

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142065.D
 Acq On : 24 Mar 2025 20:22
 Operator : RC/JU
 Sample : Q1626-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 21:20:36 2025
 Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	114525	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	389746	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	183781	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	306039	20.000	ng	0.00
76) Chrysene-d12	14.045	240	273085	20.000	ng	0.00
86) Perylene-d12	15.521	264	196549	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	701446	102.221	ng	0.00
7) Phenol-d6	6.504	99	822505	94.141	ng	0.00
23) Nitrobenzene-d5	7.439	82	534938	77.240	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	263746	113.123	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1014501	83.951	ng	-0.01
79) Terphenyl-d14	12.980	244	1277960	69.187	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	136742	47.559	ng	97
3) Pyridine	3.457	79	345008	48.918	ng	98
4) n-Nitrosodimethylamine	3.404	42	171640	51.054	ng	98
6) Aniline	6.540	93	265735	30.832	ng	98
8) 2-Chlorophenol	6.663	128	395082	51.912	ng	97
9) Benzaldehyde	6.428	77	267125	54.668	ng	98
10) Phenol	6.516	94	455397	49.546	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	355195	51.464	ng	97
12) 1,3-Dichlorobenzene	6.816	146	433652	52.779	ng	99
13) 1,4-Dichlorobenzene	6.892	146	442734	53.256	ng	100
14) 1,2-Dichlorobenzene	7.045	146	415384	53.049	ng	98
15) Benzyl Alcohol	7.016	79	334495	47.357	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	371926	44.637	ng	98
17) 2-Methylphenol	7.128	107	293759	48.546	ng	99
18) Hexachloroethane	7.386	117	150183	48.176	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	249694	44.477	ng	99
20) 3+4-Methylphenols	7.281	107	364026	46.966	ng	# 76
22) Acetophenone	7.287	105	519081	55.615	ng	99
24) Nitrobenzene	7.457	77	381768	55.450	ng	98
25) Isophorone	7.692	82	666235	54.421	ng	100
26) 2-Nitrophenol	7.775	139	184718	54.665	ng	98
27) 2,4-Dimethylphenol	7.810	122	326514	70.174	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	407538	53.076	ng	100
29) 2,4-Dichlorophenol	8.016	162	292175	50.590	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	354978	55.774	ng	99
31) Naphthalene	8.181	128	1061406	53.016	ng	99
32) Benzoic acid	7.910	122	169286	41.390	ng	99
33) 4-Chloroaniline	8.228	127	110025	15.568	ng	98
34) Hexachlorobutadiene	8.292	225	240762	58.006	ng	99
35) Caprolactam	8.586	113	81901	46.514	ng	89
36) 4-Chloro-3-methylphenol	8.704	107	291520	45.250	ng	98
37) 2-Methylnaphthalene	8.869	142	605013	45.211	ng	99
38) 1-Methylnaphthalene	8.969	142	614631	47.596	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	335538	59.967	ng	98
41) Hexachlorocyclopentadiene	9.022	237	88995	40.641	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	208290	56.960	ng	99

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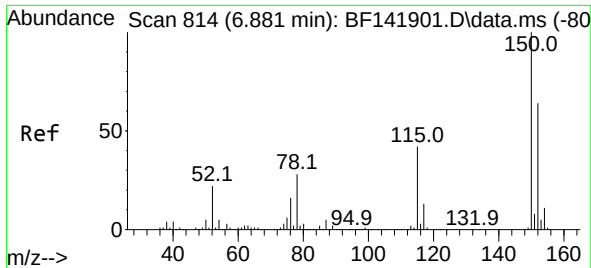
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	203369	54.911	ng	99
46) 1,1'-Biphenyl	9.333	154	796994	57.075	ng	100
47) 2-Chloronaphthalene	9.357	162	589047	56.596	ng	99
48) 2-Nitroaniline	9.451	65	170156	56.464	ng	99
49) Acenaphthylene	9.775	152	905043	58.597	ng	100
50) Dimethylphthalate	9.628	163	726244	56.430	ng	100
51) 2,6-Dinitrotoluene	9.692	165	145269	54.213	ng	94
52) Acenaphthene	9.945	154	561664	51.747	ng	99
53) 3-Nitroaniline	9.863	138	114321	42.059	ng	95
54) 2,4-Dinitrophenol	9.969	184	23126	20.515	ng	# 57
55) Dibenzofuran	10.116	168	806473	51.999	ng	99
56) 4-Nitrophenol	10.022	139	230957	112.673	ng	96
57) 2,4-Dinitrotoluene	10.098	165	190759	54.505	ng	96
58) Fluorene	10.463	166	647274	54.119	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	178720	53.030	ng	98
60) Diethylphthalate	10.327	149	686498	53.496	ng	99
61) 4-Chlorophenyl-phenylether	10.451	204	328761	52.724	ng	98
62) 4-Nitroaniline	10.475	138	126955	47.976	ng	97
63) Azobenzene	10.610	77	615284	51.571	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	20102	11.018	ng	96
66) n-Nitrosodiphenylamine	10.569	169	538430	54.367	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	204743	53.270	ng	96
68) Hexachlorobenzene	11.010	284	239684	56.859	ng	95
69) Atrazine	11.098	200	195449	64.377	ng	98
70) Pentachlorophenol	11.204	266	317995	122.435	ng	99
71) Phenanthrene	11.427	178	1223680	74.027	ng	99
72) Anthracene	11.474	178	1033484	62.318	ng	100
73) Carbazole	11.627	167	848995	59.361	ng	100
74) Di-n-butylphthalate	11.957	149	1063166	56.023	ng	99
75) Fluoranthene	12.616	202	1652559	94.245	ng	99
77) Benzidine	12.733	184	95209	24.989	ng	# 94
78) Pyrene	12.845	202	1650947	69.890	ng	99
80) Butylbenzylphthalate	13.457	149	483816	52.328	ng	100
81) Benzo(a)anthracene	14.033	228	1304237	72.781	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	132881	25.660	ng	99
83) Chrysene	14.068	228	1144339	70.448	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	757628	59.431	ng	99
85) Di-n-octyl phthalate	14.627	149	1051613	59.288	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	733112	57.660	ng	# 95
88) Benzo(b)fluoranthene	15.086	252	1055801	78.378	ng	98
89) Benzo(k)fluoranthene	15.115	252	713413	61.886	ng	98
90) Benzo(a)pyrene	15.457	252	794301	75.359	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	507392	48.367	ng	99
92) Benzo(g,h,i)perylene	17.468	276	607171	58.570	ng	96

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

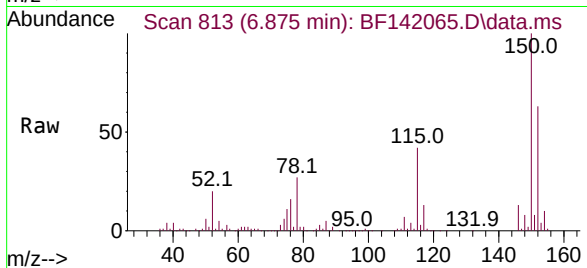
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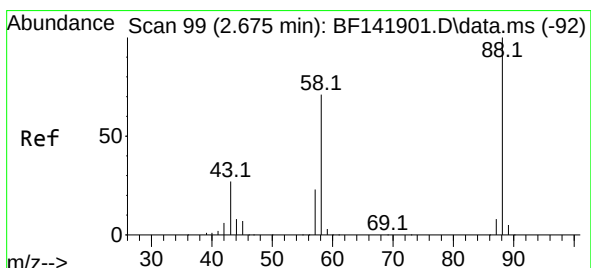
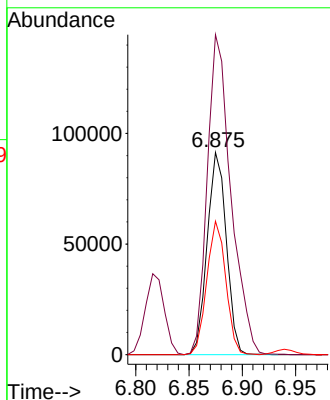
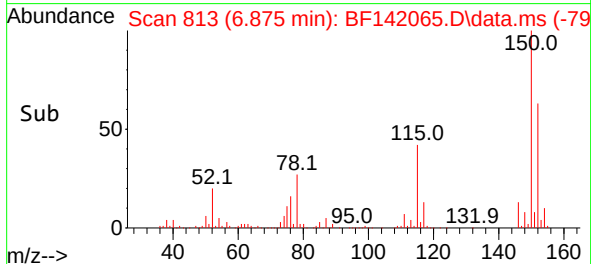


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF142065.D
 Acq: 24 Mar 2025 20:22

Instrument :
 BNA_F
 ClientSampleId :

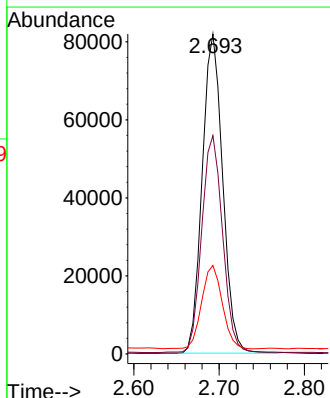
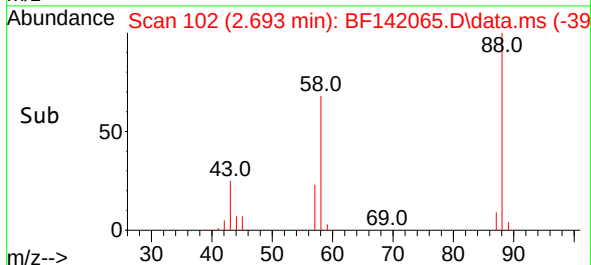
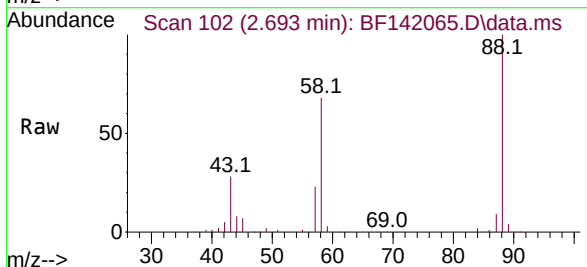


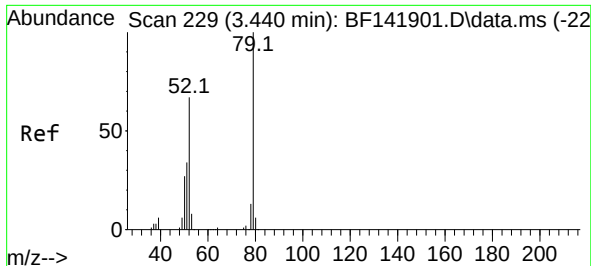
Tgt Ion:152 Resp: 114525
 Ion Ratio Lower Upper
 152 100
 150 158.2 127.4 191.2
 115 65.9 51.9 77.9



#2
 1,4-Dioxane
 Concen: 47.559 ng
 RT: 2.693 min Scan# 102
 Delta R.T. 0.018 min
 Lab File: BF142065.D
 Acq: 24 Mar 2025 20:22

Tgt Ion: 88 Resp: 136742
 Ion Ratio Lower Upper
 88 100
 58 69.3 57.4 86.2
 43 26.2 21.5 32.3





#3

Pyridine

Concen: 48.918 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

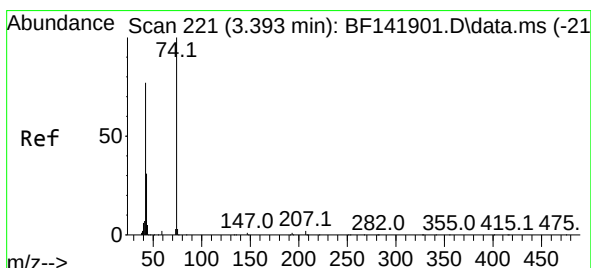
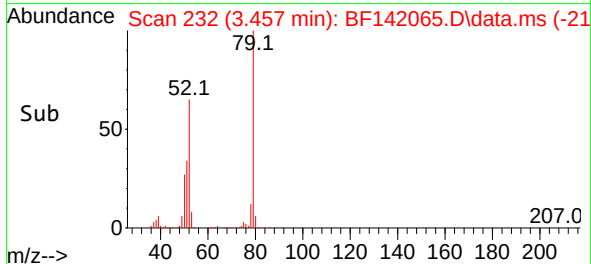
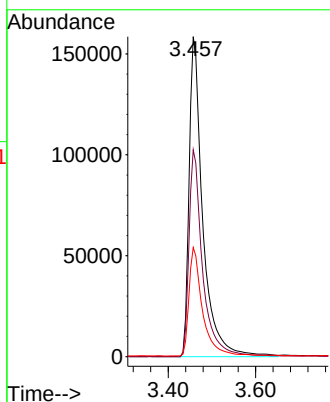
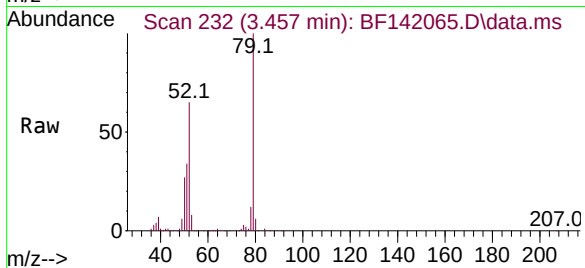
Tgt Ion: 79 Resp: 345008

Ion Ratio Lower Upper

79 100

52 64.6 53.3 79.9

51 34.1 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 51.054 ng

RT: 3.404 min Scan# 223

Delta R.T. 0.012 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

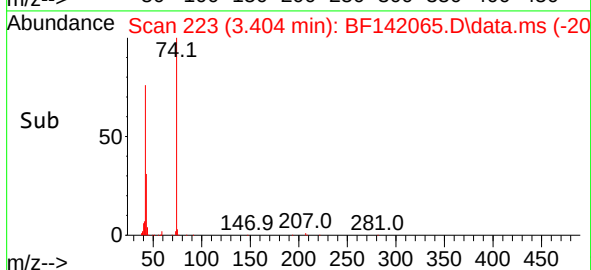
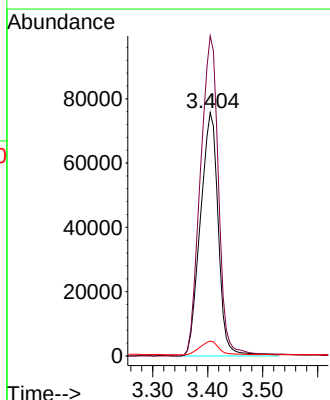
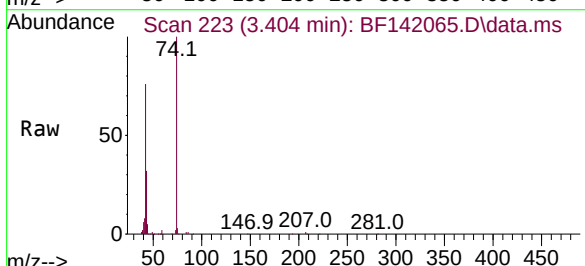
Tgt Ion: 42 Resp: 171640

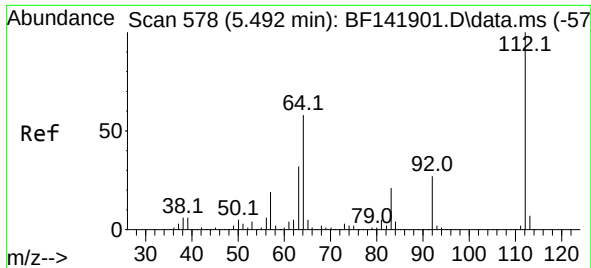
Ion Ratio Lower Upper

42 100

74 131.5 103.4 155.0

44 6.1 5.0 7.4

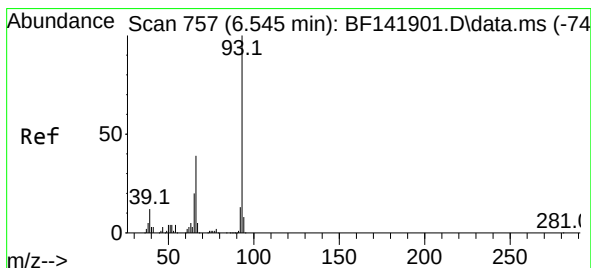
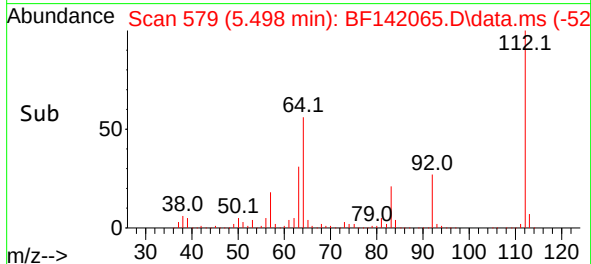
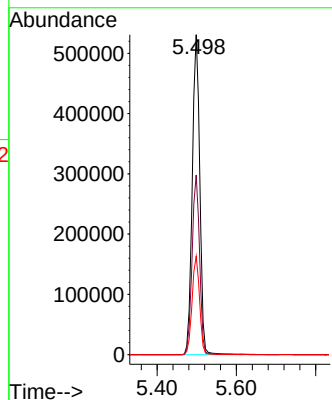
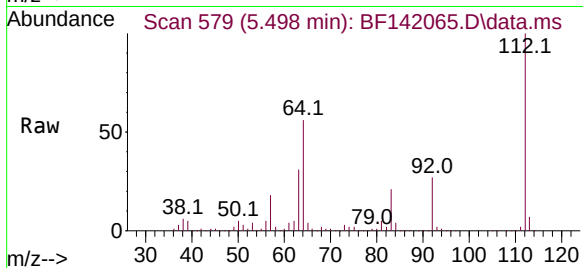




#5
2-Fluorophenol
Concen: 102.221 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

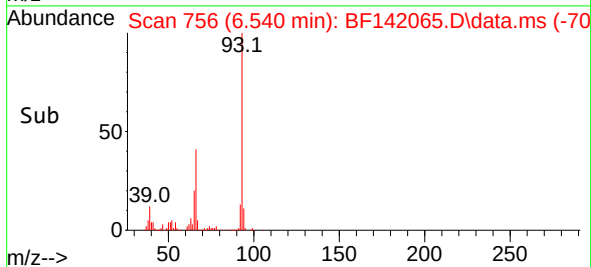
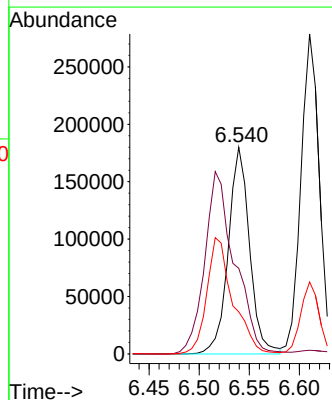
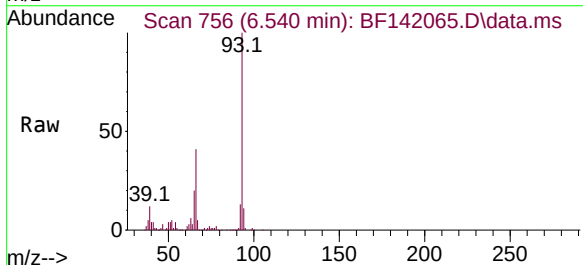
Instrument :
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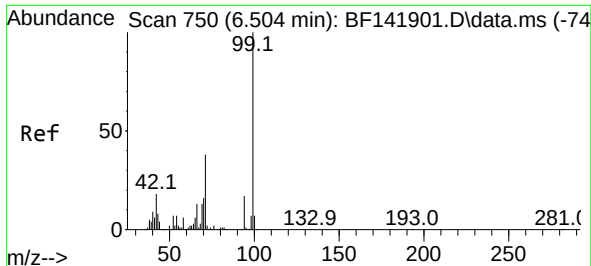
Tgt Ion:112 Resp: 701446
Ion Ratio Lower Upper
112 100
64 56.1 46.5 69.7
63 30.7 25.4 38.2



#6
Aniline
Concen: 30.832 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion: 93 Resp: 265735
Ion Ratio Lower Upper
93 100
66 41.4 31.9 47.9
65 20.3 15.8 23.6

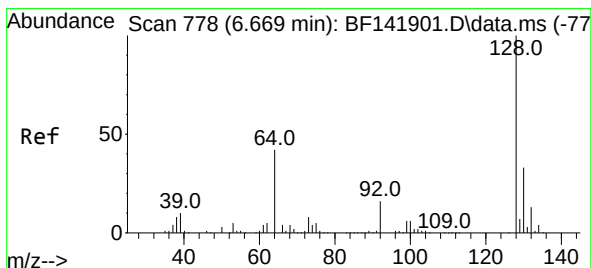
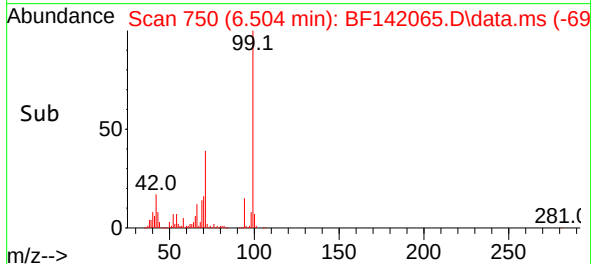
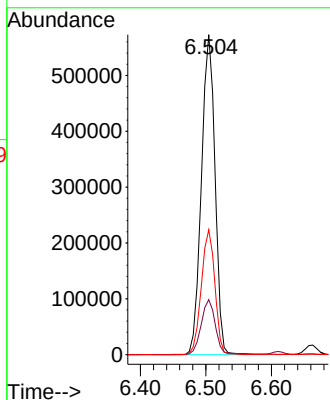
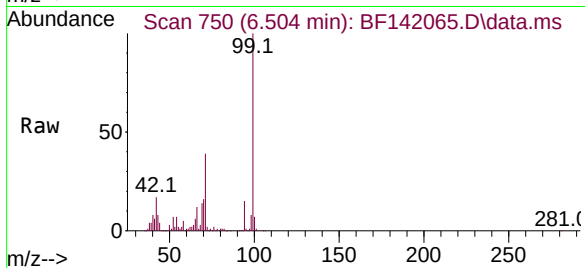




#7
Phenol-d6
Concen: 94.141 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

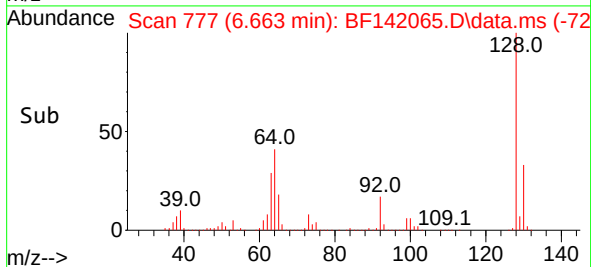
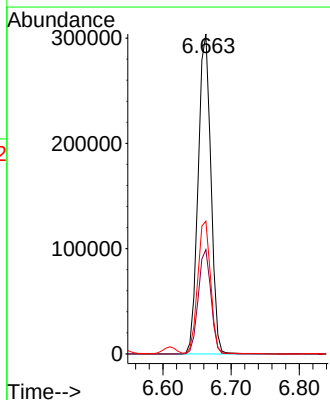
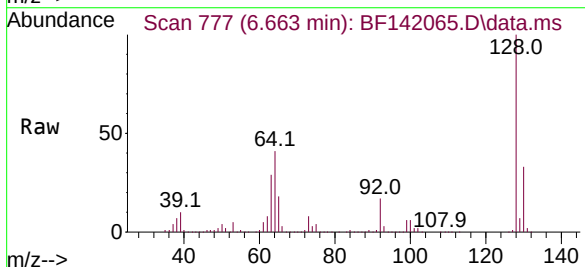
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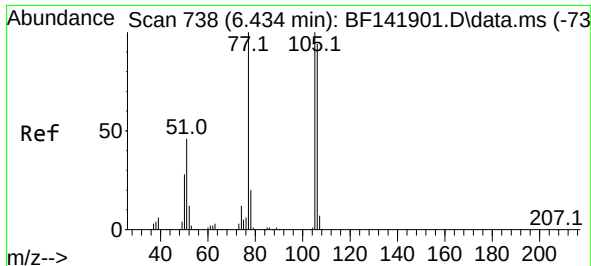
Tgt Ion: 99 Resp: 822505
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 39.0 30.8 46.2



#8
2-Chlorophenol
Concen: 51.912 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion:128 Resp: 395082
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 41.5 24.4 64.4

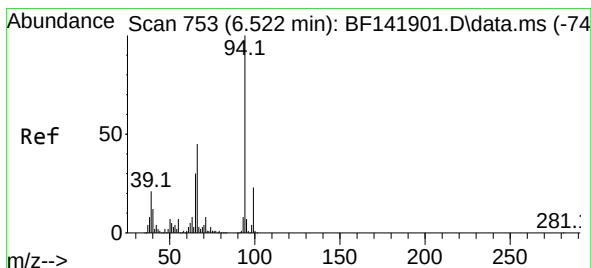
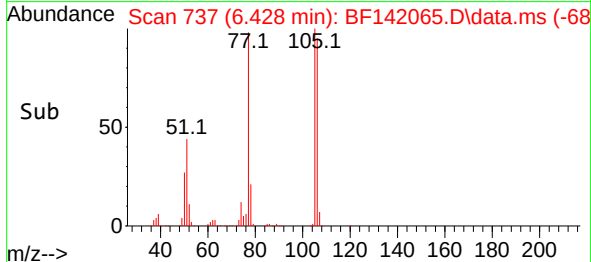
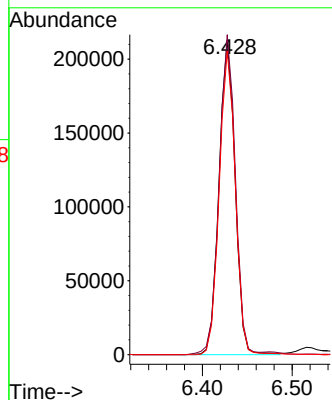
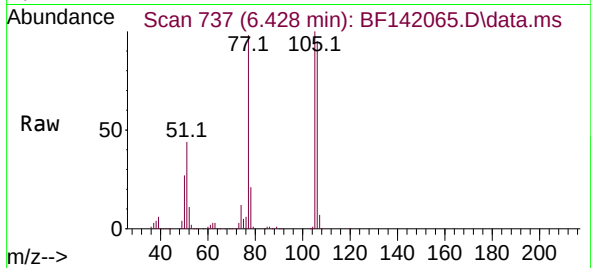




