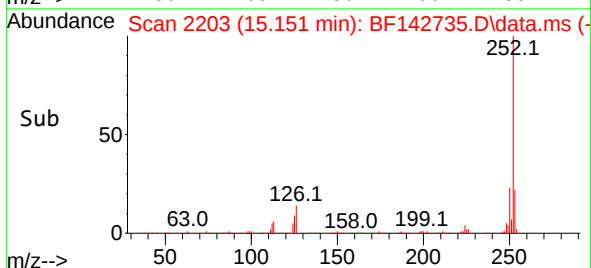
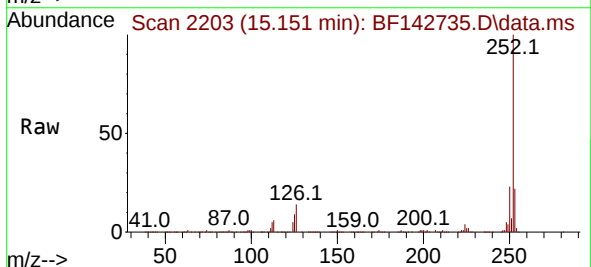


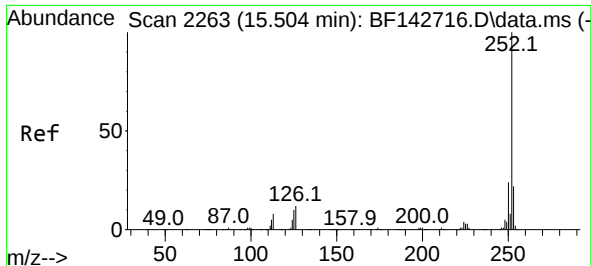
Tgt Ion:252 Resp: 490678
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.9 7.8 11.6



#89
Benzo(k)fluoranthene
Concen: 45.228 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

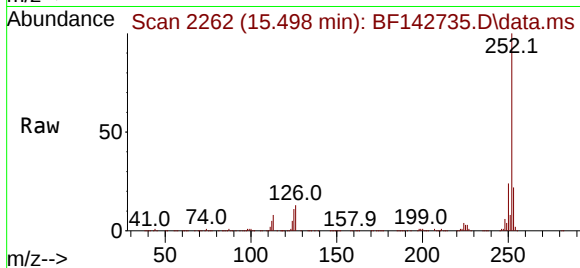
Tgt Ion:252 Resp: 407250
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.3 7.5 11.3



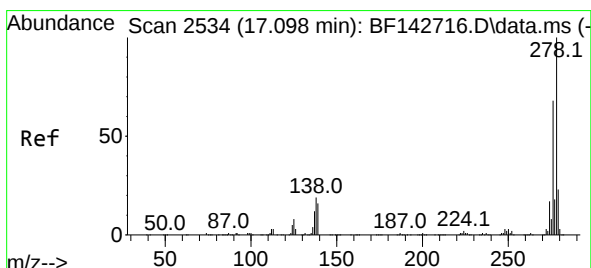
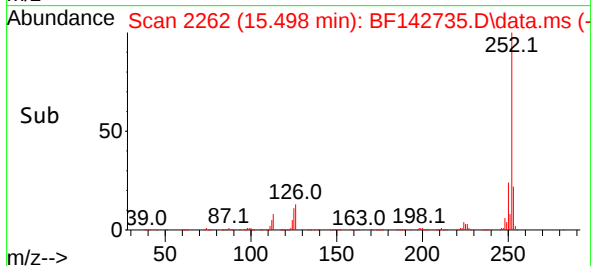
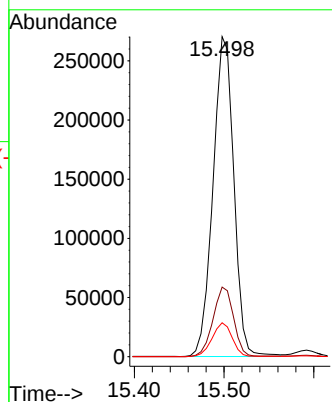


#90
Benzo(a)pyrene
Concen: 49.409 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

Instrument :
BNA_F
ClientSampleId :

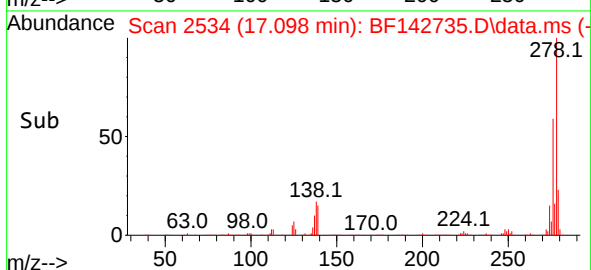
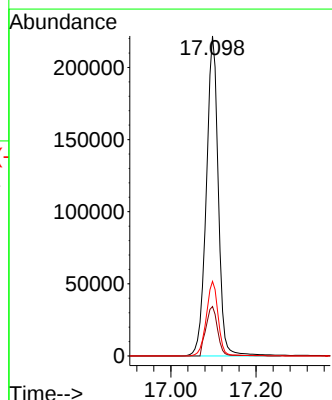
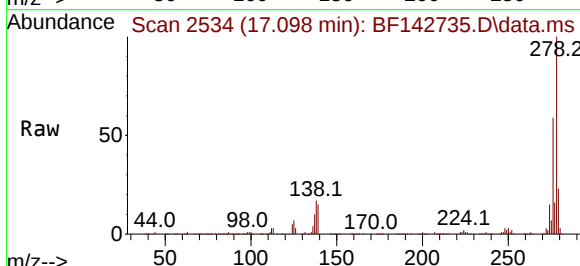


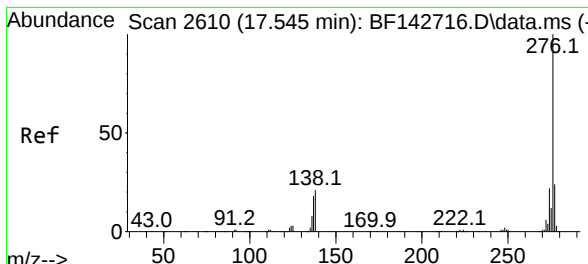
Tgt Ion:252 Resp: 435969
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.6 8.0 12.0



#91
Dibenzo(a,h)anthracene
Concen: 45.387 ng
RT: 17.098 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF142735.D
Acq: 11 Jun 2025 15:20

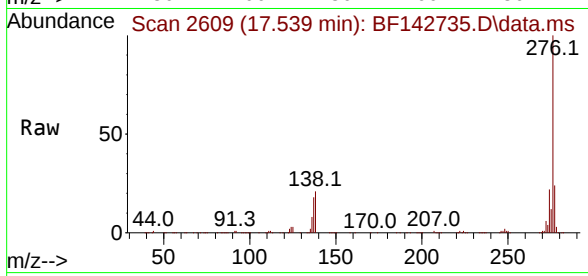
Tgt Ion:278 Resp: 432848
Ion Ratio Lower Upper
278 100
139 15.5 12.8 19.2
279 23.3 18.7 28.1





#92
 Benzo(g,h,i)perylene
 Concen: 43.879 ng
 RT: 17.539 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF142735.D
 Acq: 11 Jun 2025 15:20

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion: 276 Resp: 416129

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.1	16.4	24.6

