

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142242.D
 Acq On : 30 Apr 2025 12:49
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 15:42:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	194641	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	746567	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	398805	20.000	ng	0.00
64) Phenanthrene-d10	11.434	188	679379	20.000	ng	0.00
76) Chrysene-d12	14.075	240	430351	20.000	ng	0.00
86) Perylene-d12	15.569	264	350840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	492356	40.399	ng	0.00
7) Phenol-d6	6.516	99	597221	40.580	ng	-0.01
23) Nitrobenzene-d5	7.469	82	450837	39.673	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	146779	40.372	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1212743	42.876	ng	0.00
79) Terphenyl-d14	13.022	244	1223735	41.357	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	109201	20.062	ng	100
3) Pyridine	3.458	79	282987	20.004	ng	100
4) n-Nitrosodimethylamine	3.399	42	141737	19.361	ng	97
6) Aniline	6.569	93	419797	20.152	ng	99
8) 2-Chlorophenol	6.687	128	253840	20.156	ng	99
9) Benzaldehyde	6.457	77	213052	20.712	ng	98
10) Phenol	6.534	94	322435	20.352	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	247179	20.132	ng	99
12) 1,3-Dichlorobenzene	6.851	146	289129	20.294	ng	100
13) 1,4-Dichlorobenzene	6.928	146	290927	20.268	ng	99
14) 1,2-Dichlorobenzene	7.081	146	278592	20.331	ng	99
15) Benzyl Alcohol	7.040	79	207042	19.835	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	448250	20.218	ng	99
17) 2-Methylphenol	7.146	107	207957	20.157	ng	99
18) Hexachloroethane	7.422	117	93572	19.917	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	184776	20.318	ng	99
20) 3+4-Methylphenols	7.298	107	267057	20.700	ng	96
22) Acetophenone	7.310	105	360484	20.872	ng	98
24) Nitrobenzene	7.487	77	221499	19.865	ng	98
25) Isophorone	7.722	82	479096	20.088	ng	99
26) 2-Nitrophenol	7.804	139	61615	17.893	ng	98
27) 2,4-Dimethylphenol	7.834	122	248864	20.696	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	309073	20.549	ng	99
29) 2,4-Dichlorophenol	8.040	162	204821	20.374	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	227898	20.315	ng	100
31) Naphthalene	8.210	128	772839	20.758	ng	100
32) Benzoic acid	7.904	122	58015	18.508	ng	98
33) 4-Chloroaniline	8.257	127	320218	20.654	ng	99
34) Hexachlorobutadiene	8.334	225	133474	20.393	ng	99
35) Caprolactam	8.604	113	60791	20.118	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	208419	20.190	ng	99
37) 2-Methylnaphthalene	8.904	142	472896	20.658	ng	100
38) 1-Methylnaphthalene	9.004	142	497635	20.985	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	228311	20.342	ng	99
41) Hexachlorocyclopentadiene	9.057	237	121953	19.145	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	140807	20.246	ng	100

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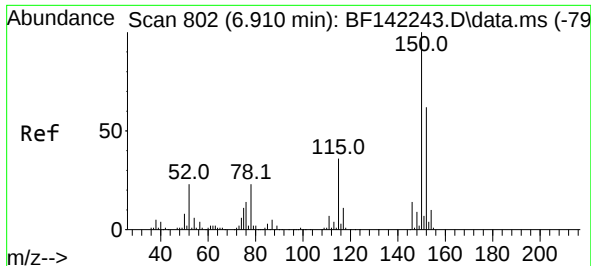
Quant Time: Apr 30 15:42:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	144462	19.756	ng	99
46) 1,1'-Biphenyl	9.369	154	643017	20.740	ng	99
47) 2-Chloronaphthalene	9.392	162	474899	20.588	ng	98
48) 2-Nitroaniline	9.481	65	90798	18.213	ng	97
49) Acenaphthylene	9.810	152	807654	20.749	ng	99
50) Dimethylphthalate	9.663	163	518802	20.334	ng	100
51) 2,6-Dinitrotoluene	9.722	165	76955	18.432	ng	93
52) Acenaphthene	9.981	154	460927	20.281	ng	100
53) 3-Nitroaniline	9.892	138	100560	18.959	ng #	95
54) 2,4-Dinitrophenol	9.992	184	14553	18.804	ng #	1
55) Dibenzofuran	10.151	168	698155	20.493	ng	100
56) 4-Nitrophenol	10.034	139	70423	17.561	ng	97
57) 2,4-Dinitrotoluene	10.122	165	84812	17.844	ng	95
58) Fluorene	10.492	166	538647	20.793	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	124353	20.530	ng	99
60) Diethylphthalate	10.363	149	519294	20.611	ng	98
61) 4-Chlorophenyl-phenyle...	10.486	204	252213	20.502	ng	99
62) 4-Nitroaniline	10.498	138	92884	18.933	ng	97
63) Azobenzene	10.645	77	508482	20.438	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	23400	18.756	ng	98
66) n-Nitrosodiphenylamine	10.604	169	470767	20.280	ng	100
67) 4-Bromophenyl-phenylether	10.981	248	151720	20.053	ng	99
68) Hexachlorobenzene	11.039	284	168767	19.916	ng	97
69) Atrazine	11.128	200	126444	20.665	ng	99
70) Pentachlorophenol	11.228	266	81929	18.301	ng	99
71) Phenanthrene	11.457	178	760476	20.723	ng	99
72) Anthracene	11.510	178	782215	20.848	ng	99
73) Carbazole	11.657	167	720775	21.059	ng	99
74) Di-n-butylphthalate	11.998	149	739011	21.469	ng	99
75) Fluoranthene	12.645	202	784880	21.636	ng	100
77) Benzidine	12.769	184	381034	20.837	ng	99
78) Pyrene	12.875	202	795806	20.046	ng	100
80) Butylbenzylphthalate	13.498	149	174268	18.529	ng	99
81) Benzo(a)anthracene	14.063	228	573438	19.849	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	163359	19.251	ng	100
83) Chrysene	14.098	228	537388	20.435	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	236325	18.042	ng	100
85) Di-n-octyl phthalate	14.674	149	376362	17.998	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	514496	20.021	ng	99
88) Benzo(b)fluoranthene	15.127	252	423694	19.442	ng	98
89) Benzo(k)fluoranthene	15.157	252	428646	21.504	ng	98
90) Benzo(a)pyrene	15.504	252	402101	20.154	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	420029	20.139	ng	98
92) Benzo(g,h,i)perylene	17.527	276	422497	20.150	ng	100

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

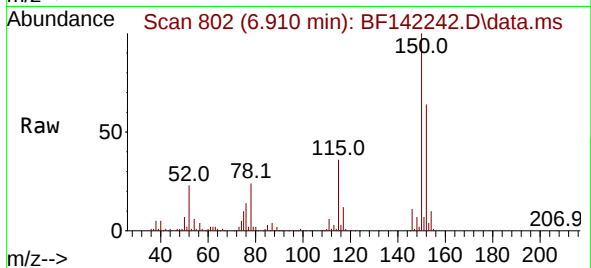
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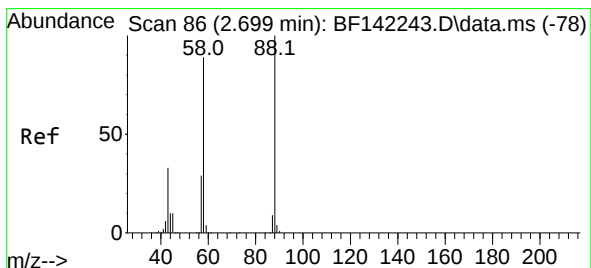
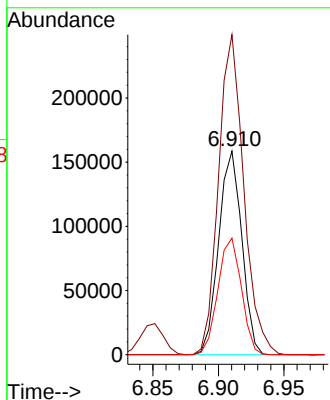
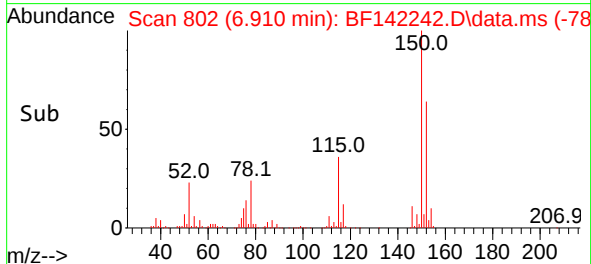


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142242.D
 Acq: 30 Apr 2025 12:49

Instrument :
 BNA_F
 ClientSampleId :

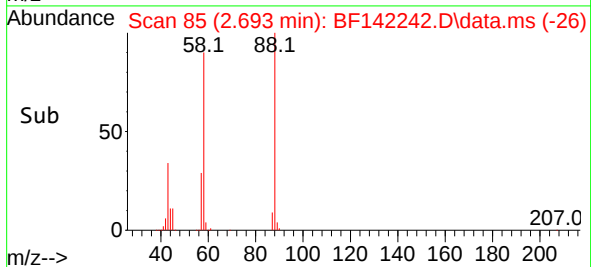
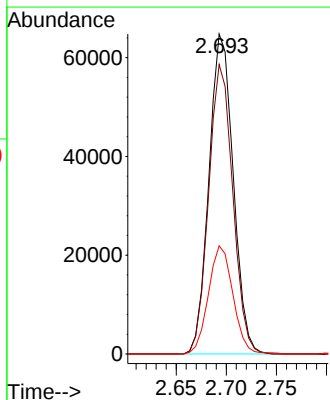
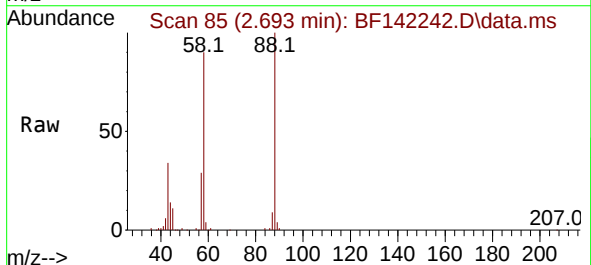


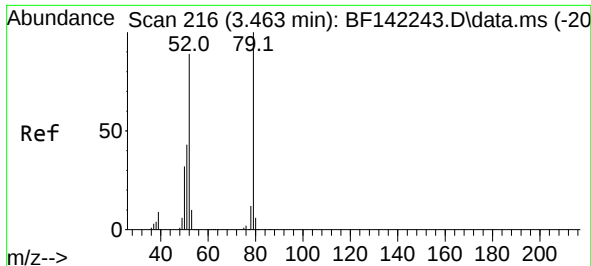
Tgt Ion:152 Resp: 194641
 Ion Ratio Lower Upper
 152 100
 150 157.2 130.2 195.2
 115 57.3 47.0 70.4



#2
 1,4-Dioxane
 Concen: 20.062 ng
 RT: 2.693 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: BF142242.D
 Acq: 30 Apr 2025 12:49

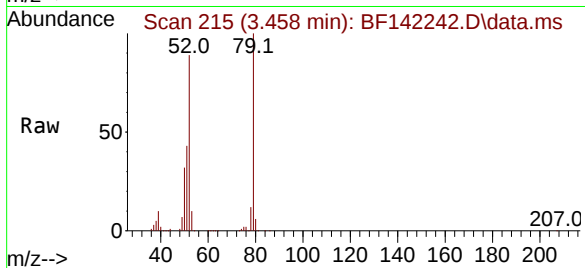
Tgt Ion: 88 Resp: 109201
 Ion Ratio Lower Upper
 88 100
 58 90.0 72.2 108.2
 43 34.2 27.0 40.6



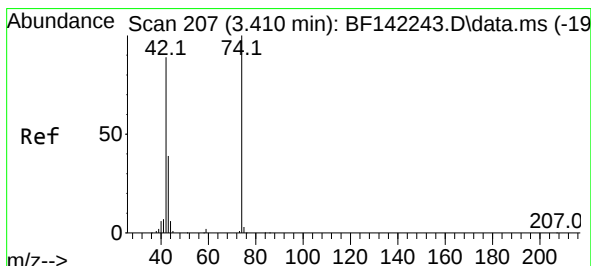
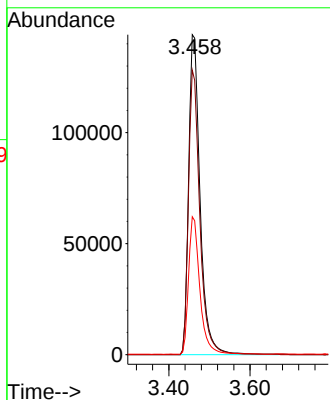
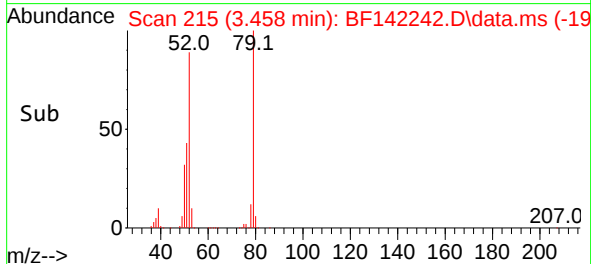


#3
Pyridine
Concen: 20.004 ng
RT: 3.458 min Scan# 216
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

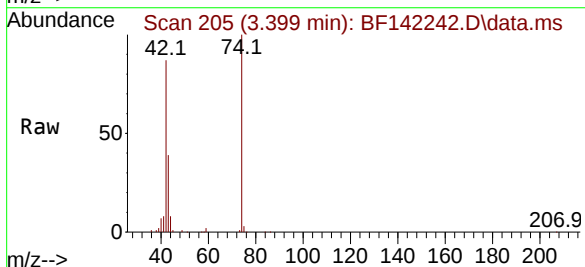
Instrument :
BNA_F
ClientSampleId :



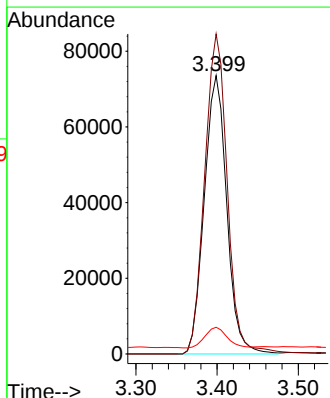
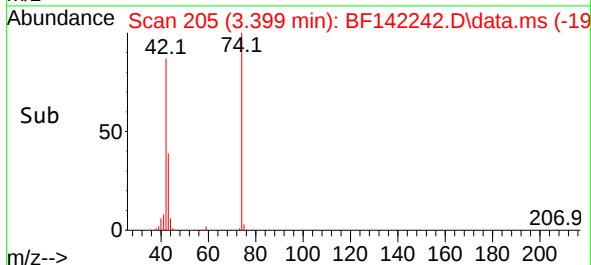
Tgt Ion: 79 Resp: 282987
Ion Ratio Lower Upper
79 100
52 89.0 71.5 107.3
51 43.1 34.5 51.7

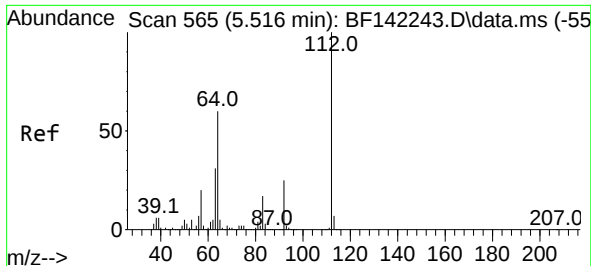


#4
n-Nitrosodimethylamine
Concen: 19.361 ng
RT: 3.399 min Scan# 205
Delta R.T. -0.012 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



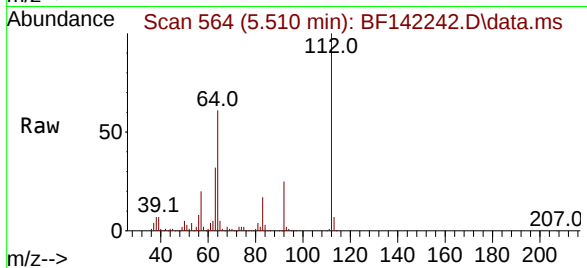
Tgt Ion: 42 Resp: 141737
Ion Ratio Lower Upper
42 100
74 114.9 89.5 134.3
44 9.6 6.6 9.8



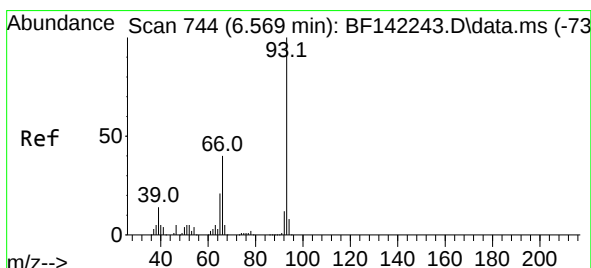
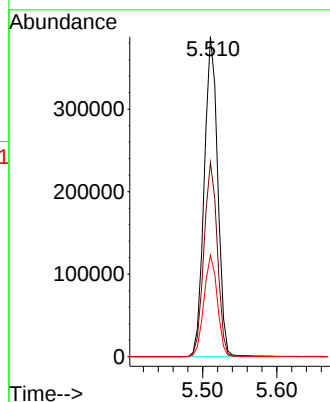
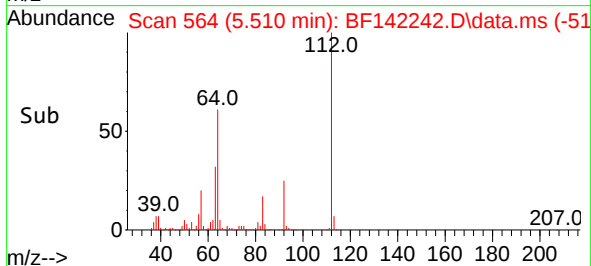


#5
2-Fluorophenol
Concen: 40.399 ng
RT: 5.510 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :
BNA_F
ClientSampleId :

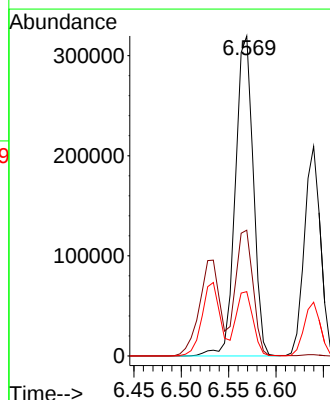
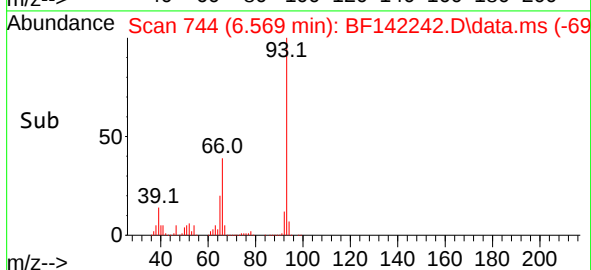
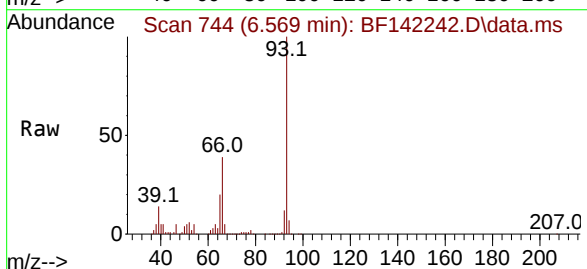


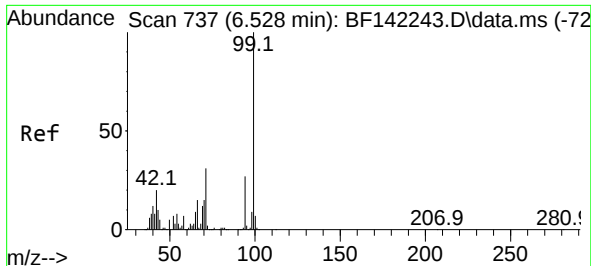
Tgt Ion:112 Resp: 492356
Ion Ratio Lower Upper
112 100
64 60.7 48.4 72.6
63 31.7 24.8 37.2



#6
Aniline
Concen: 20.152 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 93 Resp: 419797
Ion Ratio Lower Upper
93 100
66 39.3 32.1 48.1
65 20.1 16.6 24.8

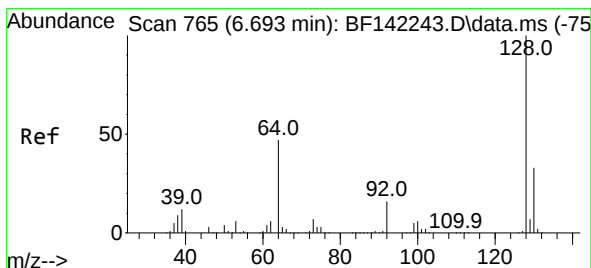
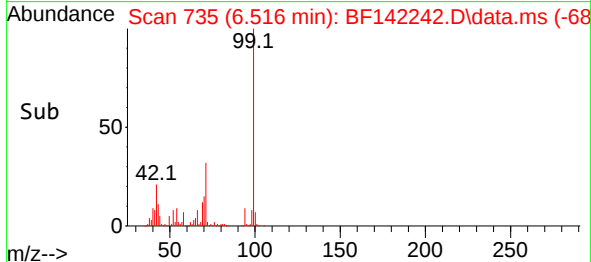
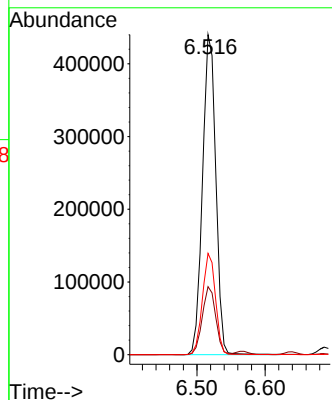
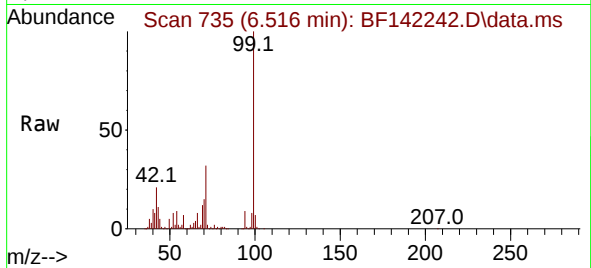




#7
Phenol-d6
Concen: 40.580 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

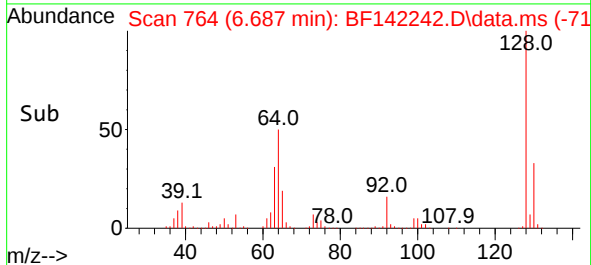
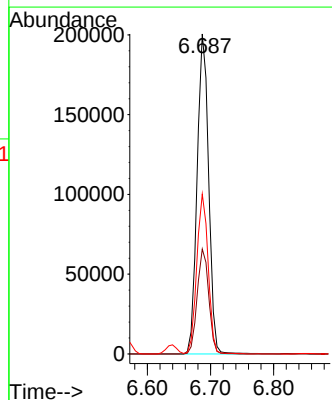
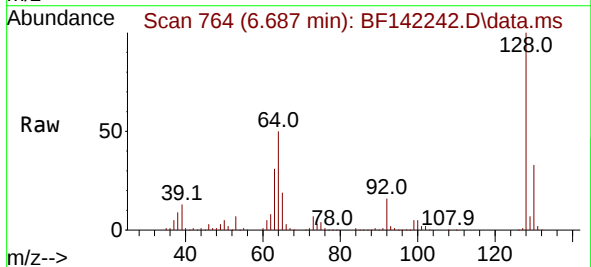
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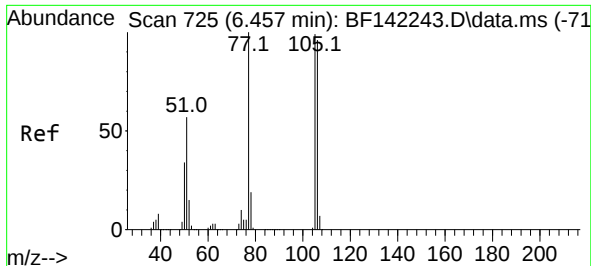
Tgt Ion: 99 Resp: 597221
Ion Ratio Lower Upper
99 100
42 21.3 16.3 24.5
71 31.6 25.0 37.4



#8
2-Chlorophenol
Concen: 20.156 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 128 Resp: 253840
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 50.0 28.6 68.6





#9

Benzaldehyde

Concen: 20.712 ng

RT: 6.457 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

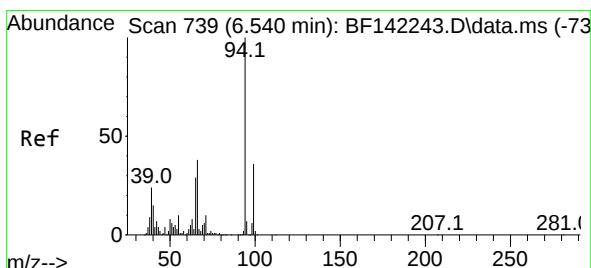
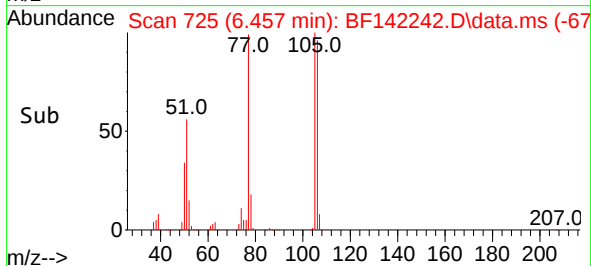
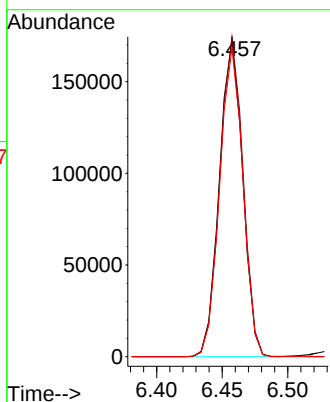
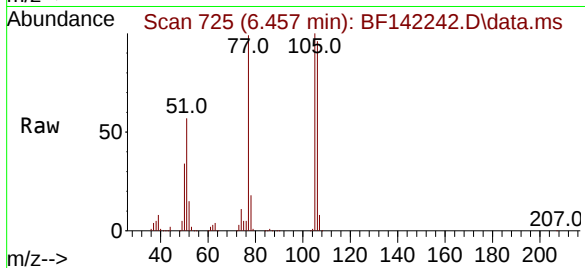
Tgt Ion: 77 Resp: 213052

