

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142050.D
 Acq On : 24 Mar 2025 12:56
 Operator : RC/JU
 Sample : Q1592-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 13:27:44 2025
 Quant Method : Z:\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	136452	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	529624	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	299190	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	483350	20.000	ng	0.00
76) Chrysene-d12	14.033	240	280820	20.000	ng	0.00
86) Perylene-d12	15.510	264	323085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1051905	128.660	ng	0.02
7) Phenol-d6	6.504	99	1200065	115.284	ng	0.00
23) Nitrobenzene-d5	7.439	82	907220	96.398	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	563001	148.329	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1849080	93.990	ng	0.00
79) Terphenyl-d14	12.980	244	1939948	102.134	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	138985	40.571	ng	# 83
3) Pyridine	3.557	79	298989	35.581	ng	98
4) n-Nitrosodimethylamine	3.475	42	155652	38.858	ng	96
6) Aniline	6.540	93	129860	12.646	ng	91
8) 2-Chlorophenol	6.663	128	387594	42.745	ng	98
9) Benzaldehyde	6.428	77	60922	10.464	ng	99
10) Phenol	6.522	94	399442	36.474	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	341586	41.539	ng	99
12) 1,3-Dichlorobenzene	6.816	146	394150	40.262	ng	98
13) 1,4-Dichlorobenzene	6.892	146	400033	40.387	ng	100
14) 1,2-Dichlorobenzene	7.045	146	385425	41.313	ng	99
15) Benzyl Alcohol	7.016	79	350359	41.632	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	371670	37.438	ng	97
17) 2-Methylphenol	7.128	107	308044	42.726	ng	99
18) Hexachloroethane	7.387	117	148192	39.898	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	265807	39.739	ng	100
20) 3+4-Methylphenols	7.281	107	386066	41.806	ng	# 73
22) Acetophenone	7.287	105	590844	46.585	ng	100
24) Nitrobenzene	7.457	77	401280	42.891	ng	98
25) Isophorone	7.698	82	736783	44.289	ng	98
26) 2-Nitrophenol	7.775	139	211036	45.959	ng	97
27) 2,4-Dimethylphenol	7.804	122	340113	53.791	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	443220	42.478	ng	99
29) 2,4-Dichlorophenol	8.010	162	348635	44.423	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	368426	42.598	ng	99
31) Naphthalene	8.181	128	1133594	41.667	ng	100
32) Benzoic acid	7.916	122	185093	33.302	ng	97
33) 4-Chloroaniline	8.222	127	58769	6.119	ng	98
34) Hexachlorobutadiene	8.292	225	245953	43.606	ng	98
35) Caprolactam	8.592	113	90198	37.697	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	368024	42.038	ng	99
37) 2-Methylnaphthalene	8.869	142	752873	41.401	ng	100
38) 1-Methylnaphthalene	8.969	142	736822	41.989	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	454182	49.860	ng	98
41) Hexachlorocyclopentadiene	9.022	237	456084	127.936	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	272953	45.850	ng	100

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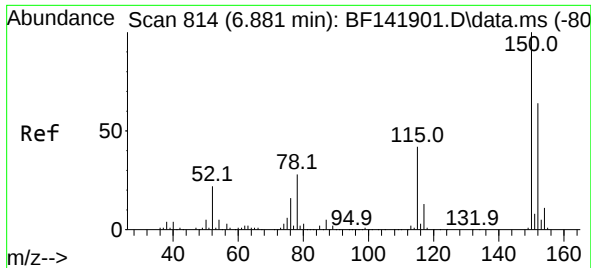
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	269379	44.678	ng	99
46) 1,1'-Biphenyl	9.333	154	1110047	48.830	ng	99
47) 2-Chloronaphthalene	9.357	162	760194	44.865	ng	99
48) 2-Nitroaniline	9.451	65	215308	43.887	ng	99
49) Acenaphthylene	9.775	152	1163044	46.255	ng	99
50) Dimethylphthalate	9.633	163	922137	44.013	ng	100
51) 2,6-Dinitrotoluene	9.692	165	200597	45.984	ng	96
52) Acenaphthene	9.945	154	813557	46.041	ng	100
53) 3-Nitroaniline	9.863	138	54456	12.306	ng	94
54) 2,4-Dinitrophenol	9.969	184	137779	57.594	ng	# 48
55) Dibenzofuran	10.116	168	1078560	42.718	ng	99
56) 4-Nitrophenol	10.022	139	253637	76.007	ng	97
57) 2,4-Dinitrotoluene	10.098	165	270058	47.398	ng	99
58) Fluorene	10.463	166	854786	43.901	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	239213	43.600	ng	97
60) Diethylphthalate	10.333	149	888860	42.547	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	448629	44.195	ng	98
62) 4-Nitroaniline	10.475	138	172345	40.006	ng	98
63) Azobenzene	10.610	77	782943	40.310	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	116086	40.287	ng	98
66) n-Nitrosodiphenylamine	10.569	169	734278	46.944	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	287118	47.299	ng	99
68) Hexachlorobenzene	11.010	284	328431	49.331	ng	95
69) Atrazine	11.098	200	269834	56.274	ng	98
70) Pentachlorophenol	11.204	266	327259	79.780	ng	100
71) Phenanthrene	11.422	178	1206054	46.196	ng	99
72) Anthracene	11.475	178	1203257	45.939	ng	100
73) Carbazole	11.627	167	950796	42.092	ng	100
74) Di-n-butylphthalate	11.957	149	1261275	42.081	ng	99
75) Fluoranthene	12.610	202	1121539	40.498	ng	99
77) Benzidine	12.727	184	145586	37.159	ng	# 90
78) Pyrene	12.839	202	1095162	45.085	ng	99
80) Butylbenzylphthalate	13.457	149	395545	41.603	ng	97
81) Benzo(a)anthracene	14.027	228	874296	47.445	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	43042	8.083	ng	99
83) Chrysene	14.063	228	779432	46.662	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	522392	39.850	ng	100
85) Di-n-octyl phthalate	14.621	149	903717	49.546	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	936139	44.792	ng	98
88) Benzo(b)fluoranthene	15.074	252	924617	41.757	ng	100
89) Benzo(k)fluoranthene	15.110	252	828896	43.743	ng	99
90) Benzo(a)pyrene	15.445	252	821941	47.440	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	750990	43.551	ng	99
92) Benzo(g,h,i)perylene	17.451	276	691669	40.590	ng	97