#9
Benzaldehyde
Concen: 54.668 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

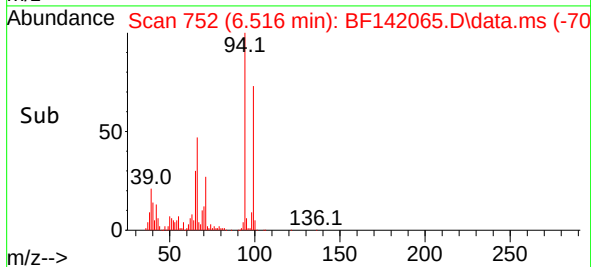
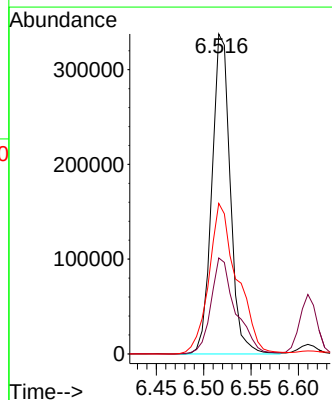
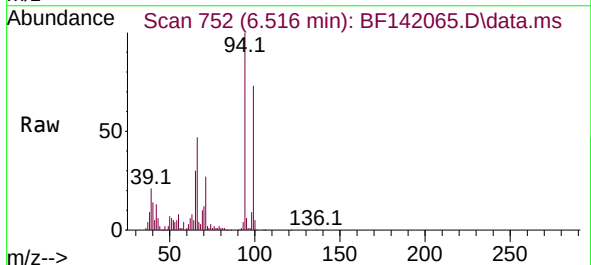
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BNA_F
ClientSampleId :

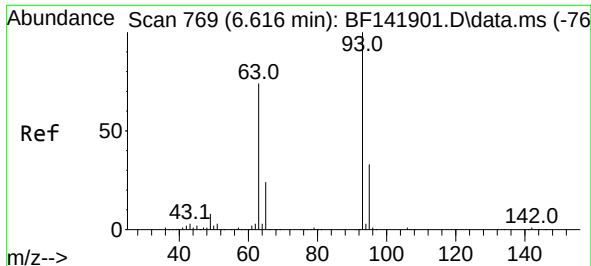
Tgt Ion: 77 Resp: 267125
Ion Ratio Lower Upper
77 100
105 101.7 80.0 120.0
106 96.5 74.5 114.5



#10
Phenol
Concen: 49.546 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion: 94 Resp: 455397
Ion Ratio Lower Upper
94 100
65 30.0 10.5 50.5
66 47.0 25.8 65.8

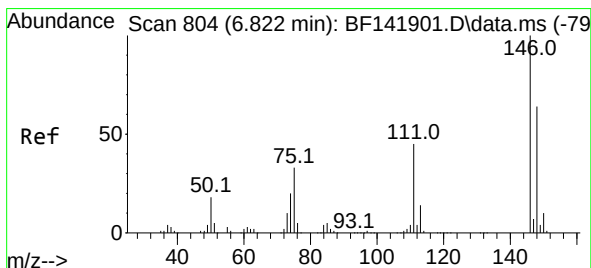
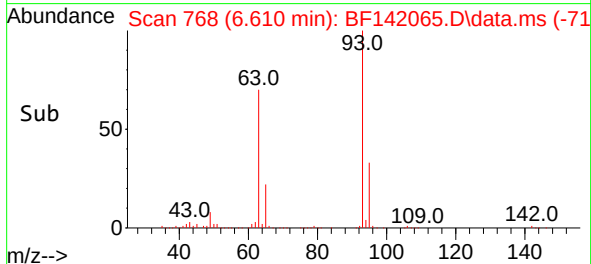
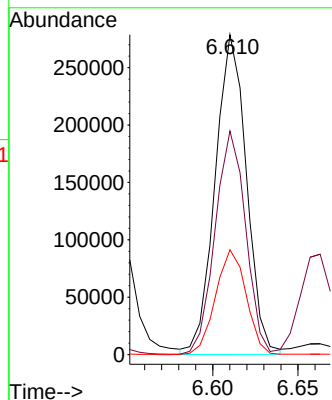
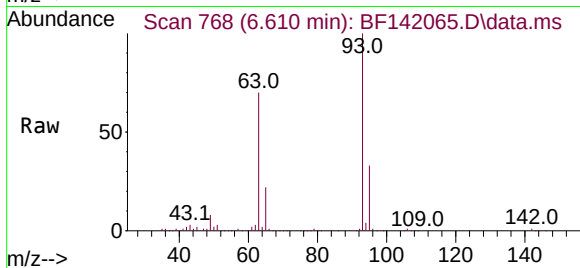




#11
bis(2-Chloroethyl)ether
Concen: 51.464 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

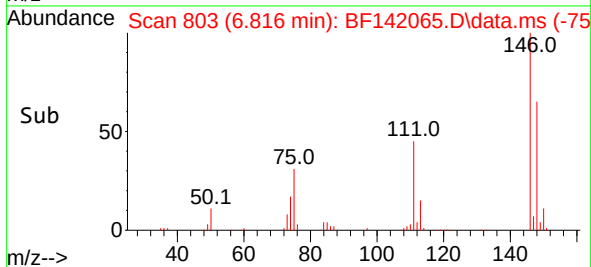
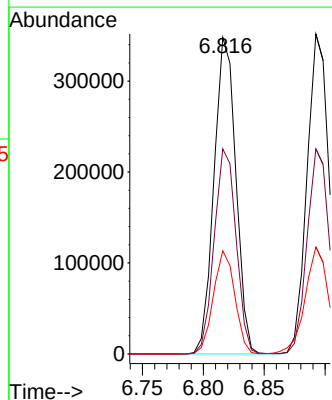
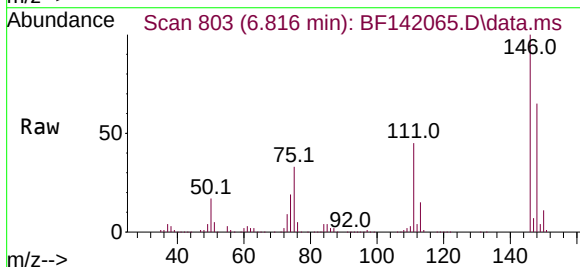
Instrument :
BNA_F
ClientSampleId :

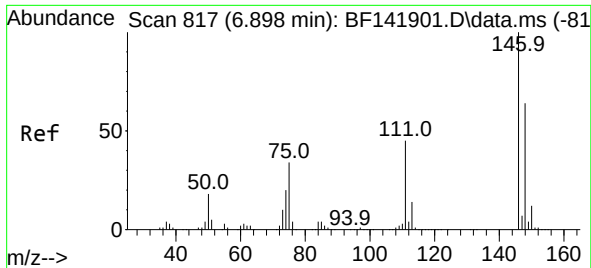
Tgt Ion: 93 Resp: 355195
Ion Ratio Lower Upper
93 100
63 69.9 53.0 93.0
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 52.779 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion:146 Resp: 433652
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
75 32.6 26.6 40.0

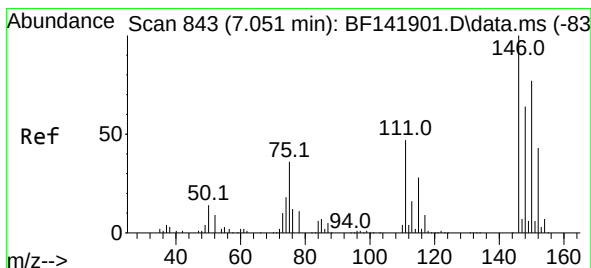
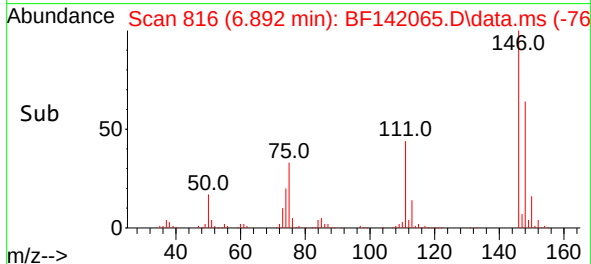
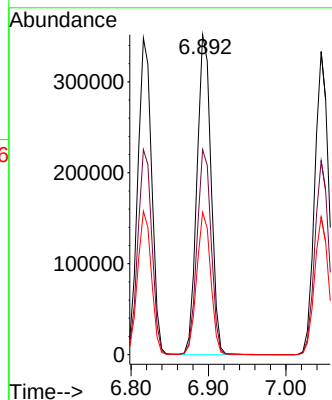
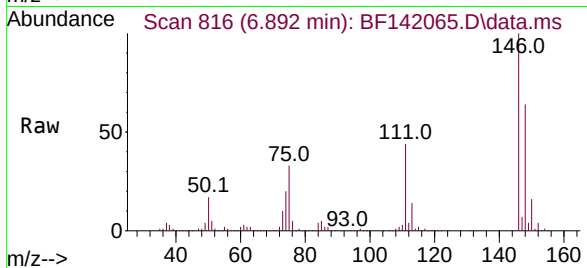




#13
1,4-Dichlorobenzene
Concen: 53.256 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

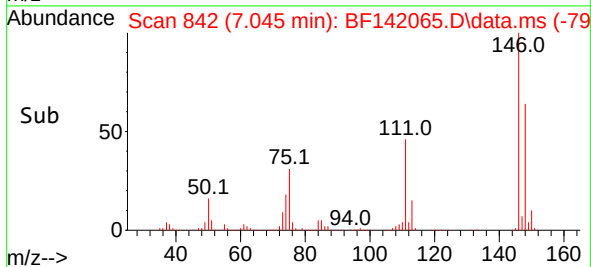
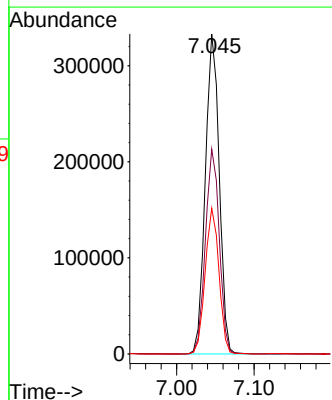
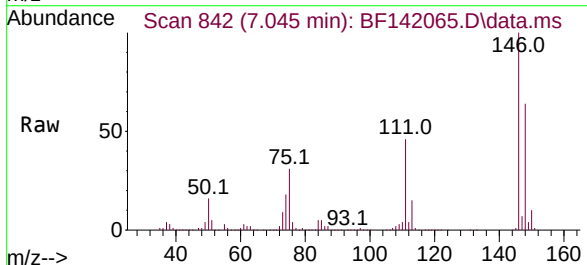
Instrument :
BNA_F
ClientSampleId :

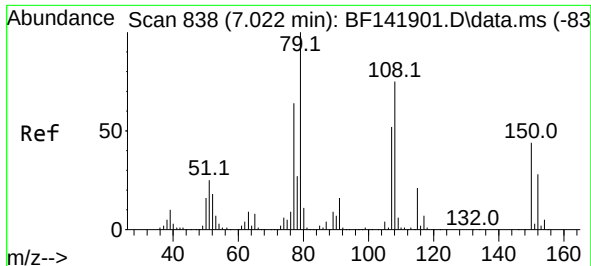
Tgt Ion:146 Resp: 442734
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 44.5 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 53.049 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion:146 Resp: 415384
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 45.5 38.0 57.0





#15

Benzyl Alcohol

Concen: 47.357 ng

RT: 7.016 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

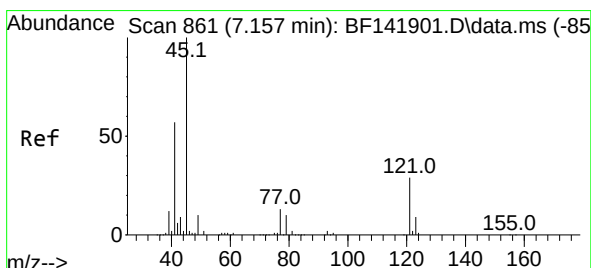
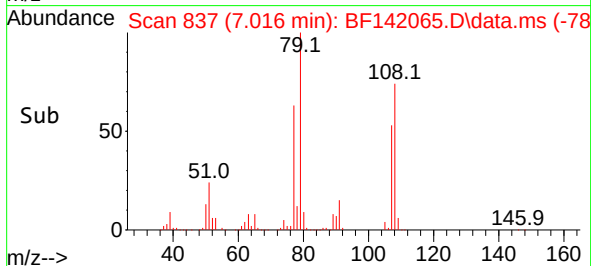
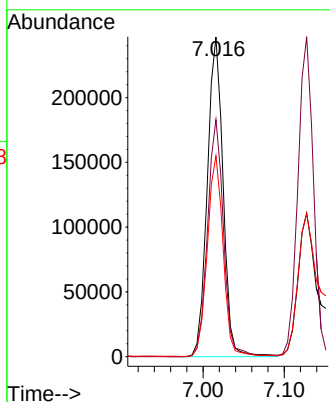
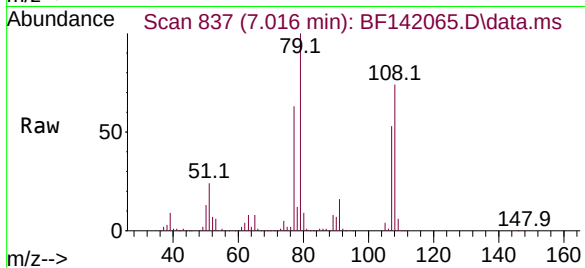
Tgt Ion: 79 Resp: 334495

Ion Ratio Lower Upper

79 100

108 74.2 59.7 89.5

77 62.8 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.637 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

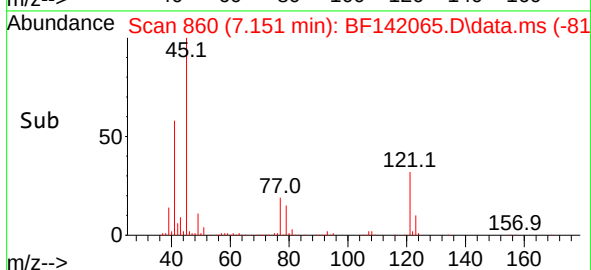
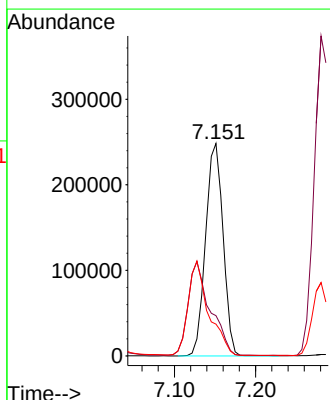
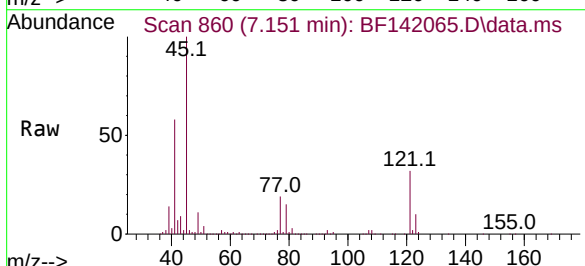
Tgt Ion: 45 Resp: 371926

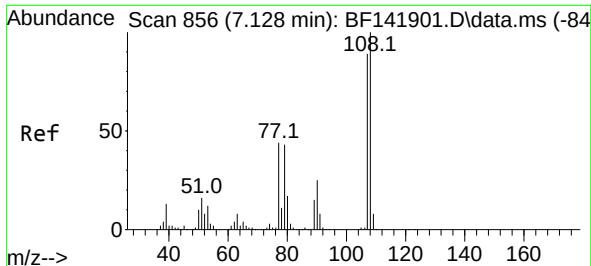
Ion Ratio Lower Upper

45 100

77 18.9 0.0 37.8

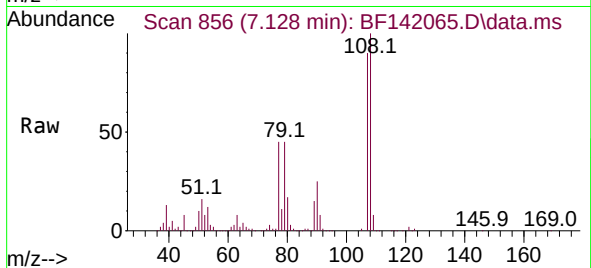
79 14.9 0.0 34.2



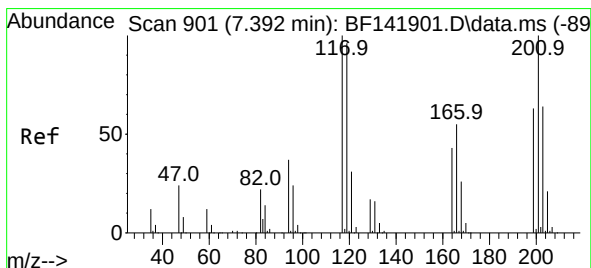
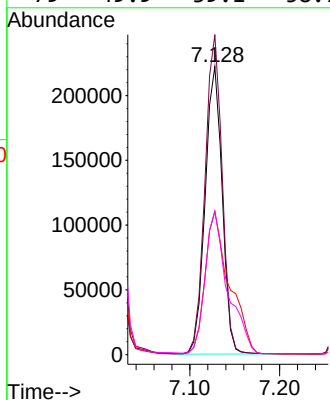
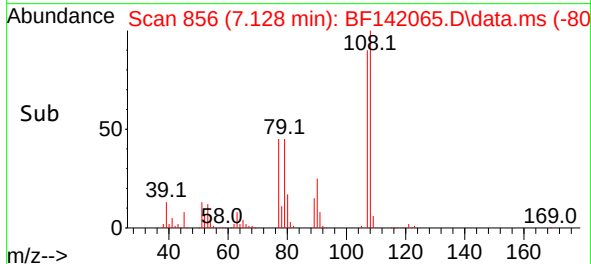


#17
2-Methylphenol
Concen: 48.546 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Instrument :
BNA_F
ClientSampleId :

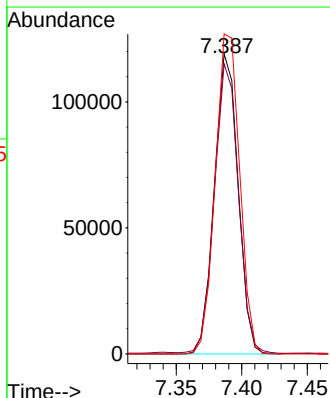
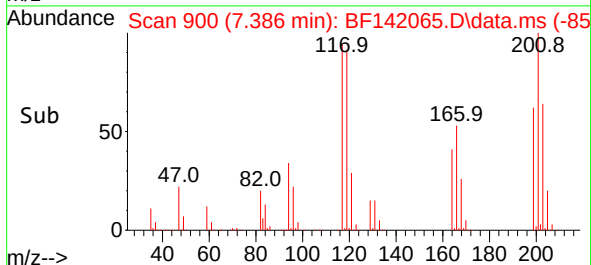
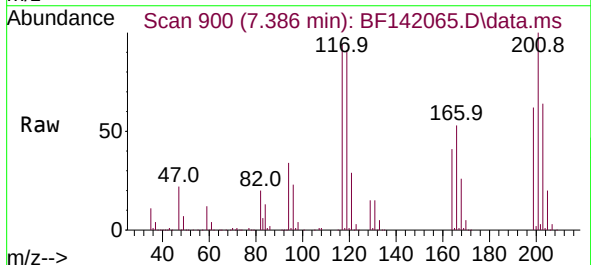


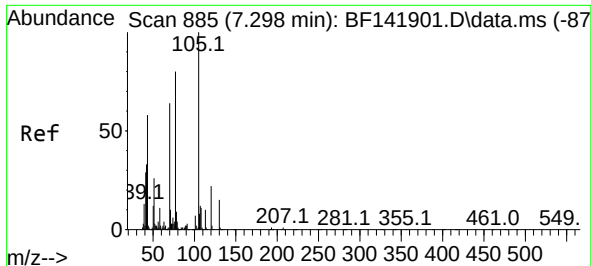
Tgt Ion:	107	Resp:	293759
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.2	135.2
77	49.6	39.6	59.4
79	49.9	39.1	58.7



#18
Hexachloroethane
Concen: 48.176 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

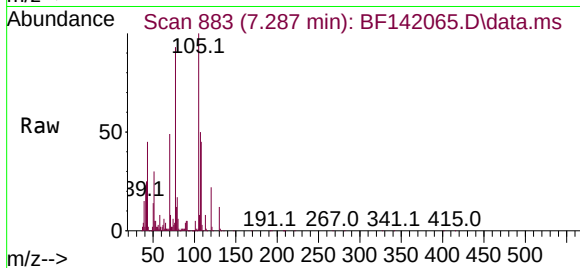
Tgt Ion:	117	Resp:	150183
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.9	115.3
201	106.7	79.9	119.9





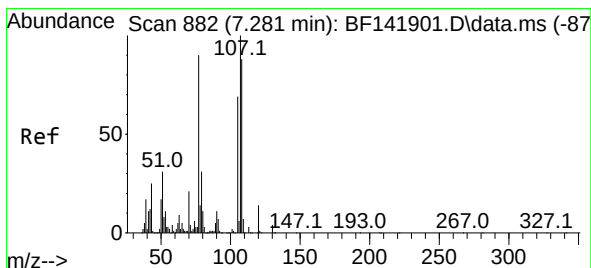
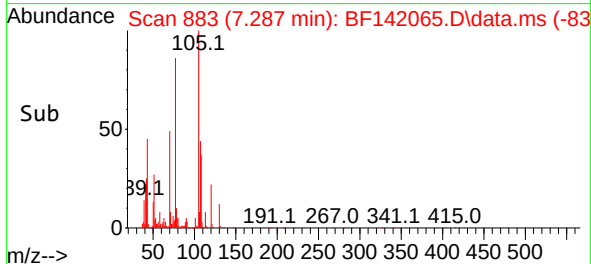
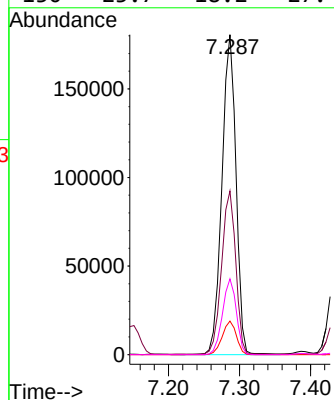
#19
n-Nitroso-di-n-propylamine
Concen: 44.477 ng
RT: 7.287 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 70 Resp: 249694

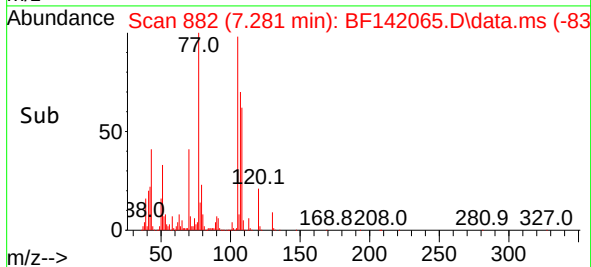
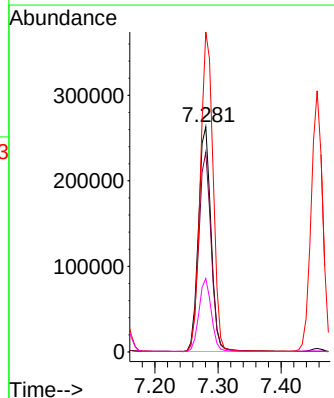
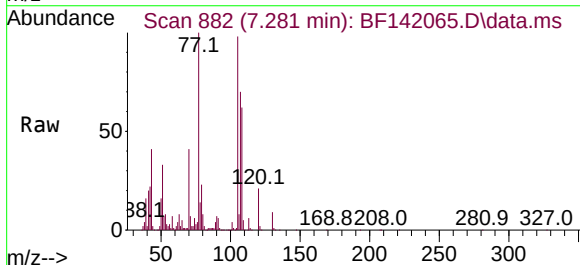
Ion	Ratio	Lower	Upper
70	100		
42	51.1	41.4	62.0
101	10.5	8.2	12.2
130	23.7	18.2	27.4

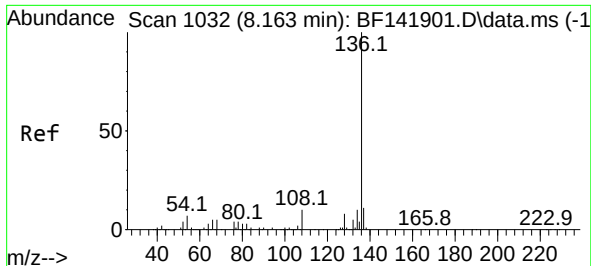


#20
3+4-Methylphenols
Concen: 46.966 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion: 107 Resp: 364026

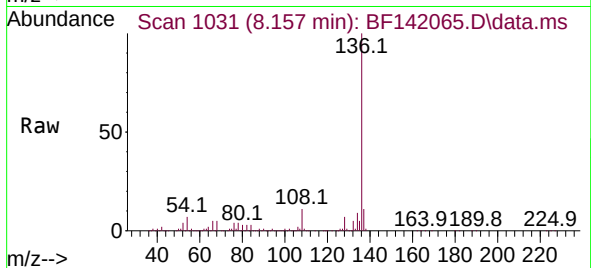
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.4	108.4
77	142.2	69.7	109.7#
79	32.6	11.4	51.4