Ion Ratio Lower Upper

77 100

105 101.1 79.1 119.1

106 97.4 76.0 116.0



#10

Phenol

Concen: 20.352 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

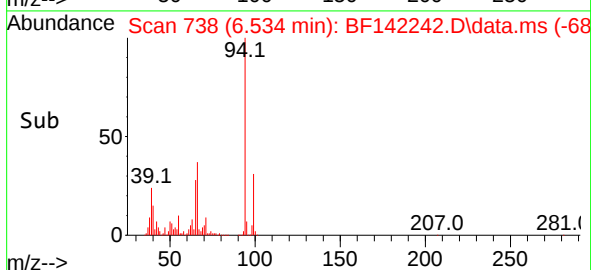
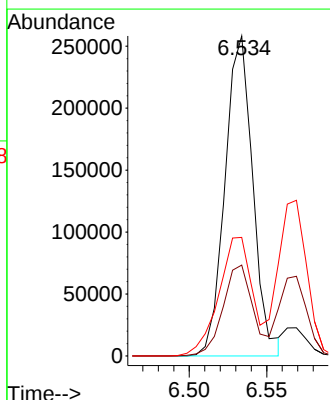
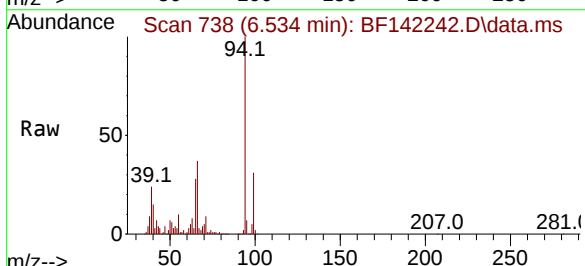
Tgt Ion: 94 Resp: 322435

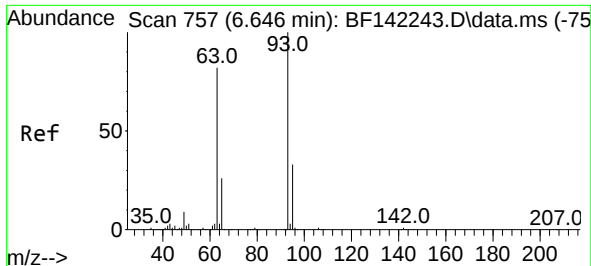
Ion Ratio Lower Upper

94 100

65 28.4 8.9 48.9

66 37.1 18.7 58.7

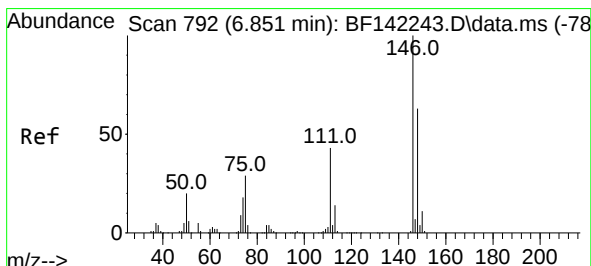
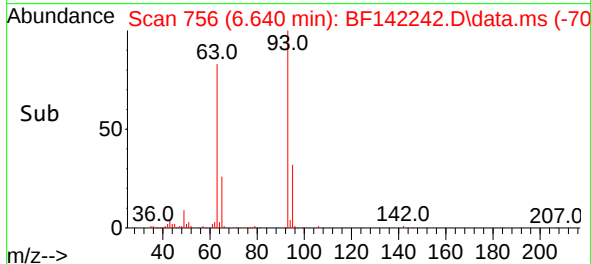
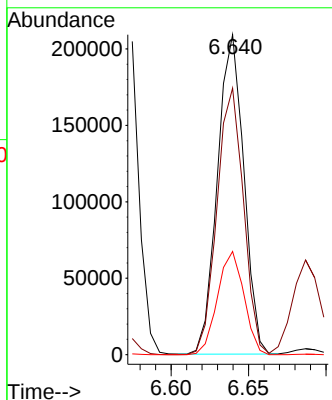
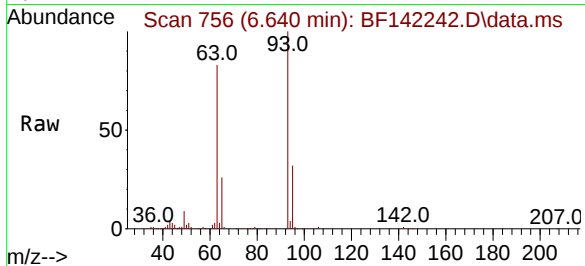




#11
bis(2-Chloroethyl)ether
Concen: 20.132 ng
RT: 6.640 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

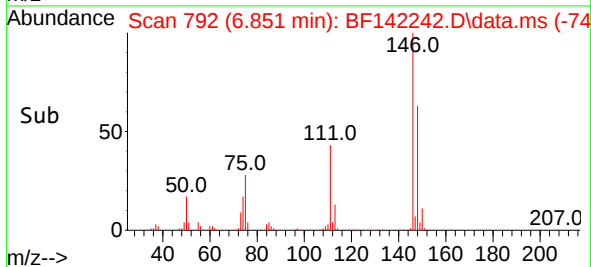
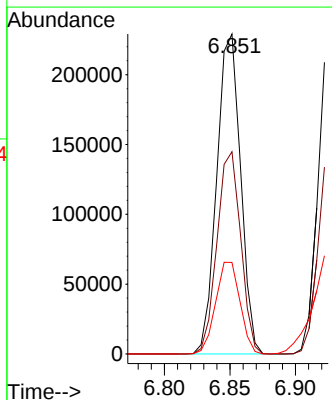
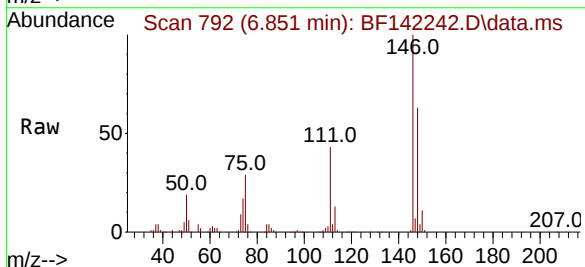
Instrument :
BNA_F
ClientSampleId :

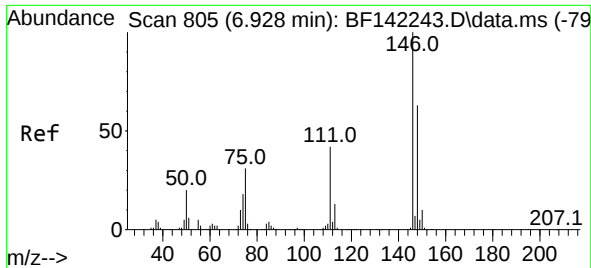
Tgt Ion: 93 Resp: 247179
Ion Ratio Lower Upper
93 100
63 83.3 62.2 102.2
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 20.294 ng
RT: 6.851 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 146 Resp: 289129
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
75 28.6 23.2 34.8

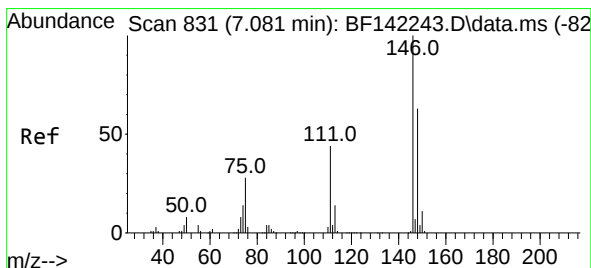
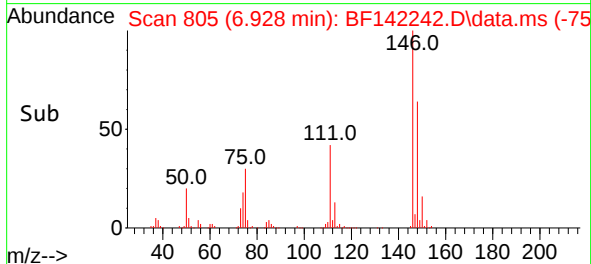
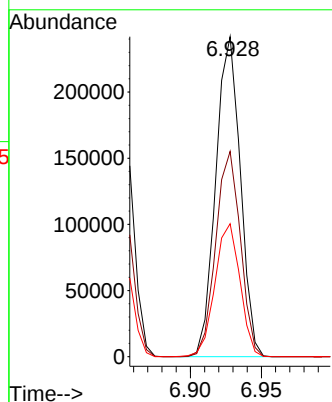
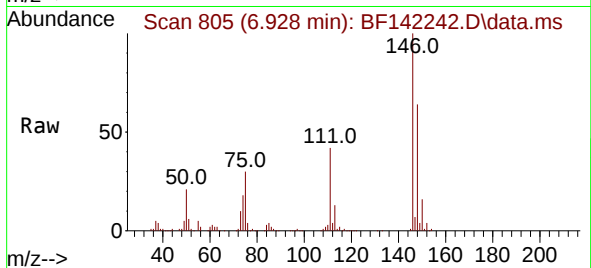




#13
1,4-Dichlorobenzene
Concen: 20.268 ng
RT: 6.928 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

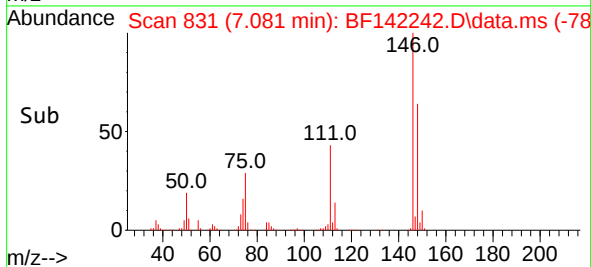
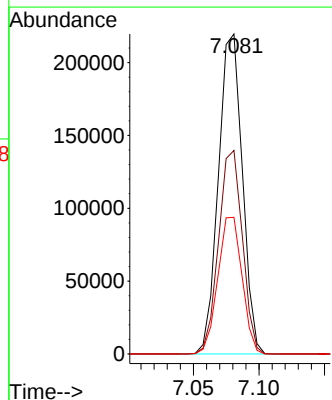
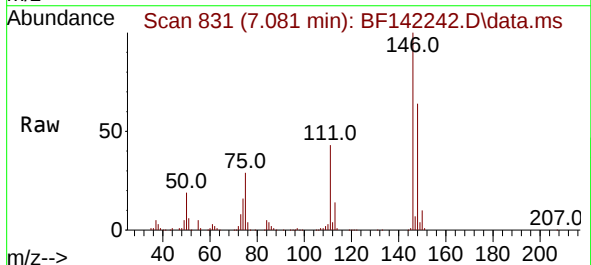
Instrument :
BNA_F
ClientSampleId :

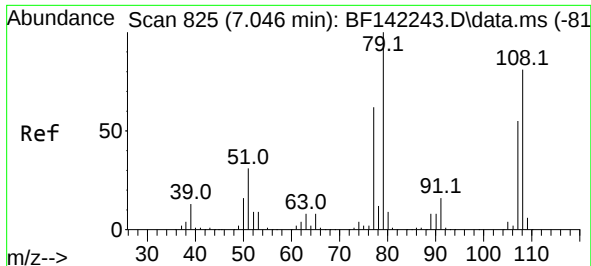
Tgt Ion:146 Resp: 290927
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
111 41.6 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 20.331 ng
RT: 7.081 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:146 Resp: 278592
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
111 42.7 34.9 52.3

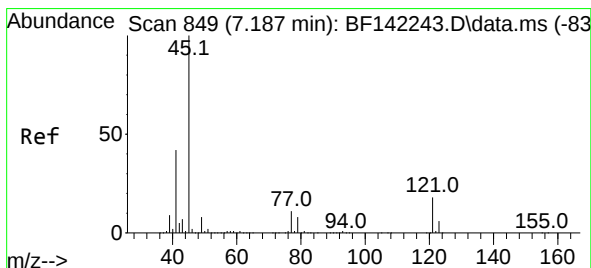
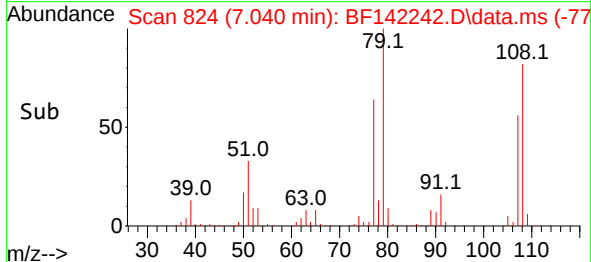
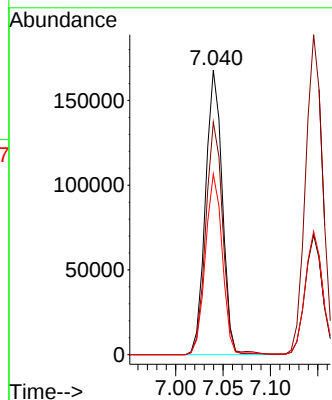
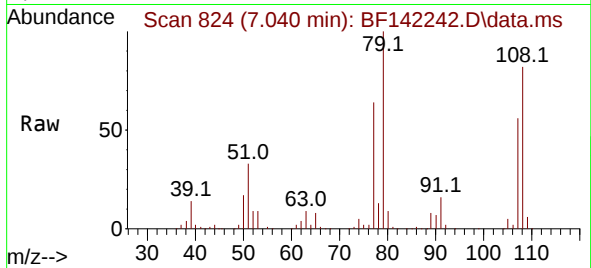




#15
Benzyl Alcohol
Concen: 19.835 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

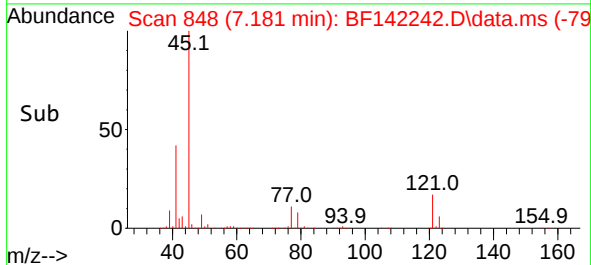
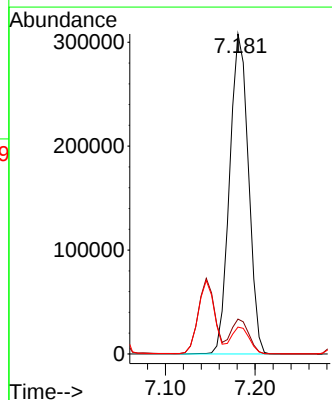
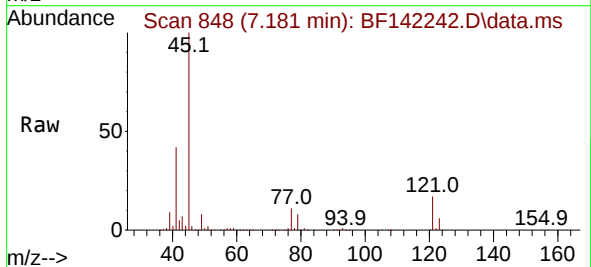
Instrument :
BNA_F
ClientSampleId :

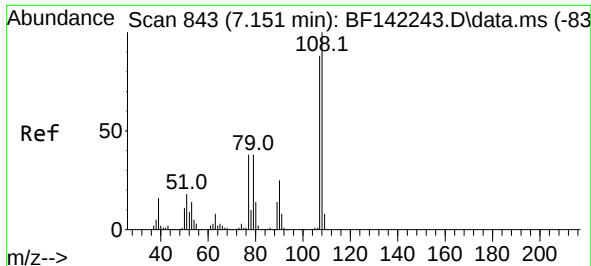
Tgt Ion: 79 Resp: 207042
Ion Ratio Lower Upper
79 100
108 81.7 64.5 96.7
77 63.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 20.218 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

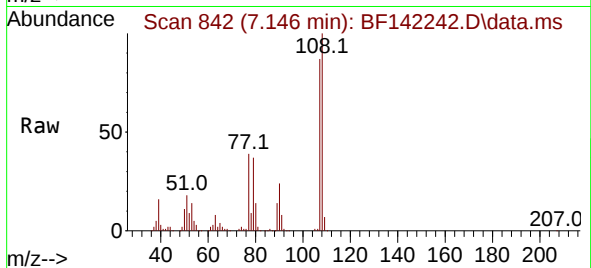
Tgt Ion: 45 Resp: 448250
Ion Ratio Lower Upper
45 100
77 10.9 0.0 31.3
79 8.4 0.0 28.5



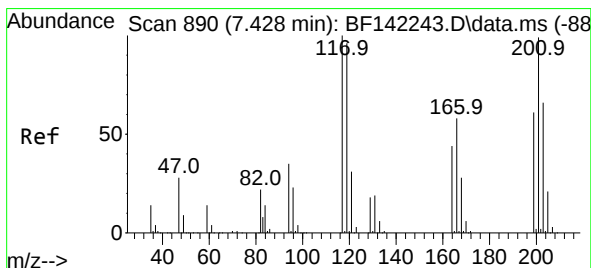
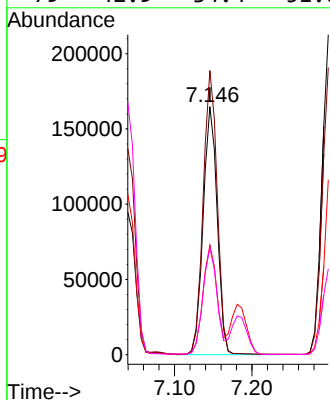
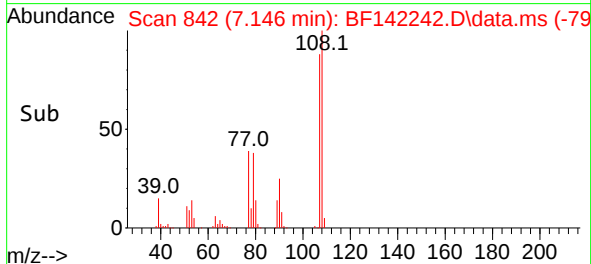


#17
2-Methylphenol
Concen: 20.157 ng
RT: 7.146 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :
BNA_F
ClientSampleId :

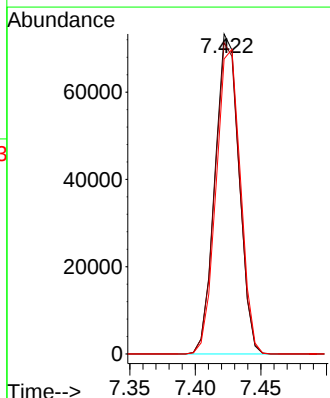
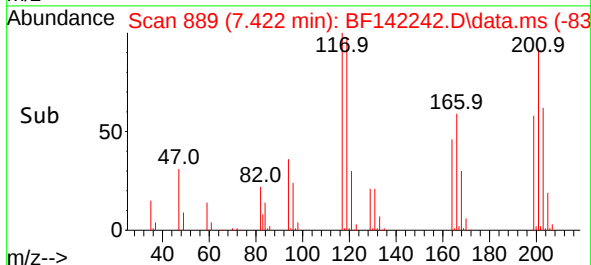
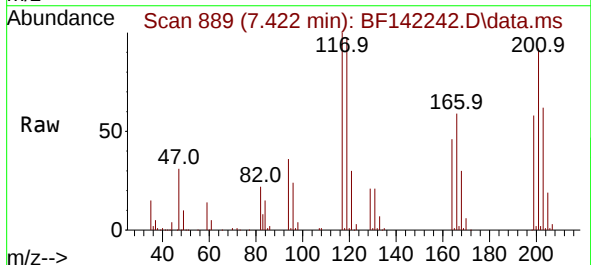


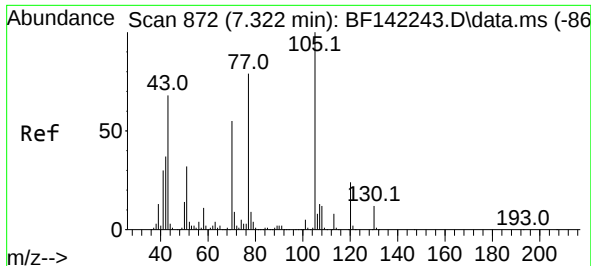
Tgt Ion:	107	Resp:	207957
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.0	136.4
77	44.2	34.4	51.6
79	42.9	34.4	51.6



#18
Hexachloroethane
Concen: 19.917 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:	117	Resp:	93572
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.1	115.7
201	92.2	79.4	119.2





#19

n-Nitroso-di-n-propylamine

Concen: 20.318 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

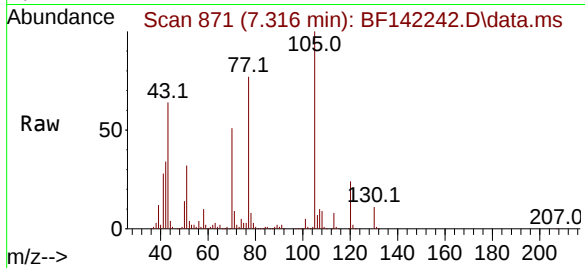
Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 184776

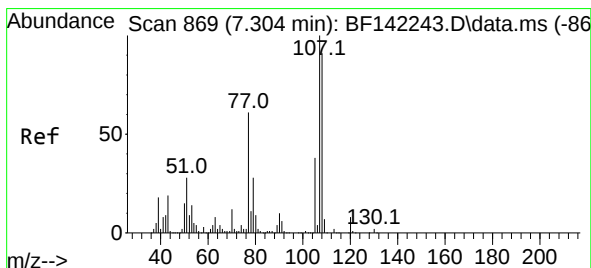
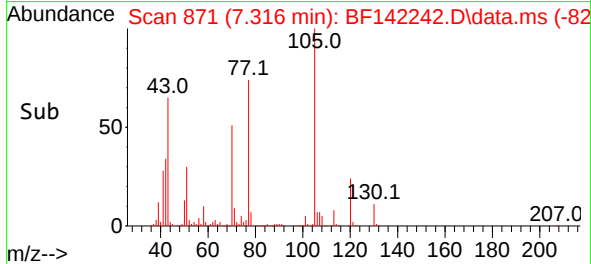
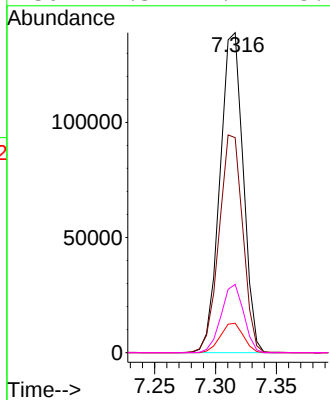
Ion Ratio Lower Upper

70 100

42 67.2 53.4 80.2

101 9.2 7.7 11.5

130 21.3 17.2 25.8



#20

3+4-Methylphenols

Concen: 20.700 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Tgt Ion: 107 Resp: 267057

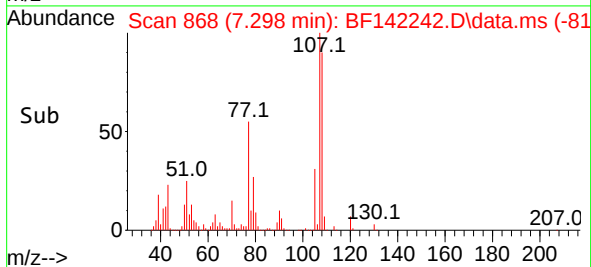
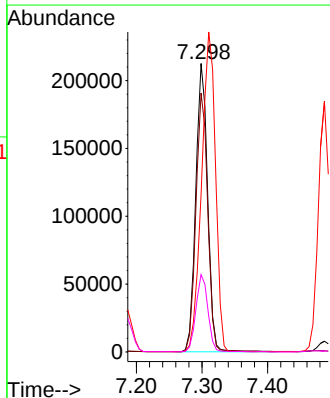
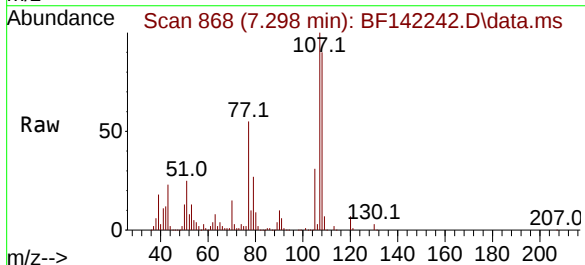
Ion Ratio Lower Upper

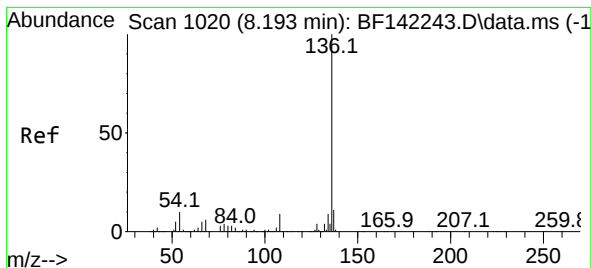
107 100

108 89.7 71.2 111.2

77 54.6 41.1 81.1

79 26.8 8.1 48.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.193 min Scan# 1

Delta R.T. -0.000 min

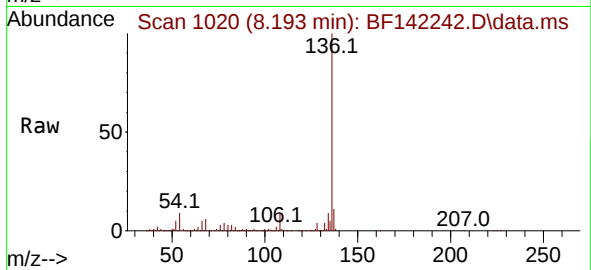
Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 746567