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

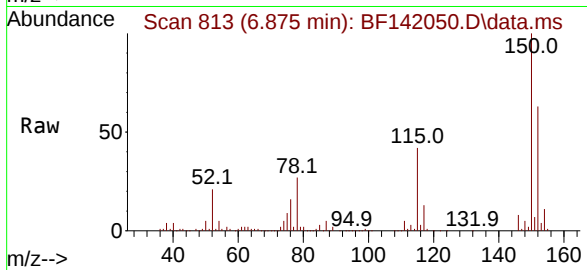
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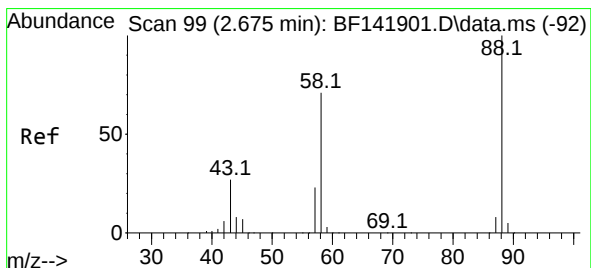
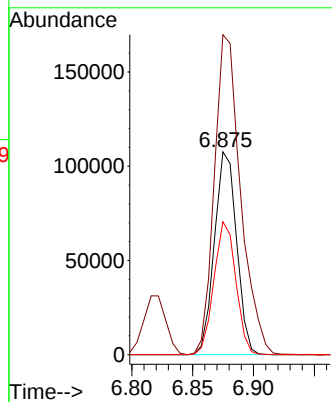
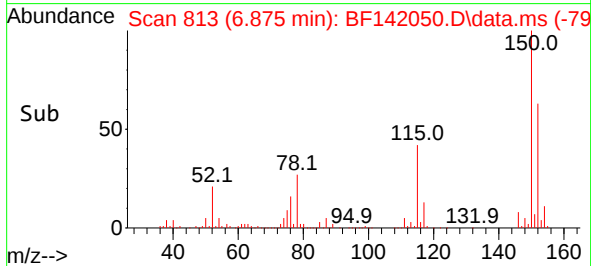


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF142050.D
 Acq: 24 Mar 2025 12:56

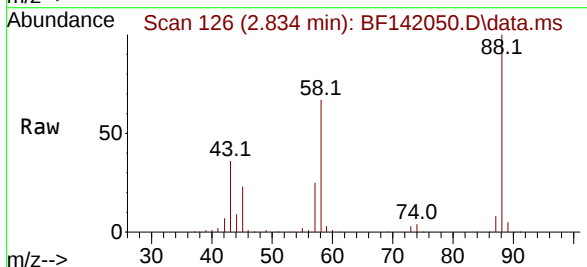
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 BNA_F
 ClientSampleId :



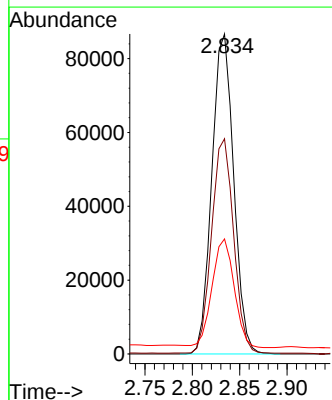
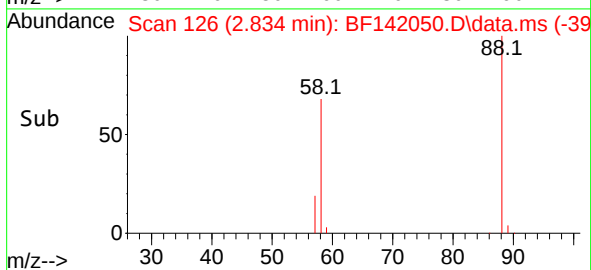
Tgt Ion:152 Resp: 136452
 Ion Ratio Lower Upper
 152 100
 150 157.8 127.4 191.2
 115 65.5 51.9 77.9