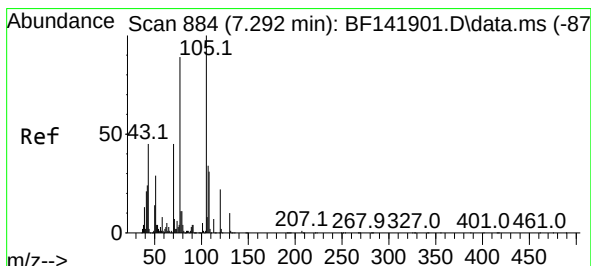
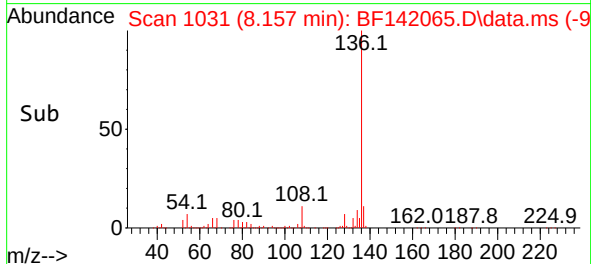
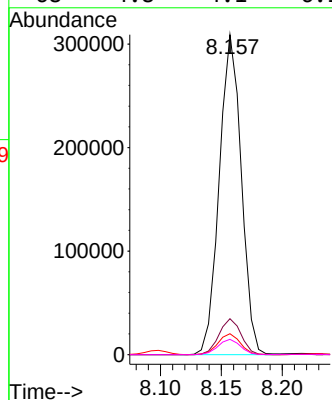


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Instrument :
BNA_F
ClientSampleId :

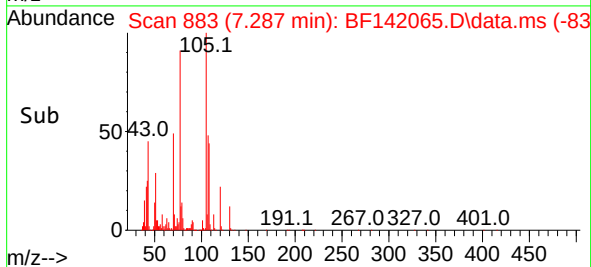
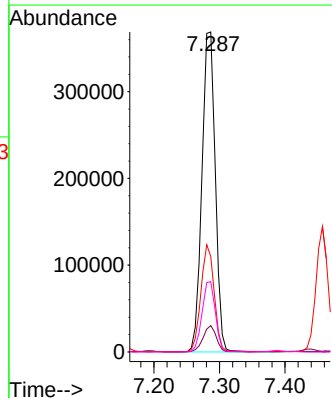
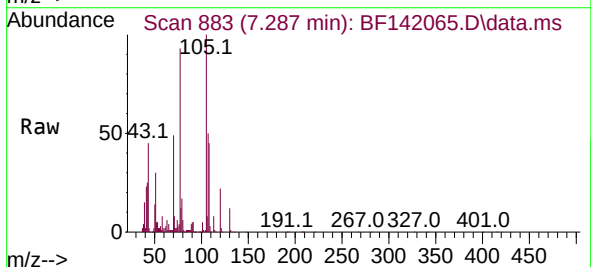


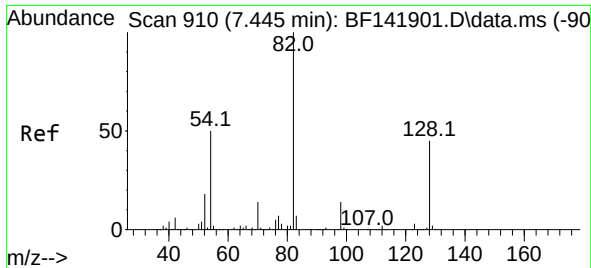
Tgt Ion:	136	Resp:	389746
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	6.5	5.8	8.8
68	4.8	4.1	6.1



#22
Acetophenone
Concen: 55.615 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion:	105	Resp:	519081
Ion Ratio	Lower	Upper	
105	100		
71	8.2	5.8	8.8
51	29.9	23.4	35.0
120	21.9	17.3	25.9

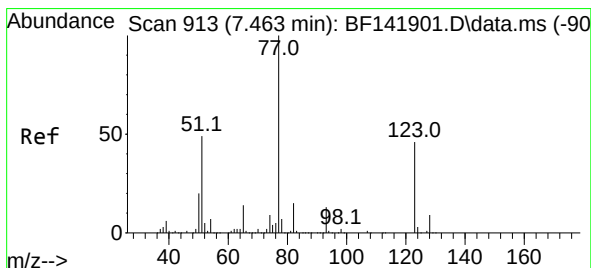
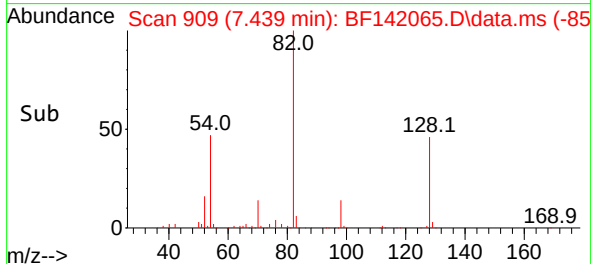
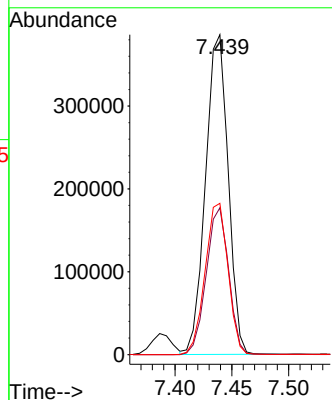
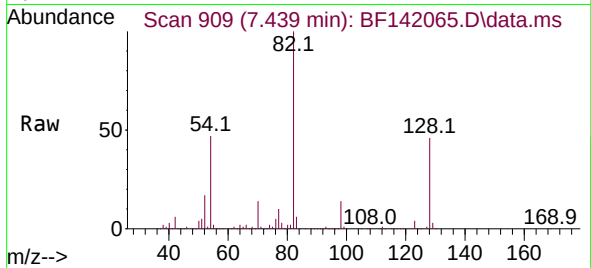




#23
Nitrobenzene-d5
Concen: 77.240 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

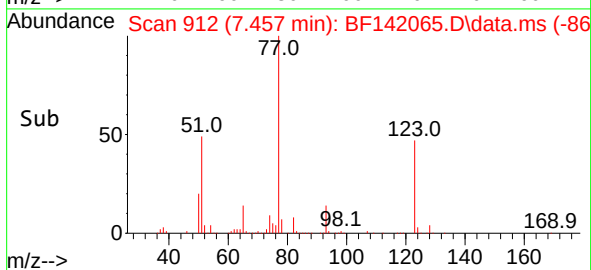
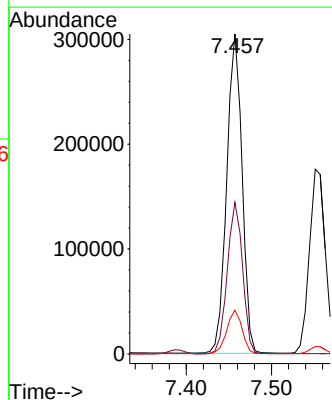
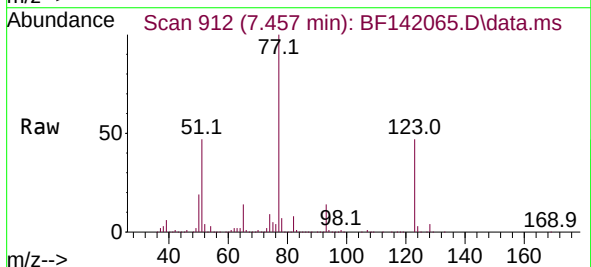
Instrument :
BNA_F
ClientSampleId :

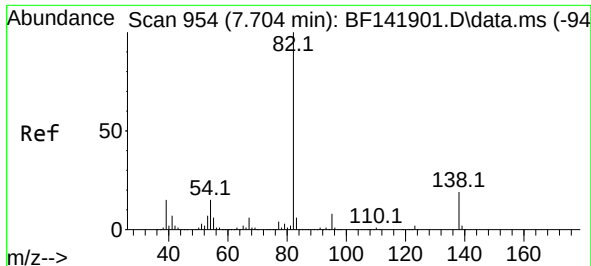
Tgt Ion: 82 Resp: 534938
Ion Ratio Lower Upper
82 100
128 45.9 36.0 54.0
54 47.3 39.6 59.4



#24
Nitrobenzene
Concen: 55.450 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion: 77 Resp: 381768
Ion Ratio Lower Upper
77 100
123 47.3 37.0 55.4
65 13.6 11.3 16.9

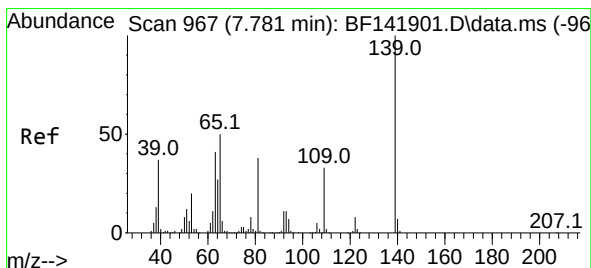
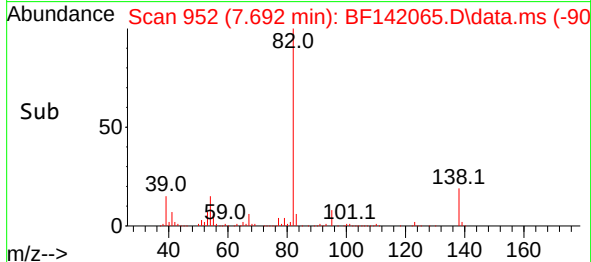
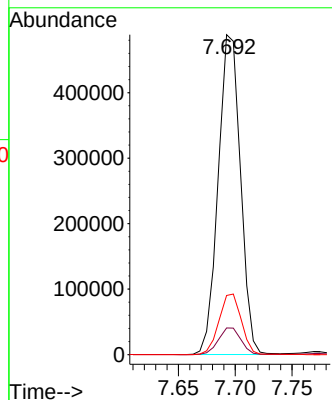
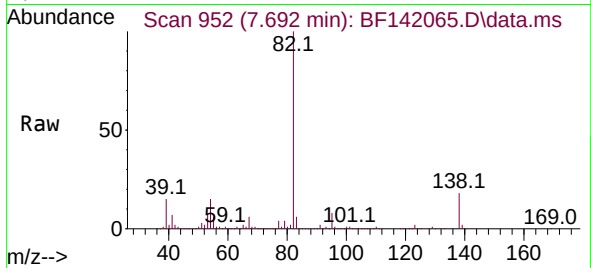




#25
Isophorone
Concen: 54.421 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

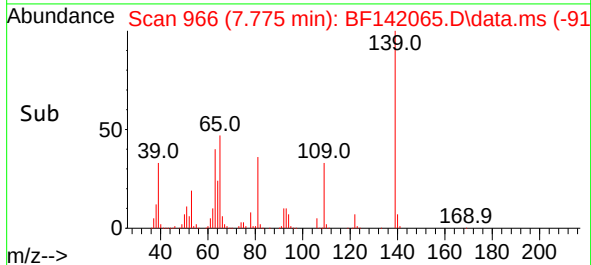
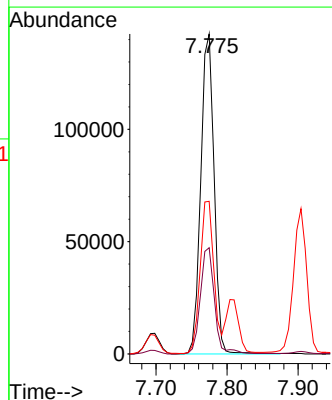
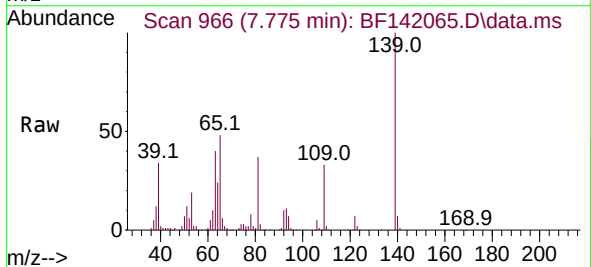
Instrument :
BNA_F
ClientSampleId :

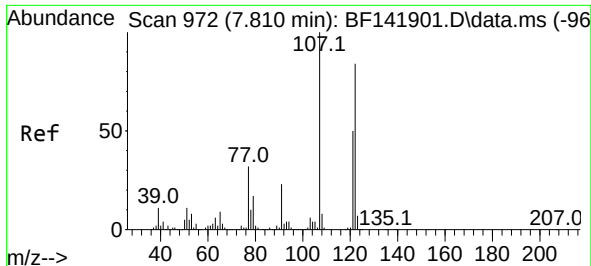
Tgt Ion: 82 Resp: 666235
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 18.5 14.9 22.3



#26
2-Nitrophenol
Concen: 54.665 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion:139 Resp: 184718
Ion Ratio Lower Upper
139 100
109 33.2 26.5 39.7
65 47.7 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 70.174 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

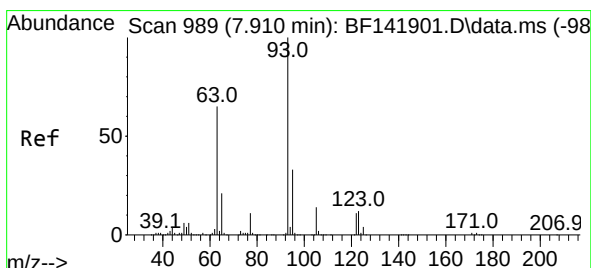
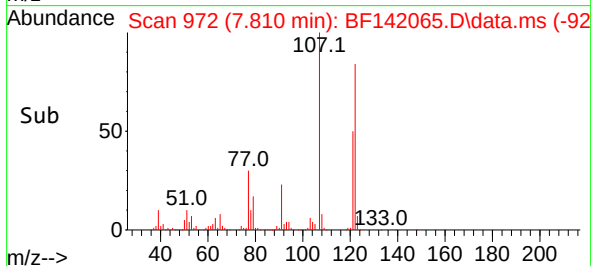
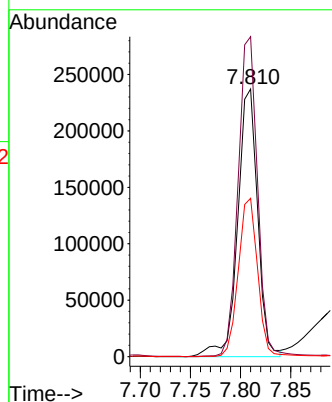
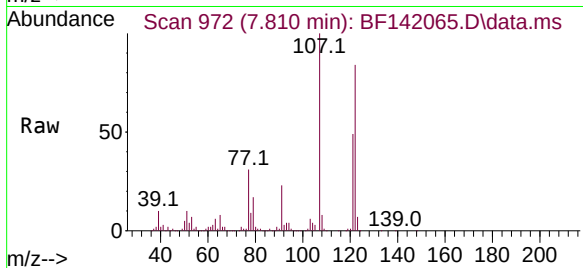
Tgt Ion:122 Resp: 326514

Ion Ratio Lower Upper

122 100

107 119.6 94.8 142.2

121 59.2 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 53.076 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

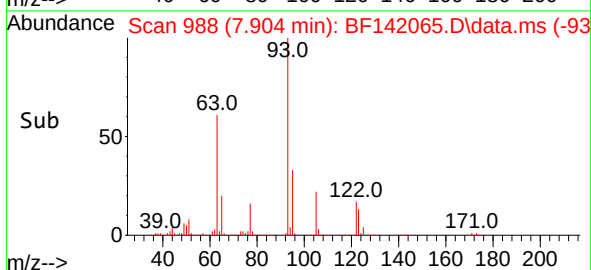
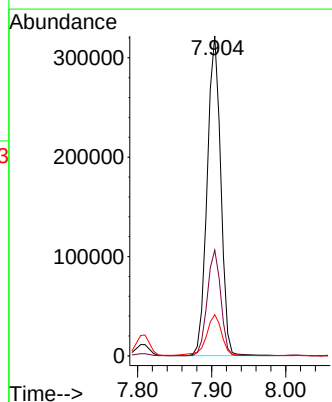
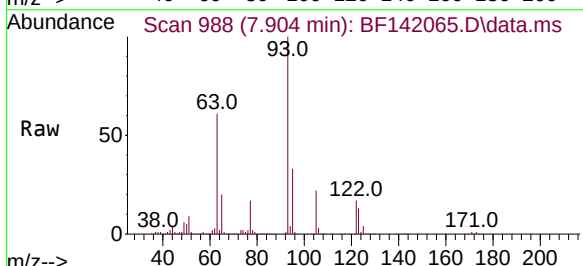
Tgt Ion: 93 Resp: 407538

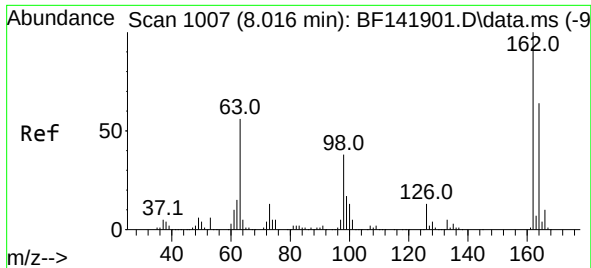
Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 50.590 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

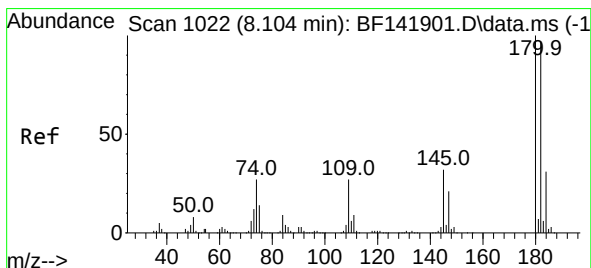
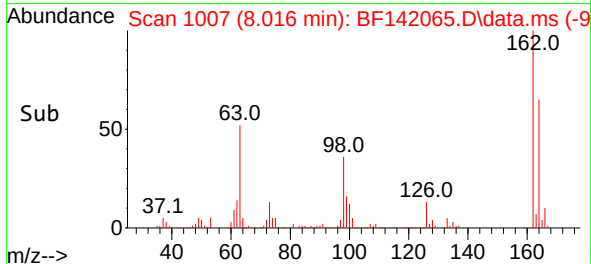
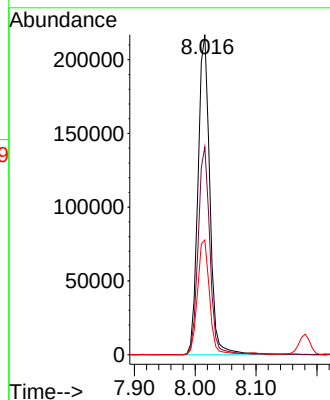
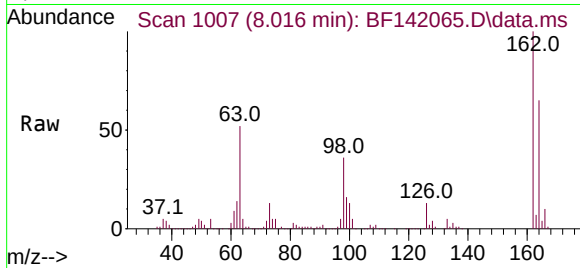
Tgt Ion:162 Resp: 292175

Ion Ratio Lower Upper

162 100

164 64.9 43.8 83.8

98 35.8 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 55.774 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

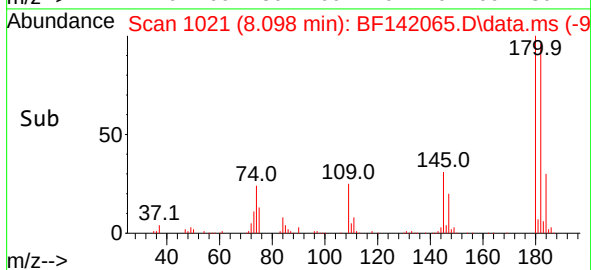
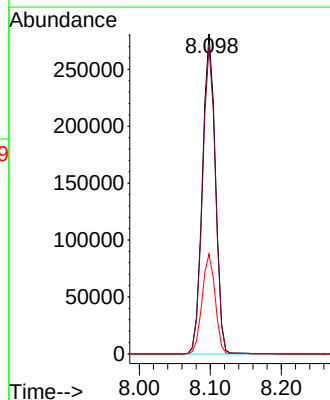
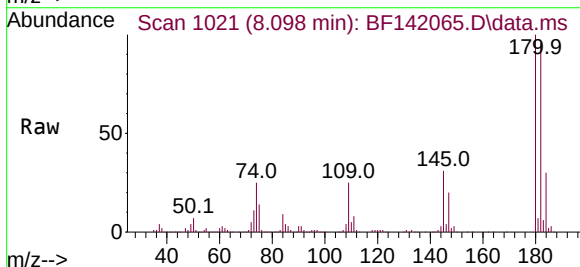
Tgt Ion:180 Resp: 354978

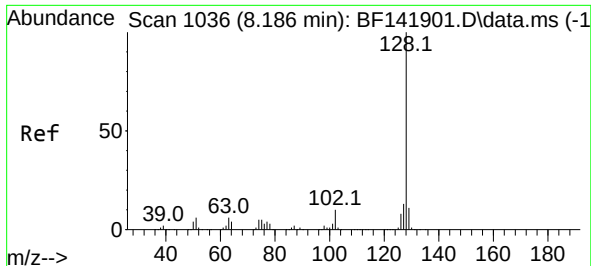
Ion Ratio Lower Upper

180 100

182 95.9 77.5 116.3

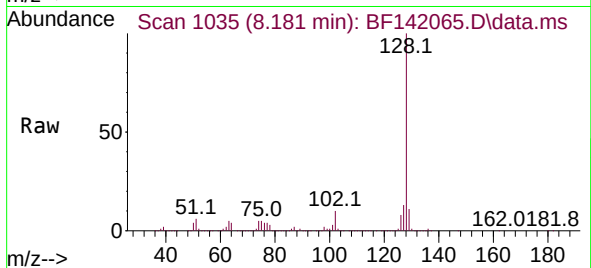
145 31.2 25.8 38.6



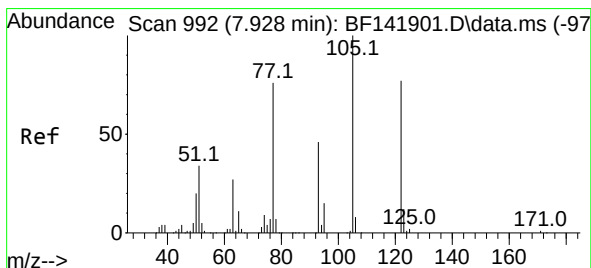
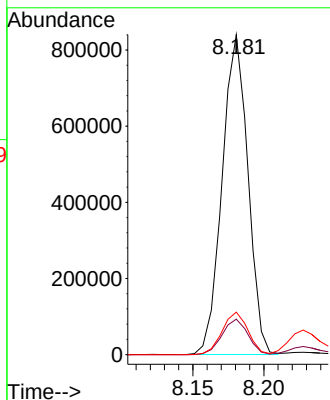
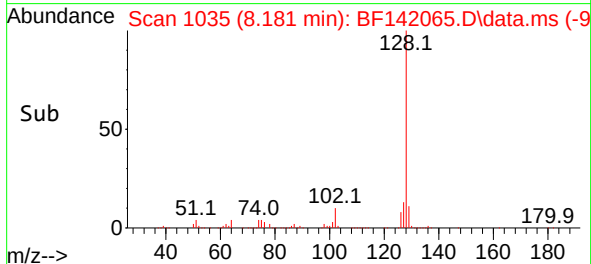


#31
Naphthalene
Concen: 53.016 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Instrument :
BNA_F
ClientSampleId :

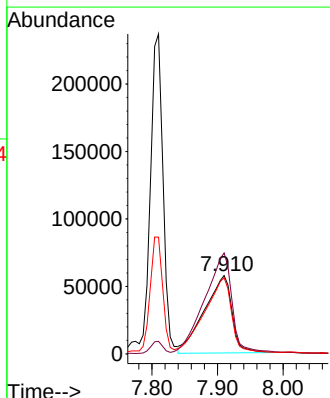
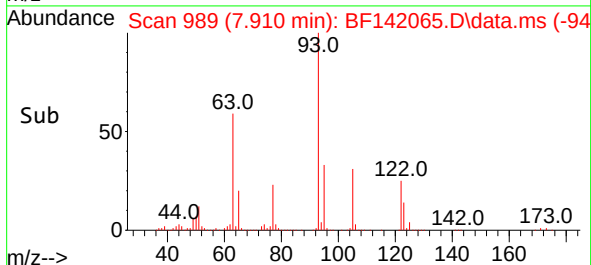
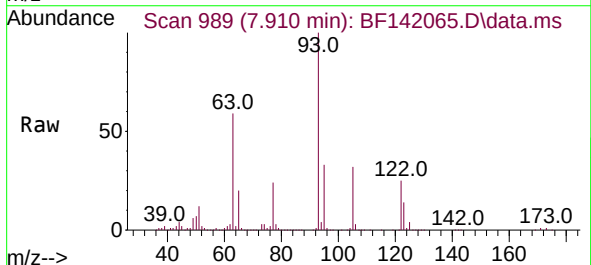


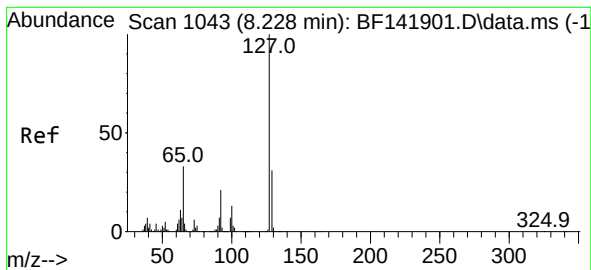
Tgt Ion:128 Resp: 1061406
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 41.390 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.018 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion:122 Resp: 169286
Ion Ratio Lower Upper
122 100
105 128.7 107.9 147.9
77 97.4 79.0 119.0