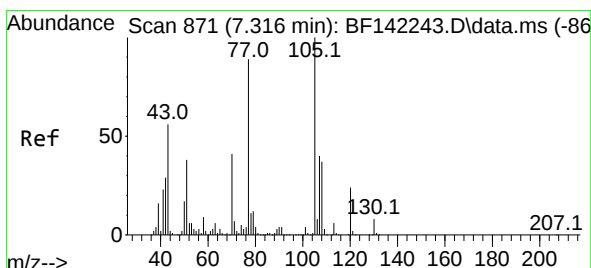
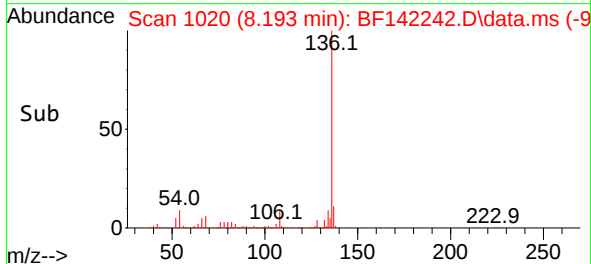
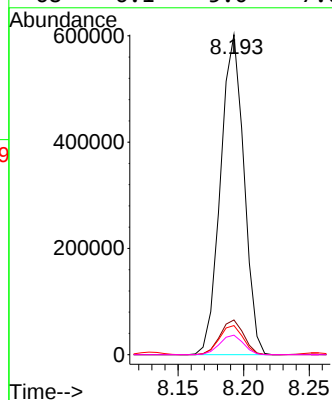
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.1 7.7 11.5

68 6.1 5.0 7.6



#22

Acetophenone

Concen: 20.872 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Tgt Ion:105 Resp: 360484

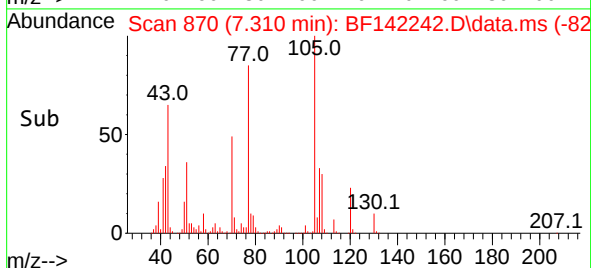
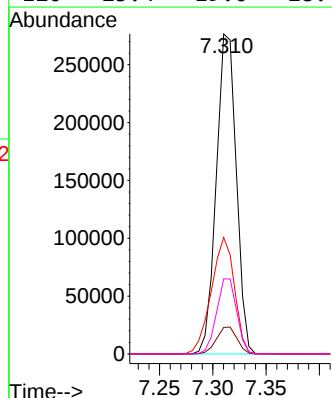
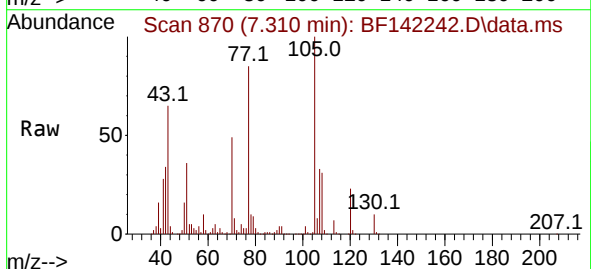
Ion Ratio Lower Upper

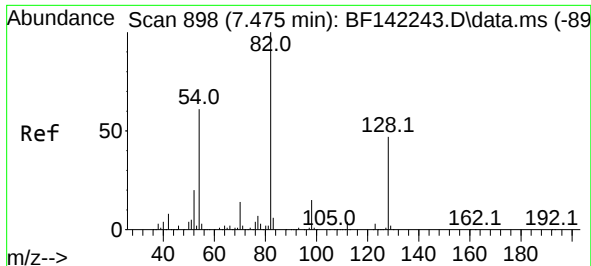
105 100

71 8.3 5.7 8.5

51 36.4 30.1 45.1

120 23.4 19.0 28.4





#23

Nitrobenzene-d5

Concen: 39.673 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

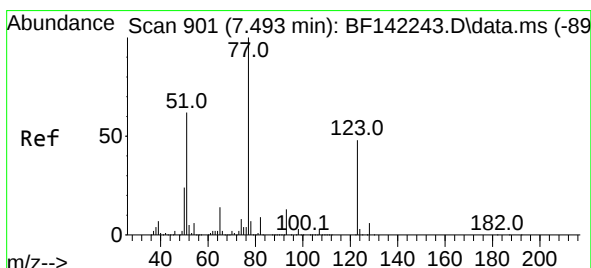
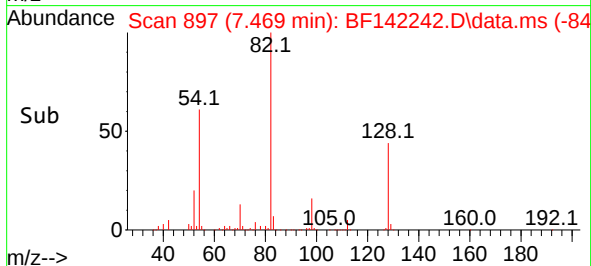
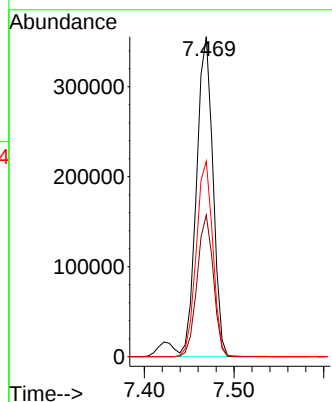
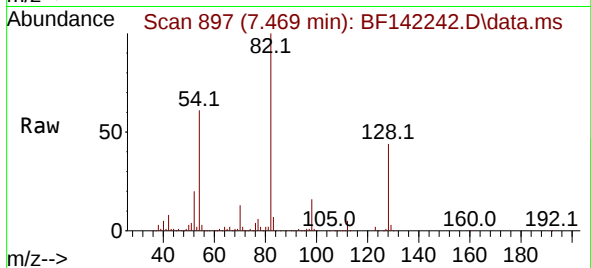
Tgt Ion: 82 Resp: 450837

Ion Ratio Lower Upper

82 100

128 44.3 37.0 55.6

54 61.1 48.0 72.0



#24

Nitrobenzene

Concen: 19.865 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

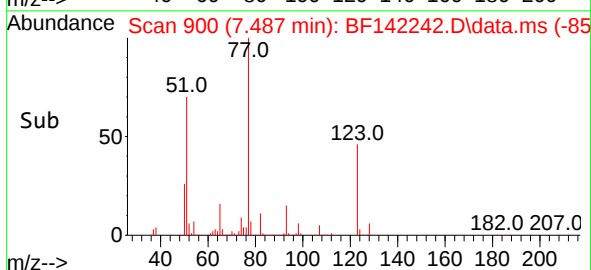
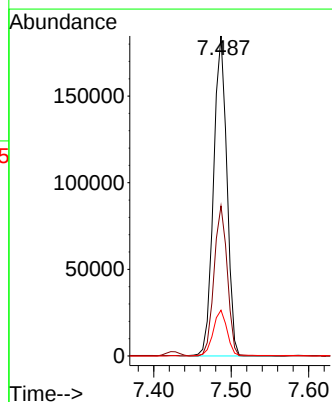
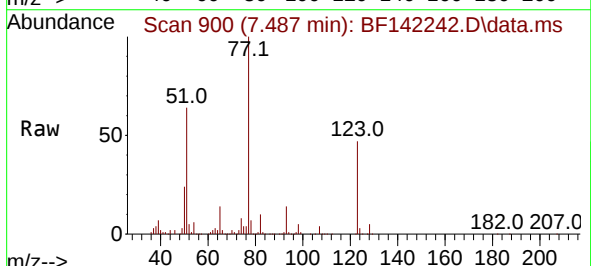
Tgt Ion: 77 Resp: 221499

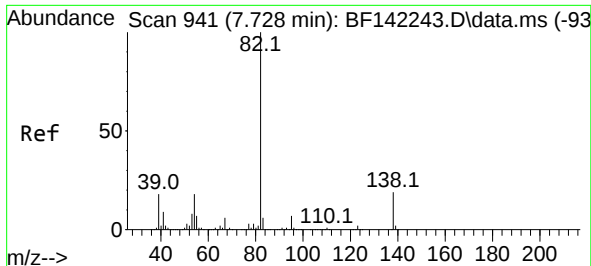
Ion Ratio Lower Upper

77 100

123 46.9 38.6 58.0

65 14.3 11.5 17.3

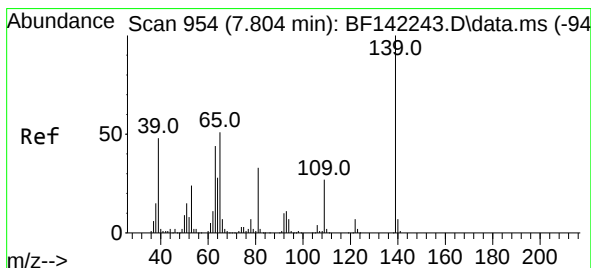
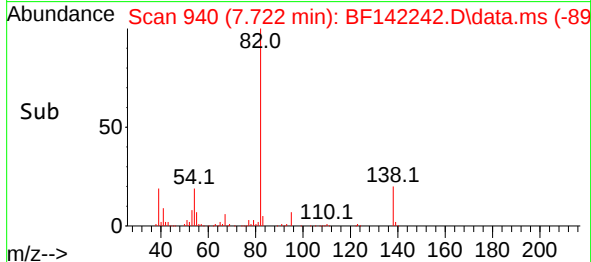
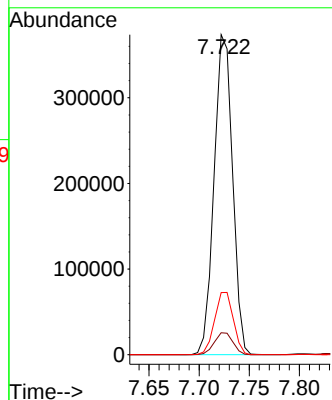
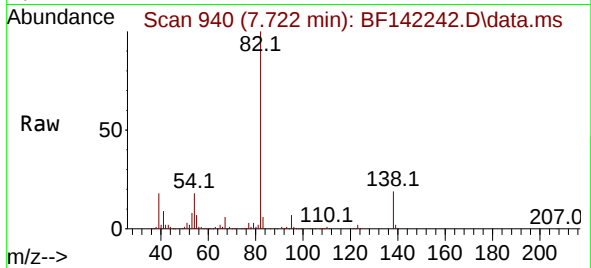




#25
Isophorone
Concen: 20.088 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

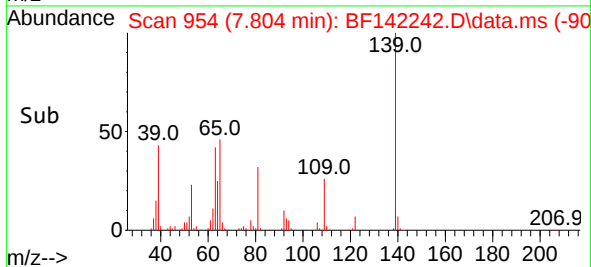
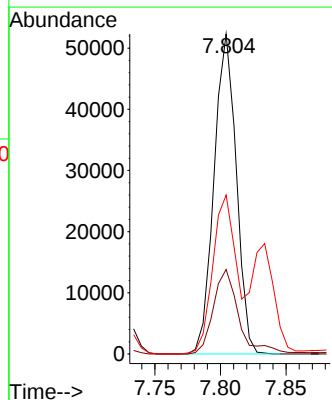
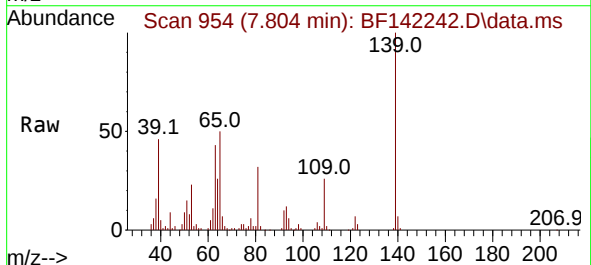
Instrument :
BNA_F
ClientSampleId :

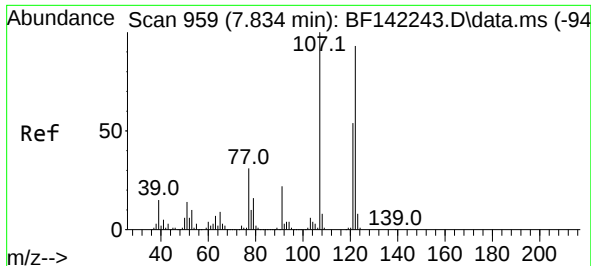
Tgt Ion: 82 Resp: 479096
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 19.4 15.3 22.9



#26
2-Nitrophenol
Concen: 17.893 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:139 Resp: 61615
Ion Ratio Lower Upper
139 100
109 26.4 21.8 32.8
65 49.6 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 20.696 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

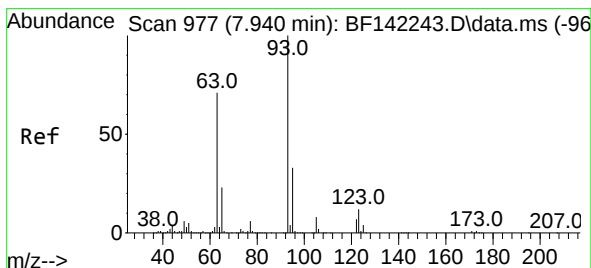
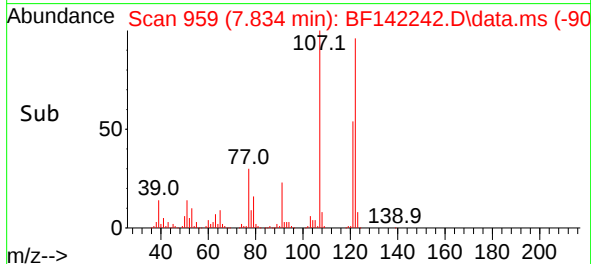
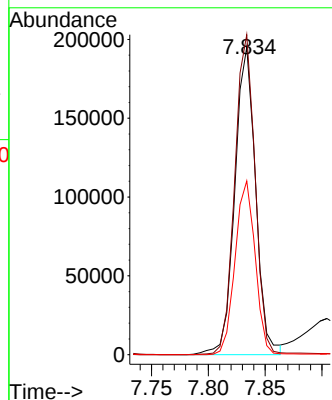
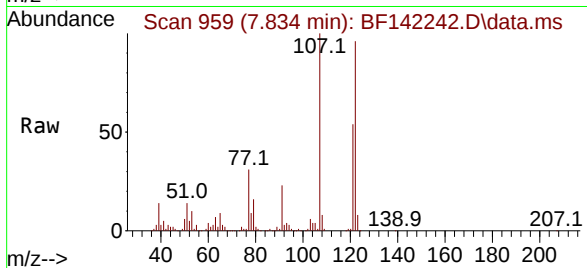
Tgt Ion:122 Resp: 248864

Ion Ratio Lower Upper

122 100

107 104.1 86.0 129.0

121 56.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 20.549 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

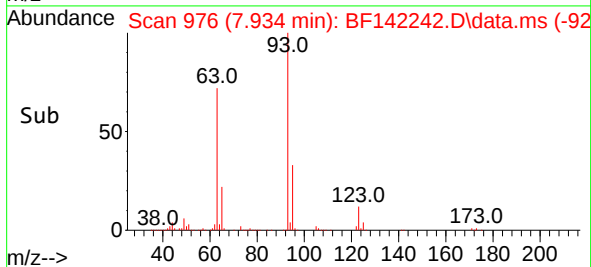
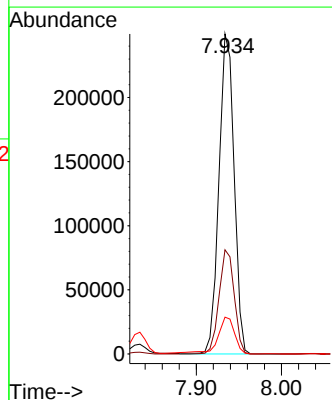
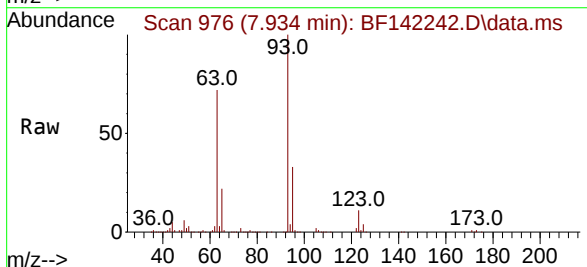
Tgt Ion: 93 Resp: 309073

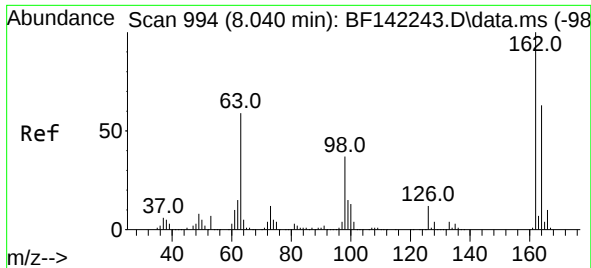
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

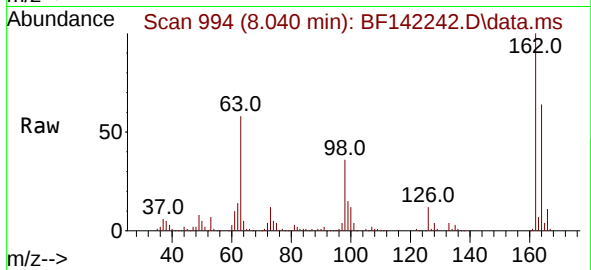
123 11.5 9.7 14.5



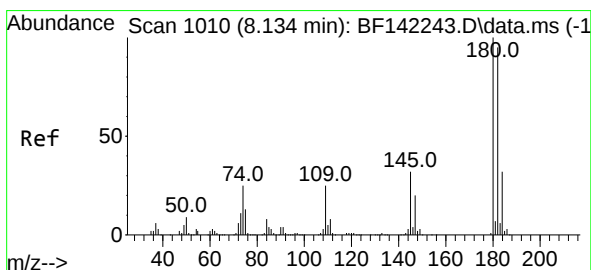
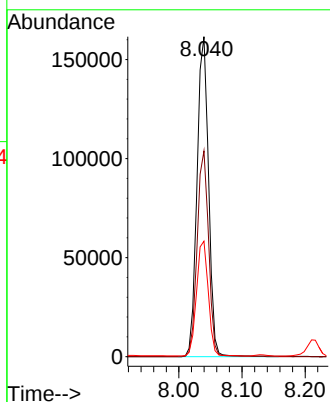
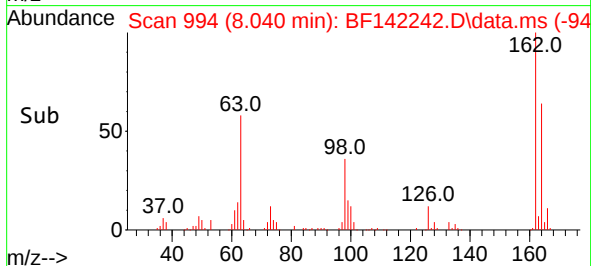


#29
2,4-Dichlorophenol
Concen: 20.374 ng
RT: 8.040 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

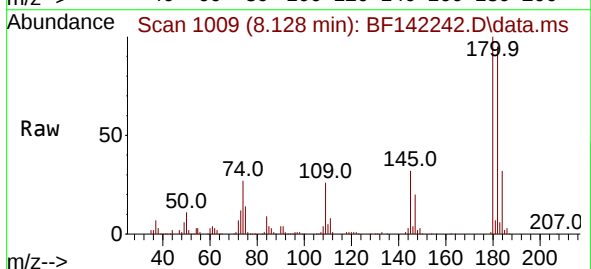
Instrument :
BNA_F
ClientSampleId :



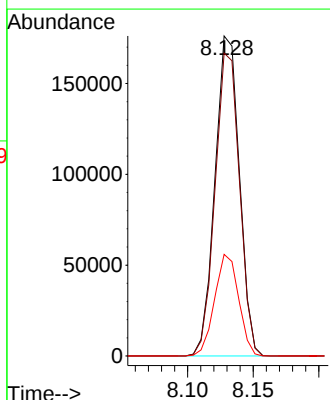
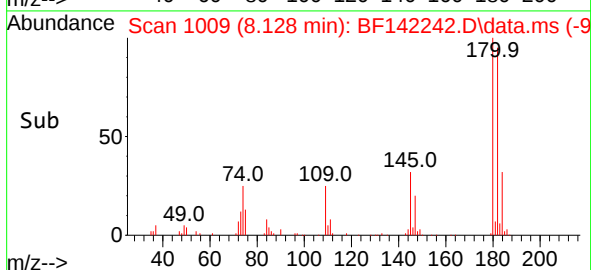
Tgt Ion:162 Resp: 204821
Ion Ratio Lower Upper
162 100
164 64.3 43.0 83.0
98 36.1 16.7 56.7

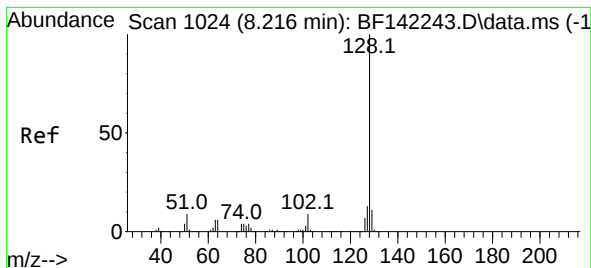


#30
1,2,4-Trichlorobenzene
Concen: 20.315 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



Tgt Ion:180 Resp: 227898
Ion Ratio Lower Upper
180 100
182 94.7 75.7 113.5
145 31.7 25.4 38.0





#31

Naphthalene

Concen: 20.758 ng

RT: 8.210 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

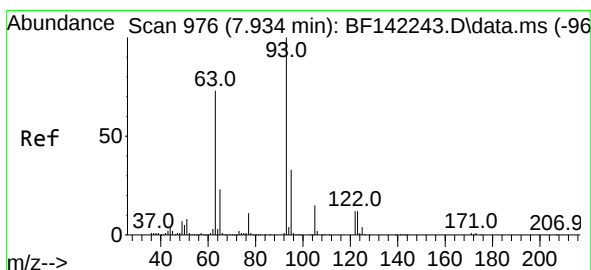
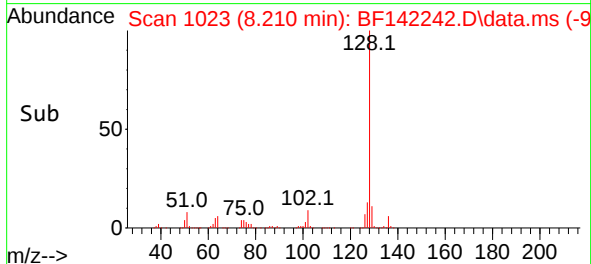
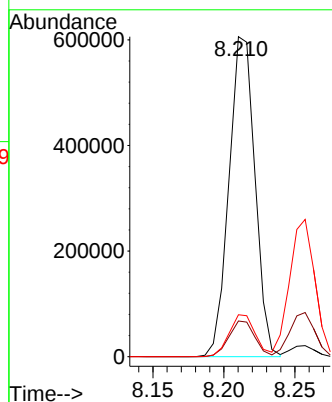
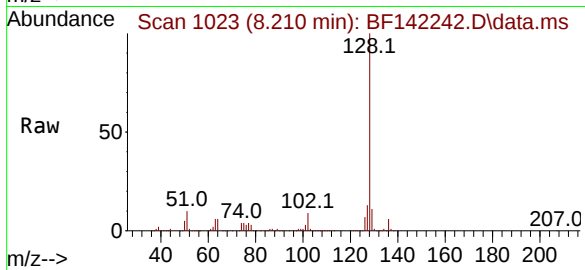
Tgt Ion:128 Resp: 772839

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.1 10.6 15.8



#32

Benzoic acid

Concen: 18.508 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.030 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

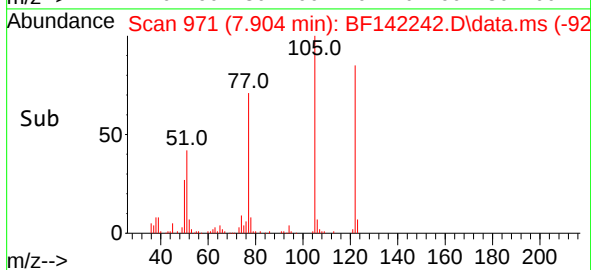
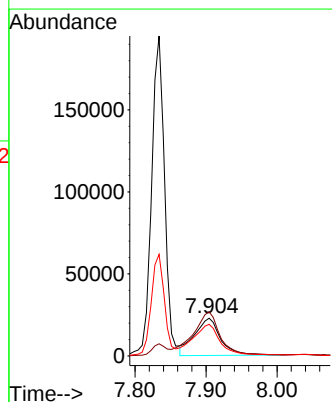
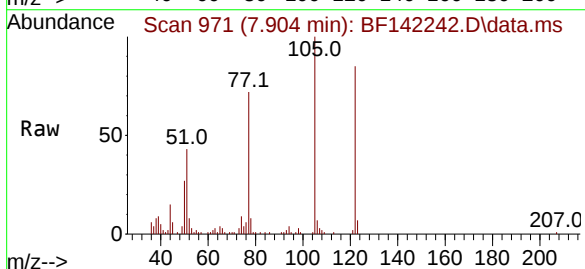
Tgt Ion:122 Resp: 58015

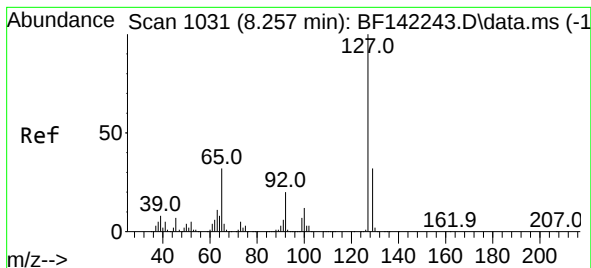
Ion Ratio Lower Upper

122 100

105 117.1 98.2 138.2

77 84.0 66.8 106.8





#33

4-Chloroaniline

Concen: 20.654 ng

RT: 8.257 min Scan# 1031

Delta R.T. 0.000 min

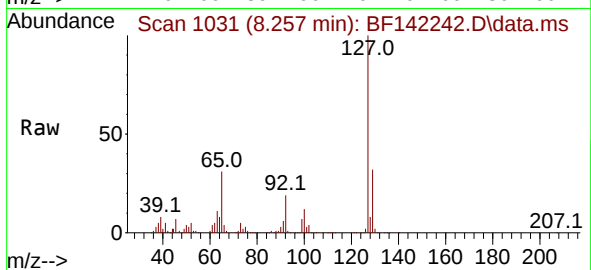
Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:127 Resp: 320218