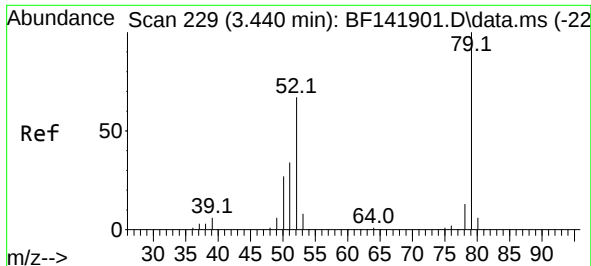


#2
 1,4-Dioxane
 Concen: 40.571 ng
 RT: 2.834 min Scan# 126
 Delta R.T. 0.159 min
 Lab File: BF142050.D
 Acq: 24 Mar 2025 12:56



Tgt Ion: 88 Resp: 138985
 Ion Ratio Lower Upper
 88 100
 58 68.7 57.4 86.2
 43 0.0 21.5 32.3

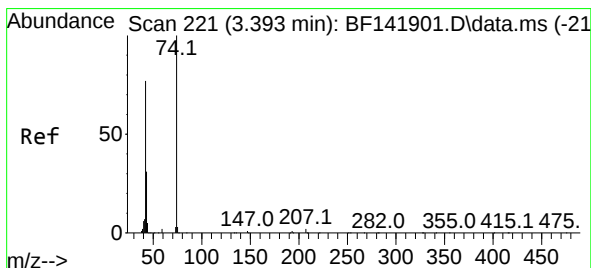
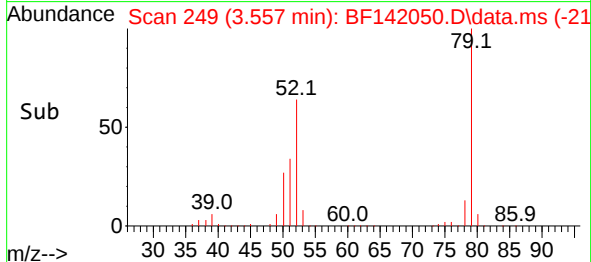
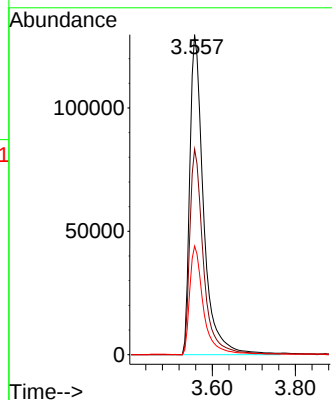
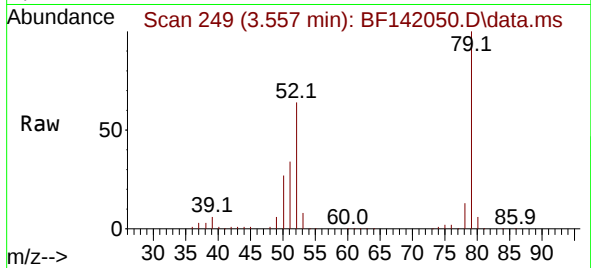




#3
Pyridine
Concen: 35.581 ng
RT: 3.557 min Scan# 24
Delta R.T. 0.118 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

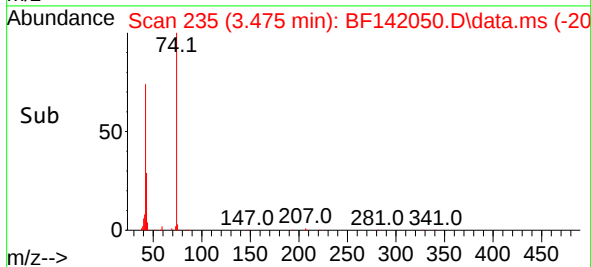
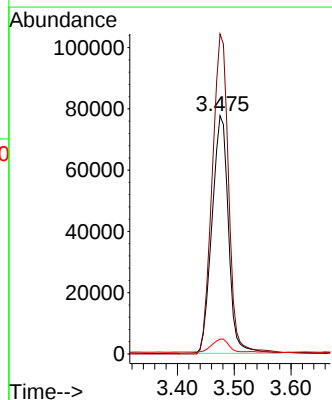
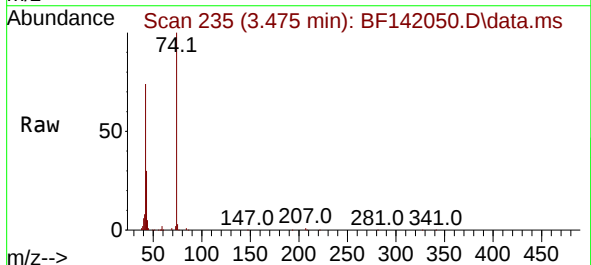
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BNA_F
ClientSampleId :