#33

4-Chloroaniline

Concen: 15.568 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 110025

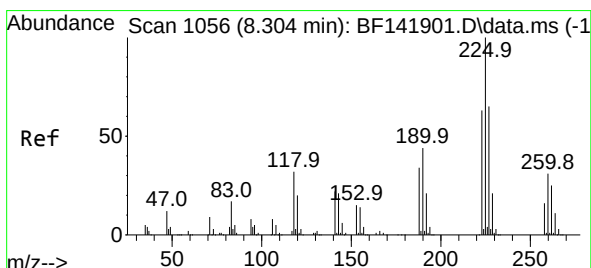
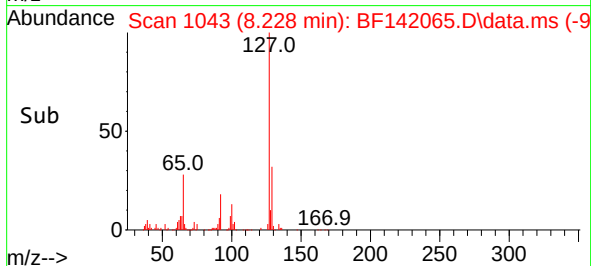
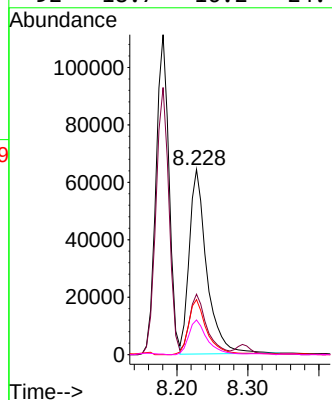
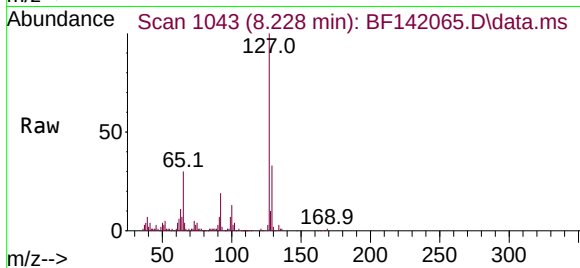
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.4

65 29.7 25.4 38.2

92 18.7 16.2 24.4



#34

Hexachlorobutadiene

Concen: 58.006 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.012 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

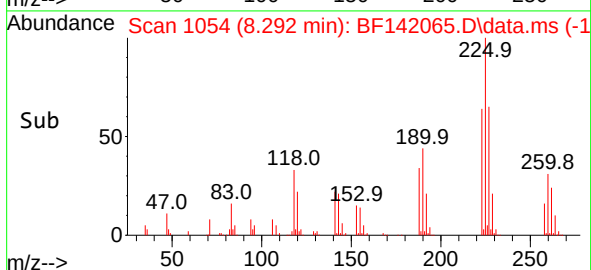
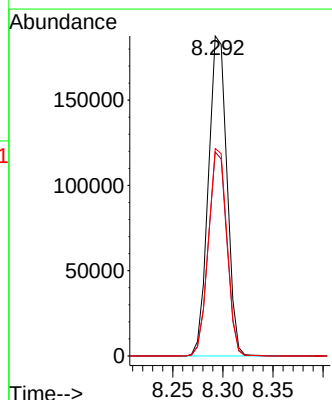
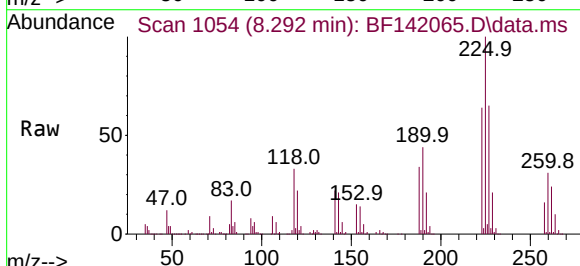
Tgt Ion:225 Resp: 240762

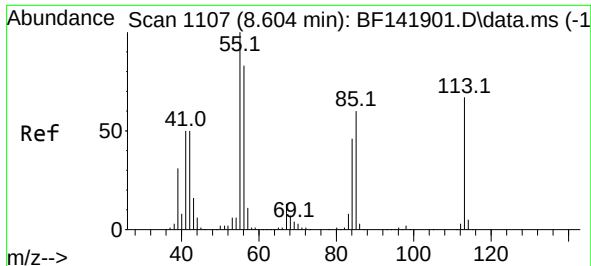
Ion Ratio Lower Upper

225 100

223 63.7 50.6 75.8

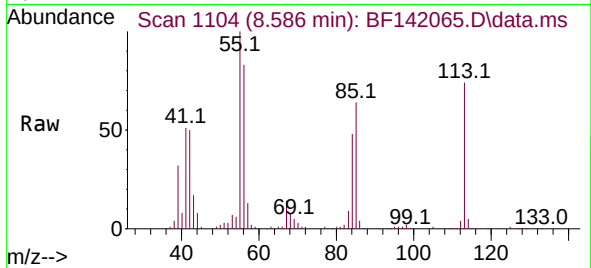
227 64.8 52.2 78.2



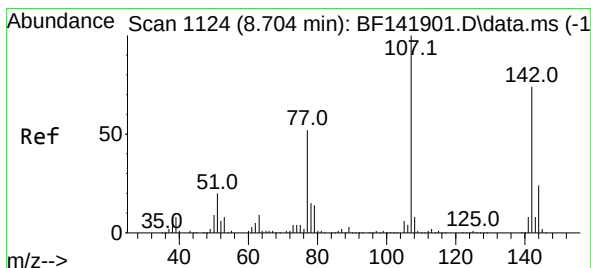
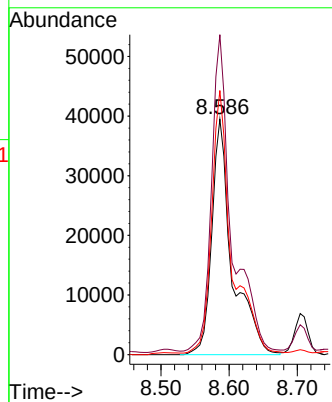
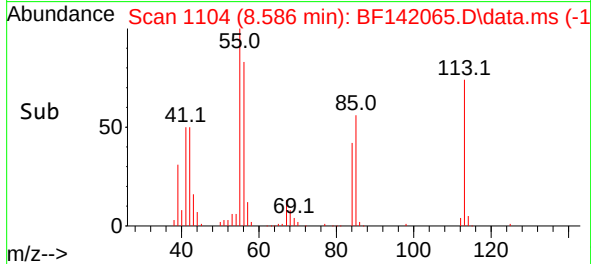


#35
 Caprolactam
 Concen: 46.514 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.018 min
 Lab File: BF142065.D
 Acq: 24 Mar 2025 20:22

Instrument :
 BNA_F
 ClientSampleId :

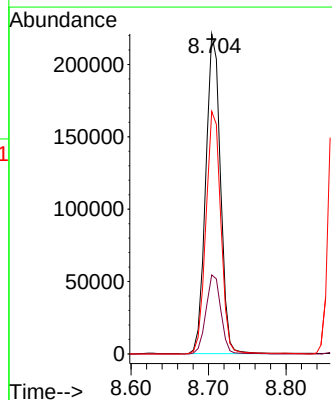
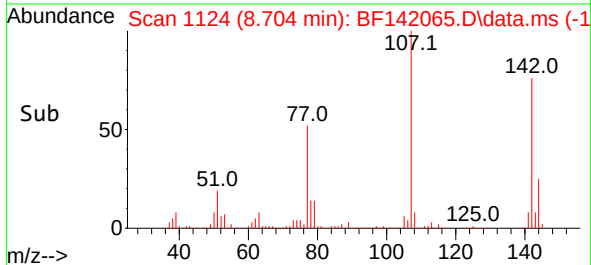
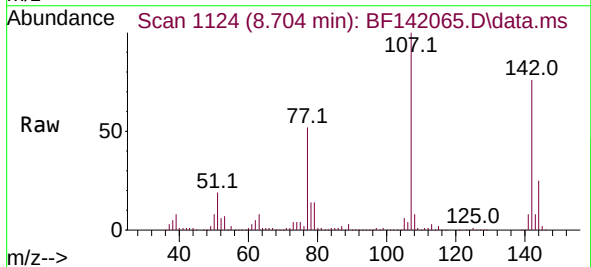


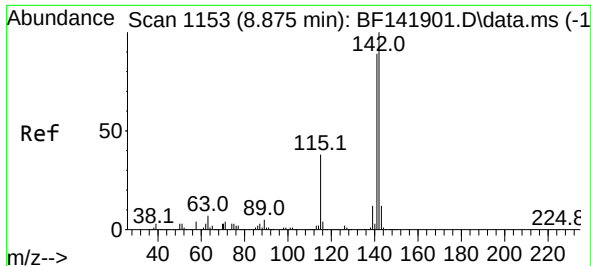
Tgt Ion:113 Resp: 81901
 Ion Ratio Lower Upper
 113 100
 55 135.9 129.6 169.6
 56 112.2 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.250 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142065.D
 Acq: 24 Mar 2025 20:22

Tgt Ion:107 Resp: 291520
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.0 28.6
 142 75.8 59.2 88.8





#37

2-Methylnaphthalene

Concen: 45.211 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

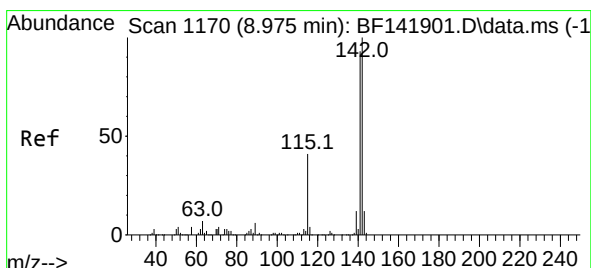
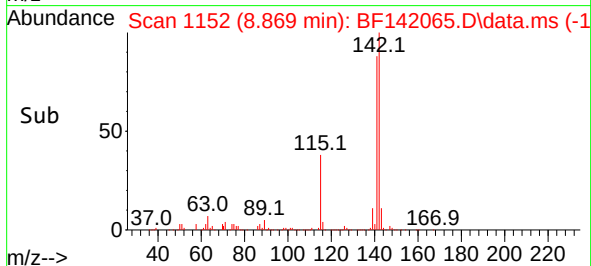
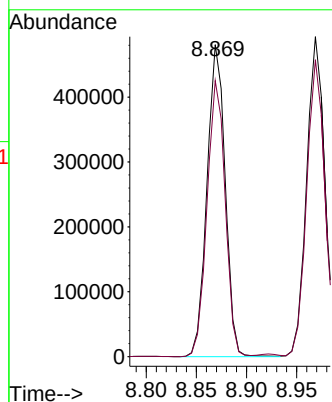
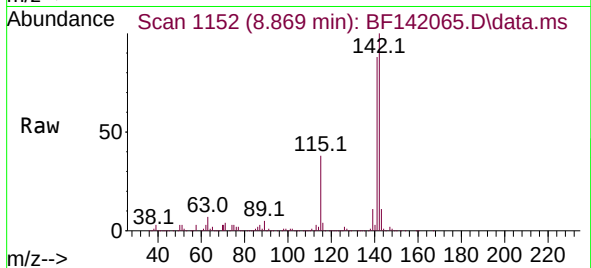
ClientSampleId :

Tgt Ion:142 Resp: 605013

Ion Ratio Lower Upper

142 100

141 88.4 71.2 106.8



#38

1-Methylnaphthalene

Concen: 47.596 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142065.D

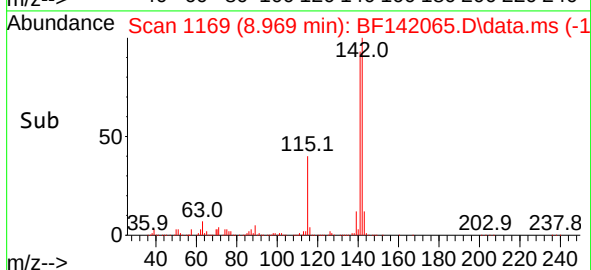
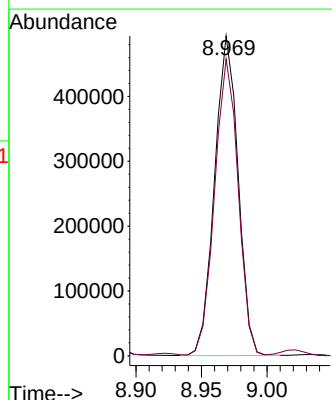
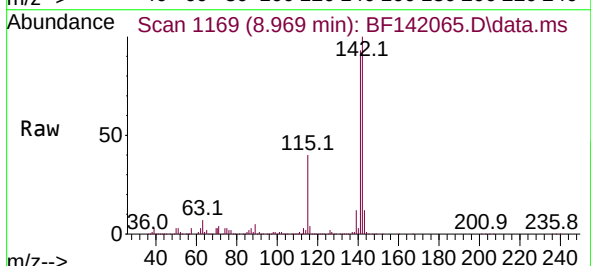
Acq: 24 Mar 2025 20:22

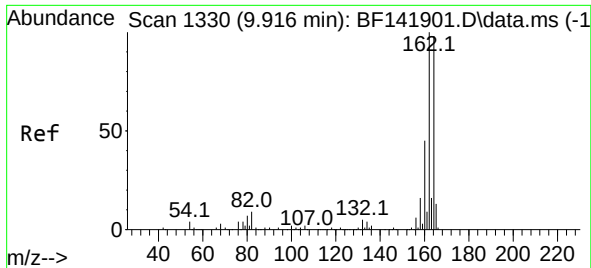
Tgt Ion:142 Resp: 614631

Ion Ratio Lower Upper

142 100

141 92.8 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

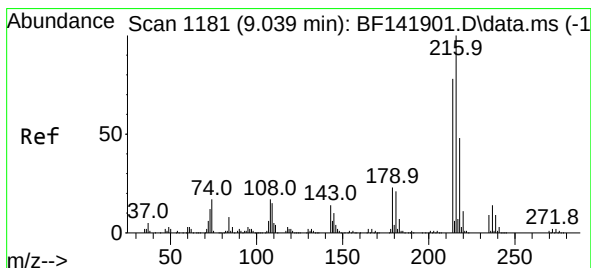
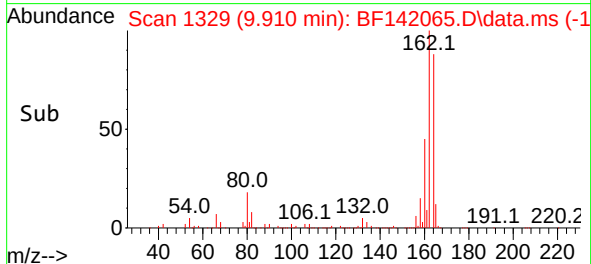
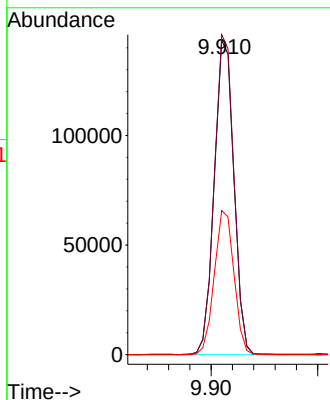
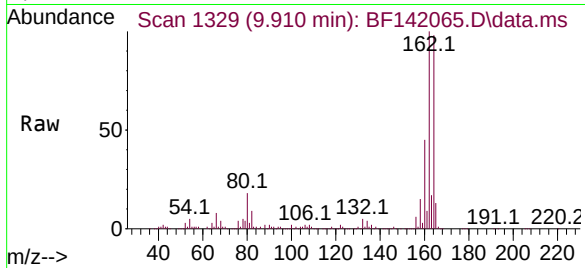
Tgt Ion:164 Resp: 183781

Ion Ratio Lower Upper

164 100

162 101.7 81.8 122.6

160 45.8 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.967 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Tgt Ion:216 Resp: 335538

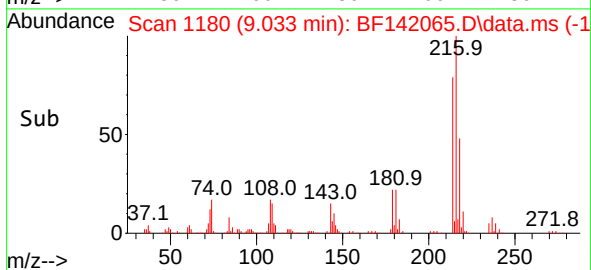
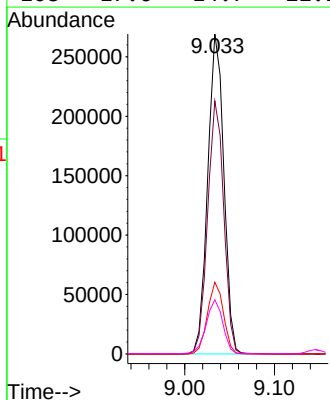
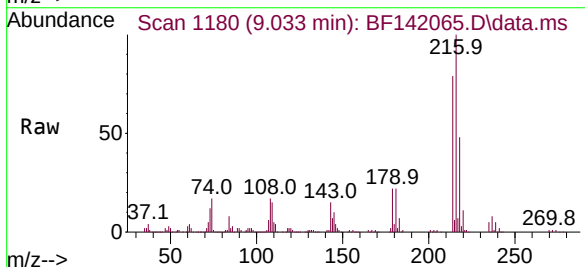
Ion Ratio Lower Upper

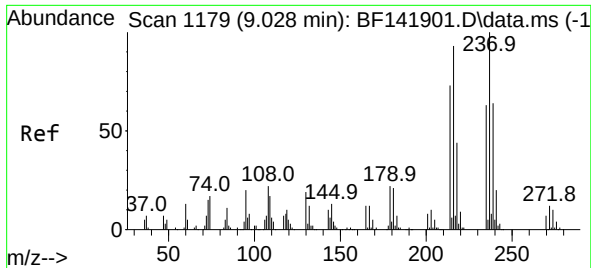
216 100

214 79.0 61.9 92.9

179 22.3 18.1 27.1

108 17.6 14.7 22.1

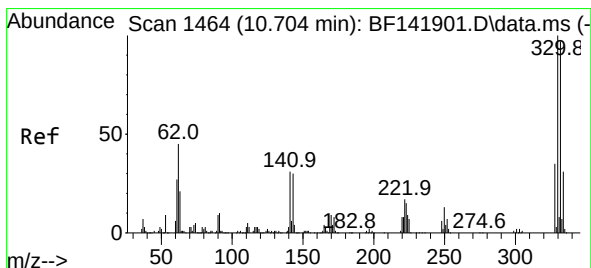
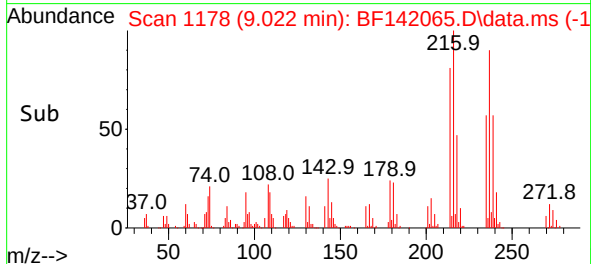
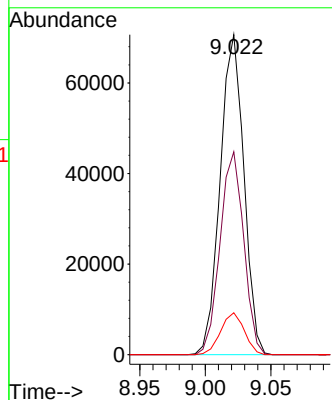
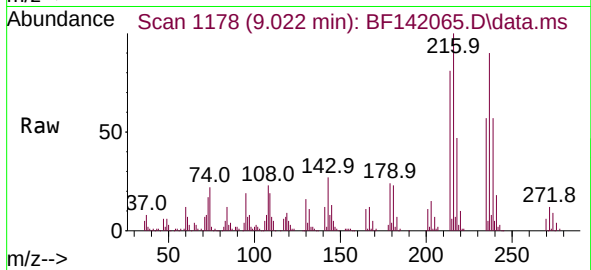




#41
Hexachlorocyclopentadiene
Concen: 40.641 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

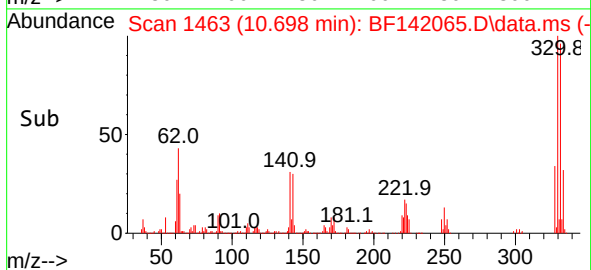
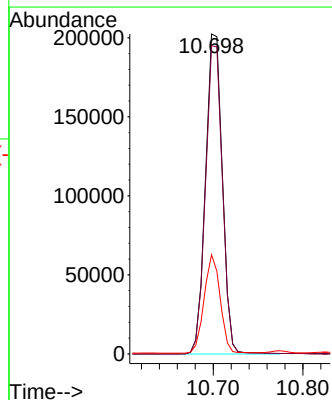
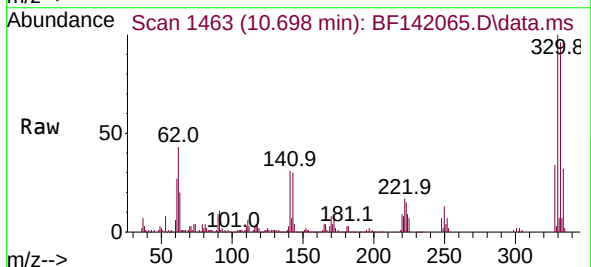
Instrument :
BNA_F
ClientSampleId :

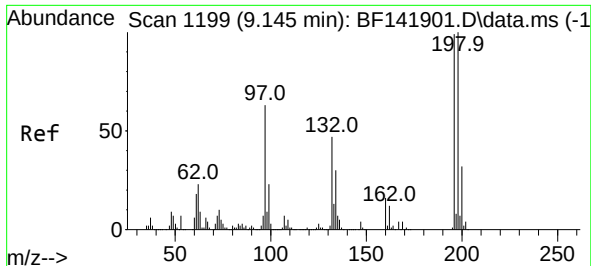
Tgt Ion:237 Resp: 88995
Ion Ratio Lower Upper
237 100
235 63.4 43.1 83.1
272 13.1 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 113.123 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion:330 Resp: 263746
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 29.4 24.7 37.1

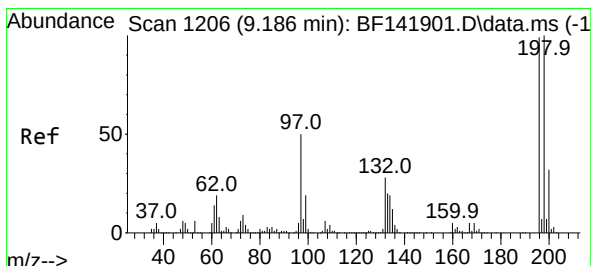
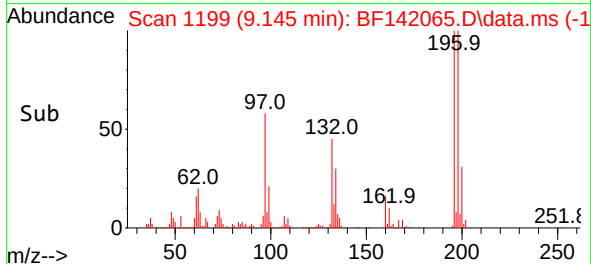
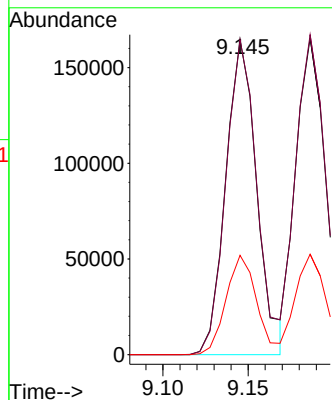
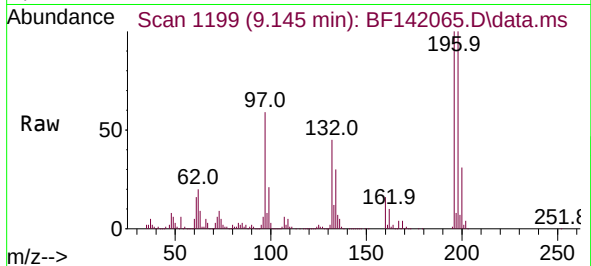




#43
2,4,6-Trichlorophenol
Concen: 56.960 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

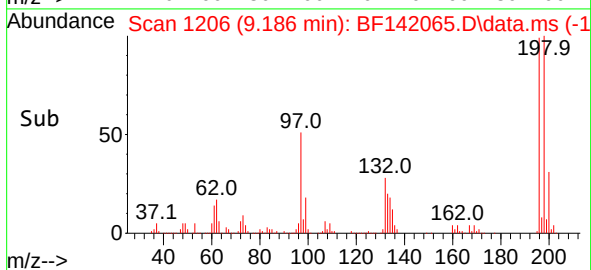
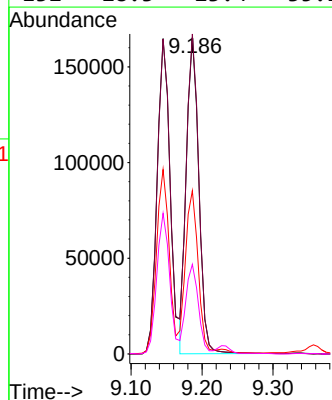
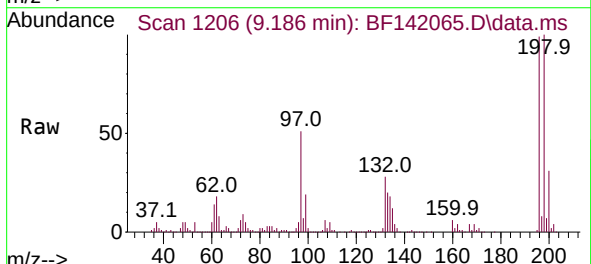
Instrument :
BNA_F
ClientSampleId :

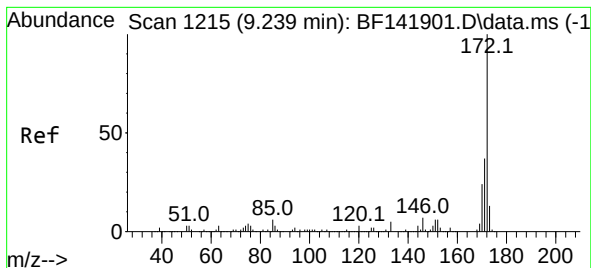
Tgt Ion:196 Resp: 208290
Ion Ratio Lower Upper
196 100
198 99.8 80.6 121.0
200 31.5 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 54.911 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion:196 Resp: 203369
Ion Ratio Lower Upper
196 100
198 101.2 80.7 121.1
97 51.5 42.1 63.1
132 28.3 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 83.951 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