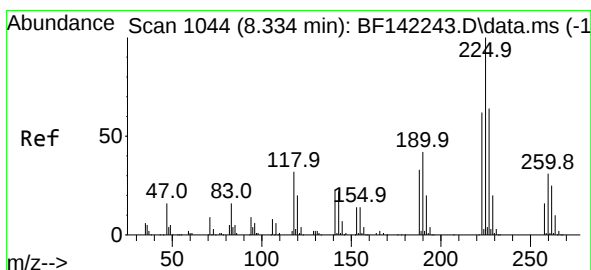
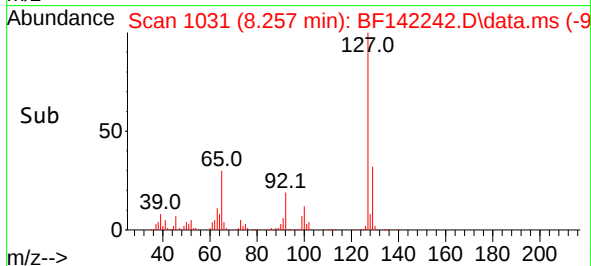
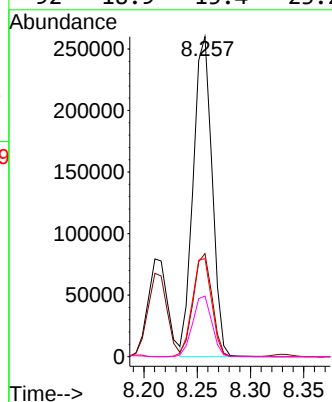
Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

65 30.7 25.5 38.3

92 18.9 15.4 23.2



#34

Hexachlorobutadiene

Concen: 20.393 ng

RT: 8.334 min Scan# 1044

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

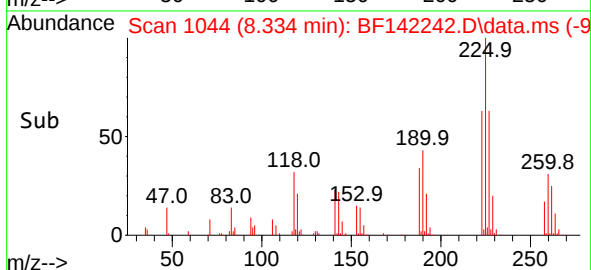
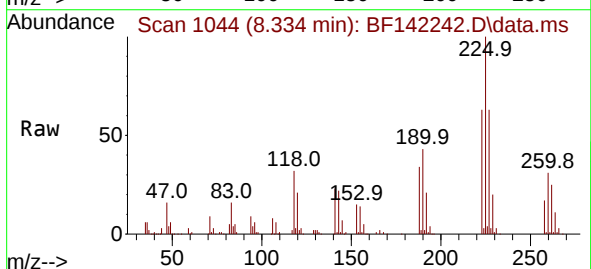
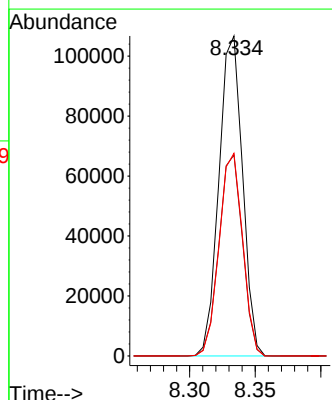
Tgt Ion:225 Resp: 133474

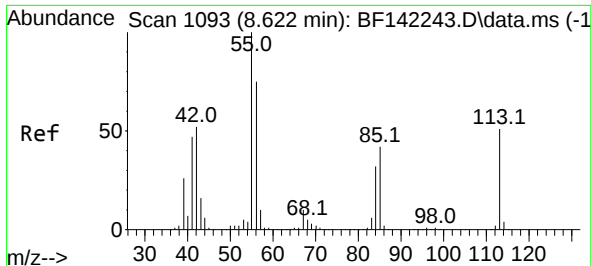
Ion Ratio Lower Upper

225 100

223 62.8 49.7 74.5

227 63.4 51.0 76.4

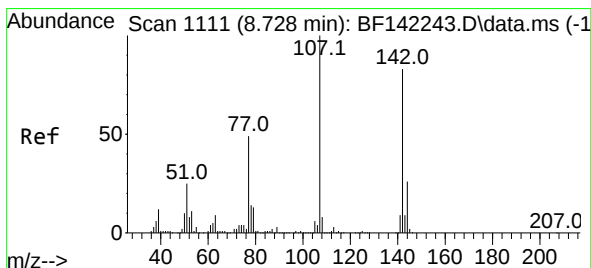
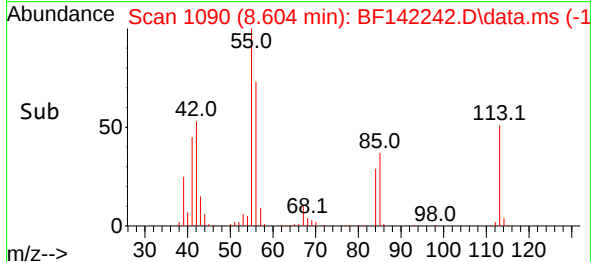
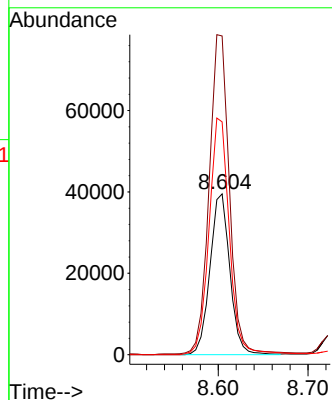
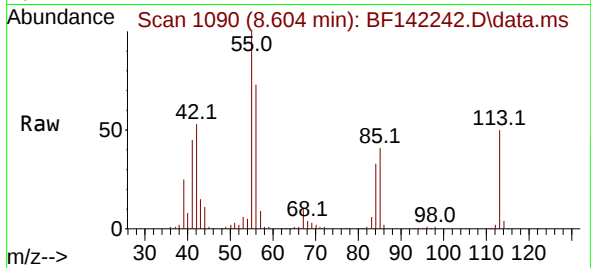




#35
 Caprolactam
 Concen: 20.118 ng
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.018 min
 Lab File: BF142242.D
 Acq: 30 Apr 2025 12:49

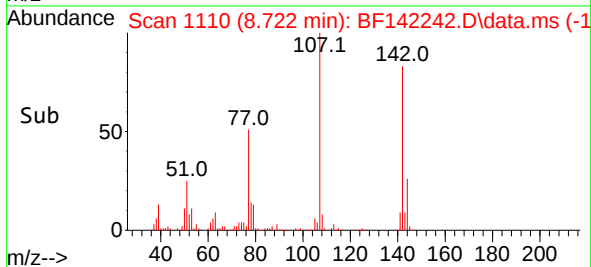
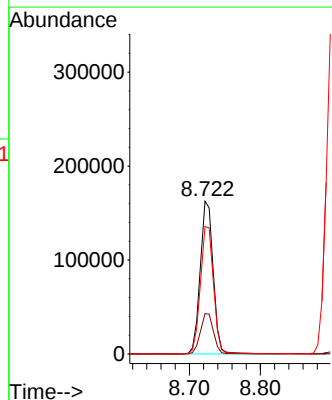
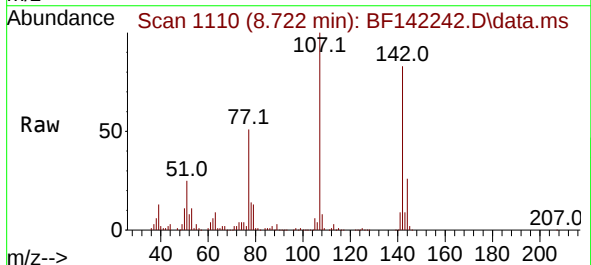
Instrument :
 BNA_F
 ClientSampleId :

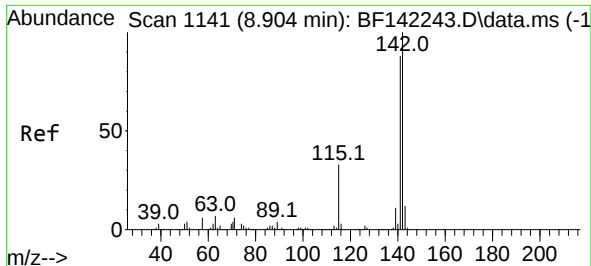
Tgt Ion:113 Resp: 60791
 Ion Ratio Lower Upper
 113 100
 55 198.2 177.7 217.7
 56 144.8 127.1 167.1



#36
 4-Chloro-3-methylphenol
 Concen: 20.190 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF142242.D
 Acq: 30 Apr 2025 12:49

Tgt Ion:107 Resp: 208419
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.0 31.4
 142 83.4 66.1 99.1

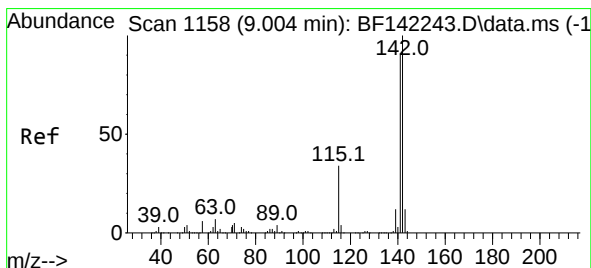
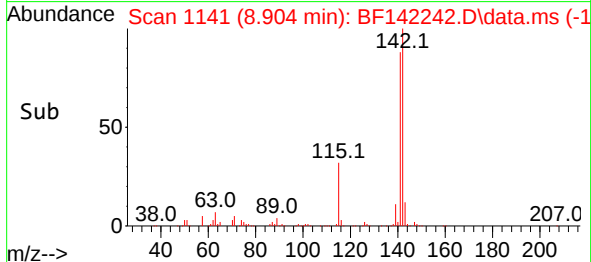
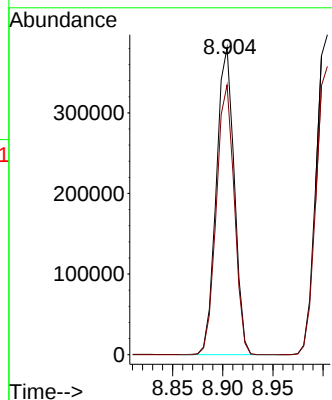
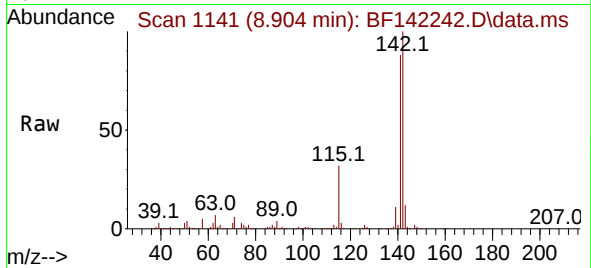




#37
2-Methylnaphthalene
Concen: 20.658 ng
RT: 8.904 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

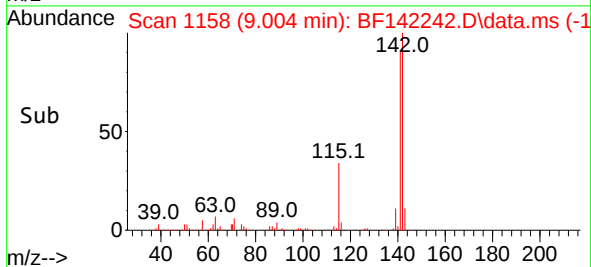
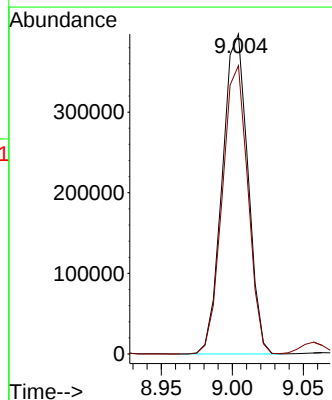
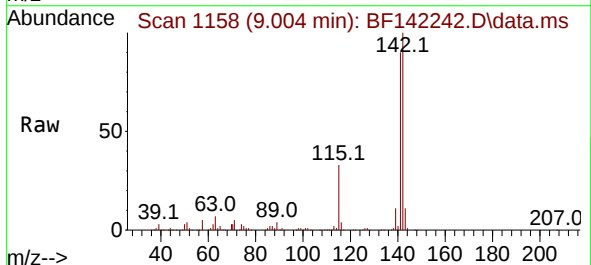
Instrument :
BNA_F
ClientSampleId :

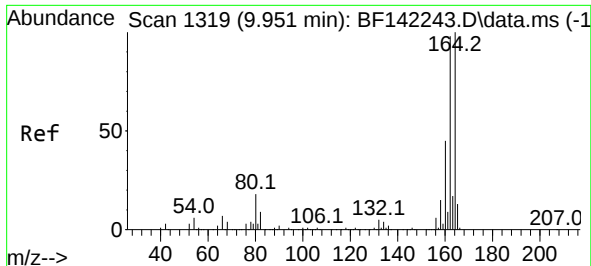
Tgt Ion:142 Resp: 472896
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7



#38
1-Methylnaphthalene
Concen: 20.985 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

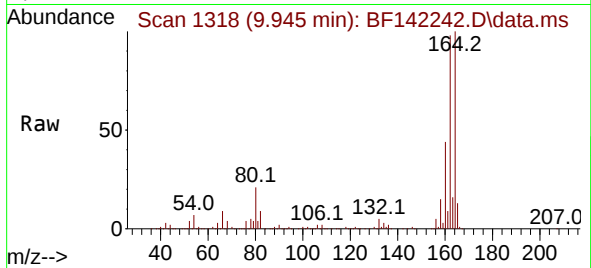
Tgt Ion:142 Resp: 497635
Ion Ratio Lower Upper
142 100
141 90.1 72.8 109.2



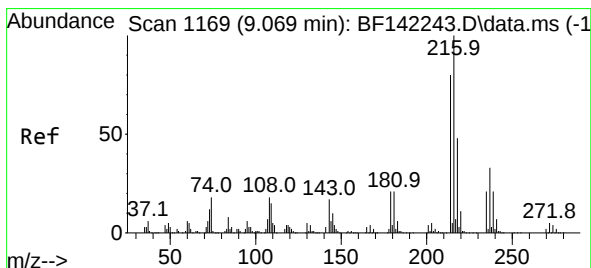
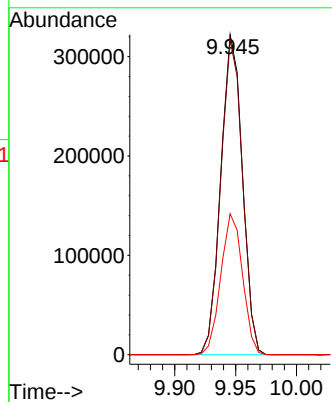
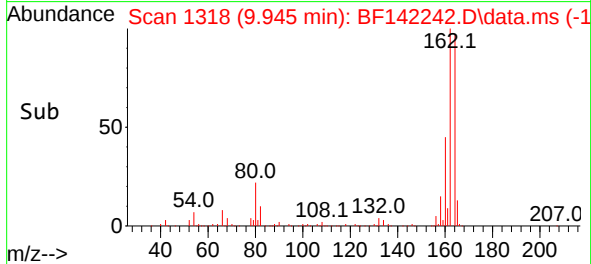


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

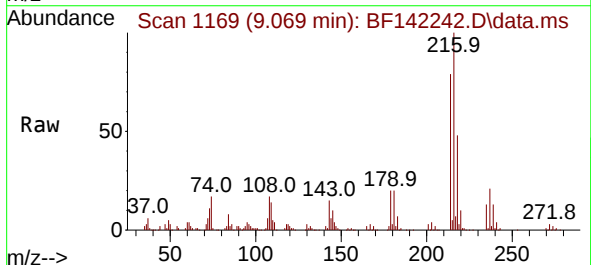
Instrument :
BNA_F
ClientSampleId :



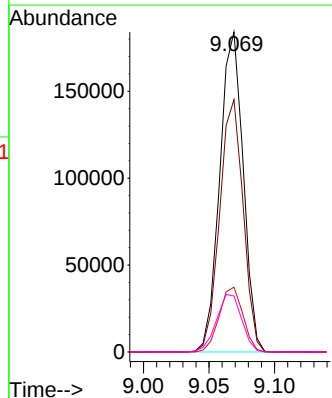
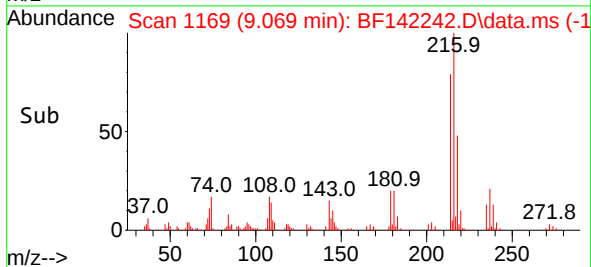
Tgt Ion:164 Resp: 398805
Ion Ratio Lower Upper
164 100
162 98.3 78.6 117.8
160 44.1 35.7 53.5

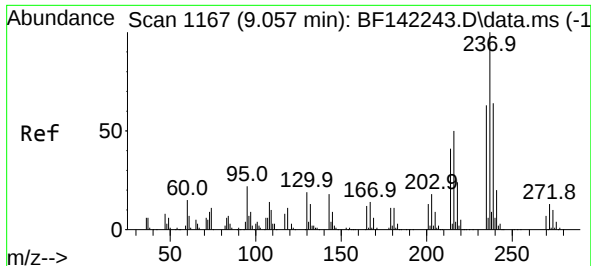


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.342 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



Tgt Ion:216 Resp: 228311
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 20.5 16.7 25.1
108 19.4 15.6 23.4

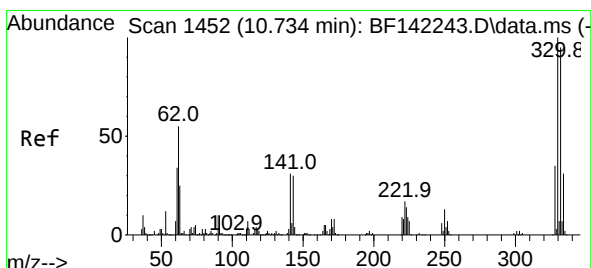
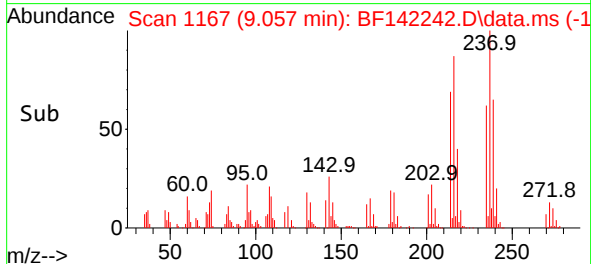
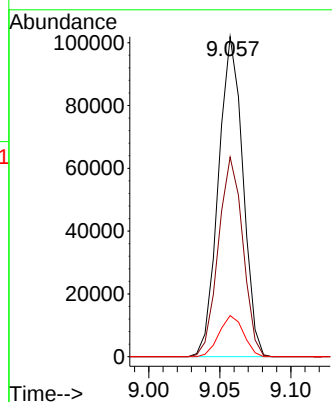
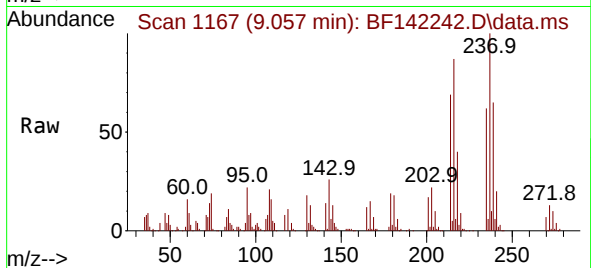




#41
Hexachlorocyclopentadiene
Concen: 19.145 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

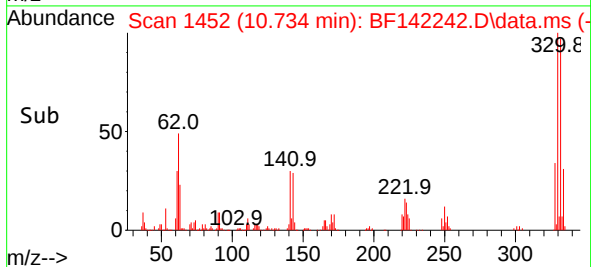
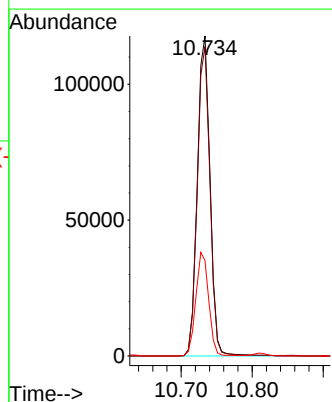
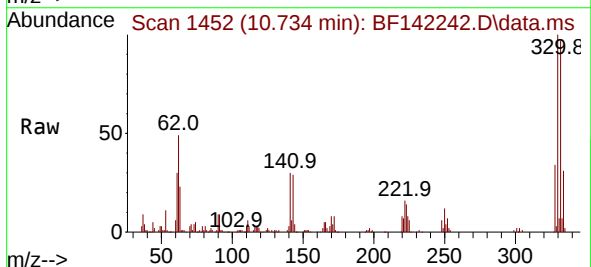
Instrument :
BNA_F
ClientSampleId :

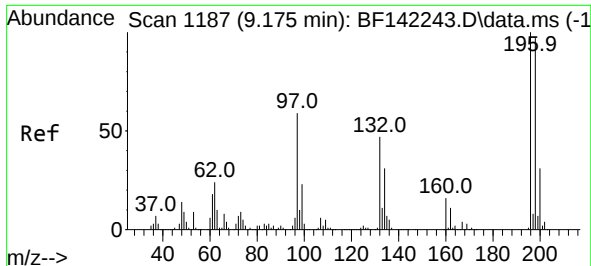
Tgt Ion:237 Resp: 121953
Ion Ratio Lower Upper
237 100
235 62.4 43.5 83.5
272 12.8 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 40.372 ng
RT: 10.734 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:330 Resp: 146779
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 32.8 24.3 36.5

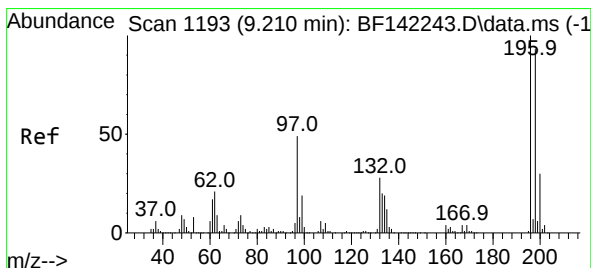
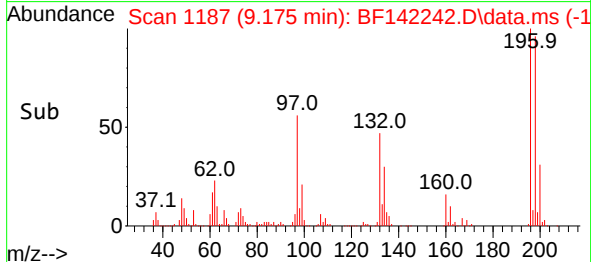
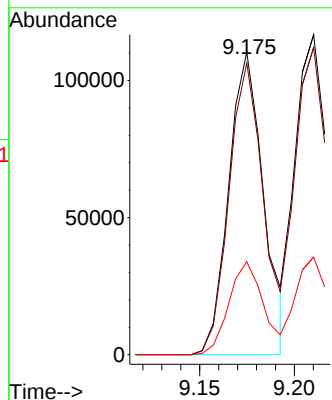
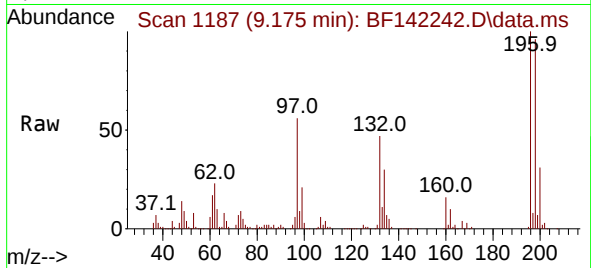




#43
2,4,6-Trichlorophenol
Concen: 20.246 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

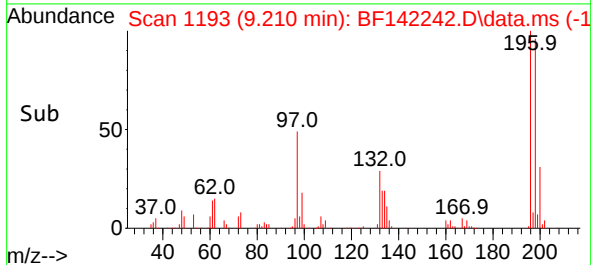
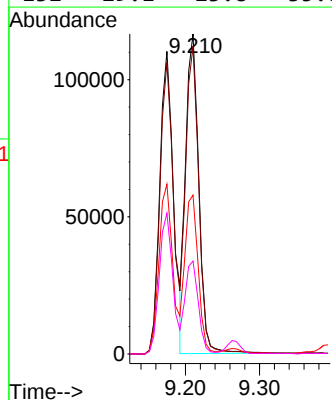
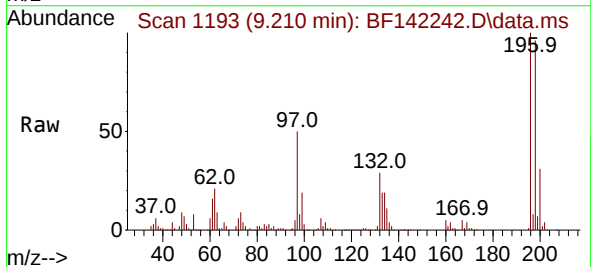
Instrument :
BNA_F
ClientSampleId :

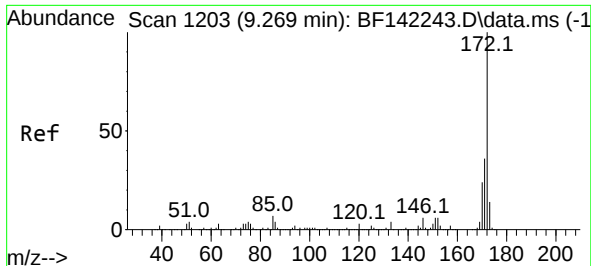
Tgt Ion:196 Resp: 140807
Ion Ratio Lower Upper
196 100
198 96.4 77.4 116.2
200 30.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 19.756 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:196 Resp: 144462
Ion Ratio Lower Upper
196 100
198 96.1 75.2 112.8
97 49.7 39.8 59.8
132 29.1 23.8 35.8