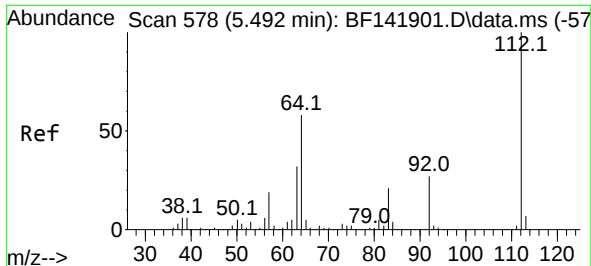
Tgt Ion: 79 Resp: 298989
Ion Ratio Lower Upper
79 100
52 64.3 53.3 79.9
51 33.9 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 38.858 ng
RT: 3.475 min Scan# 235
Delta R.T. 0.082 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion: 42 Resp: 155652
Ion Ratio Lower Upper
42 100
74 134.3 103.4 155.0
44 6.3 5.0 7.4

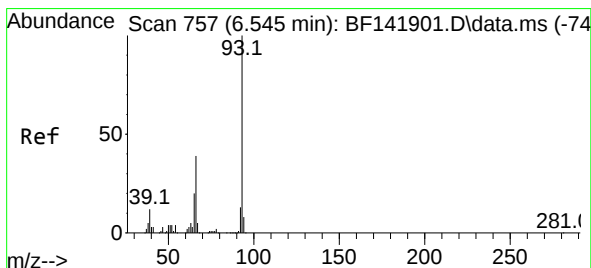
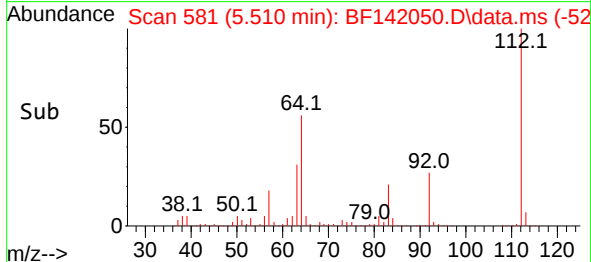
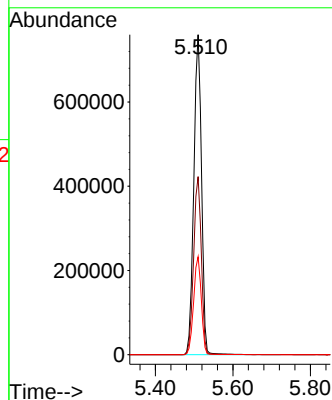
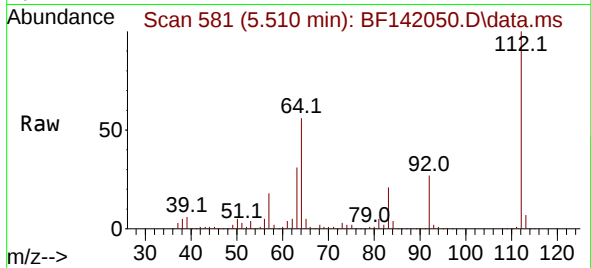




#5
2-Fluorophenol
Concen: 128.660 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

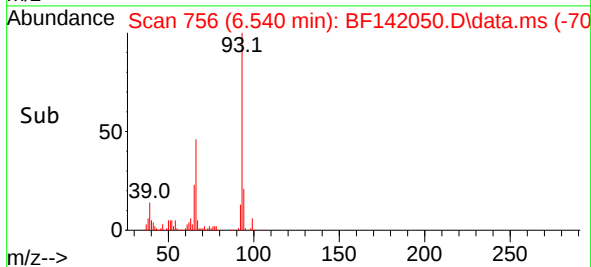
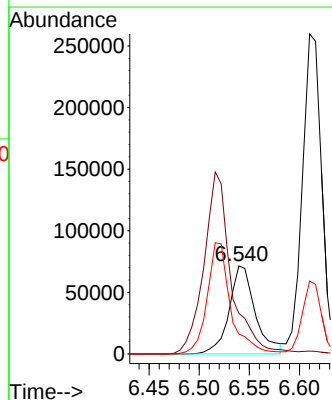
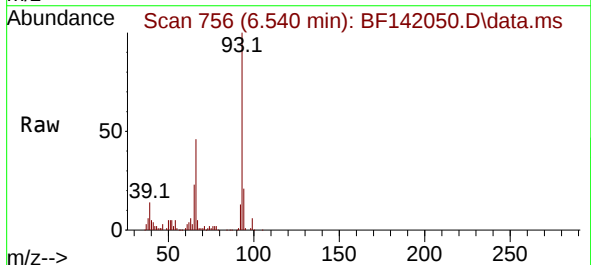
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ClientSampleId :

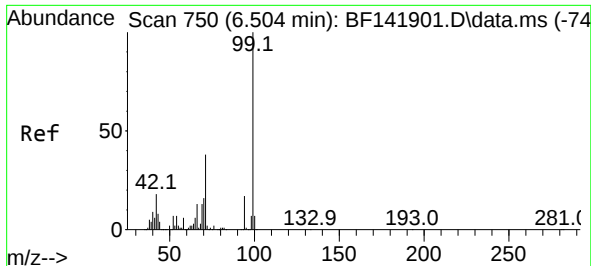
Tgt Ion:112 Resp: 1051905
Ion Ratio Lower Upper
112 100
64 55.7 46.5 69.7
63 30.6 25.4 38.2



#6
Aniline
Concen: 12.646 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion: 93 Resp: 129860
Ion Ratio Lower Upper
93 100
66 46.0 31.9 47.9
65 22.6 15.8 23.6