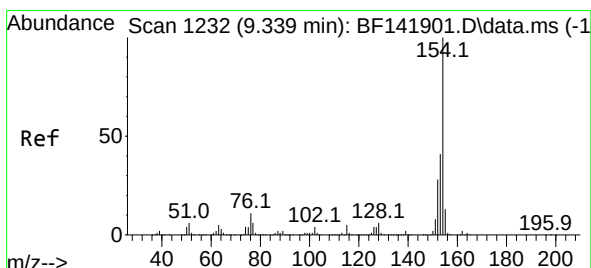
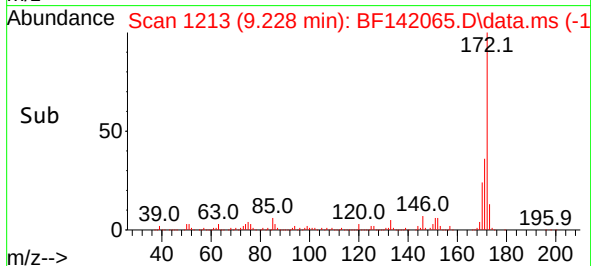
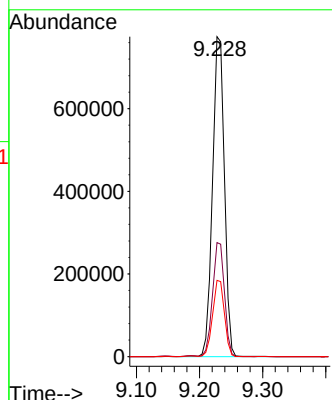
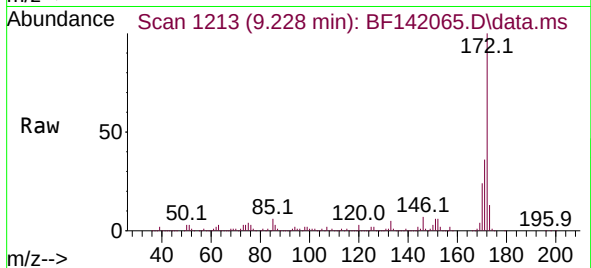
Tgt Ion:172 Resp: 1014501

Ion Ratio Lower Upper

172 100

171 35.6 29.3 43.9

170 23.8 19.4 29.0



#46

1,1'-Biphenyl

Concen: 57.075 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

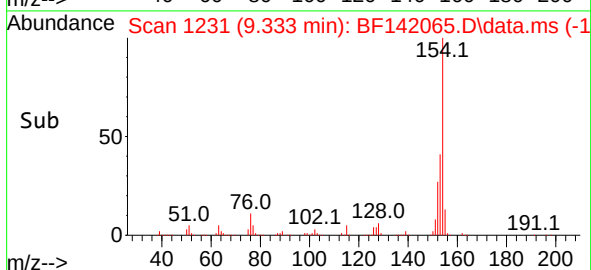
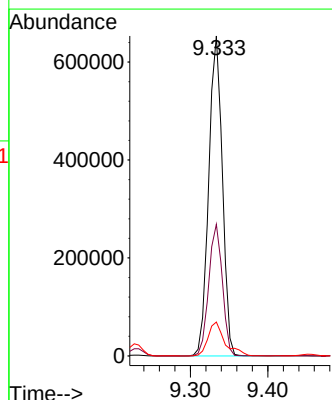
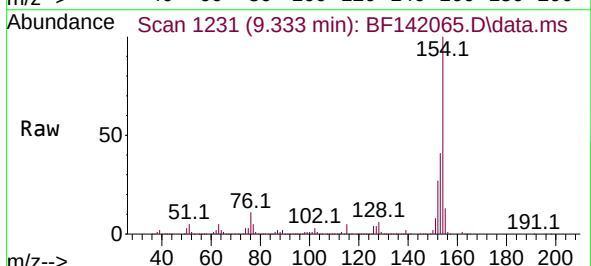
Tgt Ion:154 Resp: 796994

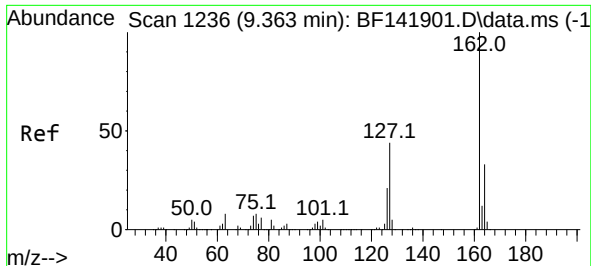
Ion Ratio Lower Upper

154 100

153 41.1 21.1 61.1

76 10.6 0.0 31.3

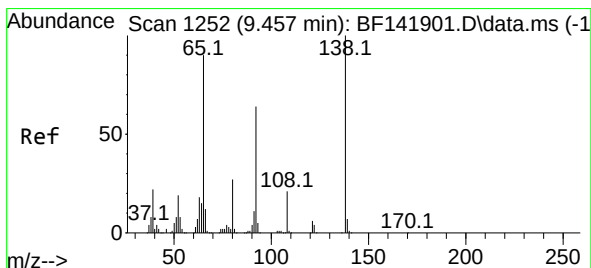
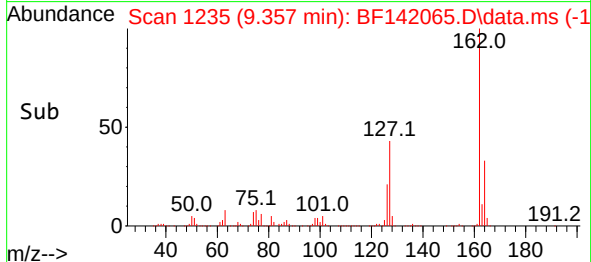
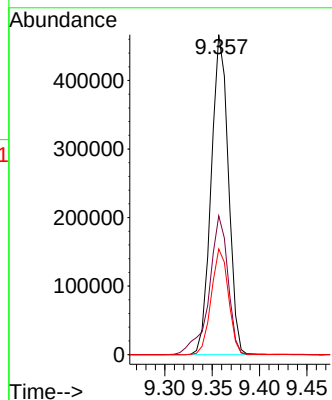
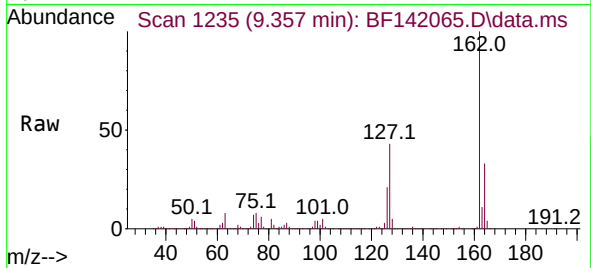




#47
2-Chloronaphthalene
Concen: 56.596 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

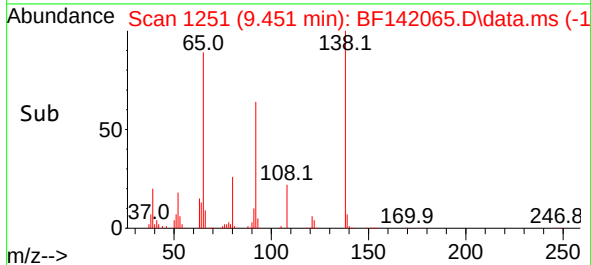
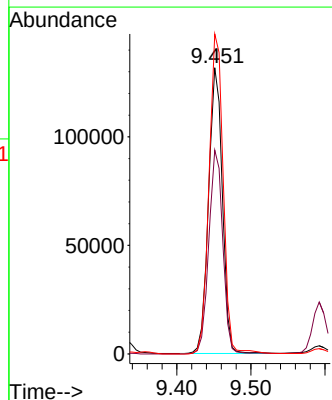
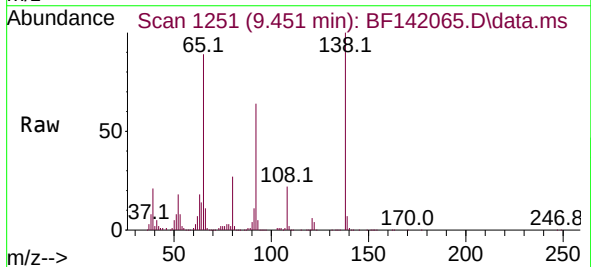
Instrument :
BNA_F
ClientSampleId :

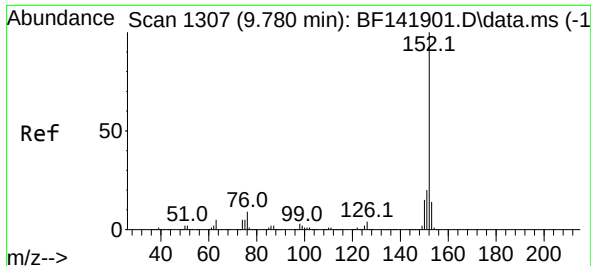
Tgt Ion:162 Resp: 589047
Ion Ratio Lower Upper
162 100
127 43.4 35.5 53.3
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 56.464 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion: 65 Resp: 170156
Ion Ratio Lower Upper
65 100
92 71.2 56.6 84.8
138 111.8 88.6 133.0





#49

Acenaphthylene

Concen: 58.597 ng

RT: 9.775 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

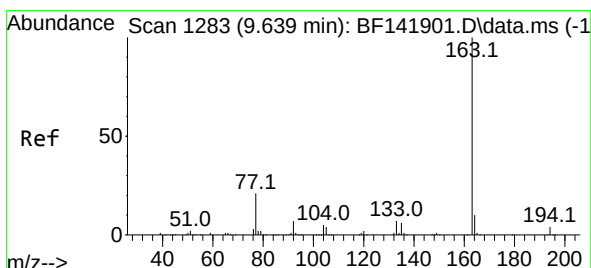
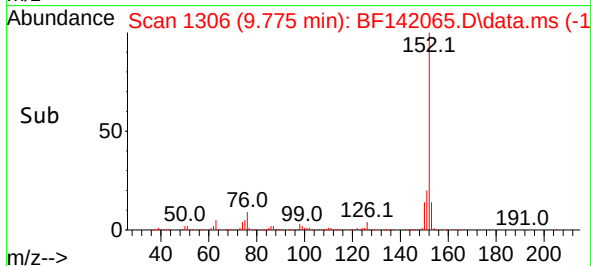
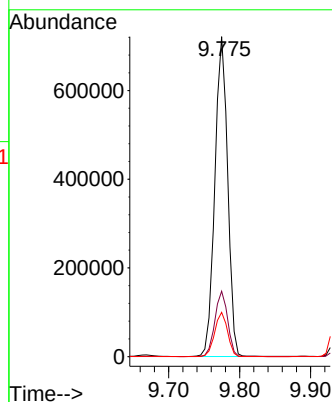
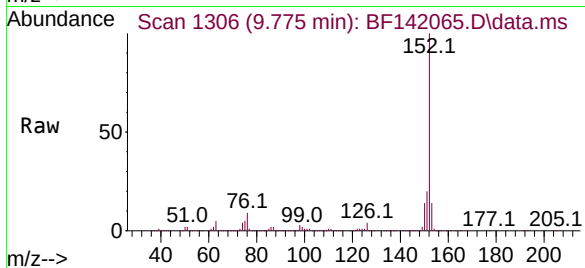
Tgt Ion:152 Resp: 905043

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 56.430 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

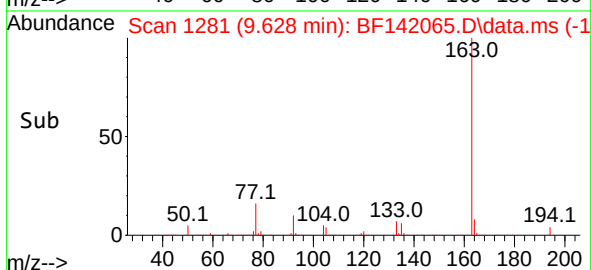
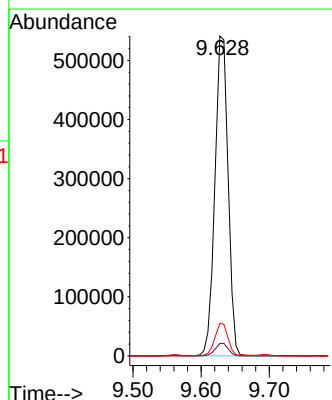
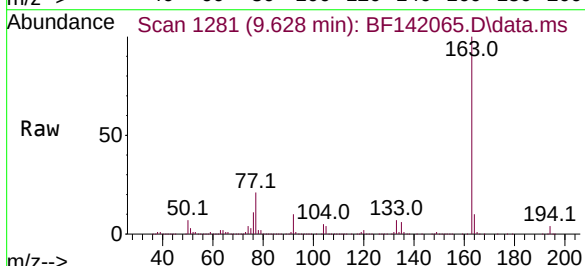
Tgt Ion:163 Resp: 726244

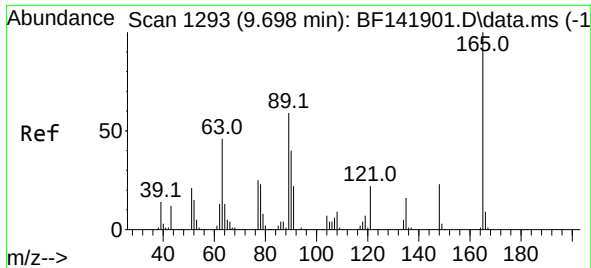
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

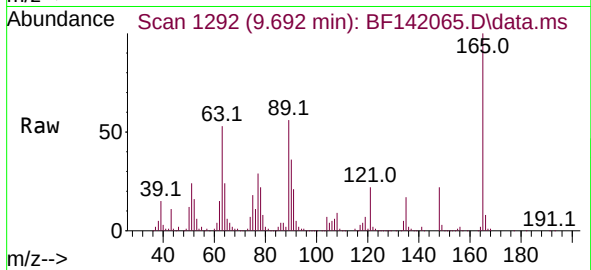
164 10.2 8.2 12.4



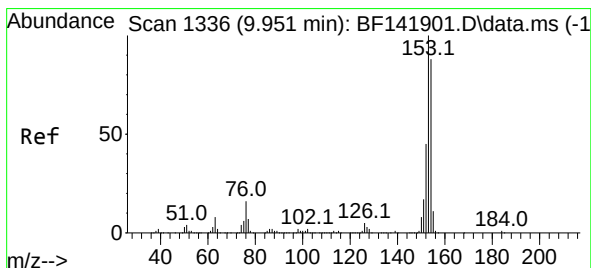
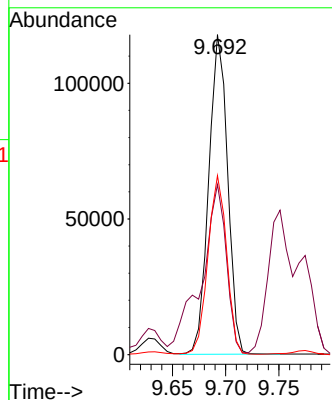
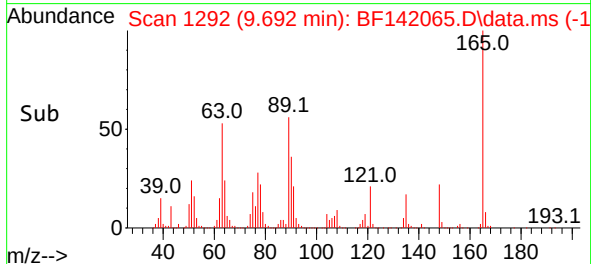


#51
2,6-Dinitrotoluene
Concen: 54.213 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

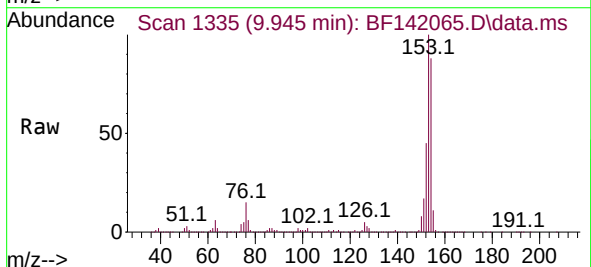
Instrument :
BNA_F
ClientSampleId :



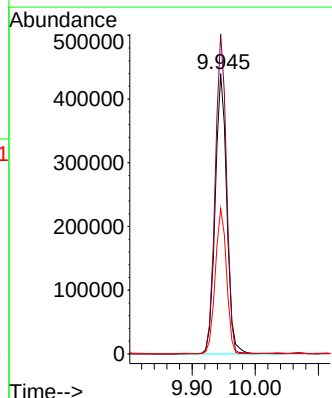
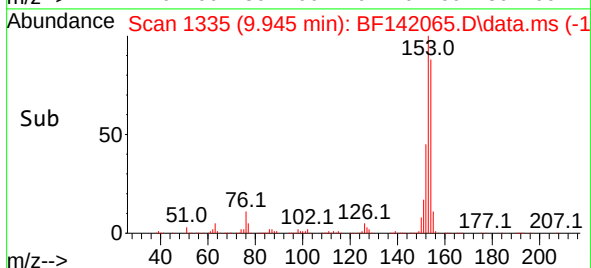
Tgt Ion:165 Resp: 145269
Ion Ratio Lower Upper
165 100
63 53.1 47.0 70.4
89 55.9 47.4 71.2

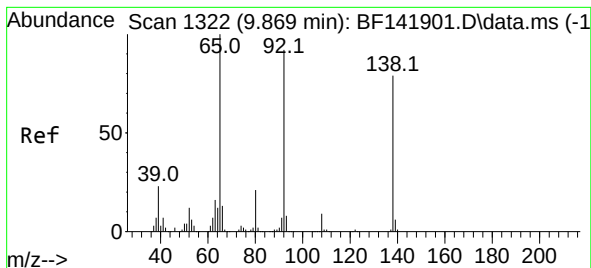


#52
Acenaphthene
Concen: 51.747 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22



Tgt Ion:154 Resp: 561664
Ion Ratio Lower Upper
154 100
153 114.2 90.7 136.1
152 51.9 41.1 61.7





#53

3-Nitroaniline

Concen: 42.059 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

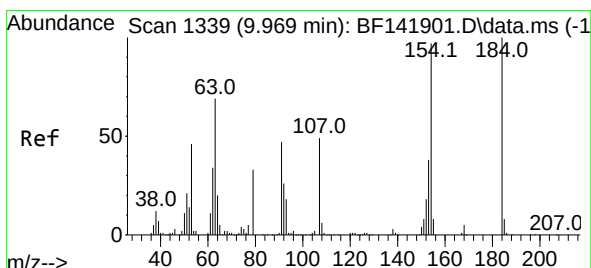
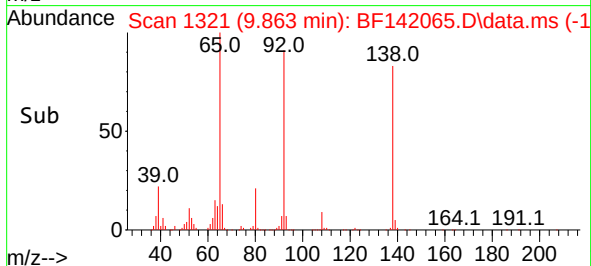
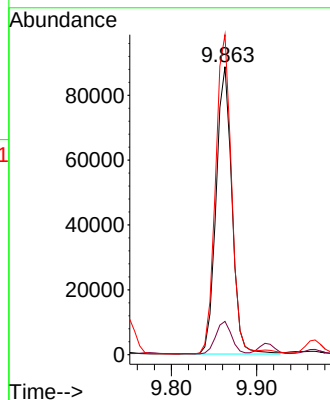
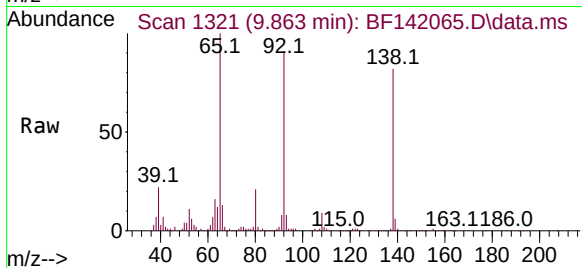
Tgt Ion:138 Resp: 114321

Ion Ratio Lower Upper

138 100

108 11.5 9.3 13.9

92 111.1 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 20.515 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

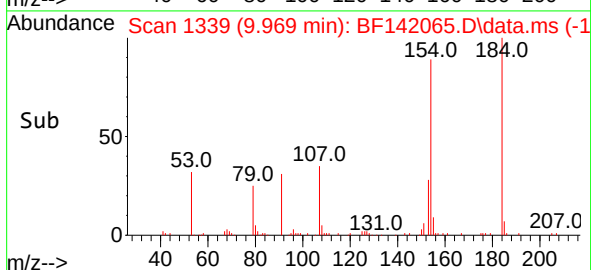
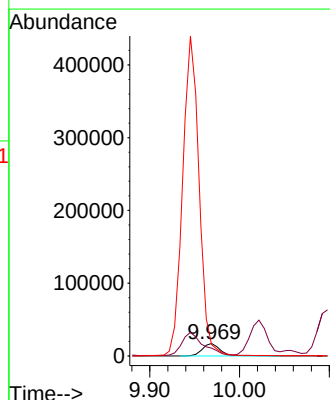
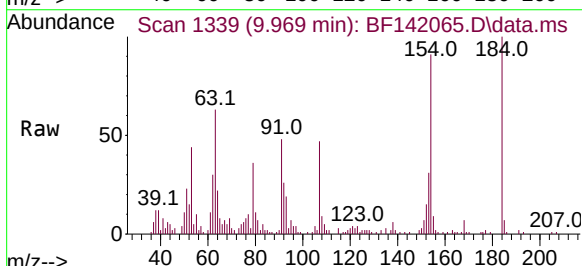
Tgt Ion:184 Resp: 23126

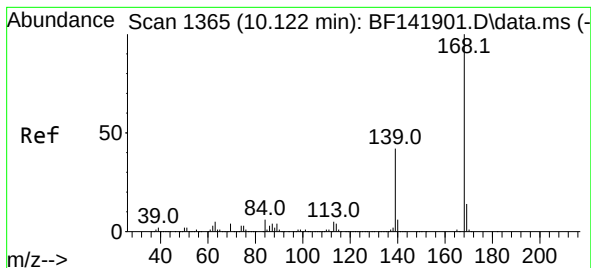
Ion Ratio Lower Upper

184 100

63 62.8 60.2 90.4

154 91.0 132.9 199.3#





#55

Dibenzenofuran

Concen: 51.999 ng

RT: 10.116 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

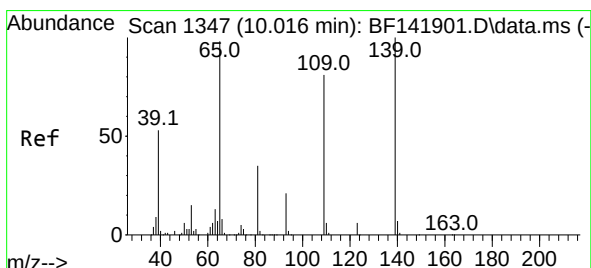
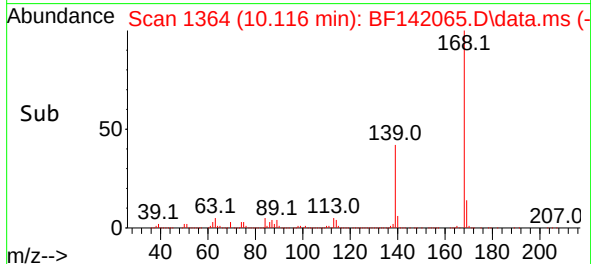
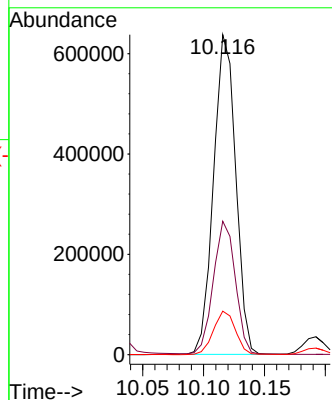
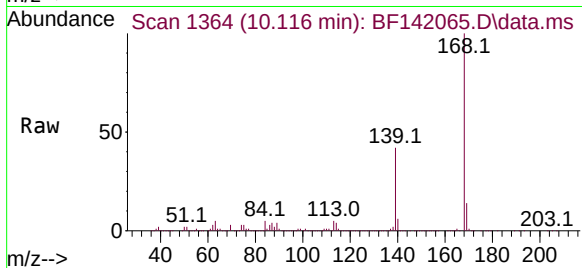
Tgt Ion:168 Resp: 806473

Ion Ratio Lower Upper

168 100

139 41.7 33.9 50.9

169 13.6 11.0 16.4



#56

4-Nitrophenol

Concen: 112.673 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

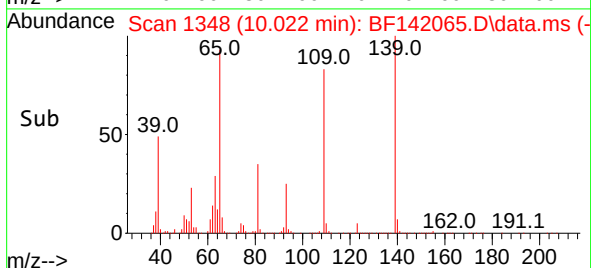
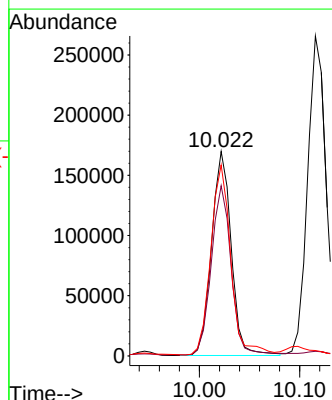
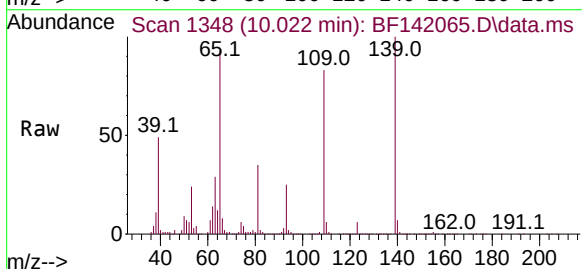
Tgt Ion:139 Resp: 230957