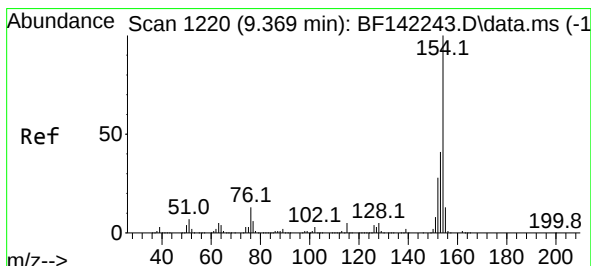
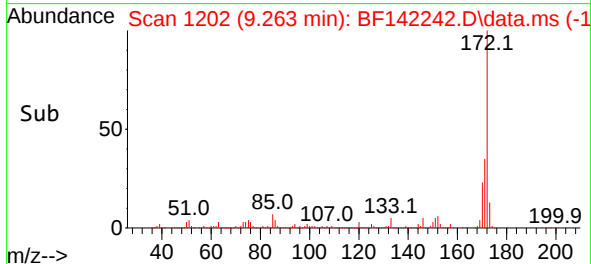
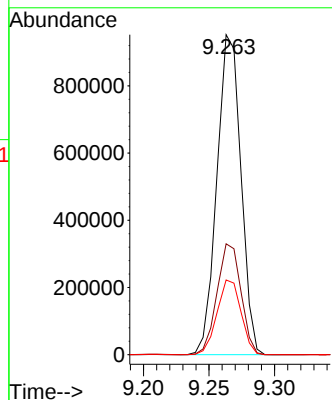
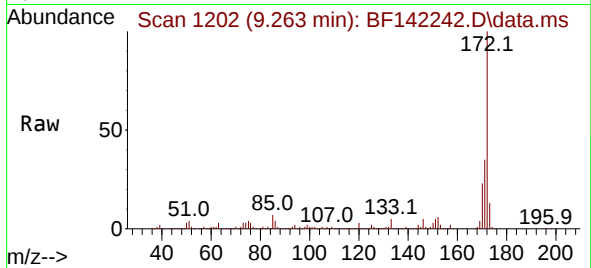




#45
2-Fluorobiphenyl
Concen: 42.876 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

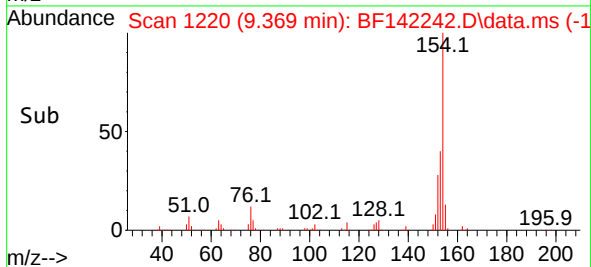
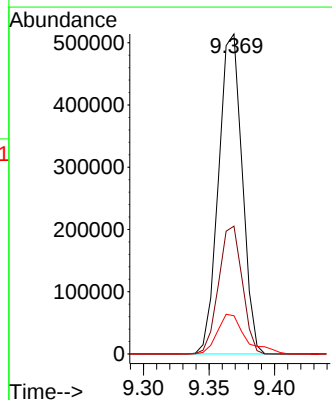
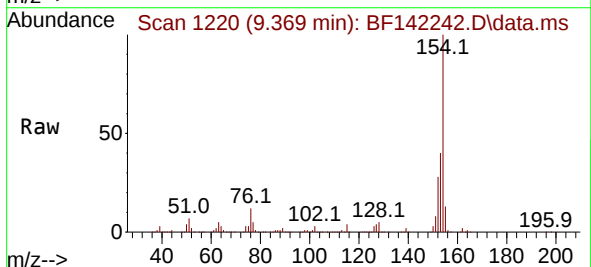
Instrument :
BNA_F
ClientSampleId :

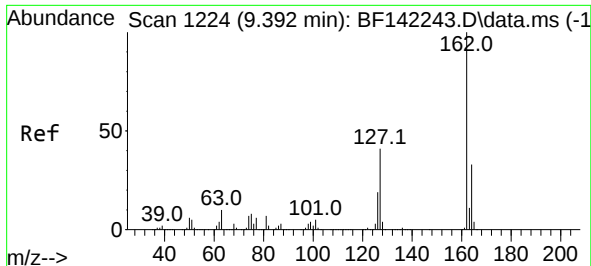
Tgt Ion:172 Resp: 1212743
Ion Ratio Lower Upper
172 100
171 34.7 29.0 43.4
170 23.3 19.4 29.0



#46
1,1'-Biphenyl
Concen: 20.740 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

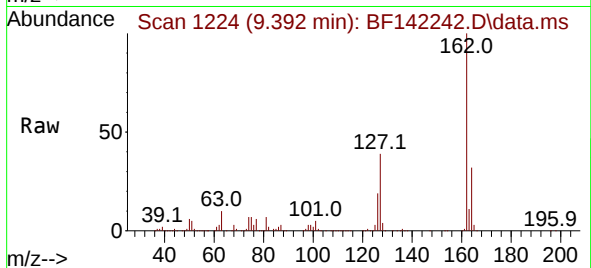
Tgt Ion:154 Resp: 643017
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 12.0 0.0 32.8



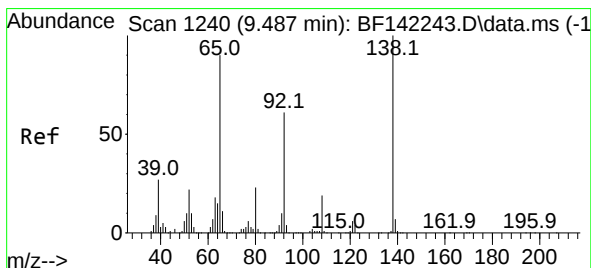
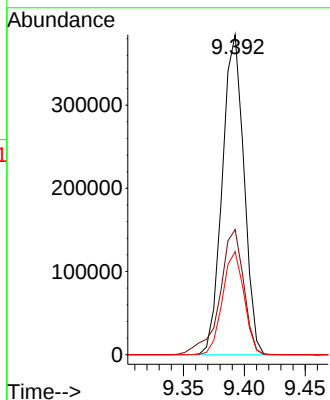
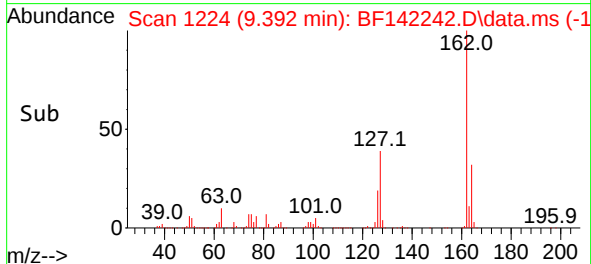


#47
2-Chloronaphthalene
Concen: 20.588 ng
RT: 9.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :
BNA_F
ClientSampleId :

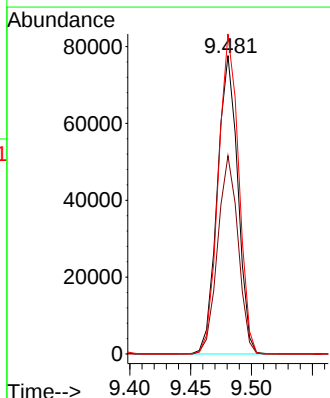
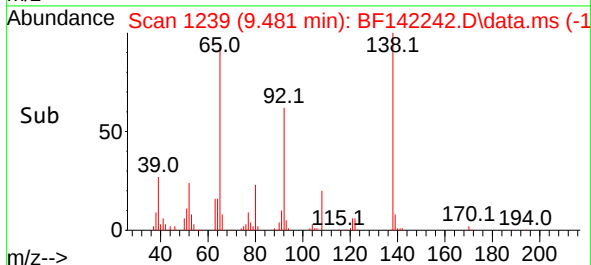
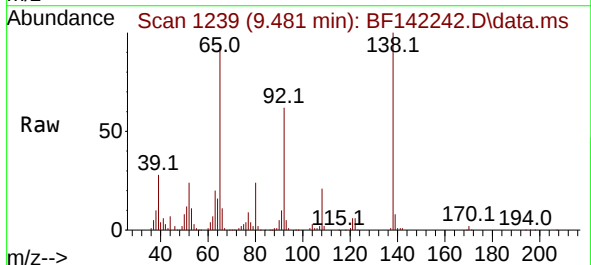


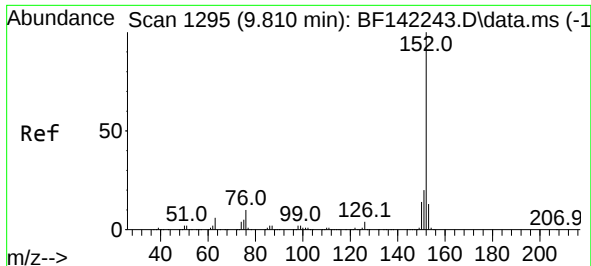
Tgt Ion:162 Resp: 474899
Ion Ratio Lower Upper
162 100
127 39.1 32.6 49.0
164 32.2 26.1 39.1



#48
2-Nitroaniline
Concen: 18.213 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 65 Resp: 90798
Ion Ratio Lower Upper
65 100
92 66.4 54.3 81.5
138 107.2 88.6 133.0





#49

Acenaphthylene

Concen: 20.749 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

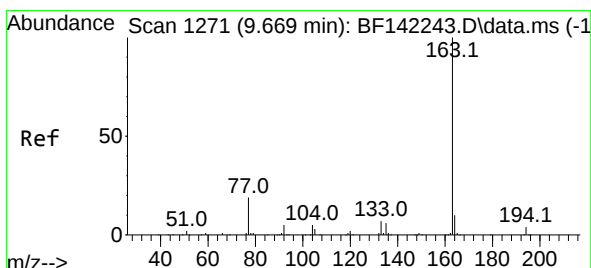
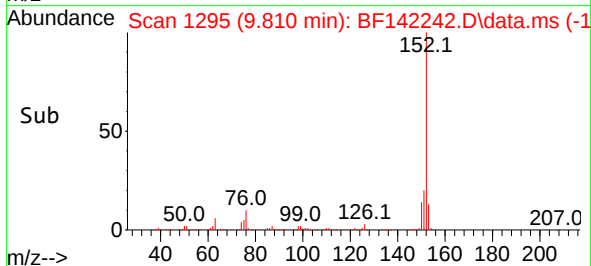
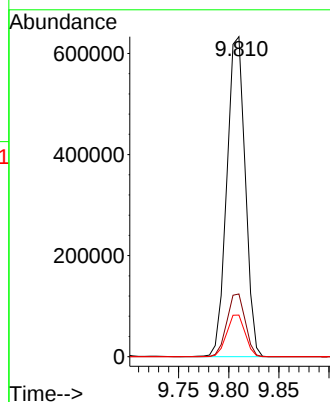
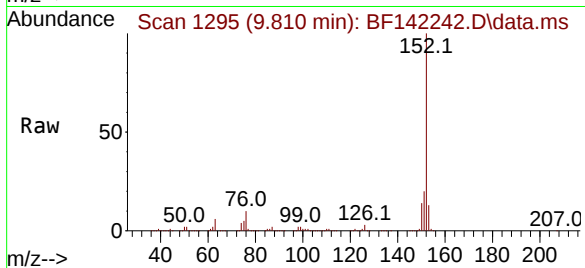
Tgt Ion:152 Resp: 807654

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 13.0 10.7 16.1



#50

Dimethylphthalate

Concen: 20.334 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

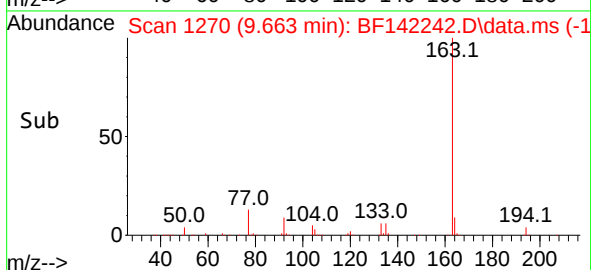
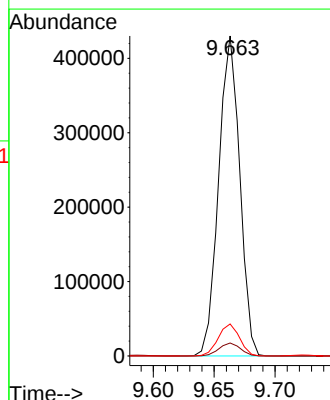
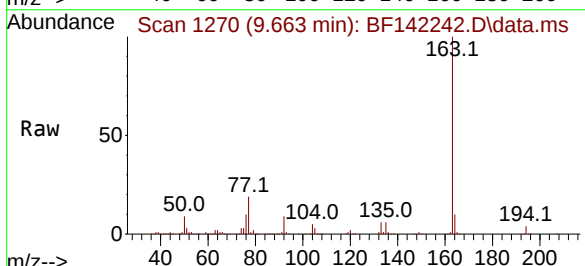
Tgt Ion:163 Resp: 518802

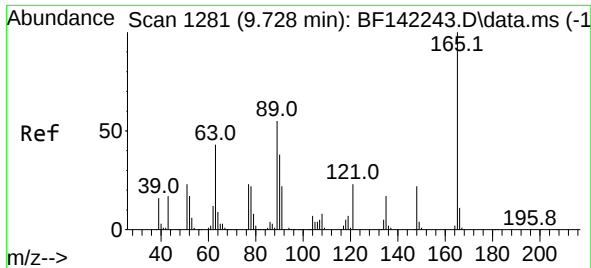
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.0 8.2 12.2

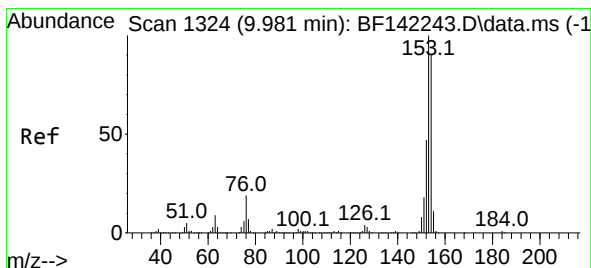
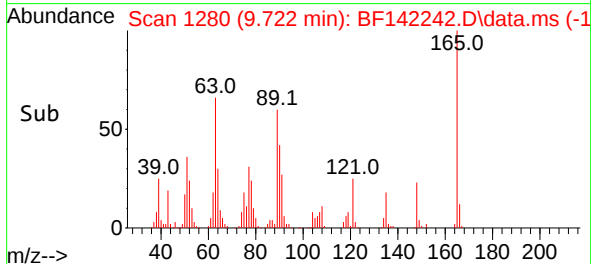
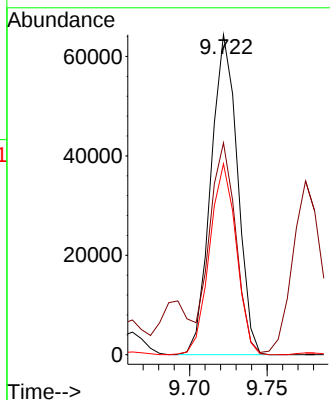
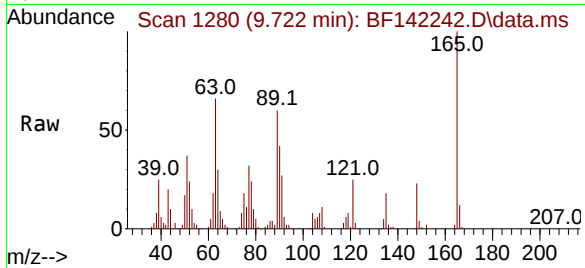




#51
2,6-Dinitrotoluene
Concen: 18.432 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

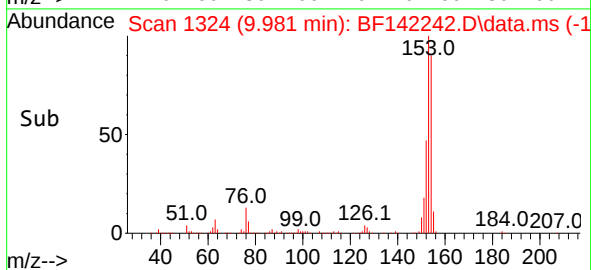
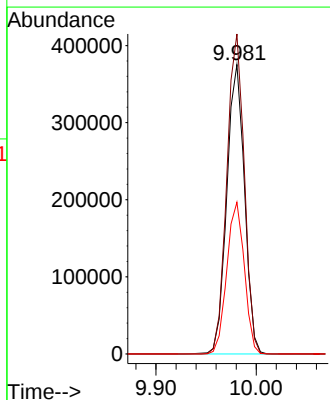
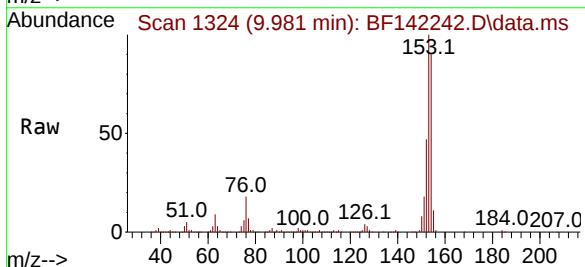
Instrument :
BNA_F
ClientSampleId :

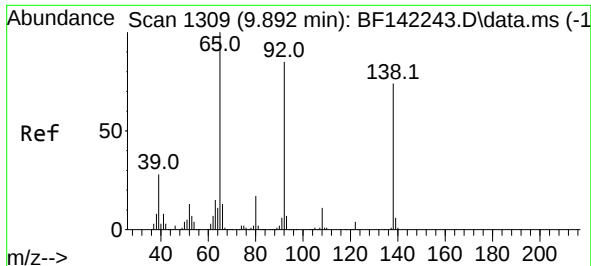
Tgt Ion:165 Resp: 76955
Ion Ratio Lower Upper
165 100
63 66.2 48.5 72.7
89 59.6 43.9 65.9



#52
Acenaphthene
Concen: 20.281 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

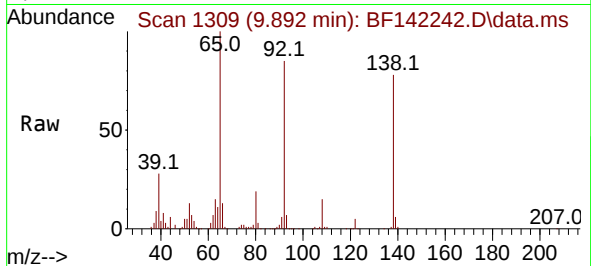
Tgt Ion:154 Resp: 460927
Ion Ratio Lower Upper
154 100
153 110.6 88.6 133.0
152 52.4 42.1 63.1



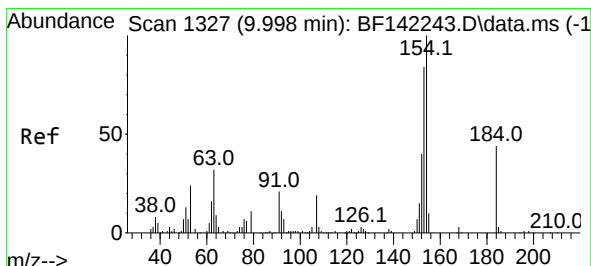
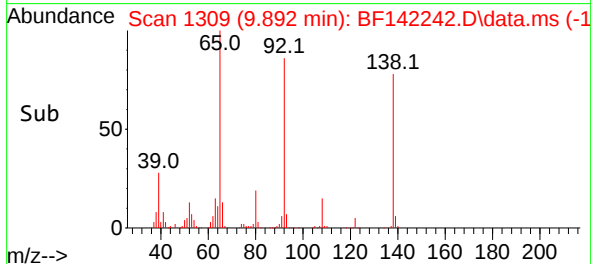
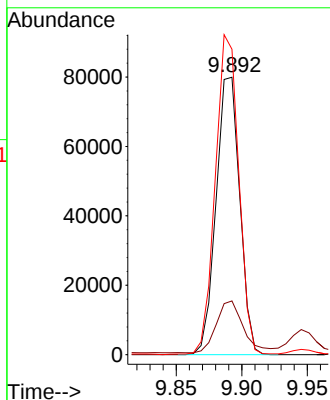


#53
3-Nitroaniline
Concen: 18.959 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :
BNA_F
ClientSampleId :

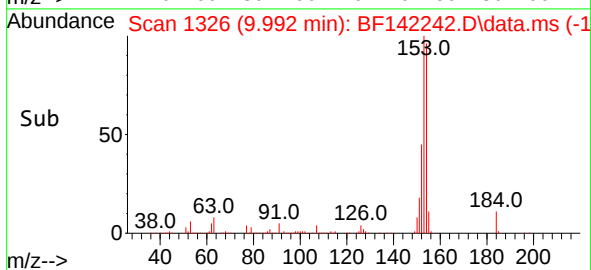
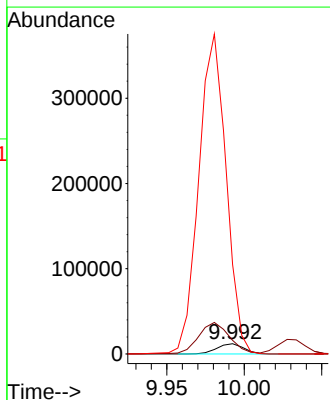
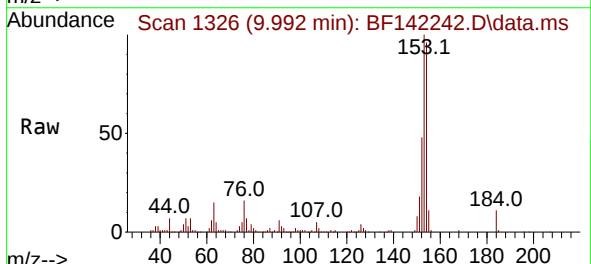


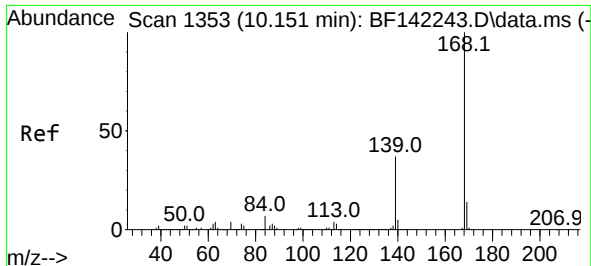
Tgt Ion:138 Resp: 100560
Ion Ratio Lower Upper
138 100
108 19.4 11.7 17.5#
92 110.1 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 18.804 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

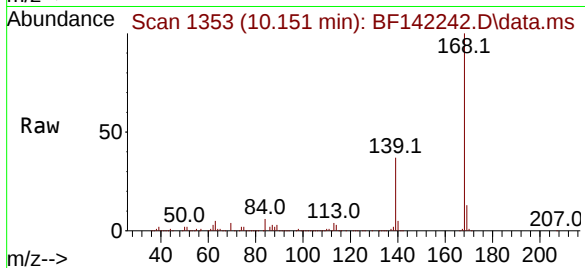
Tgt Ion:184 Resp: 14553
Ion Ratio Lower Upper
184 100
63 131.7 69.2 103.8#
154 869.6 271.4 407.2#



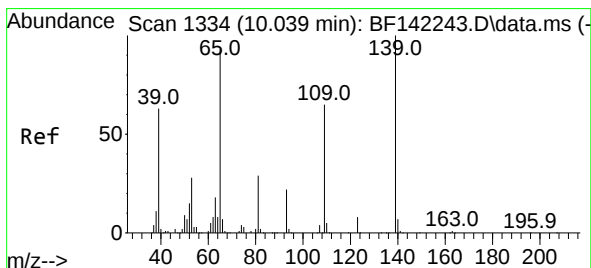
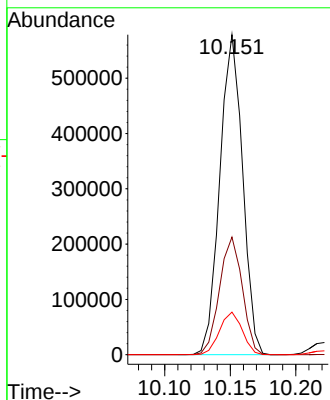
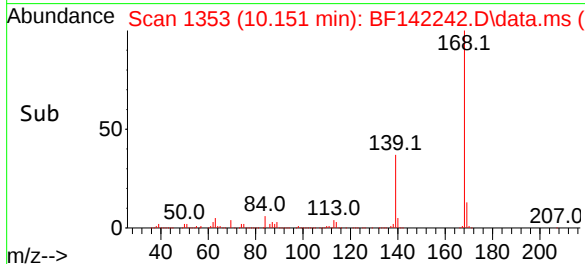


#55
Dibenzenofuran
Concen: 20.493 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

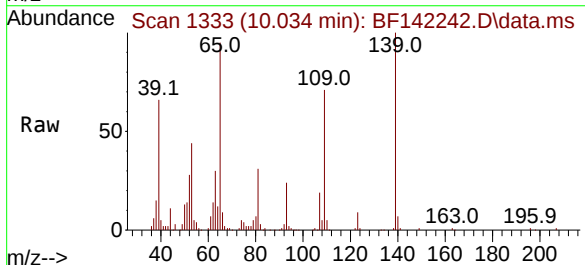
Instrument :
BNA_F
ClientSampleId :



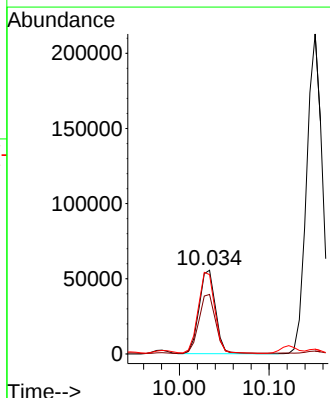
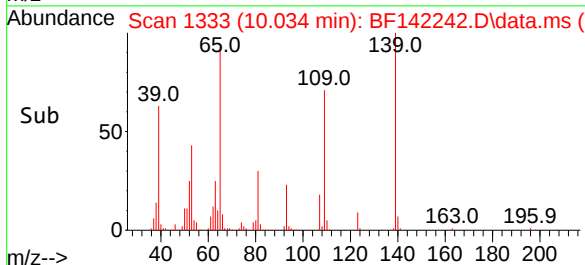
Tgt Ion:168 Resp: 698155
Ion Ratio Lower Upper
168 100
139 36.8 29.4 44.0
169 13.3 11.0 16.4