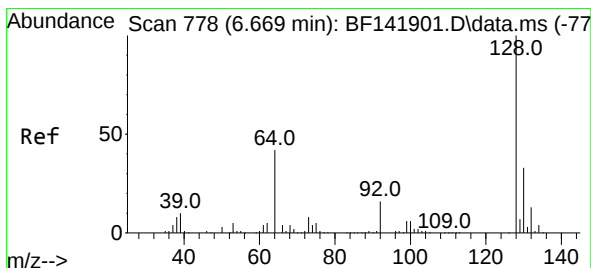
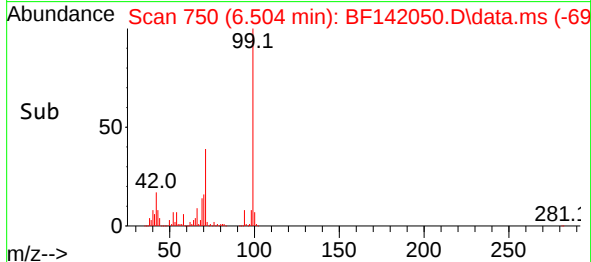
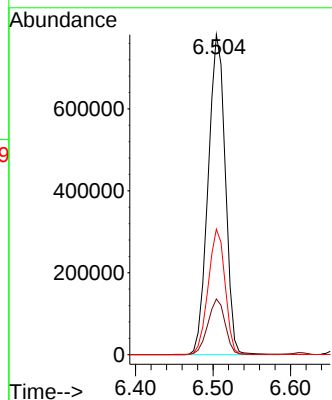
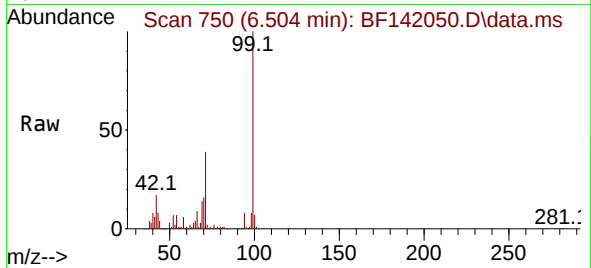




#7
Phenol-d6
Concen: 115.284 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

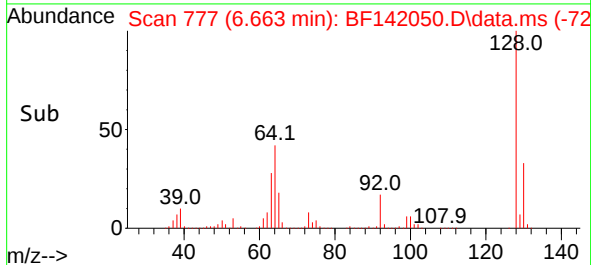
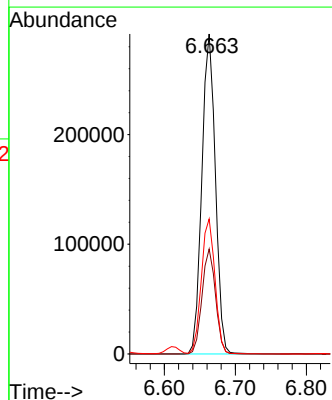
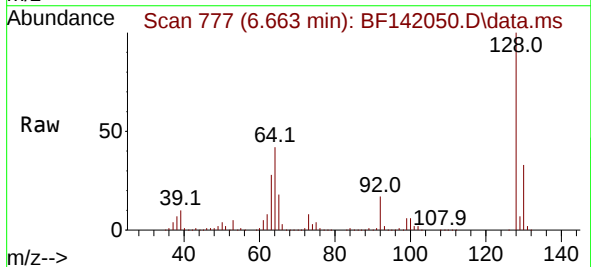
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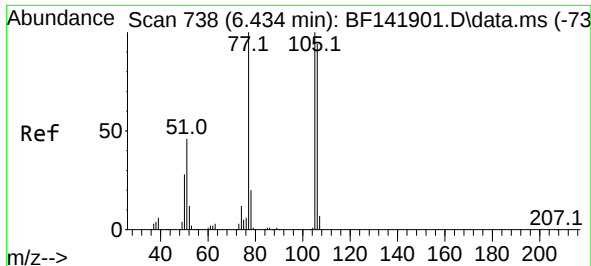
Tgt Ion: 99 Resp: 1200065
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 39.2 30.8 46.2



#8
2-Chlorophenol
Concen: 42.745 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion: 128 Resp: 387594
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 42.2 24.4 64.4