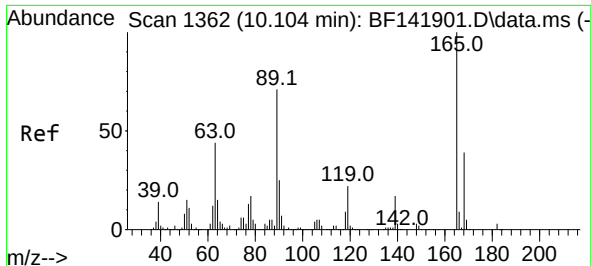
Ion Ratio Lower Upper

139 100

109 83.3 61.6 101.6

65 93.5 79.4 119.4

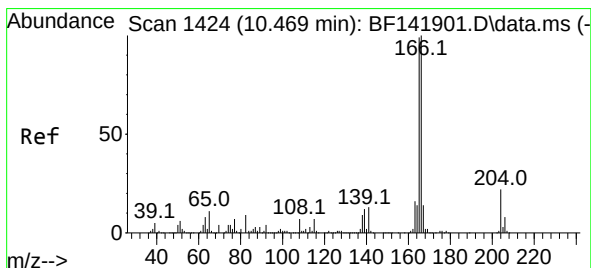
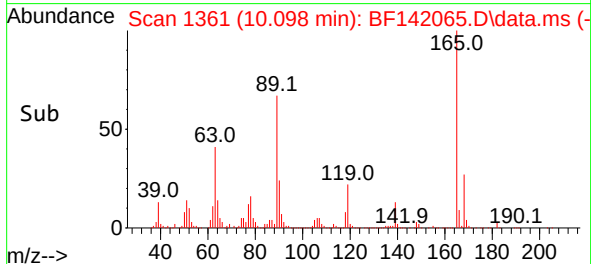
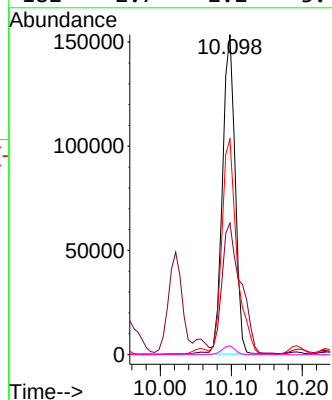
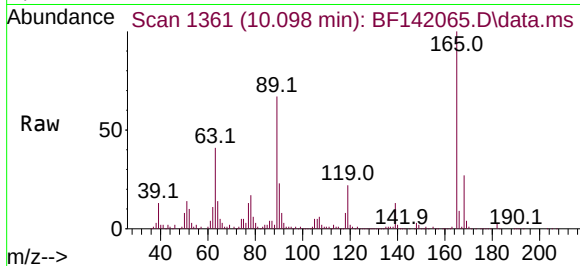




#57
2,4-Dinitrotoluene
Concen: 54.505 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

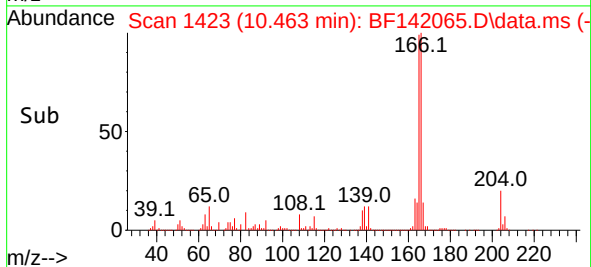
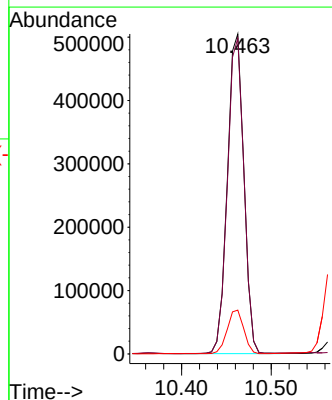
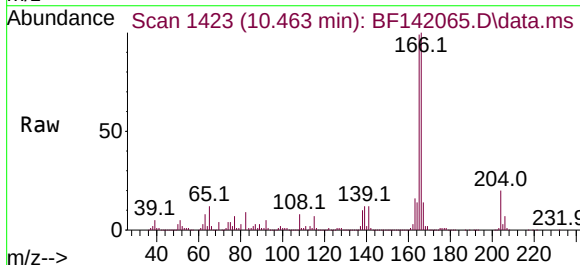
Instrument :
BNA_F
ClientSampleId :

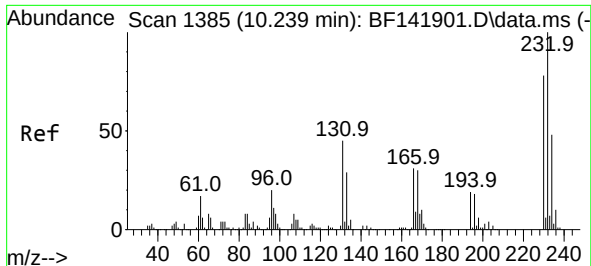
Tgt Ion:165 Resp: 190759
Ion Ratio Lower Upper
165 100
63 41.1 35.4 53.2
89 67.3 56.6 84.8
182 2.7 2.2 3.4



#58
Fluorene
Concen: 54.119 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

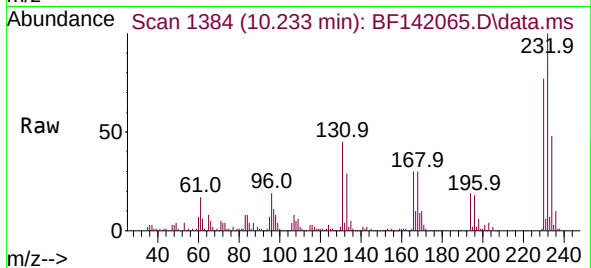
Tgt Ion:166 Resp: 647274
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.4
167 13.7 11.0 16.4



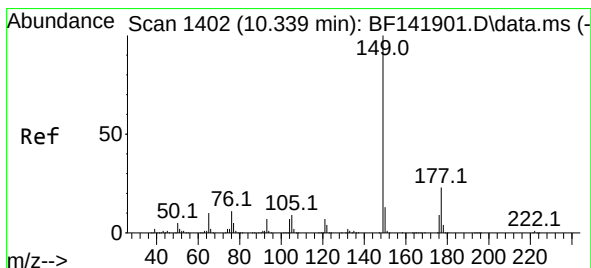
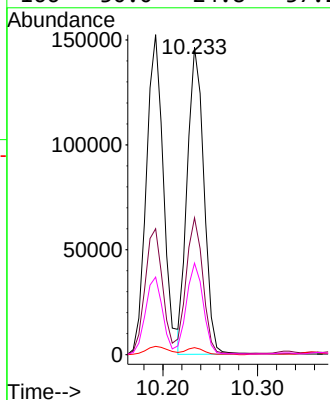
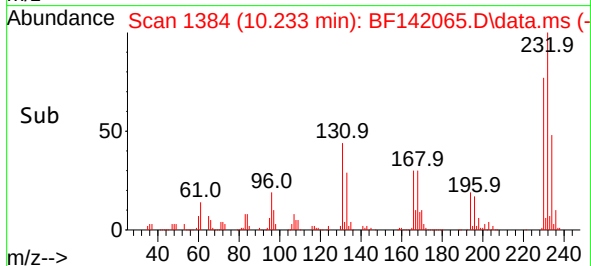


#59
2,3,4,6-Tetrachlorophenol
Concen: 53.030 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

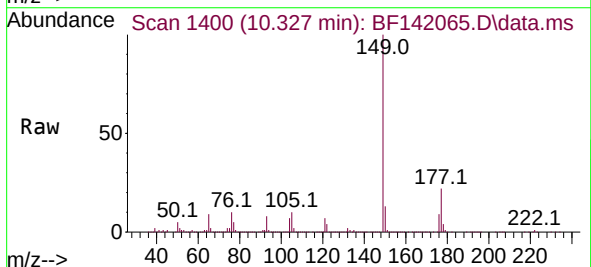
Instrument :
BNA_F
ClientSampleId :



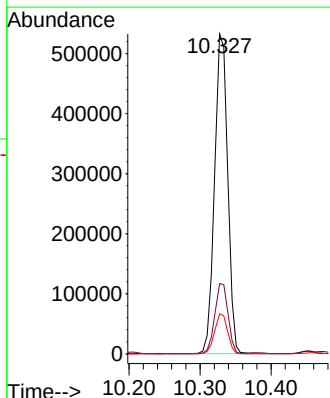
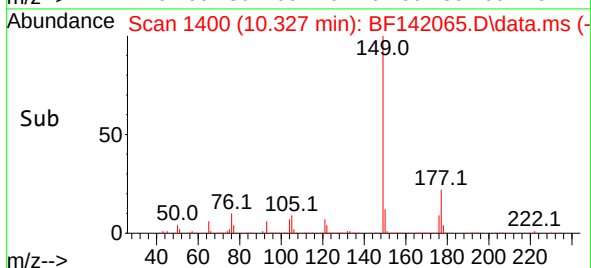
Tgt Ion:232 Resp: 178720
Ion Ratio Lower Upper
232 100
131 44.7 37.3 55.9
130 2.5 1.9 2.9
166 30.0 24.8 37.2

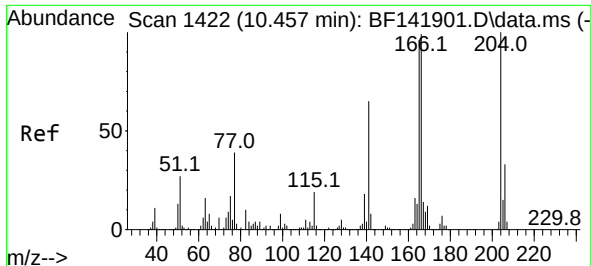


#60
Diethylphthalate
Concen: 53.496 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22



Tgt Ion:149 Resp: 686498
Ion Ratio Lower Upper
149 100
177 22.0 18.0 27.0
150 12.5 10.2 15.4

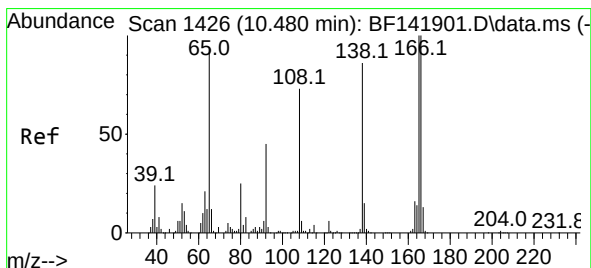
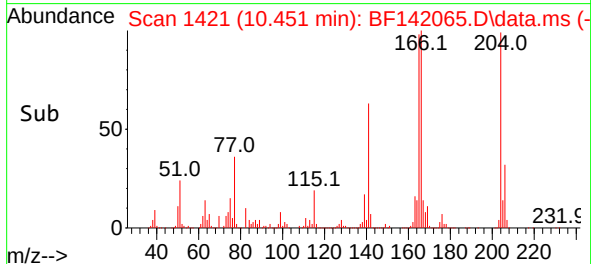
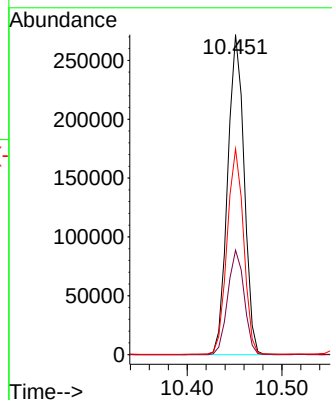
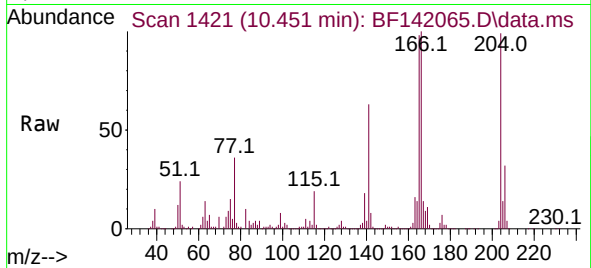




#61
4-Chlorophenyl-phenylether
Concen: 52.724 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

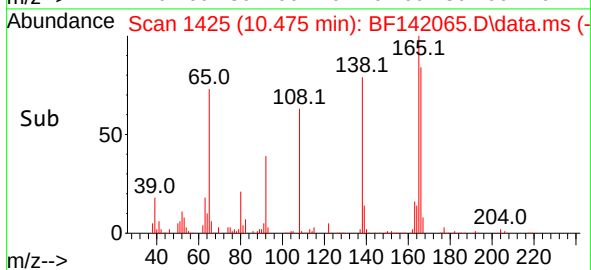
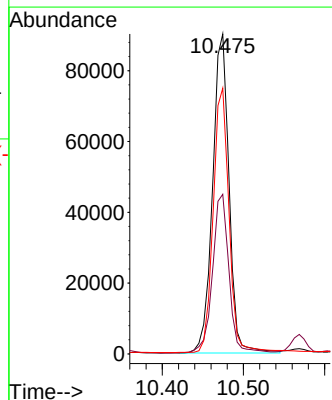
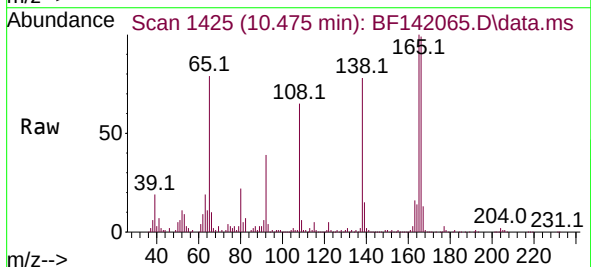
Instrument :
BNA_F
ClientSampleId :

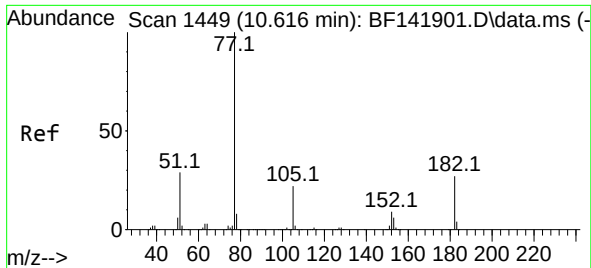
Tgt Ion:204 Resp: 328761
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 64.3 52.4 78.6



#62
4-Nitroaniline
Concen: 47.976 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

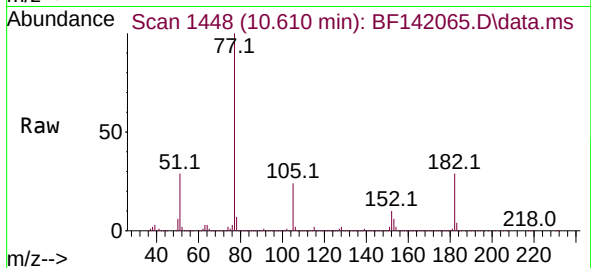
Tgt Ion:138 Resp: 126955
Ion Ratio Lower Upper
138 100
92 49.9 32.6 72.6
108 83.0 65.0 105.0



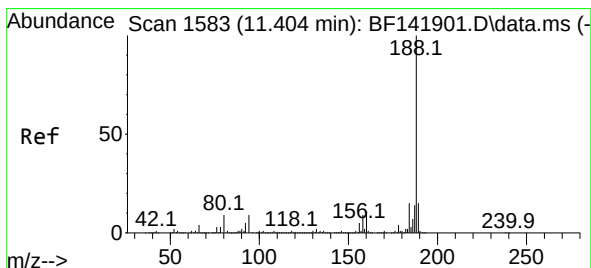
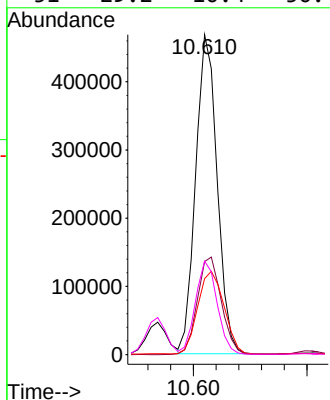
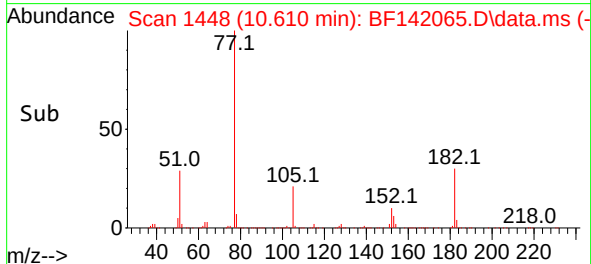


#63
Azobenzene
Concen: 51.571 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

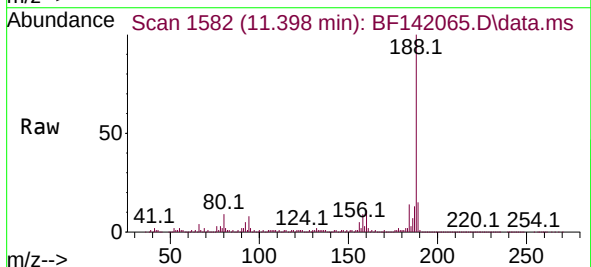
Instrument :
BNA_F
ClientSampleId :



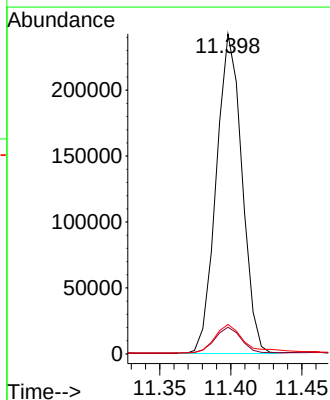
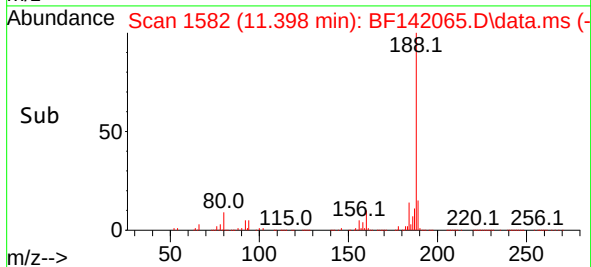
Tgt Ion:	77	Resp:	615284
Ion	Ratio	Lower	Upper
77	100		
182	29.1	6.6	46.6
105	23.7	1.3	41.3
51	29.2	10.4	50.4

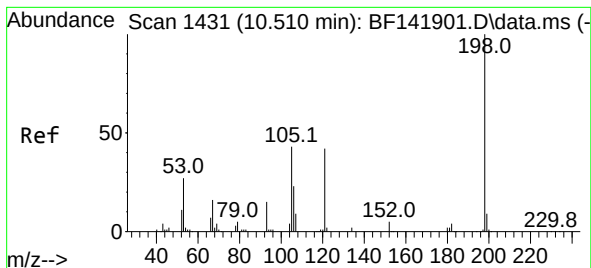


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22



Tgt Ion:	188	Resp:	306039
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	9.2	7.6	11.4

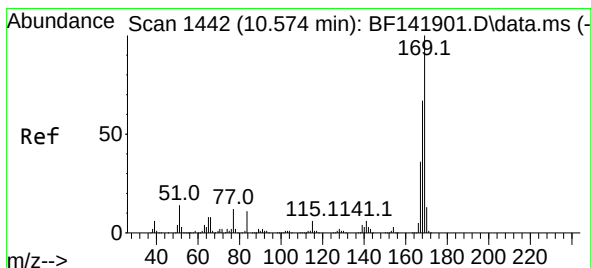
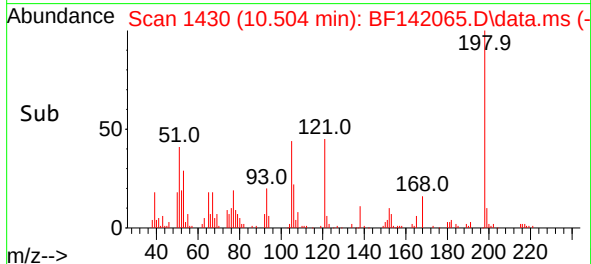
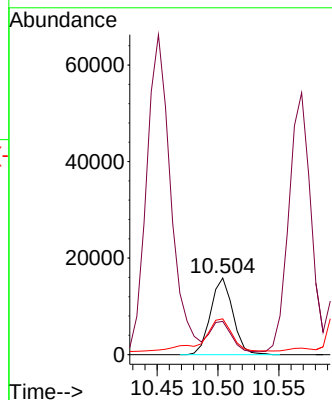
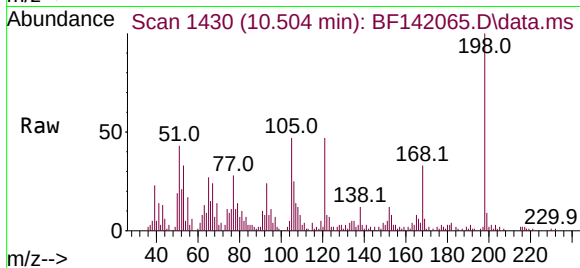




#65
4,6-Dinitro-2-methylphenol
Concen: 11.018 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

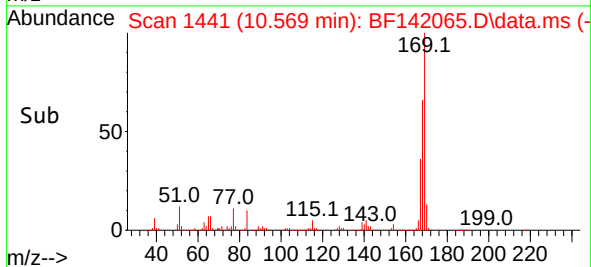
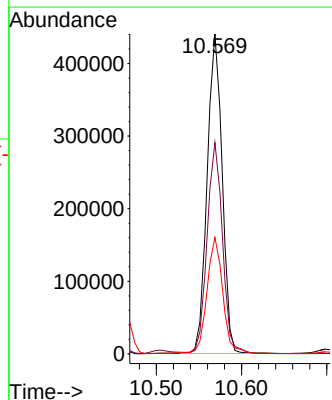
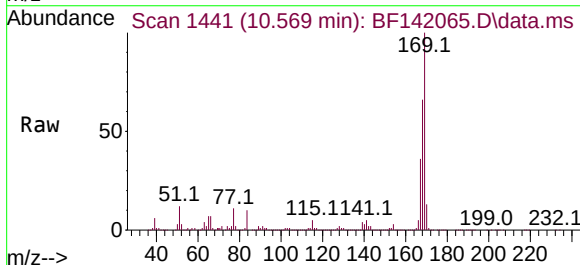
Instrument :
BNA_F
ClientSampleId :

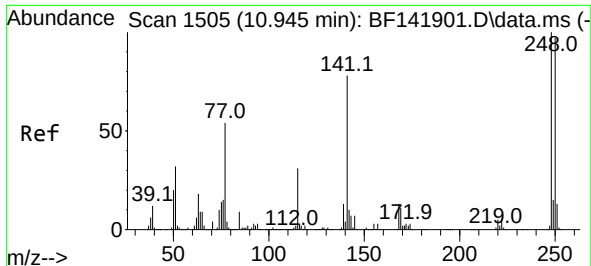
Tgt Ion:198 Resp: 20102
Ion Ratio Lower Upper
198 100
51 43.4 22.3 62.3
105 46.7 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 54.367 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

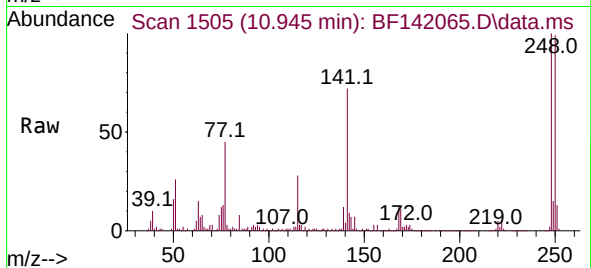
Tgt Ion:169 Resp: 538430
Ion Ratio Lower Upper
169 100
168 66.0 53.7 80.5
167 36.4 29.2 43.8



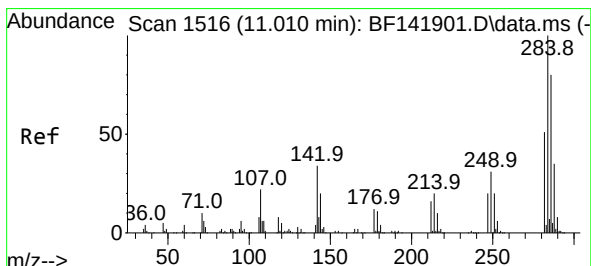
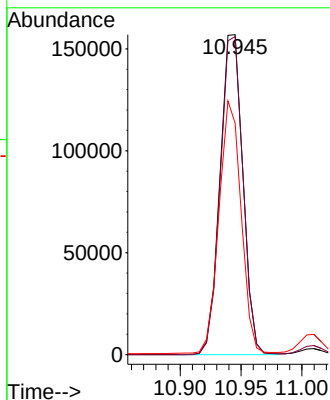
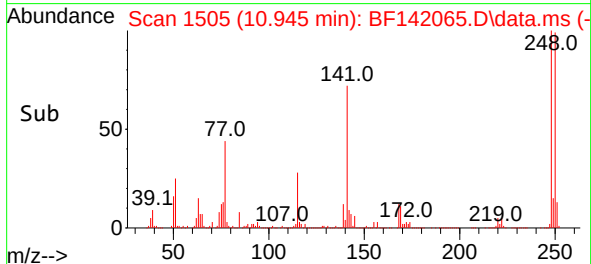


#67
4-Bromophenyl-phenylether
Concen: 53.270 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

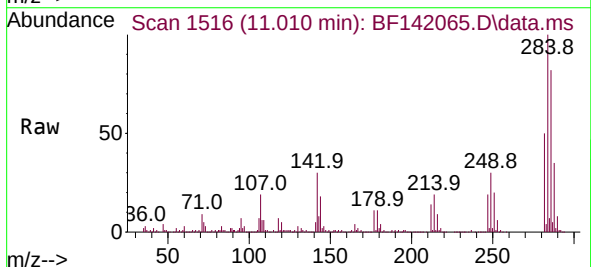
Instrument :
BNA_F
ClientSampleId :