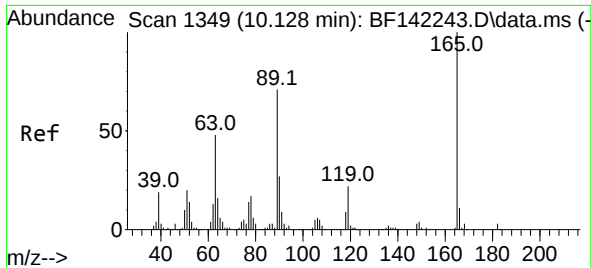


#56
4-Nitrophenol
Concen: 17.561 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



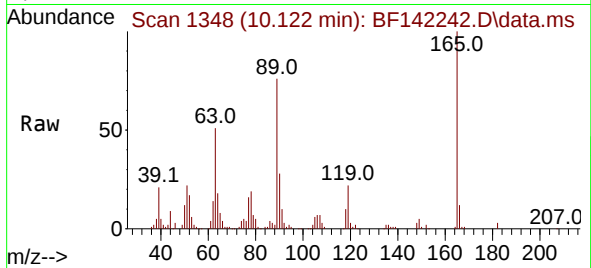
Tgt Ion:139 Resp: 70423
Ion Ratio Lower Upper
139 100
109 71.2 44.9 84.9
65 94.8 74.7 114.7



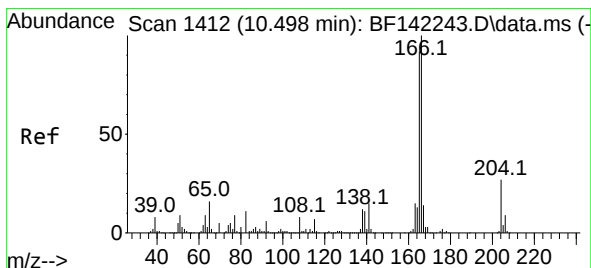
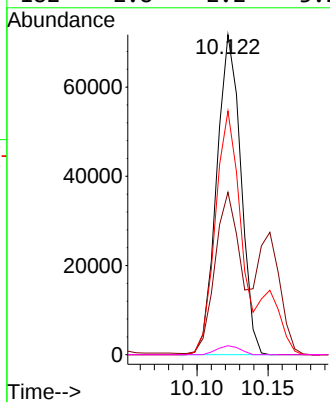
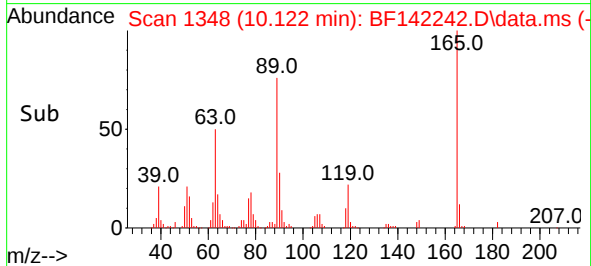


#57
2,4-Dinitrotoluene
Concen: 17.844 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

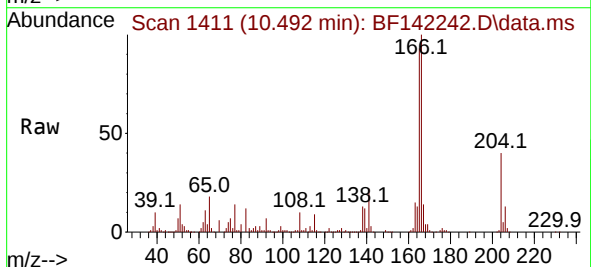
Instrument :
BNA_F
ClientSampleId :



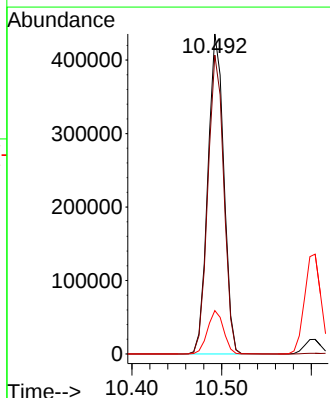
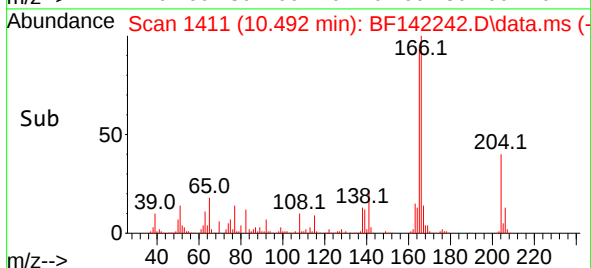
Tgt Ion:165 Resp: 84812
Ion Ratio Lower Upper
165 100
63 50.7 38.8 58.2
89 76.2 57.1 85.7
182 2.8 2.2 3.2

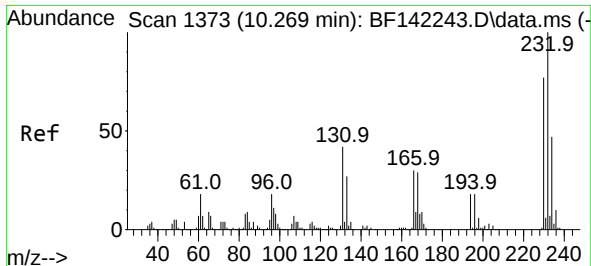


#58
Fluorene
Concen: 20.793 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



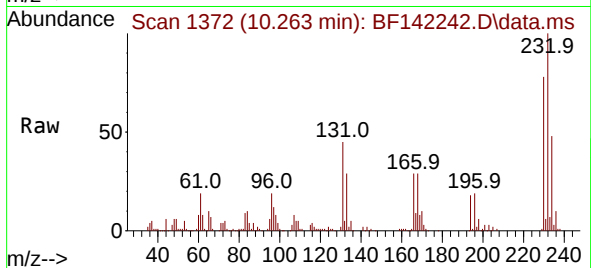
Tgt Ion:166 Resp: 538647
Ion Ratio Lower Upper
166 100
165 93.4 73.9 110.9
167 13.6 10.8 16.2



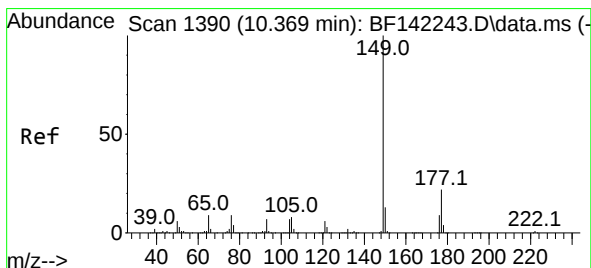
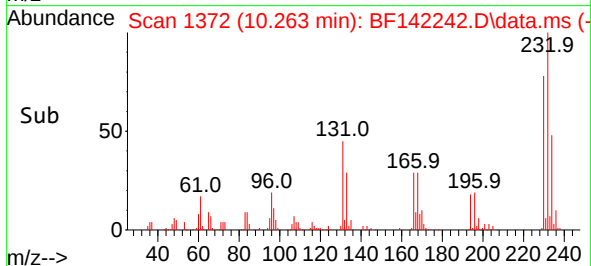
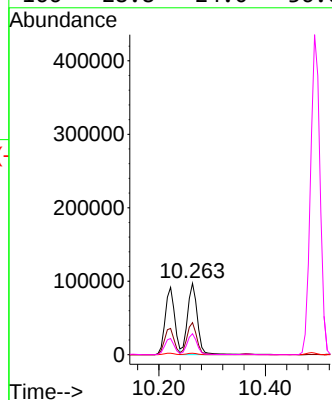


#59
2,3,4,6-Tetrachlorophenol
Concen: 20.530 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :
BNA_F
ClientSampleId :

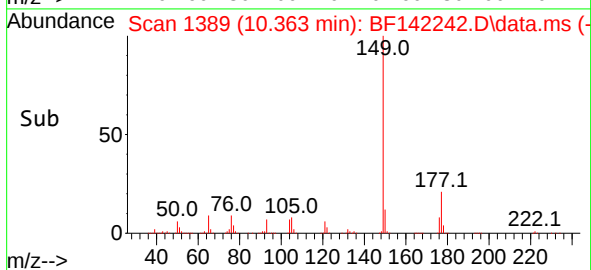
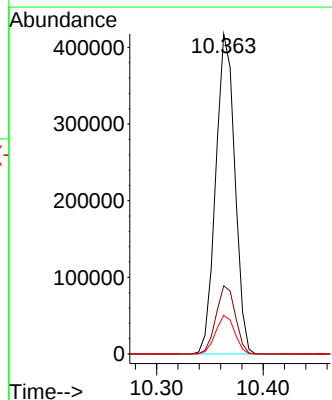
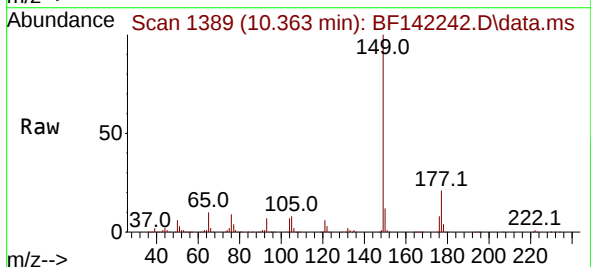


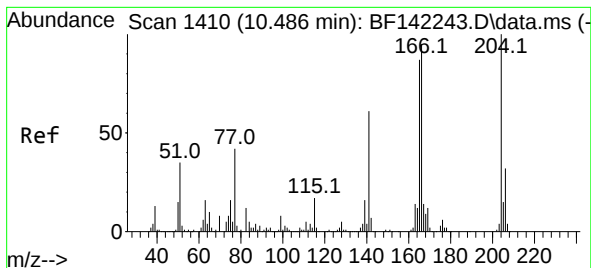
Tgt Ion:232 Resp: 124353
Ion Ratio Lower Upper
232 100
131 45.0 35.9 53.9
130 2.1 1.8 2.6
166 28.8 24.0 36.0



#60
Diethylphthalate
Concen: 20.611 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:149 Resp: 519294
Ion Ratio Lower Upper
149 100
177 21.3 17.6 26.4
150 12.0 10.2 15.2

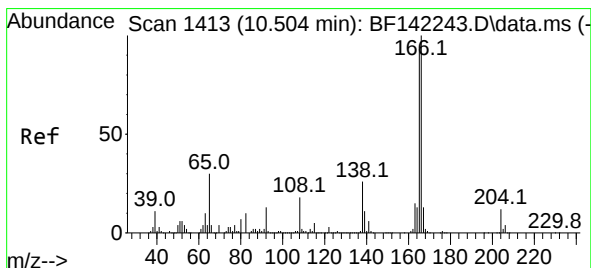
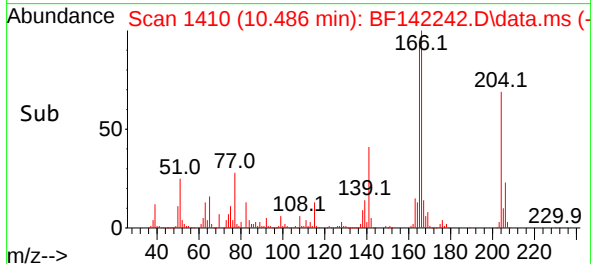
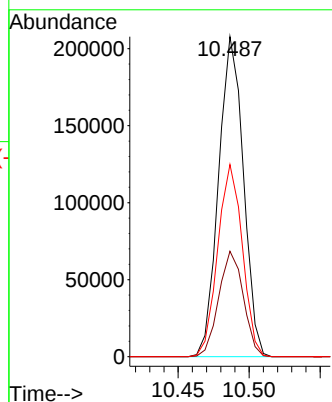
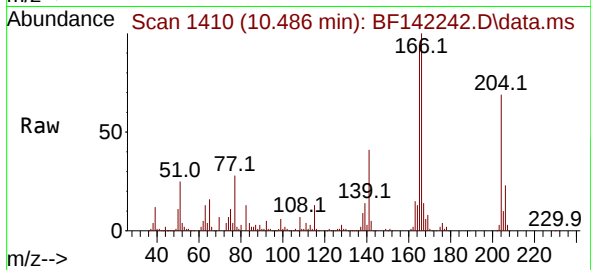




#61
4-Chlorophenyl-phenylether
Concen: 20.502 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

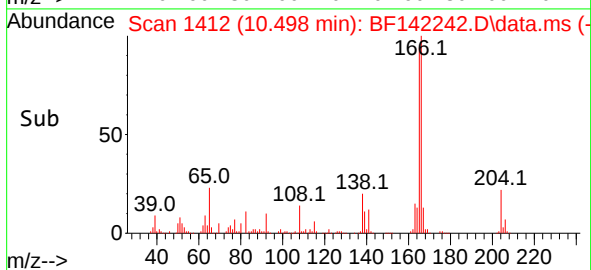
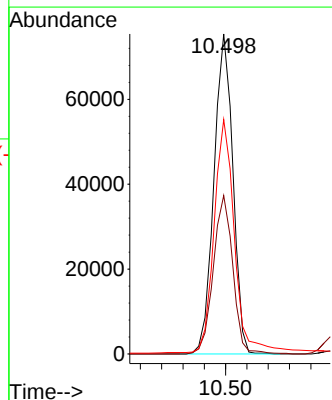
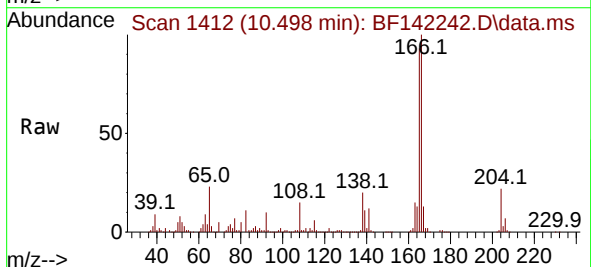
Instrument :
BNA_F
ClientSampleId :

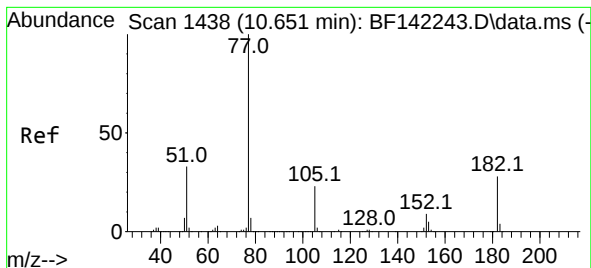
Tgt Ion:204 Resp: 252213
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 60.1 48.9 73.3



#62
4-Nitroaniline
Concen: 18.933 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:138 Resp: 92884
Ion Ratio Lower Upper
138 100
92 49.5 29.2 69.2
108 73.2 49.1 89.1





#63

Azobenzene

Concen: 20.438 ng

RT: 10.645 min Scan# 1437

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 508482

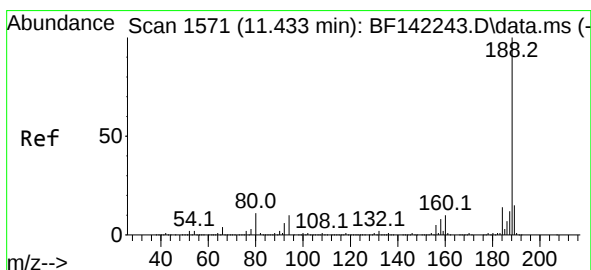
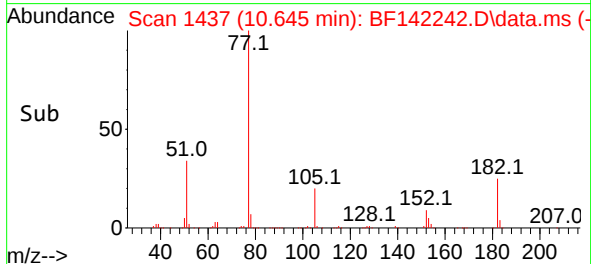
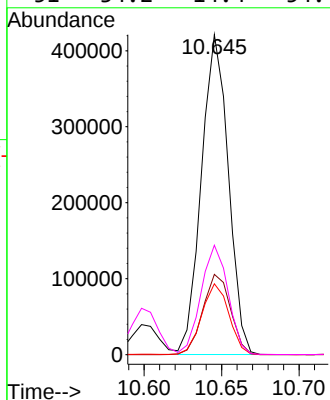
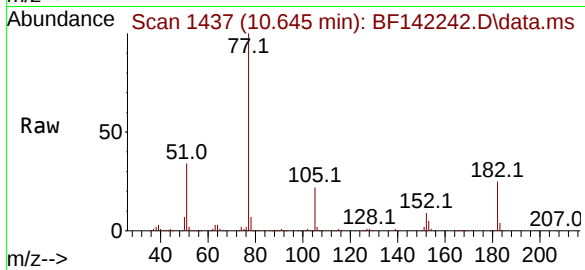
Ion Ratio Lower Upper

77 100

182 25.1 7.3 47.3

105 22.2 2.5 42.5

51 34.2 14.4 54.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.434 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

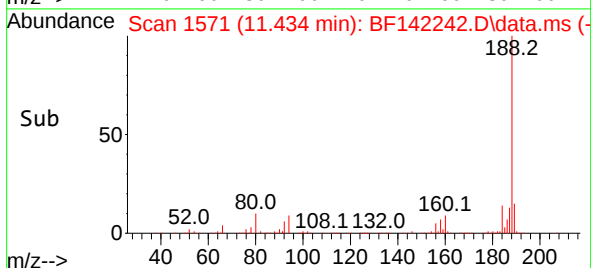
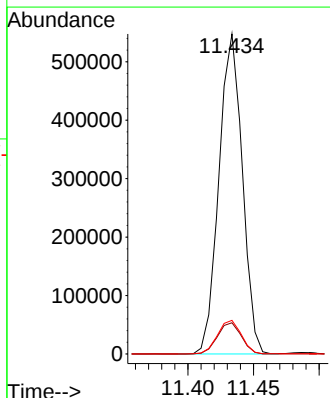
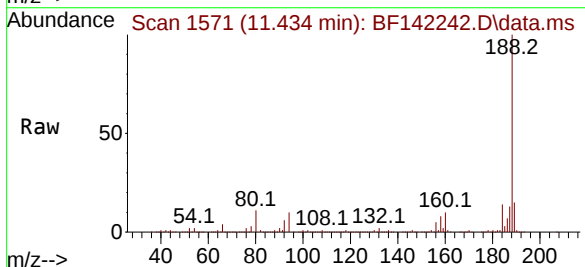
Tgt Ion: 188 Resp: 679379

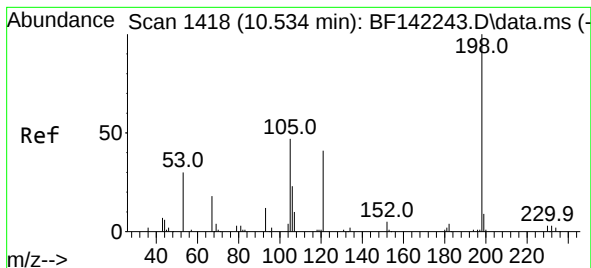
Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

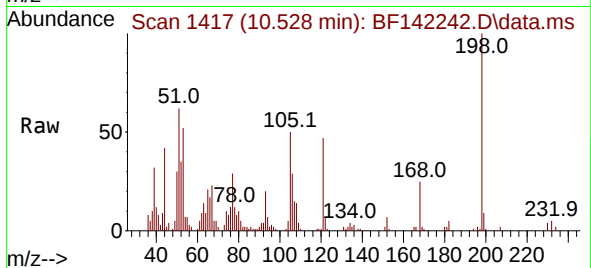
80 10.5 8.6 12.8



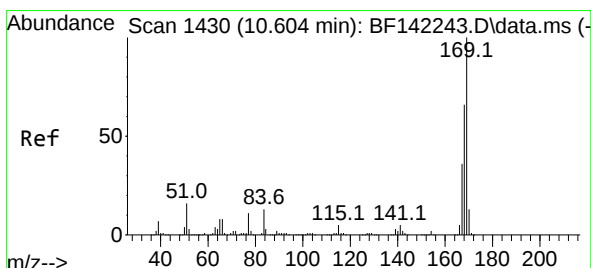
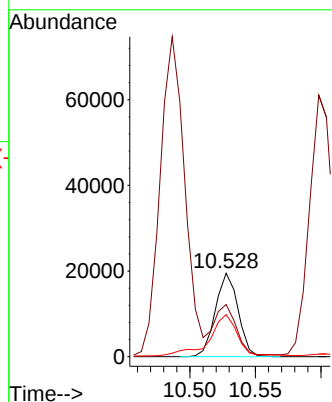
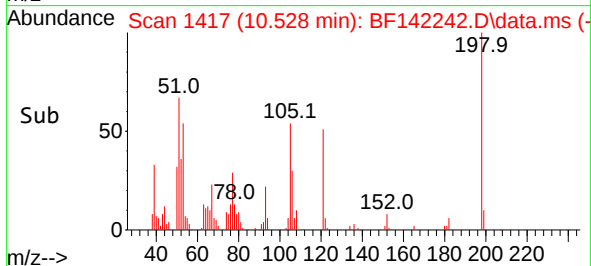


#65
4,6-Dinitro-2-methylphenol
Concen: 18.756 ng
RT: 10.528 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

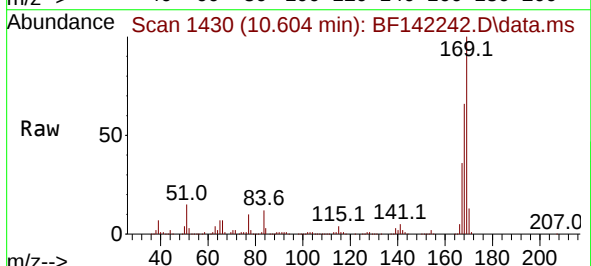
Instrument :
BNA_F
ClientSampleId :



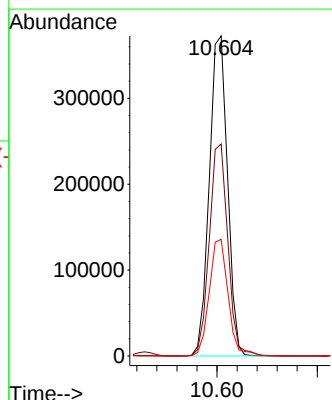
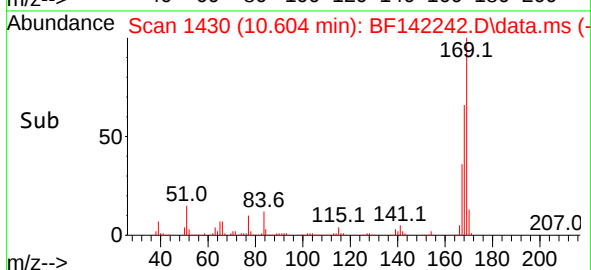
Tgt Ion:198 Resp: 23400
Ion Ratio Lower Upper
198 100
51 62.5 40.6 80.6
105 50.4 29.2 69.2

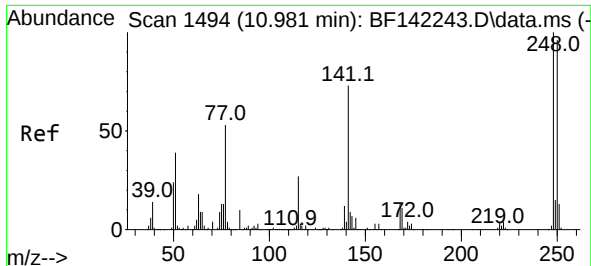


#66
n-Nitrosodiphenylamine
Concen: 20.280 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



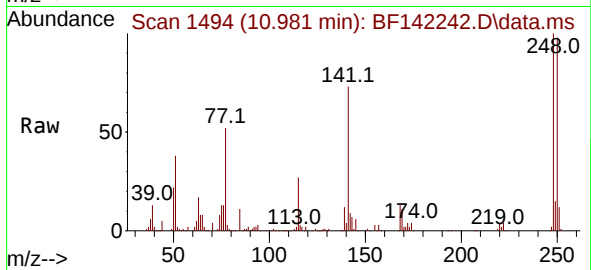
Tgt Ion:169 Resp: 470767
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 36.4 28.8 43.2



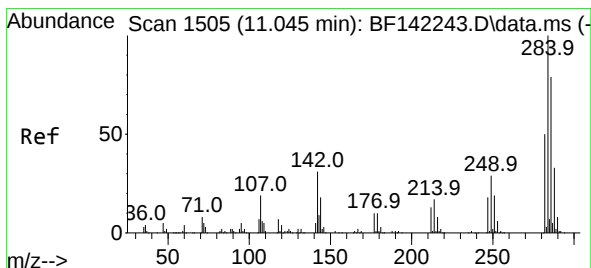
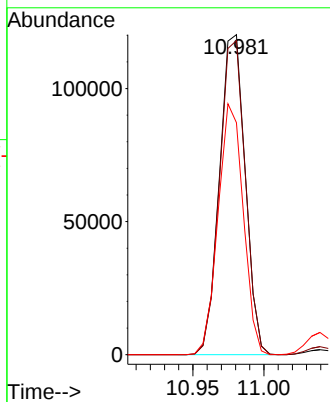
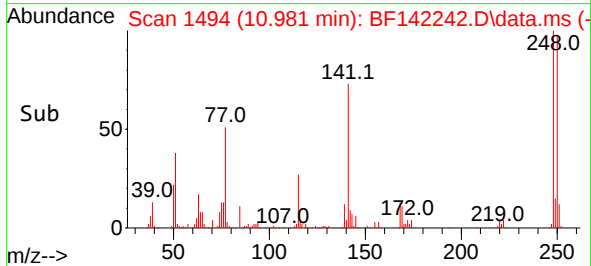


#67
4-Bromophenyl-phenylether
Concen: 20.053 ng
RT: 10.981 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

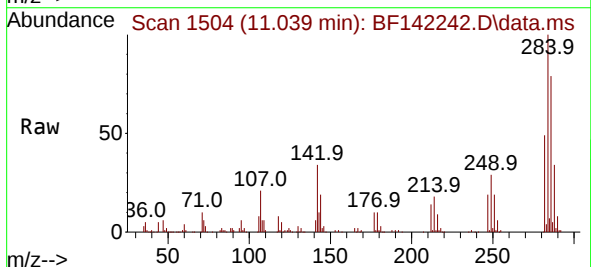
Instrument :
BNA_F
ClientSampleId :