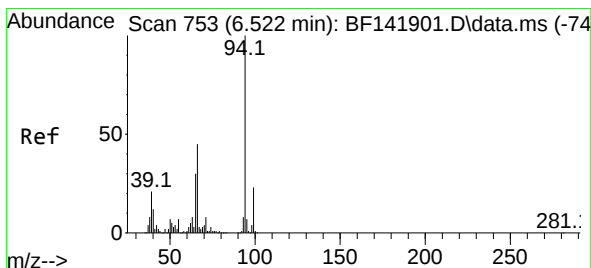
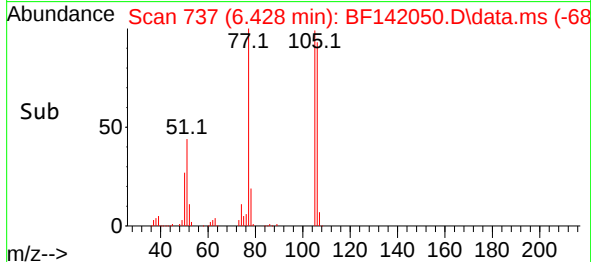
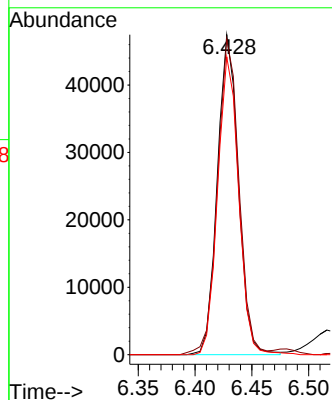
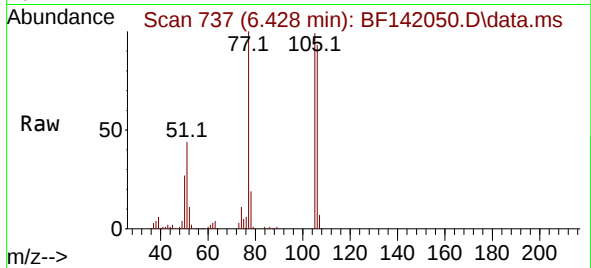




#9
Benzaldehyde
Concen: 10.464 ng
RT: 6.428 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

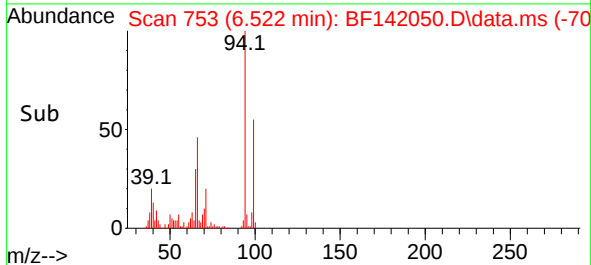
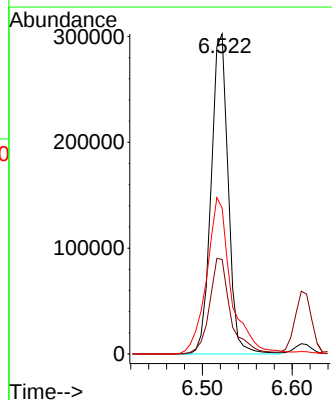
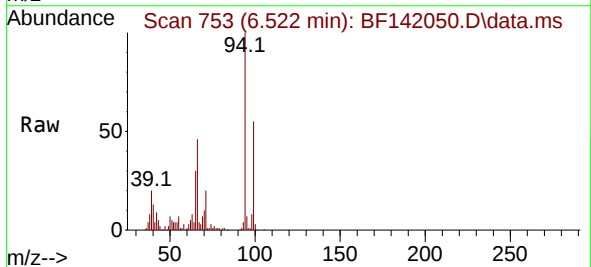
Instrument :
BNA_F
ClientSampleId :

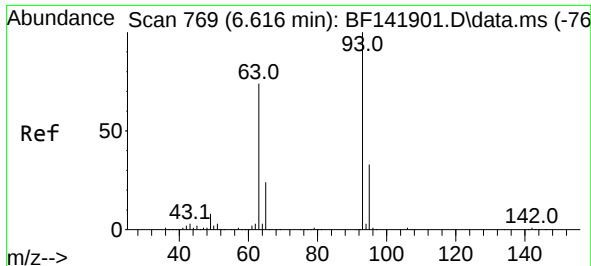
Tgt Ion: 77 Resp: 60922
Ion Ratio Lower Upper
77 100
105 98.7 80.0 120.0
106 93.1 74.5 114.5



#10
Phenol
Concen: 36.474 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

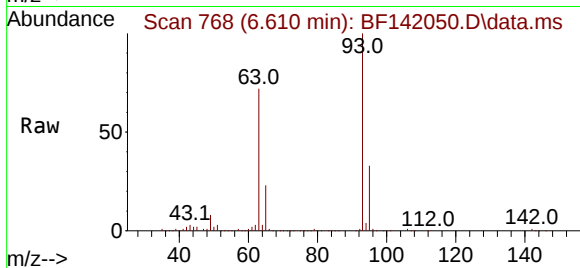
Tgt Ion: 94 Resp: 399442
Ion Ratio Lower Upper
94 100
65 29.5 10.5 50.5
66 45.6 25.8 65.8