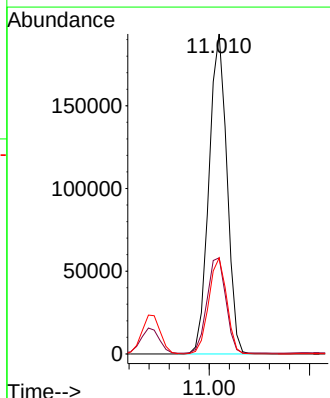
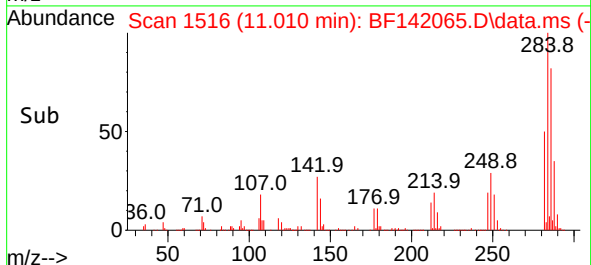
Tgt Ion:248 Resp: 204743
Ion Ratio Lower Upper
248 100
250 99.4 77.8 116.8
141 72.3 62.6 93.8

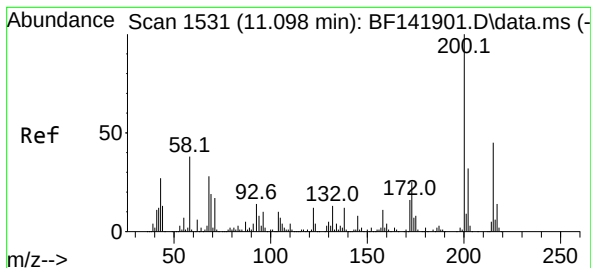


#68
Hexachlorobenzene
Concen: 56.859 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22



Tgt Ion:284 Resp: 239684
Ion Ratio Lower Upper
284 100
142 30.0 27.0 40.6
249 30.0 25.2 37.8





#69

Atrazine

Concen: 64.377 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

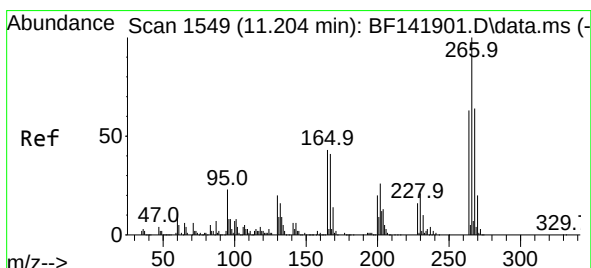
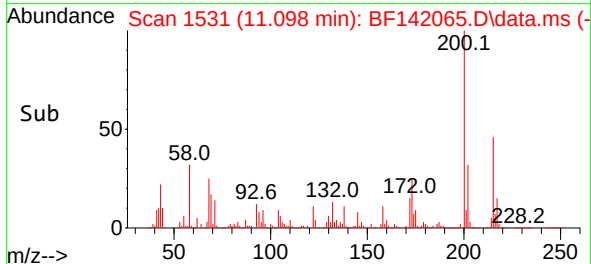
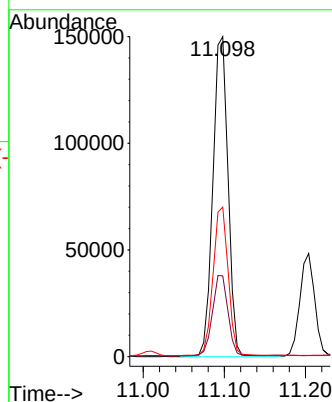
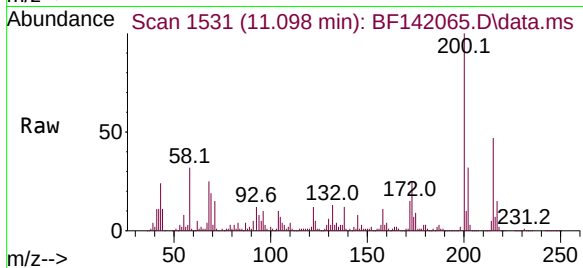
Tgt Ion:200 Resp: 195449

Ion Ratio Lower Upper

200 100

173 25.2 4.7 44.7

215 46.7 25.4 65.4



#70

Pentachlorophenol

Concen: 122.435 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

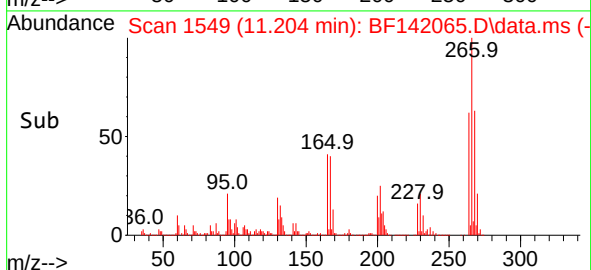
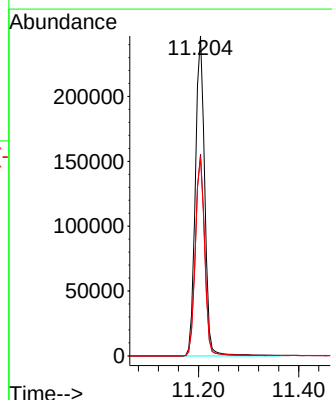
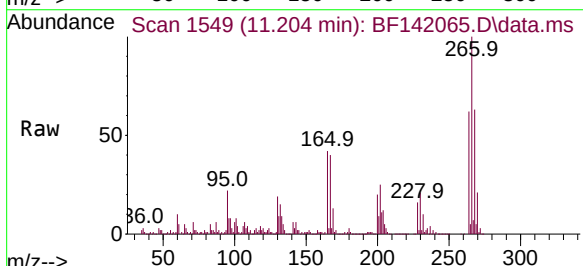
Tgt Ion:266 Resp: 317995

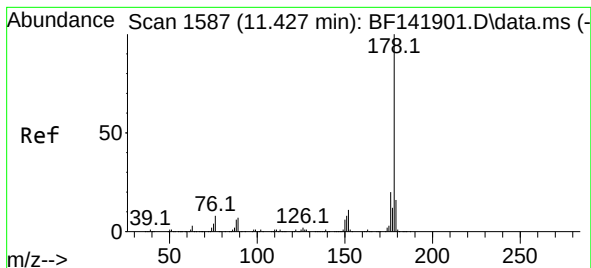
Ion Ratio Lower Upper

266 100

268 63.0 51.0 76.6

264 62.1 50.2 75.2





#71

Phenanthrene

Concen: 74.027 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

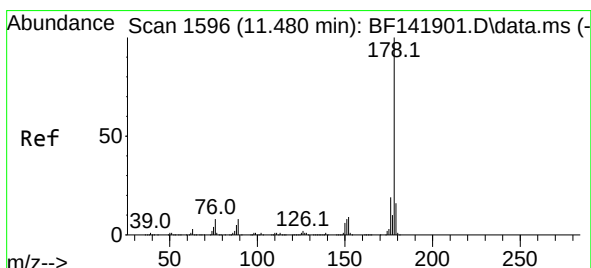
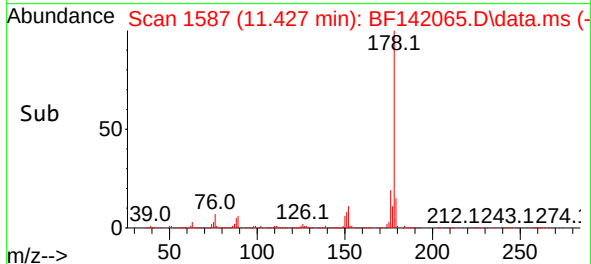
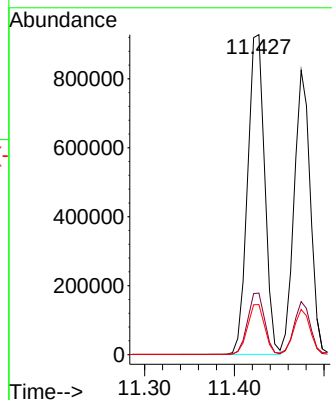
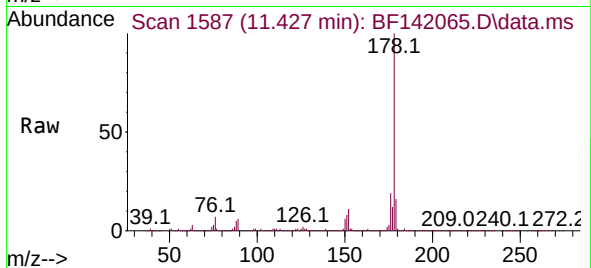
Tgt Ion:178 Resp: 1223680

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

179 15.6 12.6 19.0



#72

Anthracene

Concen: 62.318 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

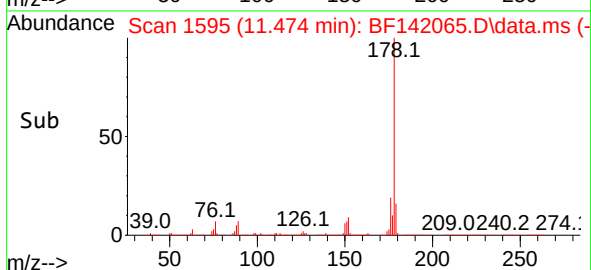
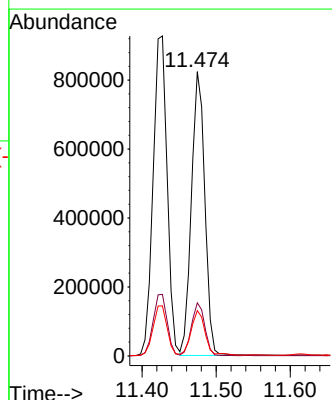
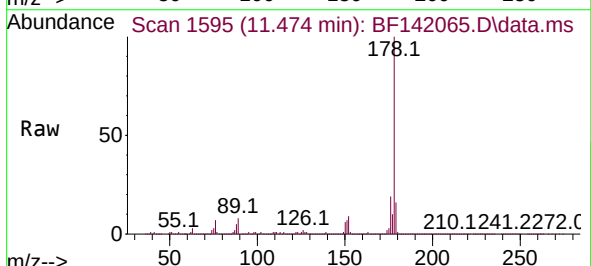
Tgt Ion:178 Resp: 1033484

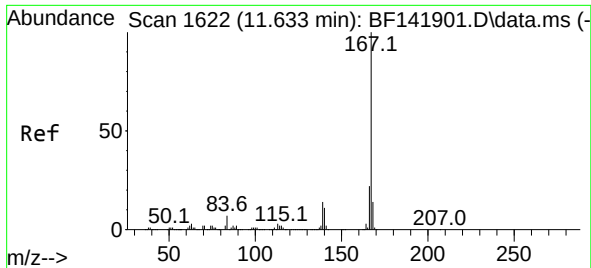
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.9 12.6 19.0

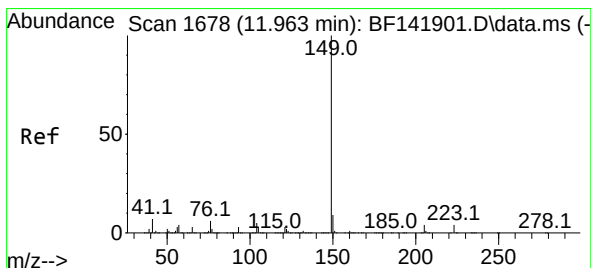
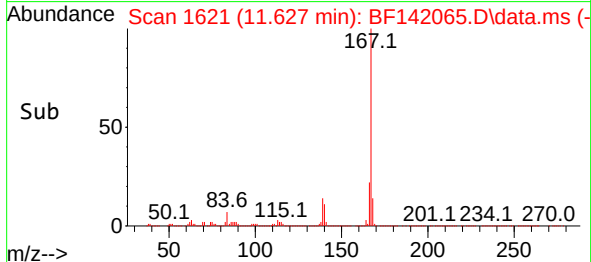
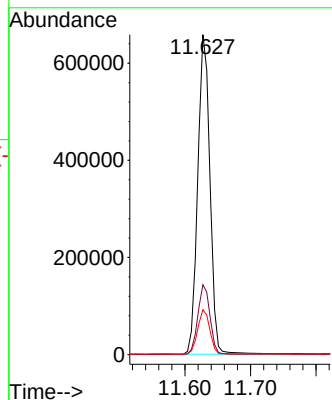
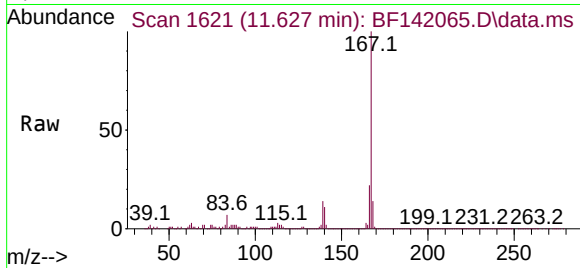




#73
 Carbazole
 Concen: 59.361 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142065.D
 Acq: 24 Mar 2025 20:22

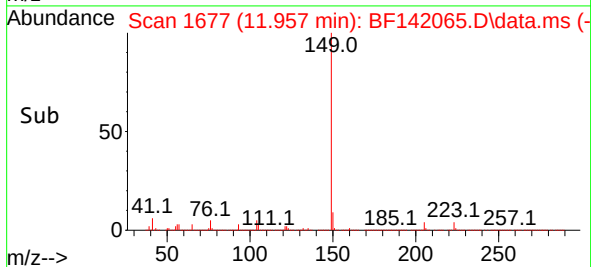
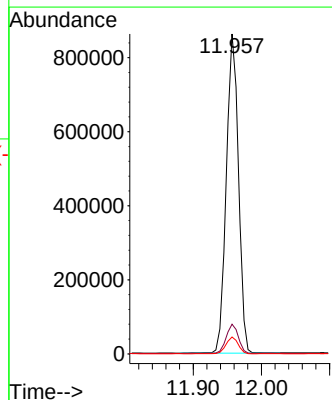
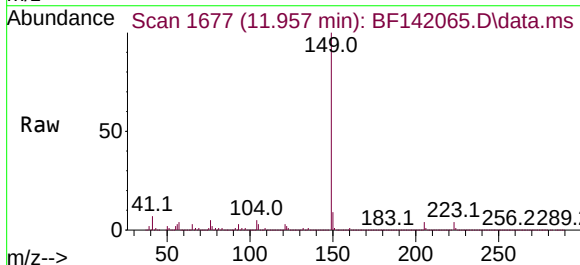
Instrument :
 BNA_F
 ClientSampleId :

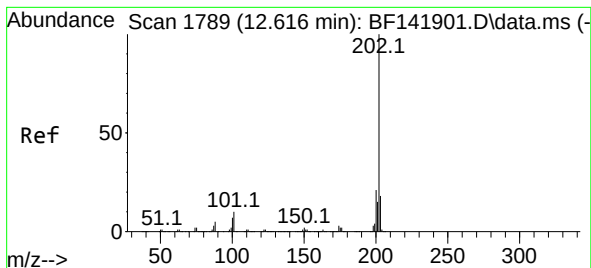
Tgt Ion:167 Resp: 848995
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 14.0 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 56.023 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142065.D
 Acq: 24 Mar 2025 20:22

Tgt Ion:149 Resp: 1063166
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 94.245 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

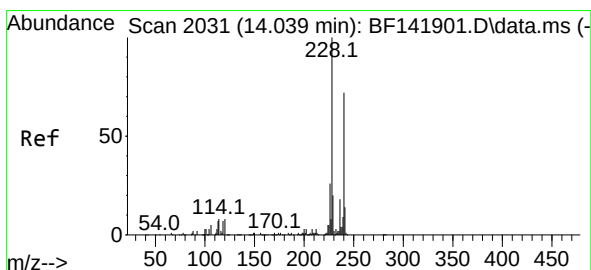
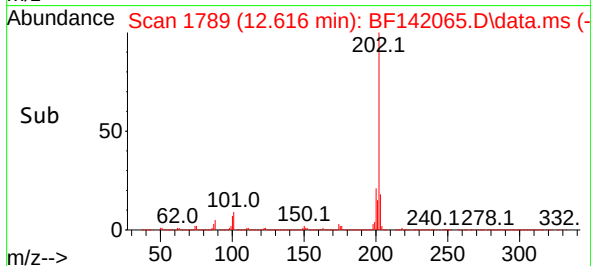
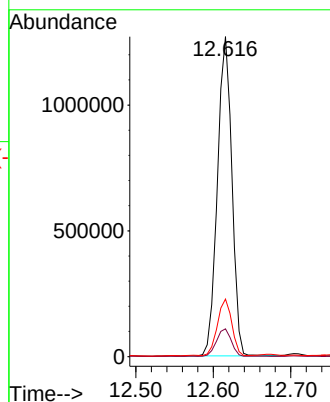
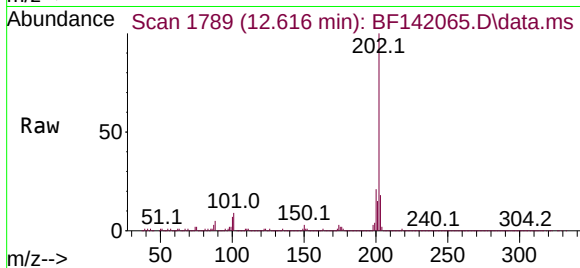
Tgt Ion:202 Resp: 1652559

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.7

203 18.0 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

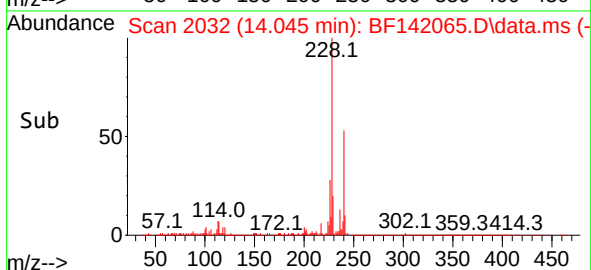
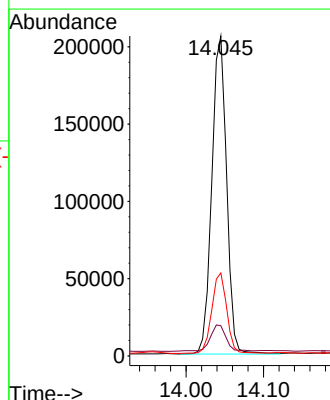
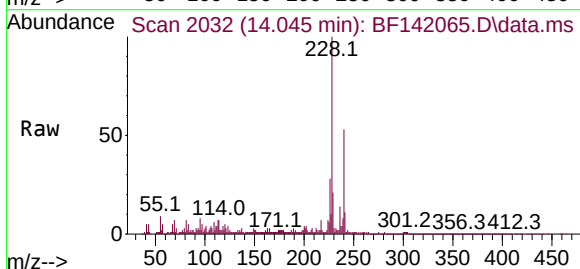
Tgt Ion:240 Resp: 273085

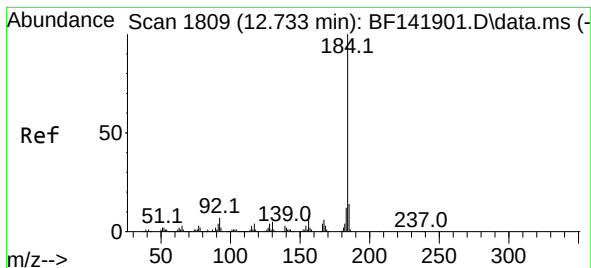
Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

236 25.9 20.5 30.7





#77

Benzidine

Concen: 24.989 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

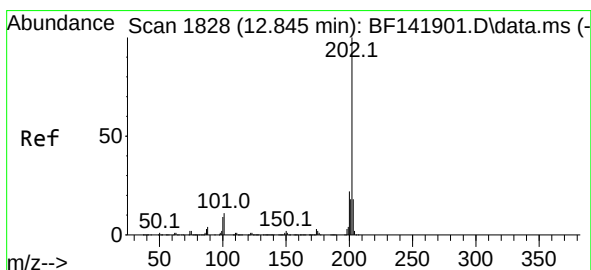
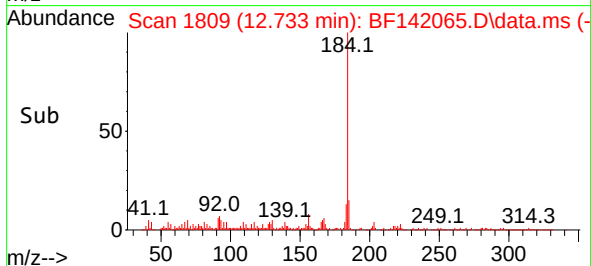
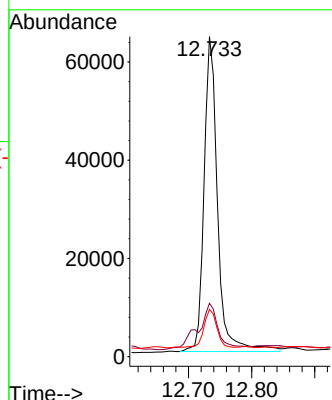
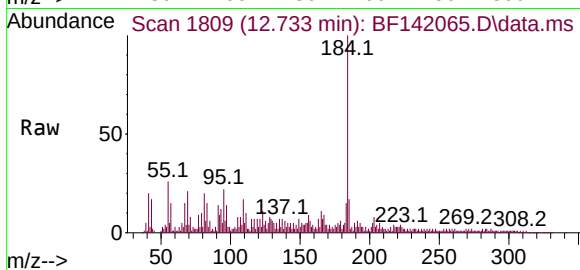
Tgt Ion:184 Resp: 95209

Ion Ratio Lower Upper

184 100

185 16.7 11.5 17.3

183 14.8 9.7 14.5#



#78

Pyrene

Concen: 69.890 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

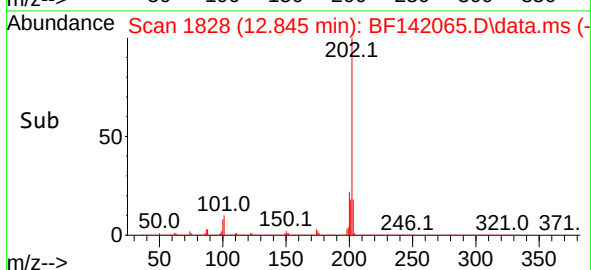
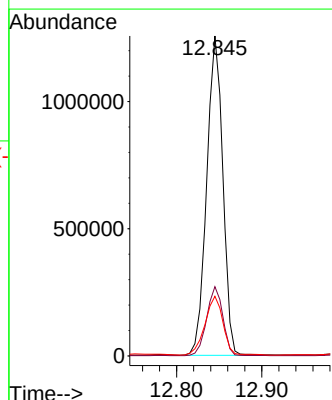
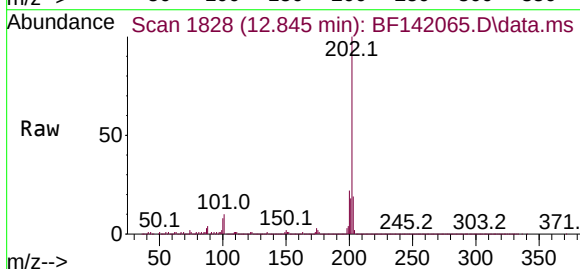
Tgt Ion:202 Resp: 1650947

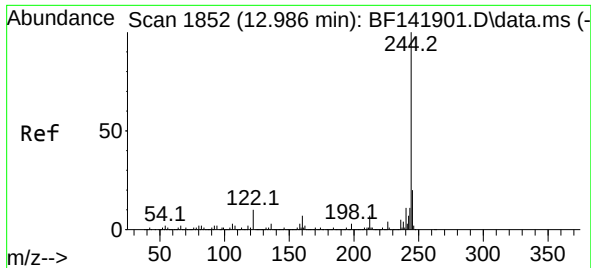
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 18.6 14.4 21.6

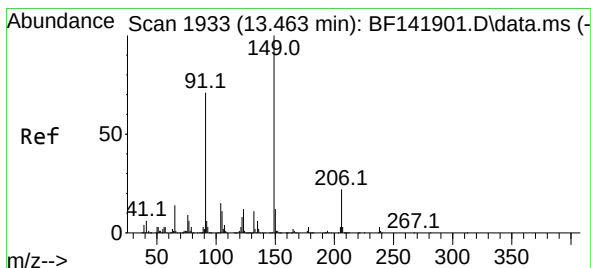
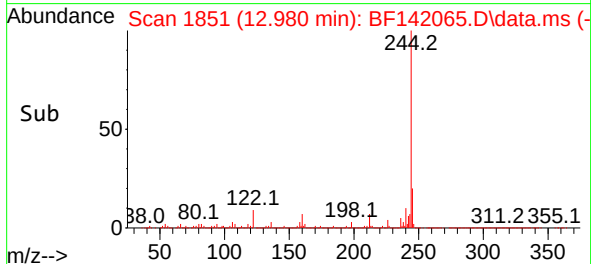
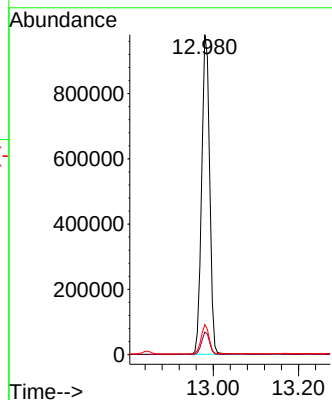
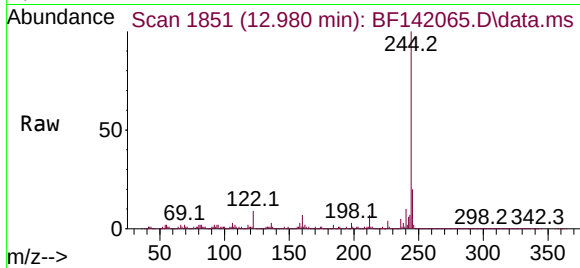




#79
 Terphenyl-d14
 Concen: 69.187 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142065.D
 Acq: 24 Mar 2025 20:22