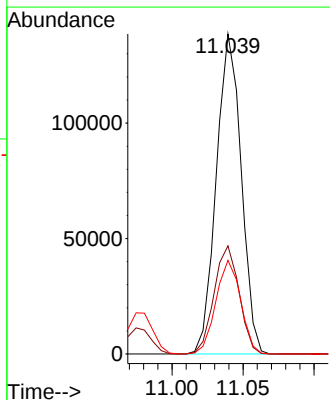
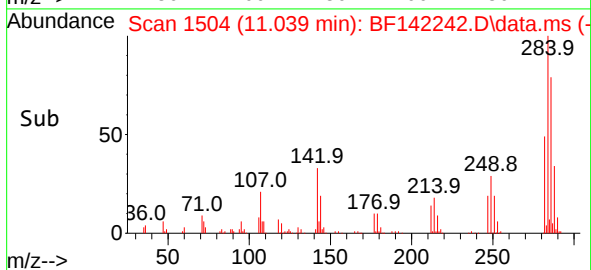
Tgt Ion:248 Resp: 151720
Ion Ratio Lower Upper
248 100
250 98.1 77.2 115.8
141 72.5 58.4 87.6

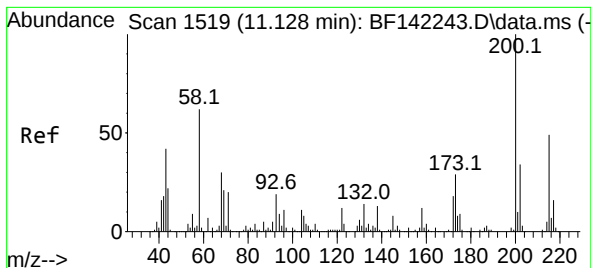


#68
Hexachlorobenzene
Concen: 19.916 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



Tgt Ion:284 Resp: 168767
Ion Ratio Lower Upper
284 100
142 33.8 24.6 37.0
249 29.3 23.2 34.8





#69

Atrazine

Concen: 20.665 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

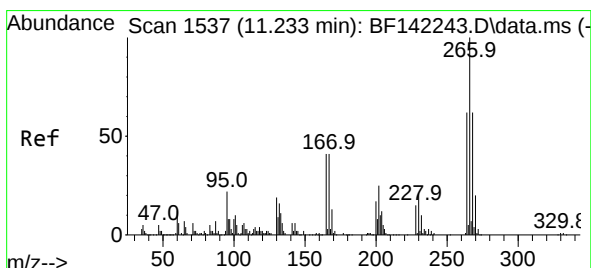
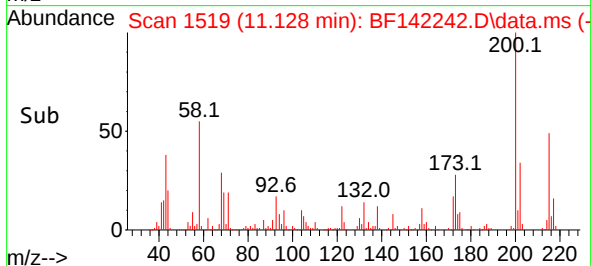
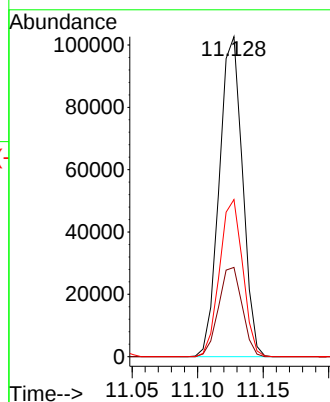
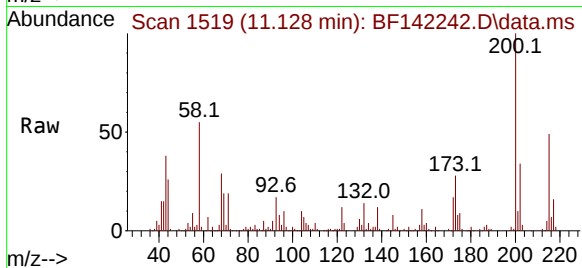
Tgt Ion:200 Resp: 126444

Ion Ratio Lower Upper

200 100

173 27.9 8.6 48.6

215 49.1 28.5 68.5



#70

Pentachlorophenol

Concen: 18.301 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.005 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

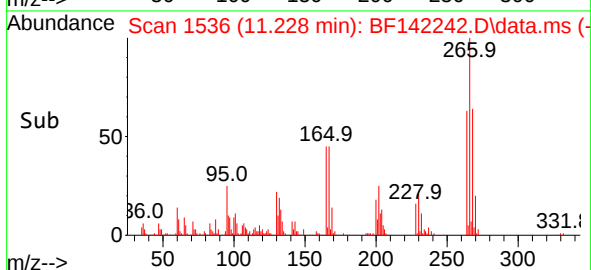
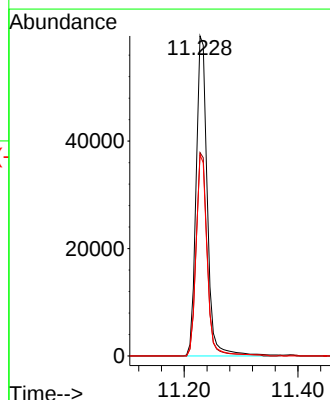
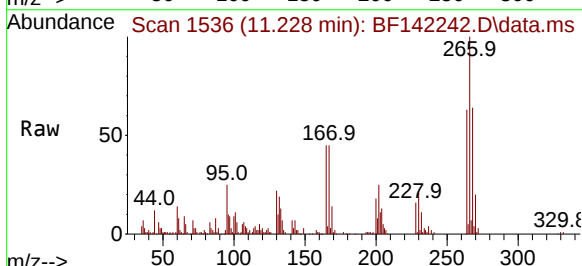
Tgt Ion:266 Resp: 81929

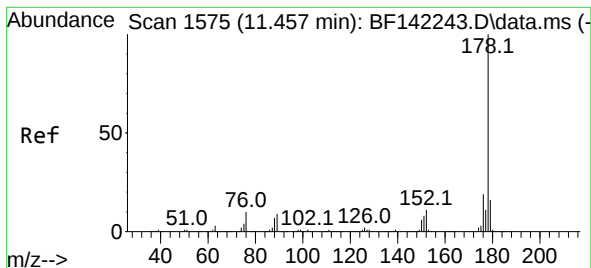
Ion Ratio Lower Upper

266 100

268 63.6 50.0 75.0

264 62.8 49.3 73.9





#71

Phenanthrene

Concen: 20.723 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

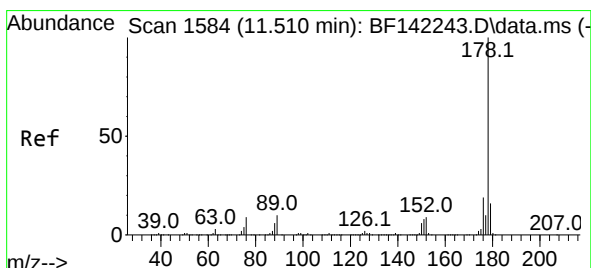
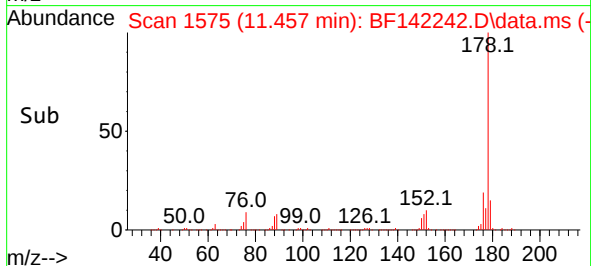
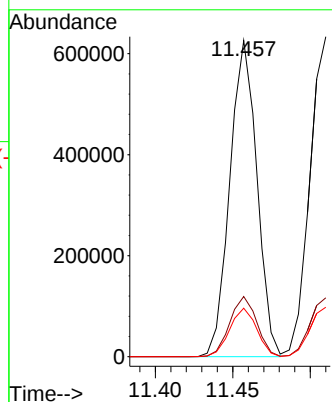
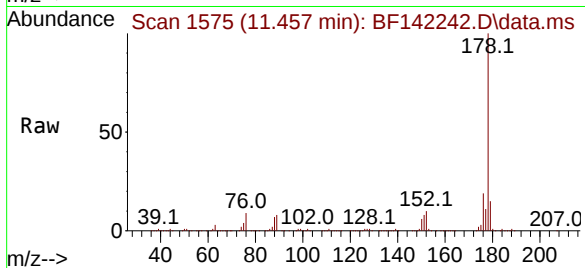
Tgt Ion:178 Resp: 760476

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.3 12.6 19.0



#72

Anthracene

Concen: 20.848 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

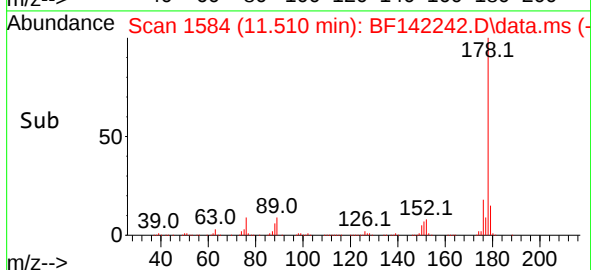
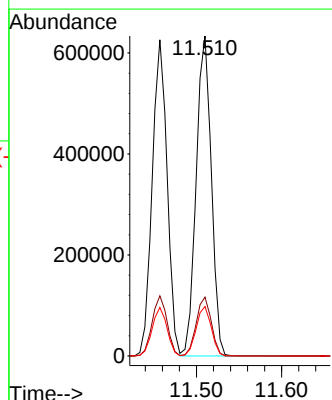
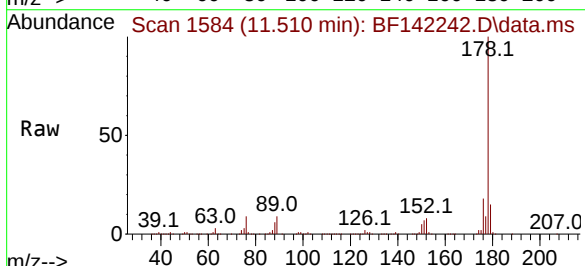
Tgt Ion:178 Resp: 782215

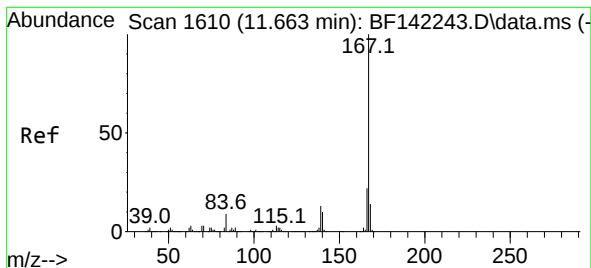
Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

179 15.5 12.7 19.1





#73

Carbazole

Concen: 21.059 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

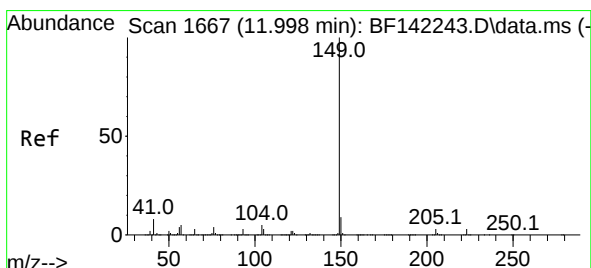
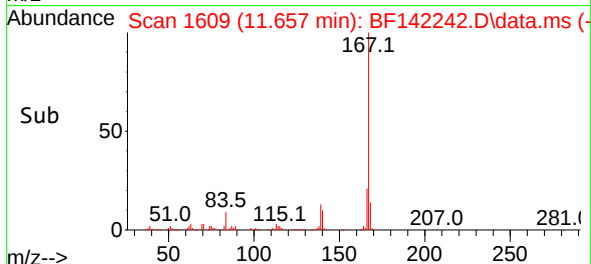
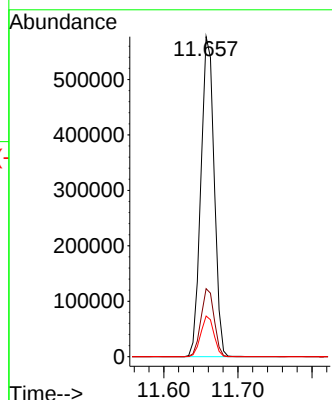
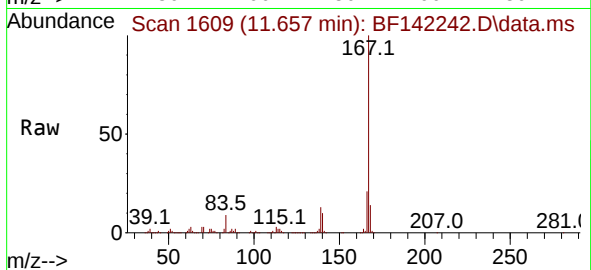
Tgt Ion:167 Resp: 720775

Ion Ratio Lower Upper

167 100

166 21.2 17.3 25.9

139 12.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 21.469 ng

RT: 11.998 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

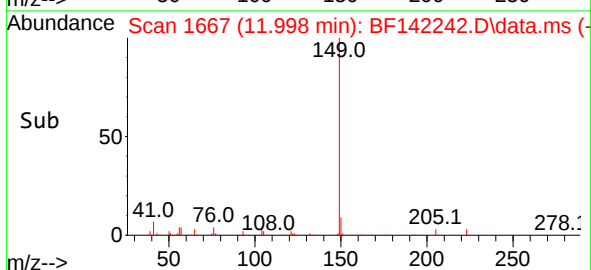
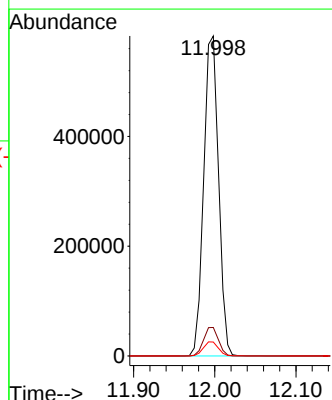
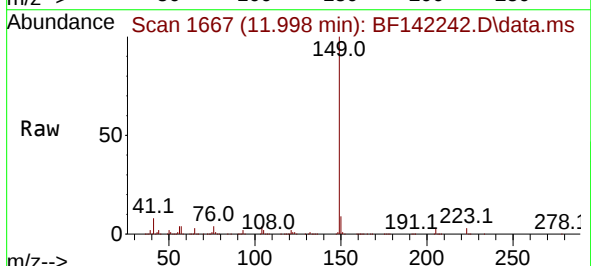
Tgt Ion:149 Resp: 739011

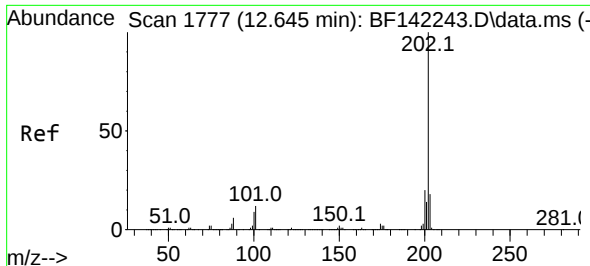
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

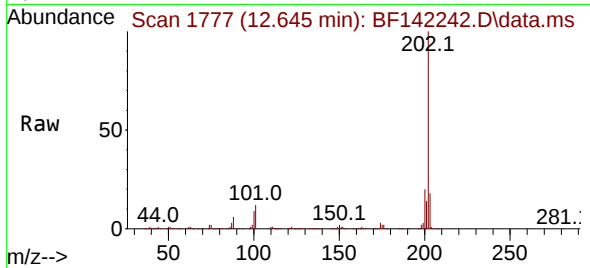
104 4.3 3.6 5.4



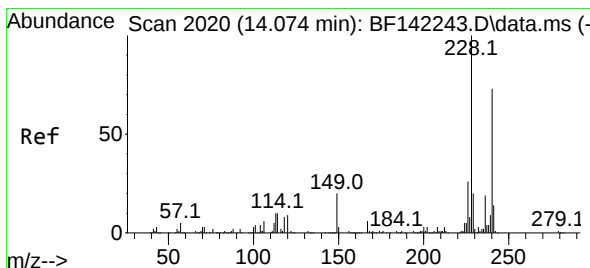
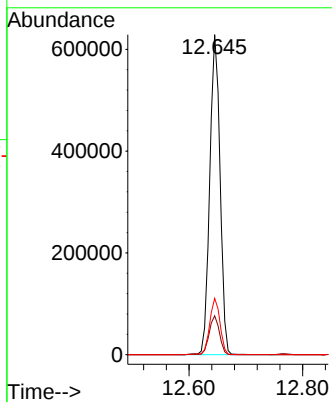
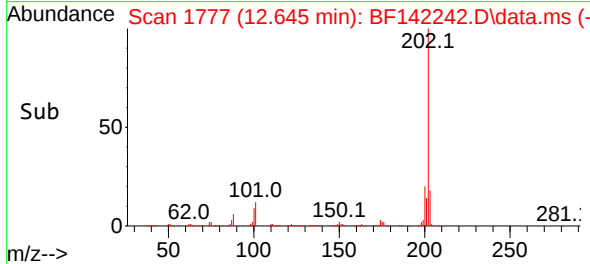


#75
Fluoranthene
Concen: 21.636 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

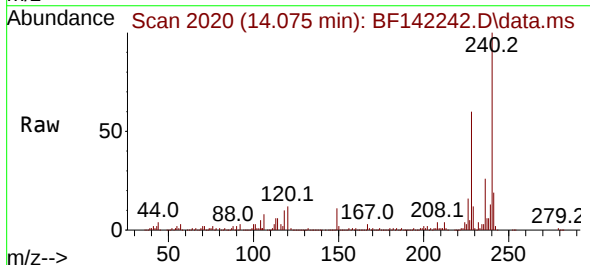
Instrument :
BNA_F
ClientSampleId :



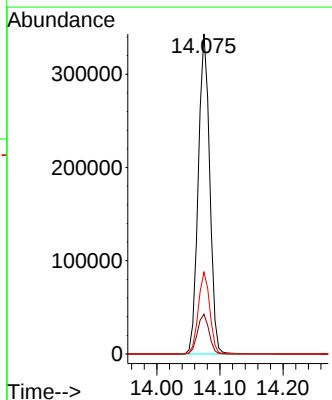
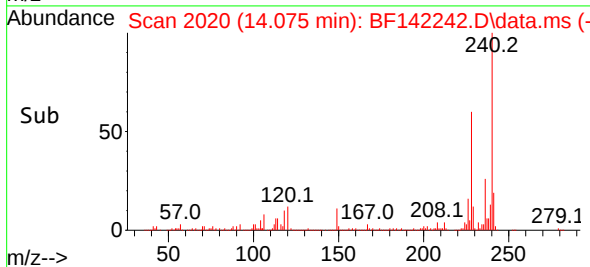
Tgt Ion:202 Resp: 784880
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.4
203 17.6 0.0 37.5

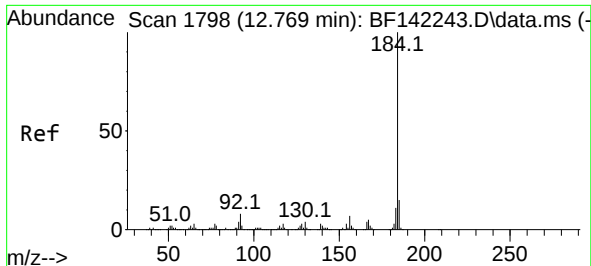


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.075 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



Tgt Ion:240 Resp: 430351
Ion Ratio Lower Upper
240 100
120 12.4 10.1 15.1
236 25.6 20.5 30.7

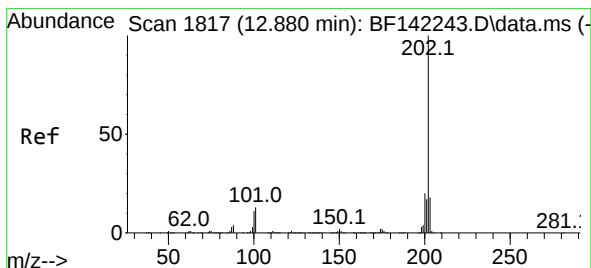
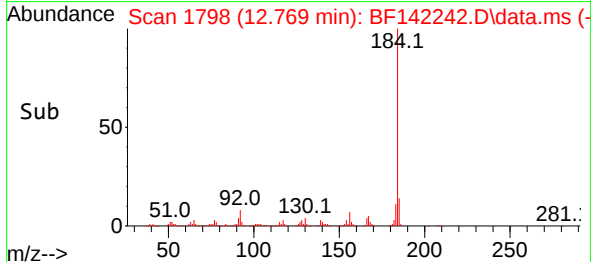
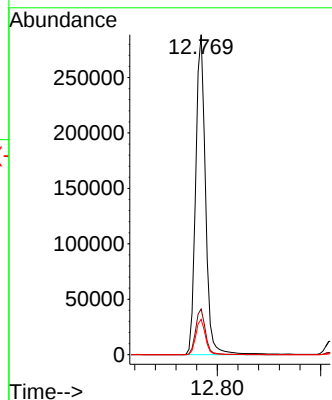
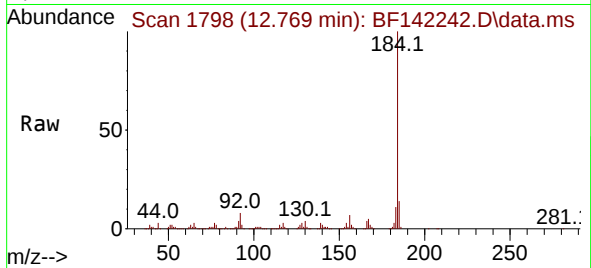




#77
Benzidine
Concen: 20.837 ng
RT: 12.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

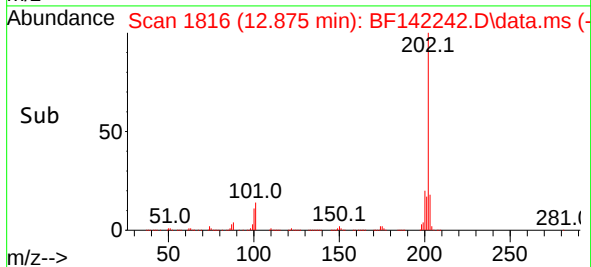
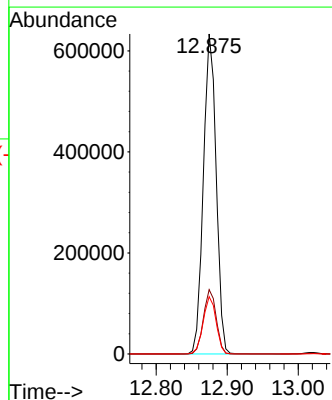
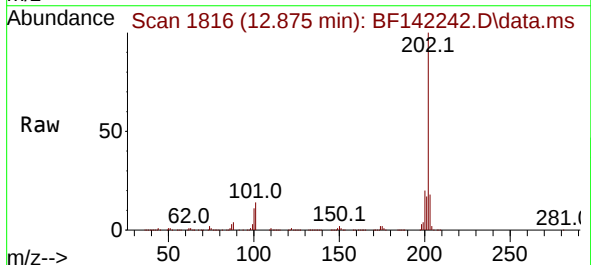
Instrument :
BNA_F
ClientSampleId :

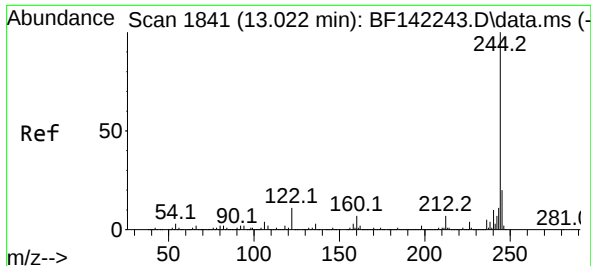
Tgt Ion:184 Resp: 381034
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.1 8.9 13.3



#78
Pyrene
Concen: 20.046 ng
RT: 12.875 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

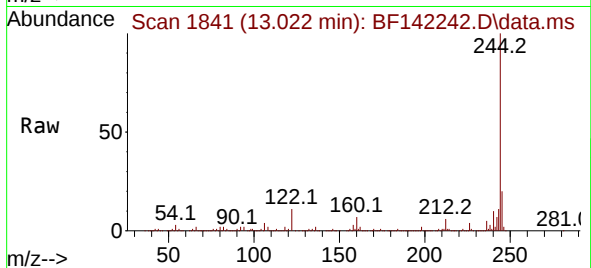
Tgt Ion:202 Resp: 795806
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.9 14.1 21.1





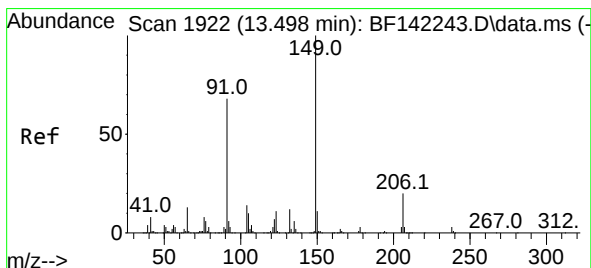
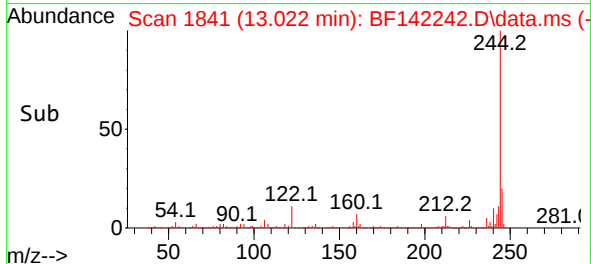
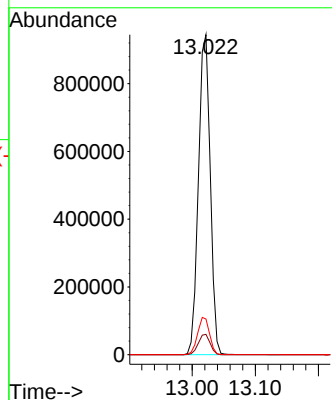
#79
 Terphenyl-d14
 Concen: 41.357 ng
 RT: 13.022 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF142242.D
 Acq: 30 Apr 2025 12:49