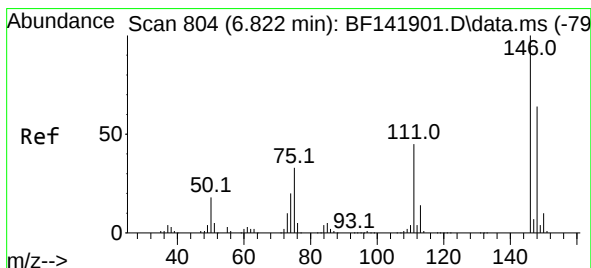
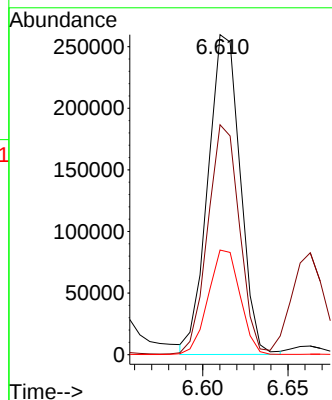
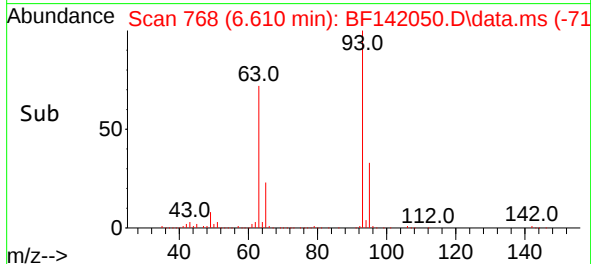


#11
bis(2-Chloroethyl)ether
Concen: 41.539 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Instrument :
BNA_F
ClientSampleId :

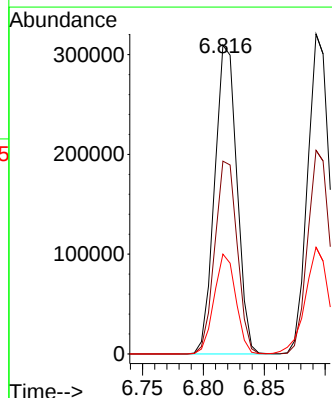
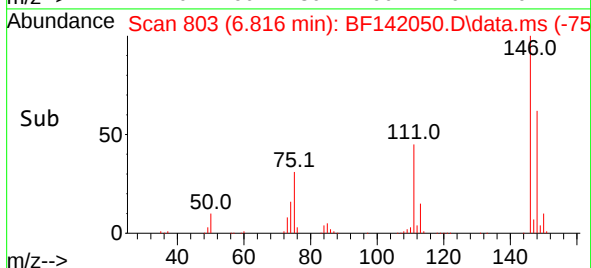
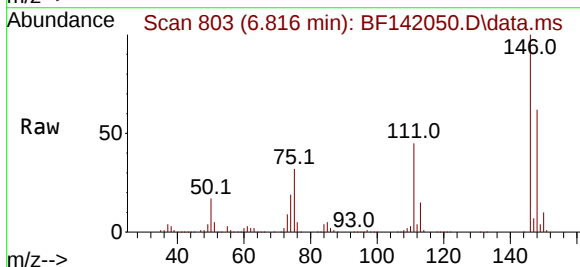


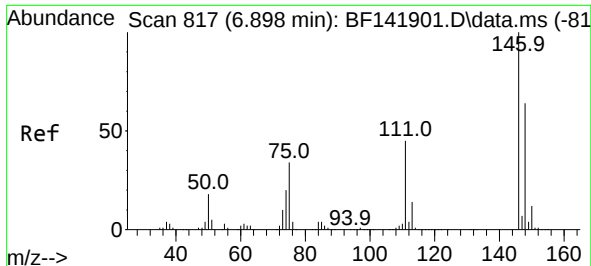
Tgt Ion: 93 Resp: 341586
Ion Ratio Lower Upper
93 100
63 71.9 53.0 93.0
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.262 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:146 Resp: 394150
Ion Ratio Lower Upper
146 100
148 62.4 51.3 76.9
75 32.3 26.6 40.0

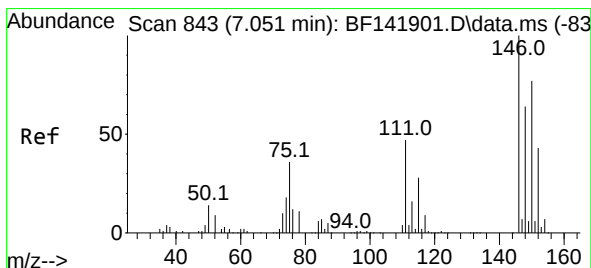
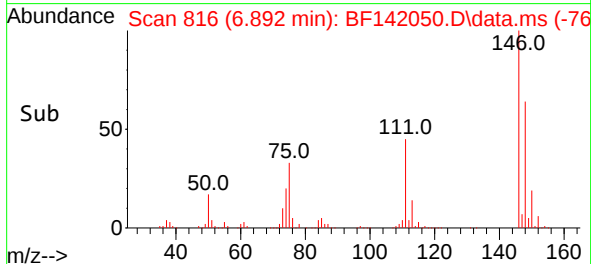
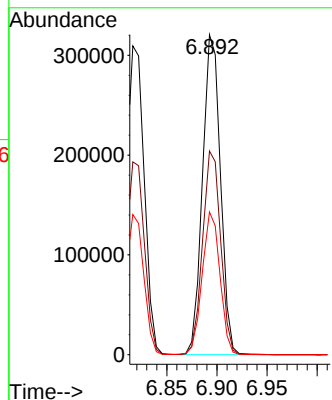
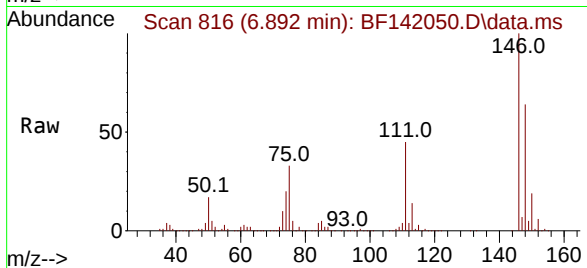