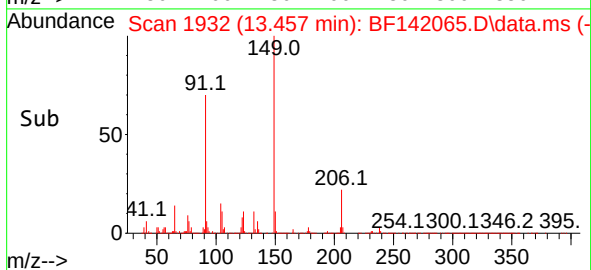
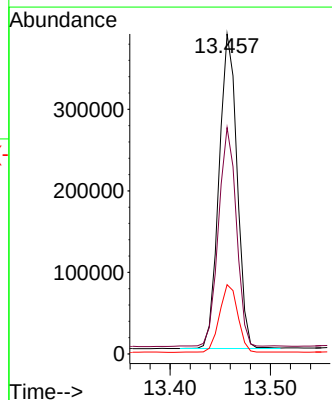
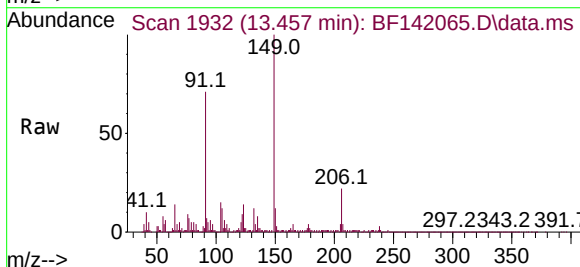
Instrument :
 BNA_F
 ClientSampleId :

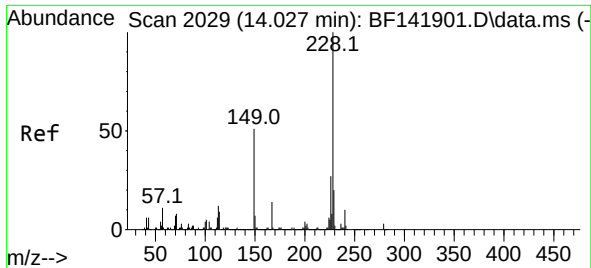
Tgt Ion:244 Resp: 1277960
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.4 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 52.328 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142065.D
 Acq: 24 Mar 2025 20:22

Tgt Ion:149 Resp: 483816
 Ion Ratio Lower Upper
 149 100
 91 70.7 56.5 84.7
 206 21.6 17.3 25.9

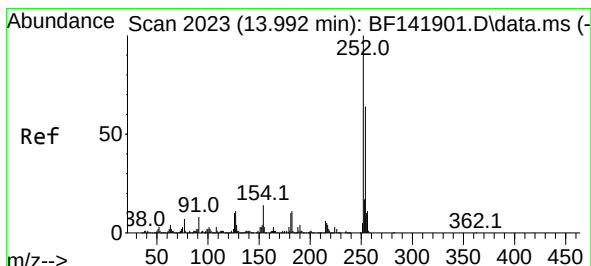
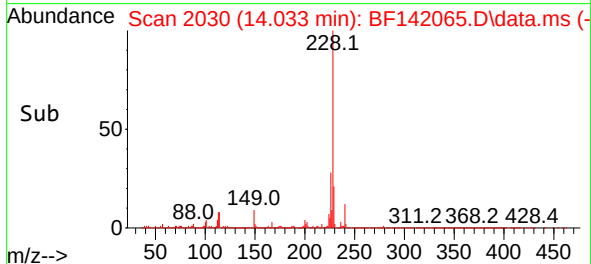
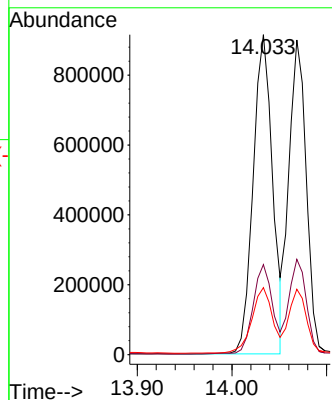
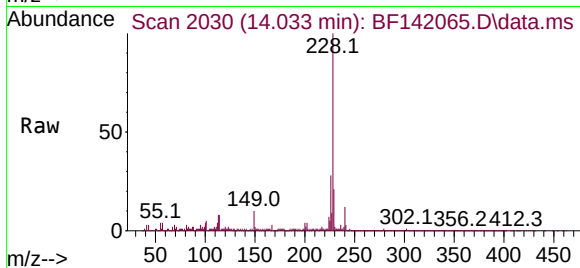




#81
Benzo(a)anthracene
Concen: 72.781 ng
RT: 14.033 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

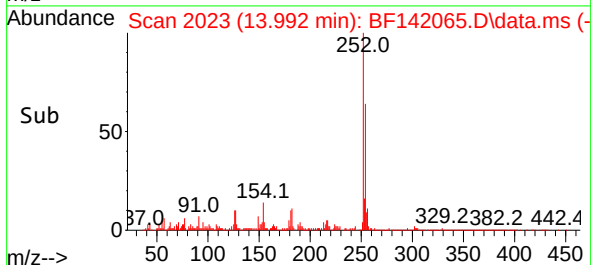
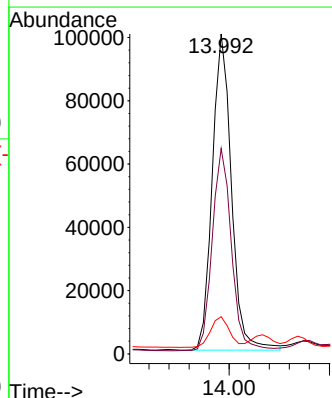
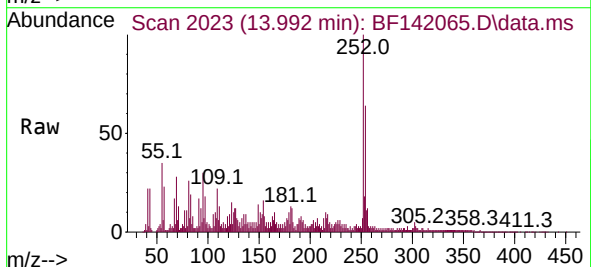
Instrument :
BNA_F
ClientSampleId :

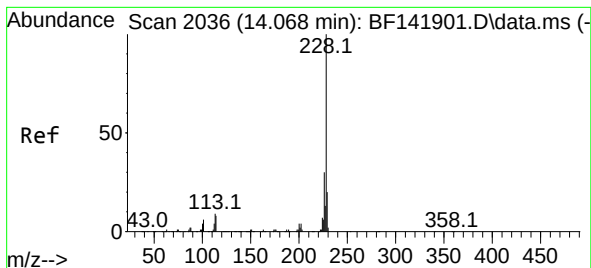
Tgt Ion:228 Resp: 1304237
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.8
229 20.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 25.660 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion:252 Resp: 132881
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.6
126 11.6 8.4 12.6





#83

Chrysene

Concen: 70.448 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

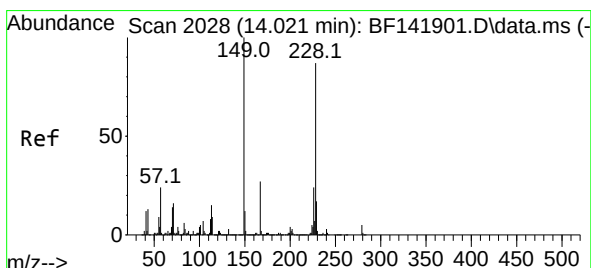
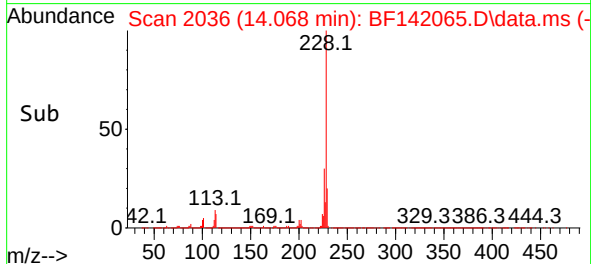
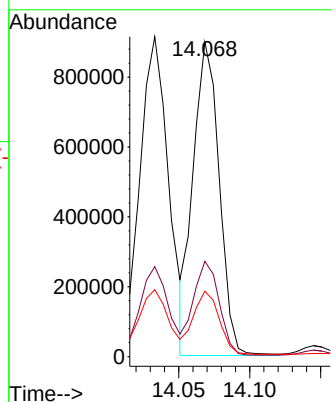
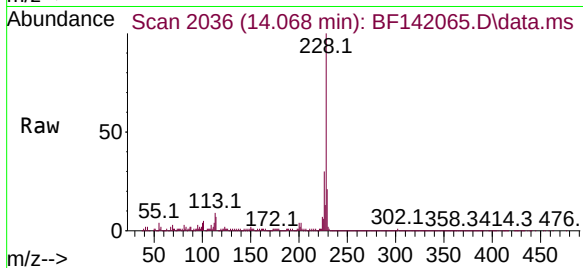
Tgt Ion:228 Resp: 1144339

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 20.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.431 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

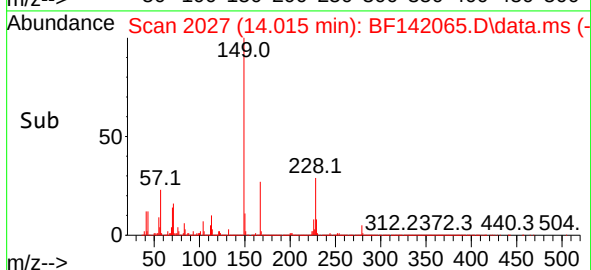
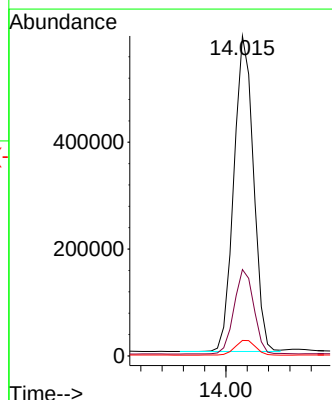
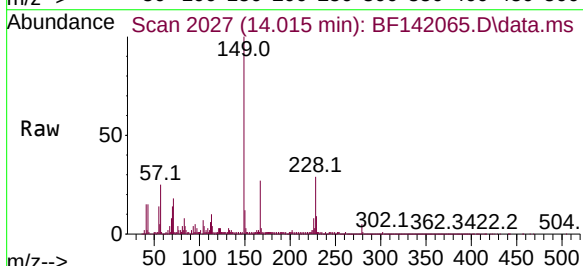
Tgt Ion:149 Resp: 757628

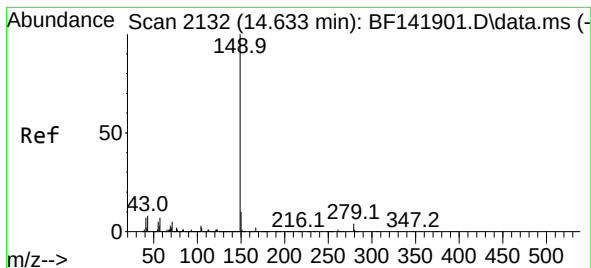
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 59.288 ng

RT: 14.627 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

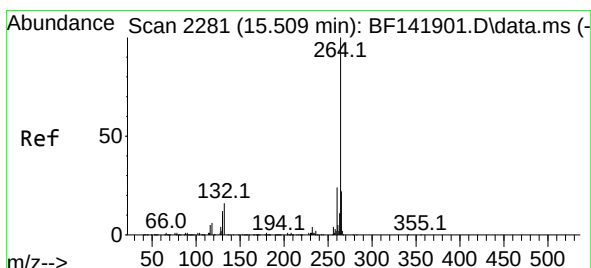
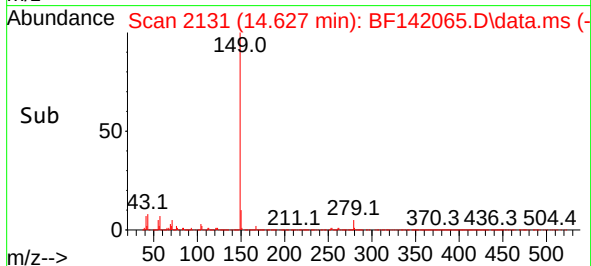
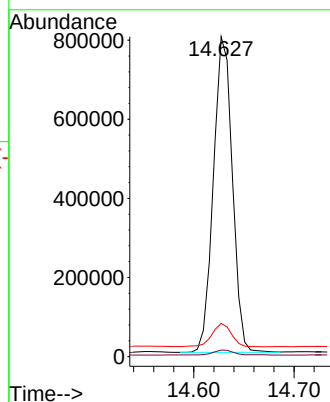
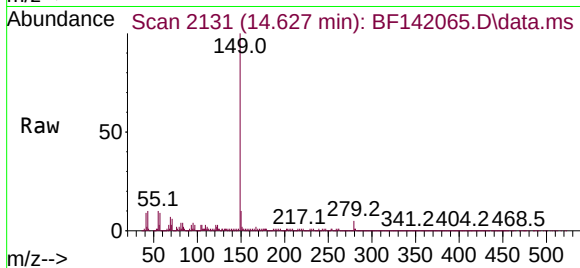
Tgt Ion:149 Resp: 1051613

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 7.5 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.012 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

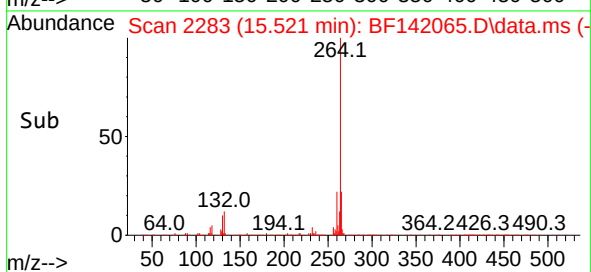
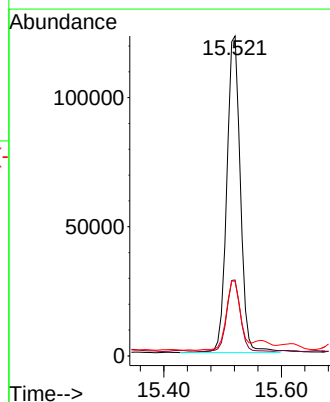
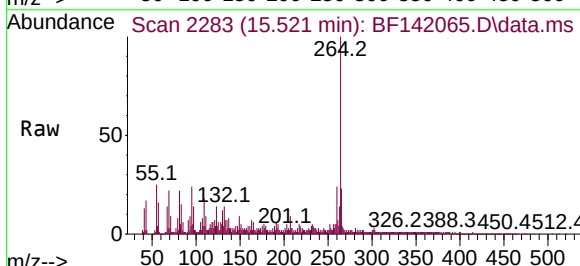
Tgt Ion:264 Resp: 196549

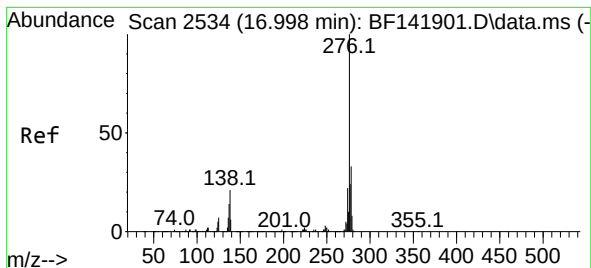
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 23.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.660 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

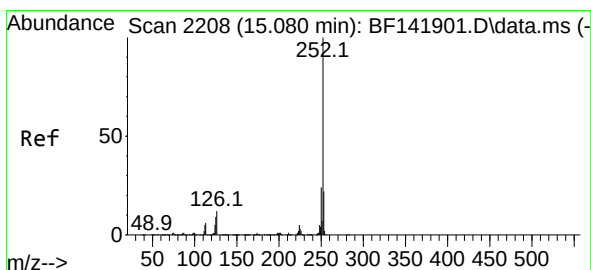
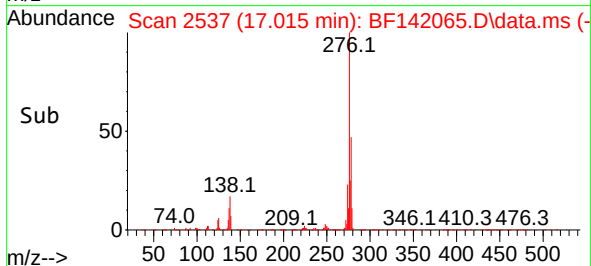
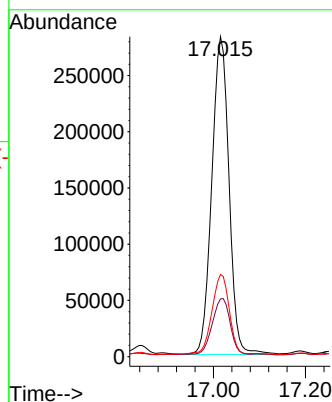
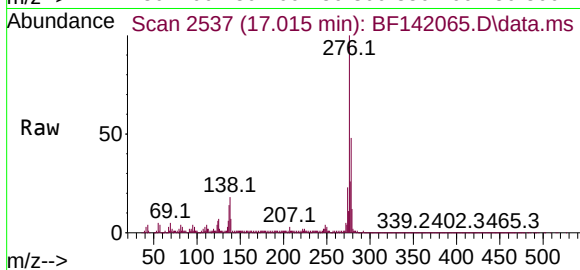
Tgt Ion:276 Resp: 733112

Ion Ratio Lower Upper

276 100

138 18.0 18.4 27.6#

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 78.378 ng

RT: 15.086 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

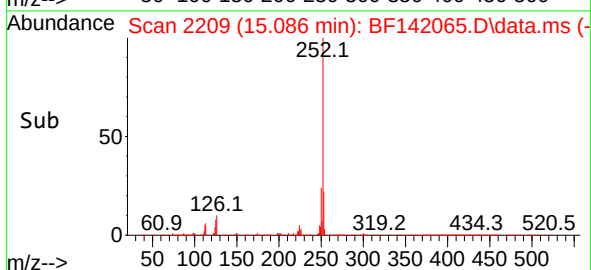
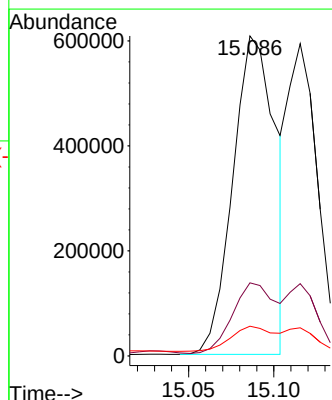
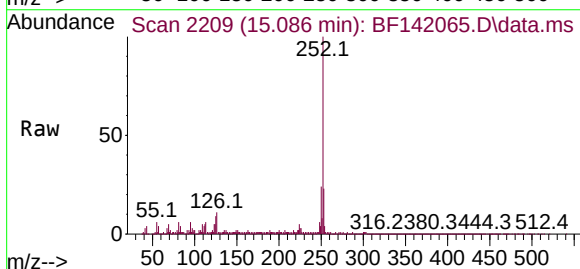
Tgt Ion:252 Resp: 1055801

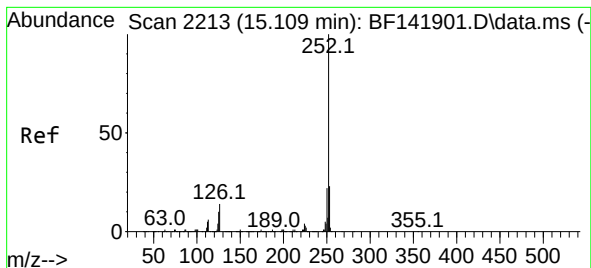
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 9.3 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 61.886 ng

RT: 15.115 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

Instrument :

BNA_F

ClientSampleId :

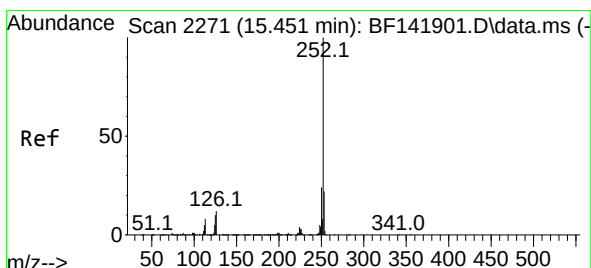
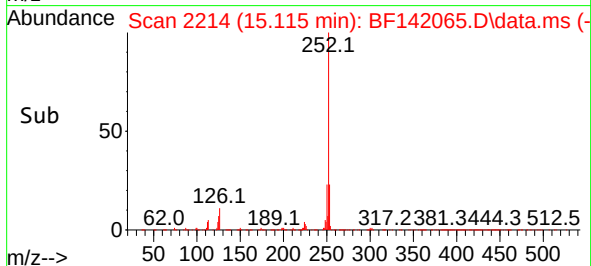
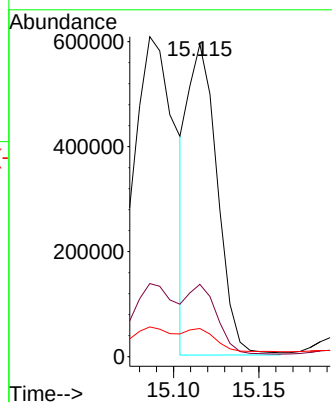
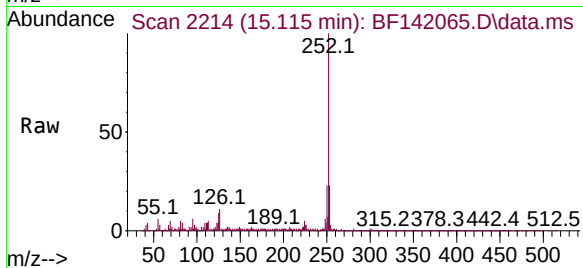
Tgt Ion:252 Resp: 713413

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 9.0 7.2 10.8



#90

Benzo(a)pyrene

Concen: 75.359 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF142065.D

Acq: 24 Mar 2025 20:22

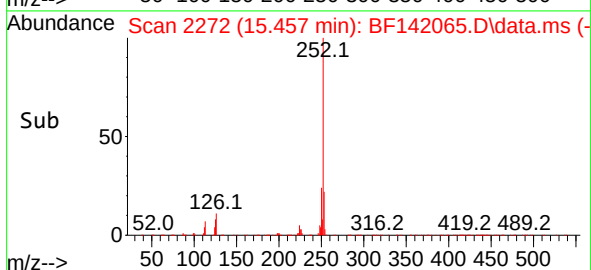
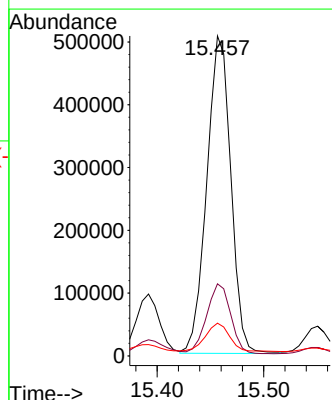
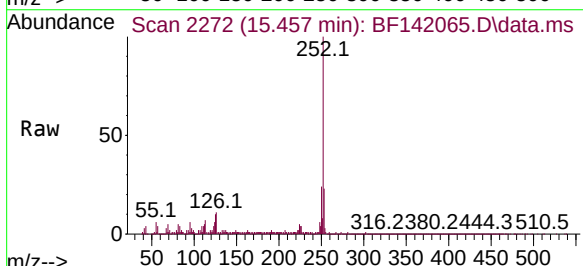
Tgt Ion:252 Resp: 794301

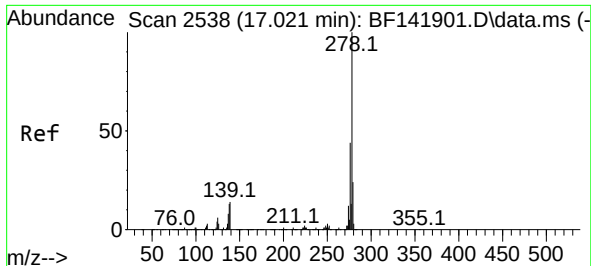
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 10.2 7.8 11.8

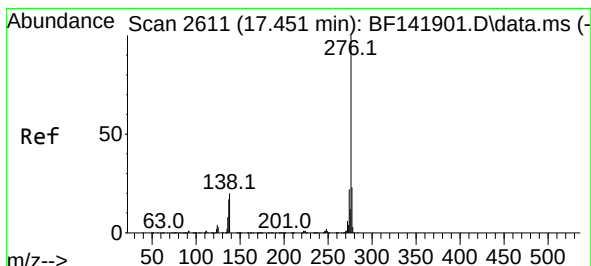
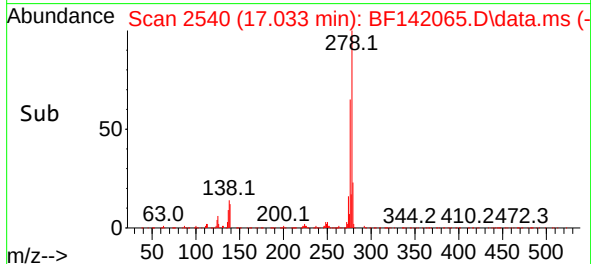
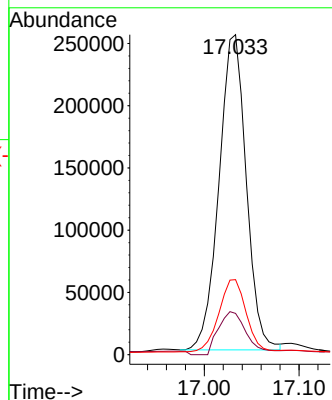
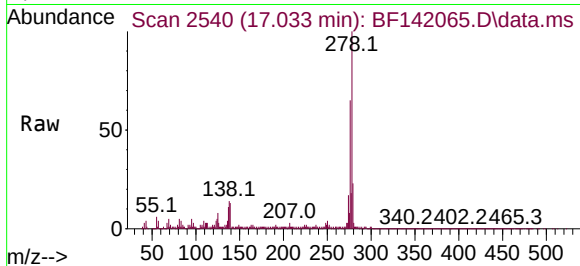




#91
Dibenzo(a,h)anthracene
Concen: 48.367 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 507392
Ion Ratio Lower Upper
278 100
139 12.9 11.4 17.2
279 23.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 58.570 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.018 min
Lab File: BF142065.D
Acq: 24 Mar 2025 20:22

Tgt Ion:276 Resp: 607171
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 16.9 15.8 23.8