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1223735

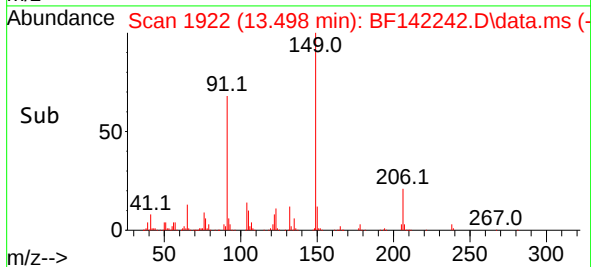
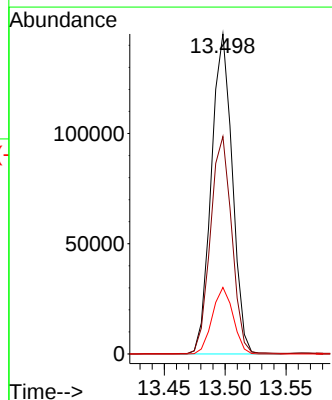
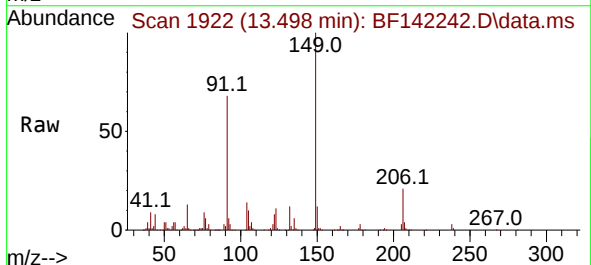
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	11.1	9.1	13.7

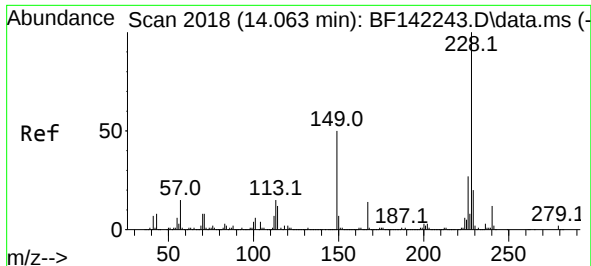


#80
 Butylbenzylphthalate
 Concen: 18.529 ng
 RT: 13.498 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF142242.D
 Acq: 30 Apr 2025 12:49

Tgt Ion:149 Resp: 174268

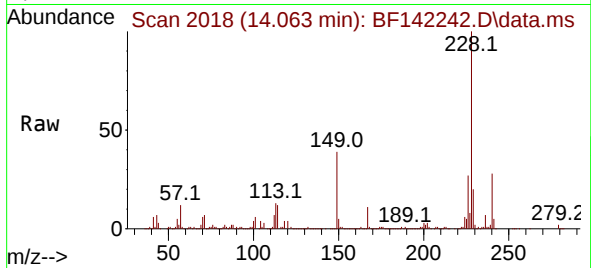
Ion	Ratio	Lower	Upper
149	100		
91	67.9	54.4	81.6
206	20.8	15.9	23.9



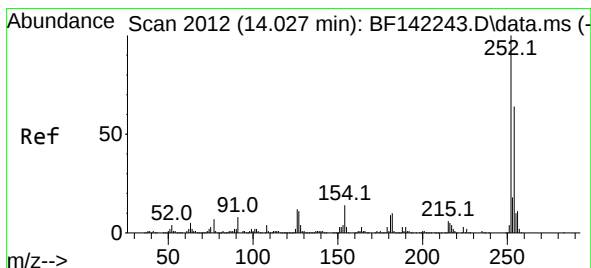
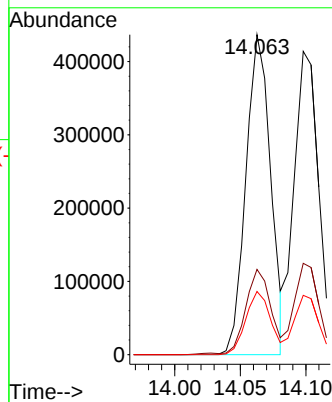
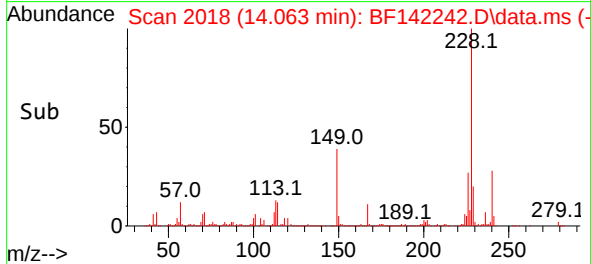


#81
Benzo(a)anthracene
Concen: 19.849 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

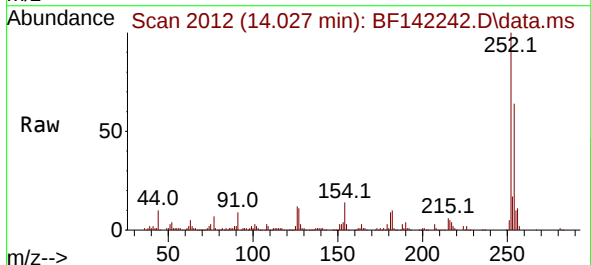
Instrument :
BNA_F
ClientSampleId :



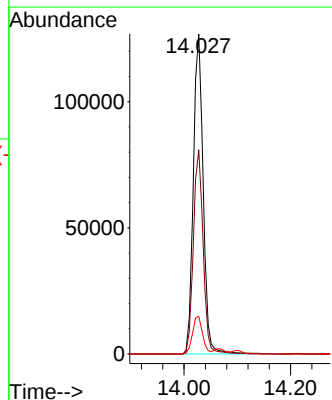
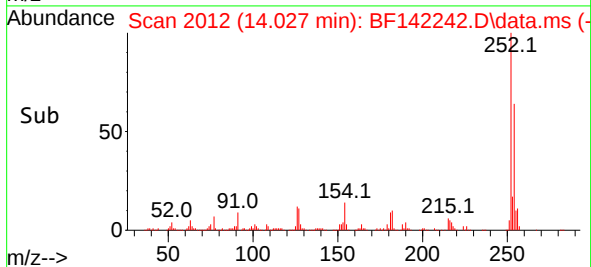
Tgt Ion:228 Resp: 573438
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.7 16.0 24.0

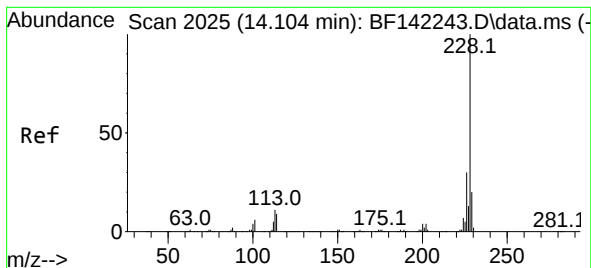


#82
3,3'-Dichlorobenzidine
Concen: 19.251 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



Tgt Ion:252 Resp: 163359
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.6
126 11.8 9.4 14.2





#83

Chrysene

Concen: 20.435 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

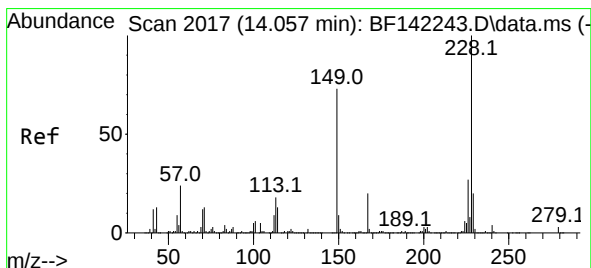
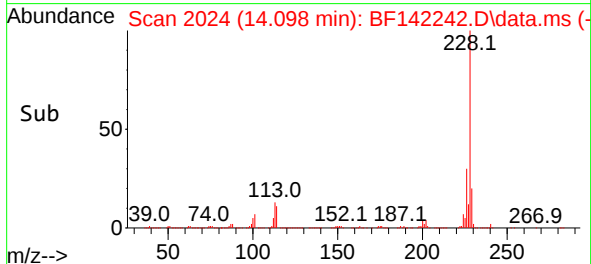
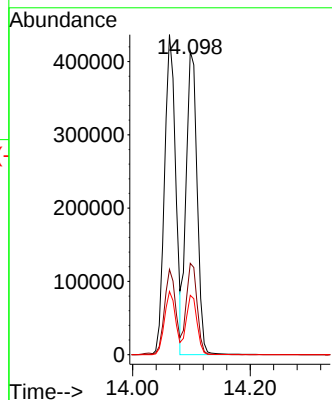
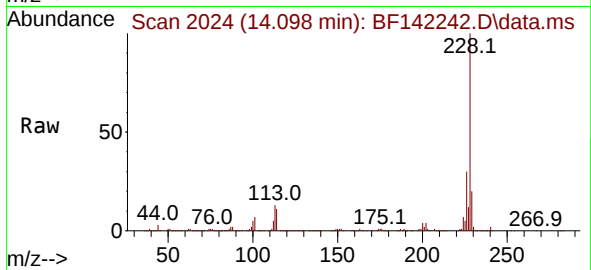
Tgt Ion:228 Resp: 537388

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.042 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

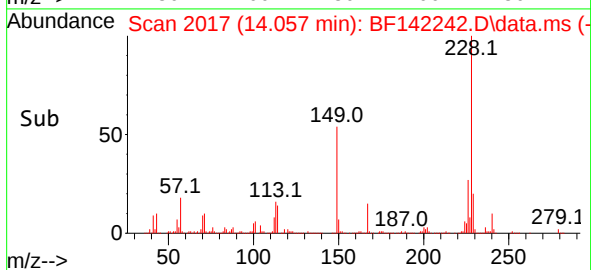
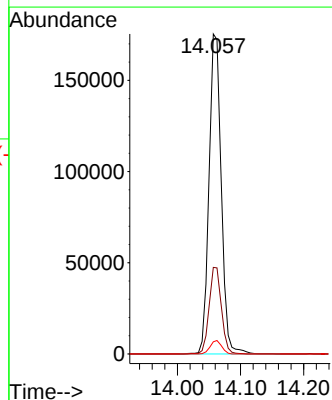
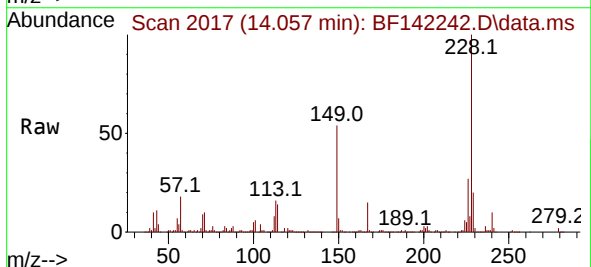
Tgt Ion:149 Resp: 236325

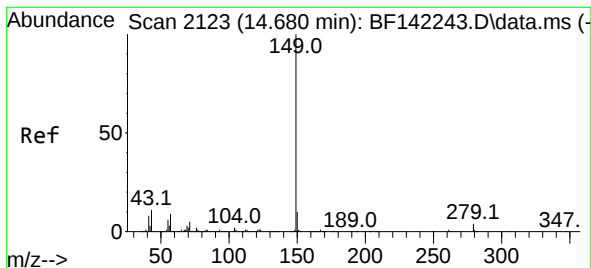
Ion Ratio Lower Upper

149 100

167 27.1 21.7 32.5

279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 17.998 ng

RT: 14.674 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

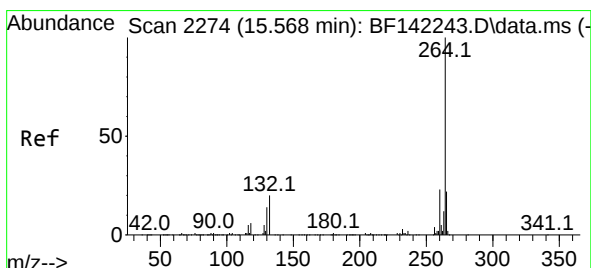
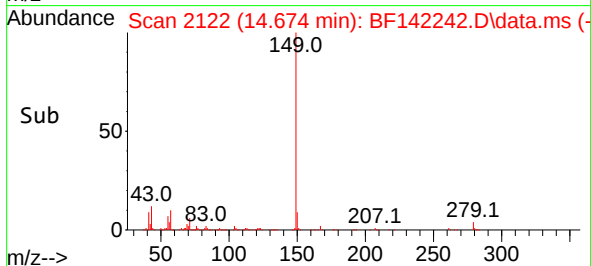
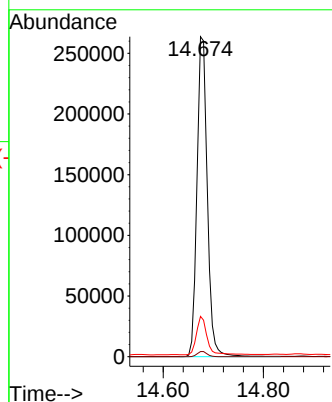
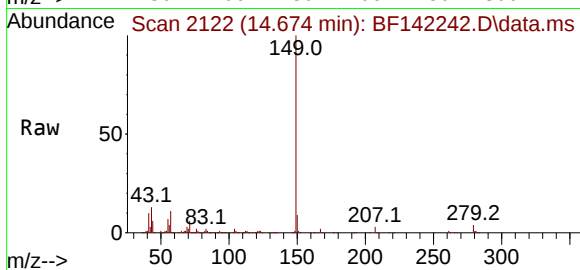
Tgt Ion:149 Resp: 376362

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.4 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.569 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

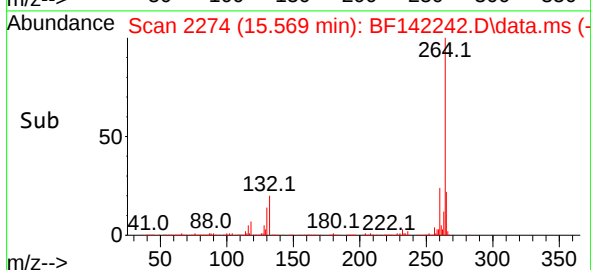
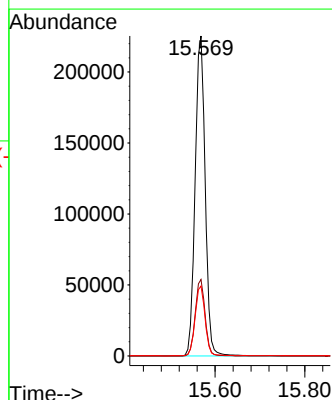
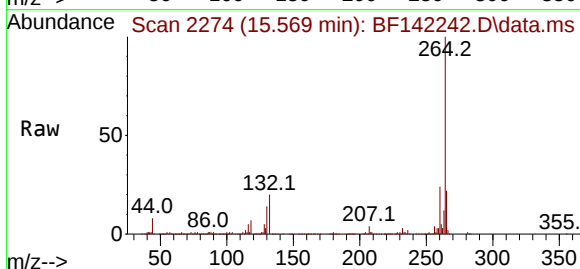
Tgt Ion:264 Resp: 350840

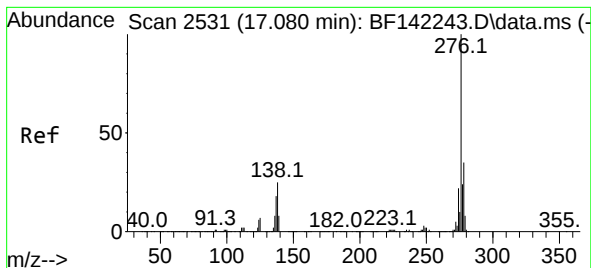
Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.021 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

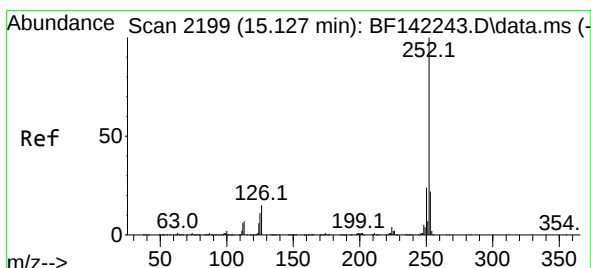
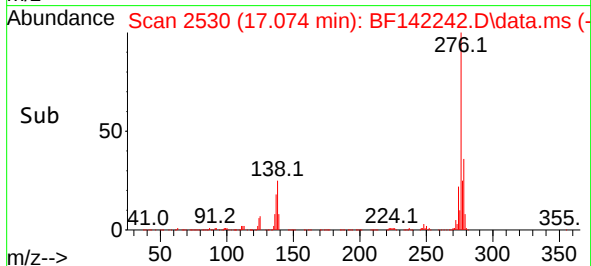
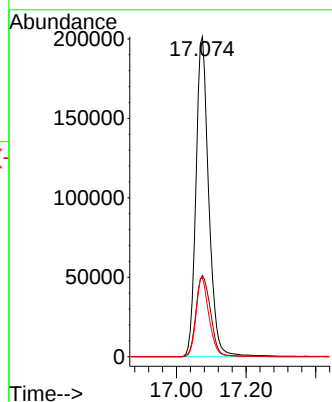
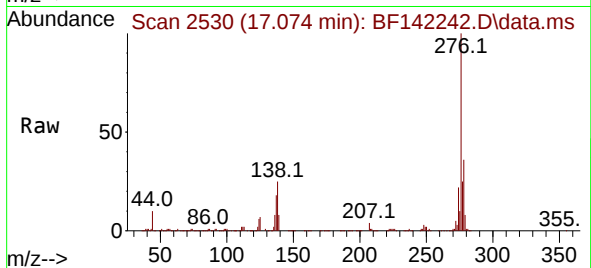
Tgt Ion:276 Resp: 514496

Ion Ratio Lower Upper

276 100

138 28.9 22.6 33.8

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 19.442 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

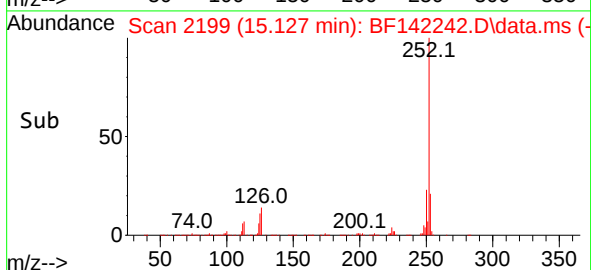
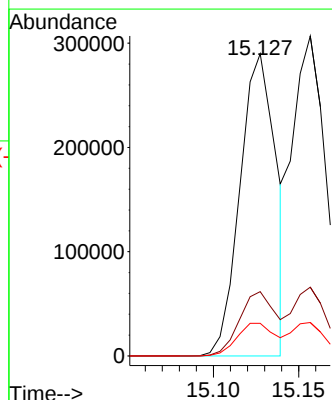
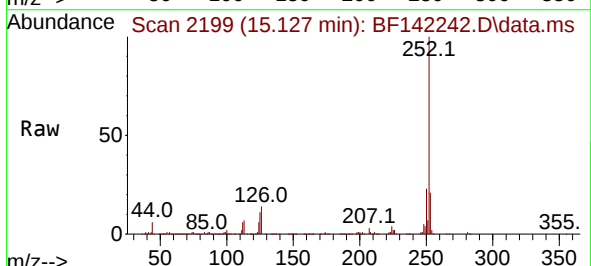
Tgt Ion:252 Resp: 423694

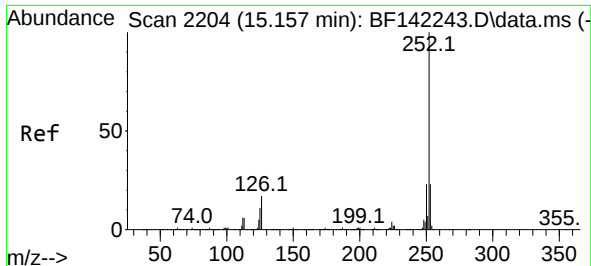
Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 10.8 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 21.504 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

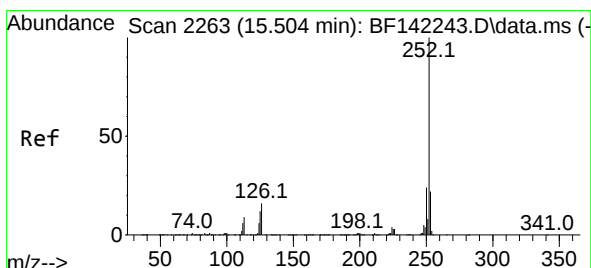
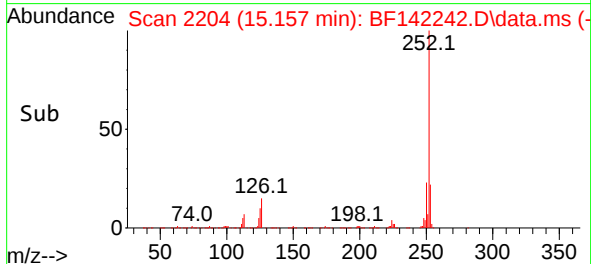
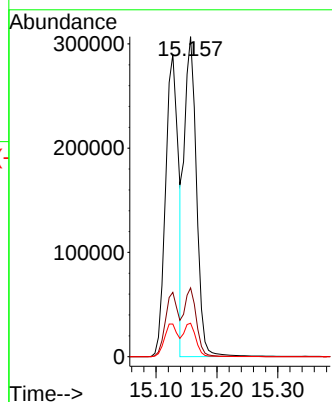
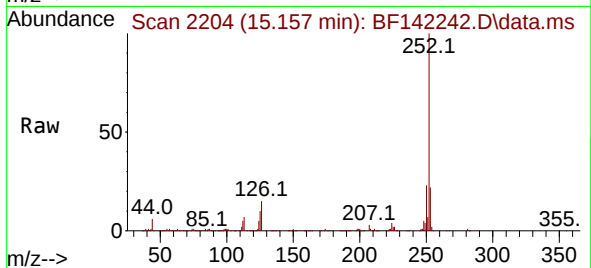
Tgt Ion:252 Resp: 428646

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 10.5 9.0 13.6



#90

Benzo(a)pyrene

Concen: 20.154 ng

RT: 15.504 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

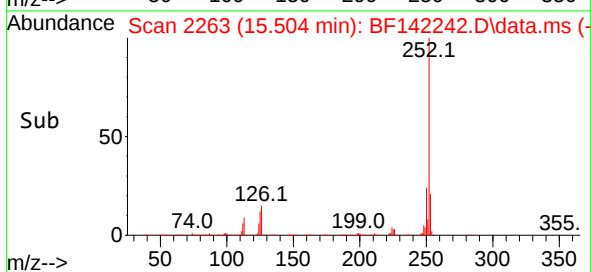
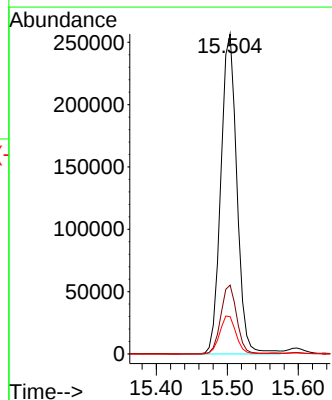
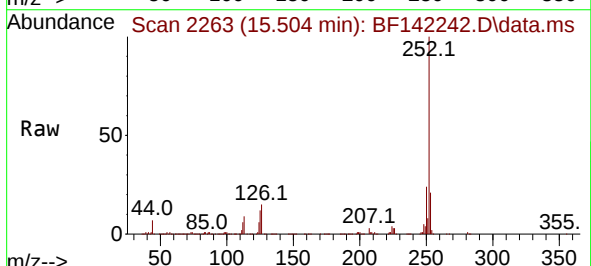
Tgt Ion:252 Resp: 402101

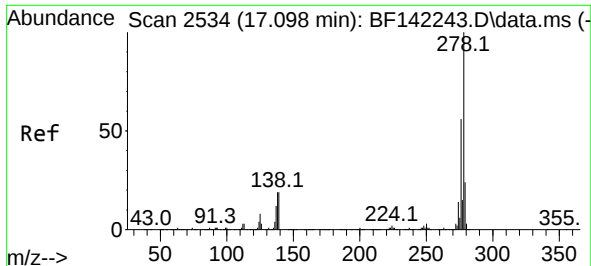
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 11.7 9.5 14.3

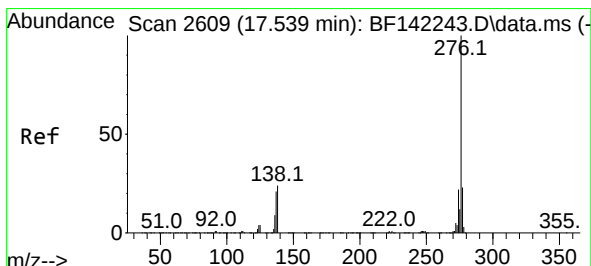
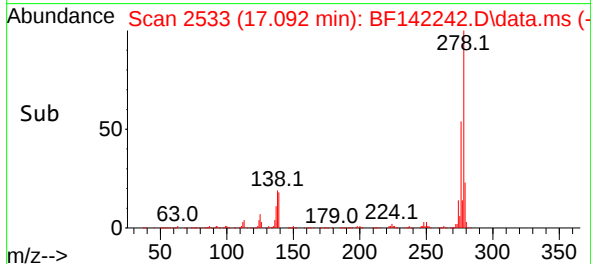
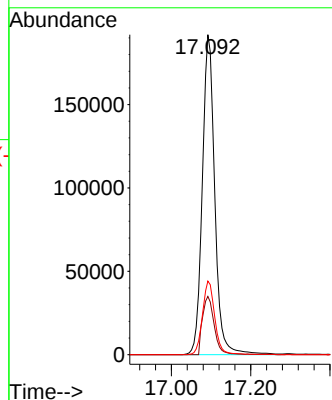
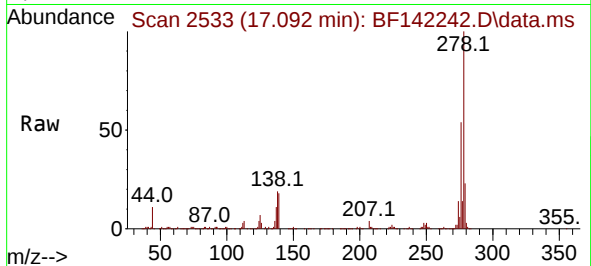




#91
Dibenzo(a,h)anthracene
Concen: 20.139 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 420029
Ion Ratio Lower Upper
278 100
139 18.2 15.2 22.8
279 23.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 20.150 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.012 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:276 Resp: 422497
Ion Ratio Lower Upper
276 100
277 23.3 18.7 28.1
138 24.4 19.4 29.0