#13
1,4-Dichlorobenzene
Concen: 40.387 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

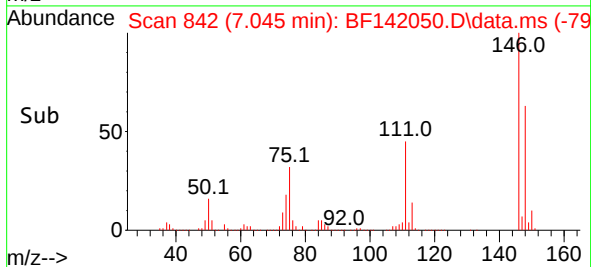
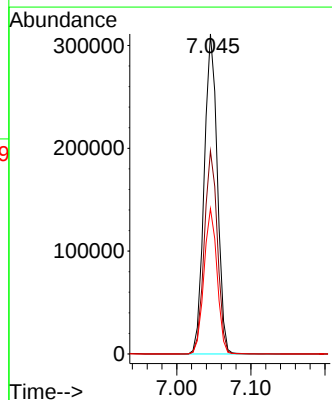
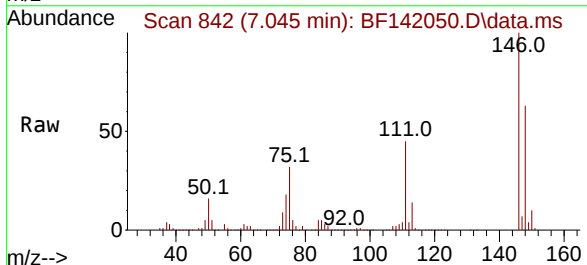
Instrument :
BNA_F
ClientSampleId :

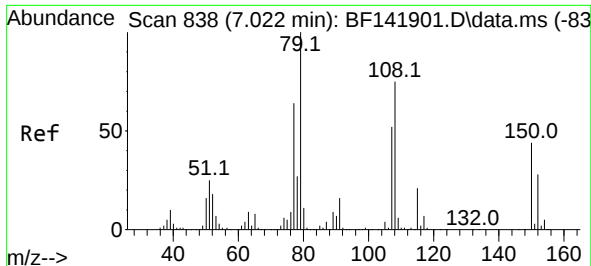
Tgt Ion:146 Resp: 400033
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 44.6 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 41.313 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:146 Resp: 385425
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
111 45.4 38.0 57.0





#15

Benzyl Alcohol

Concen: 41.632 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

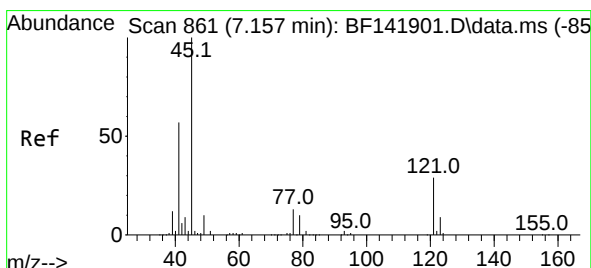
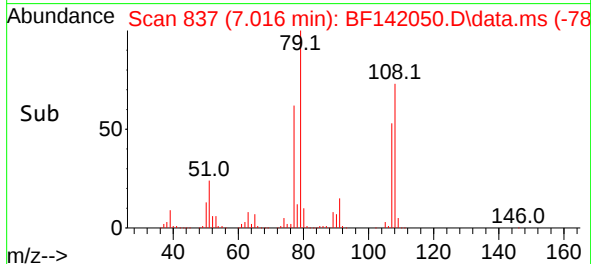
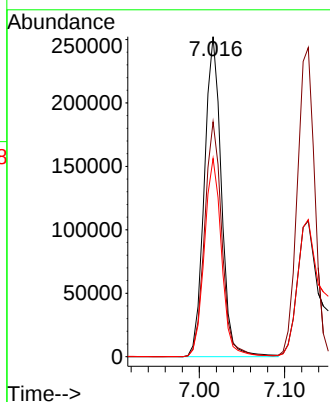
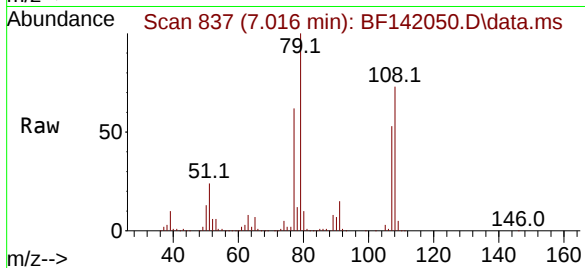
Tgt Ion: 79 Resp: 350359

Ion Ratio Lower Upper

79 100

108 73.4 59.7 89.5

77 62.0 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.438 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

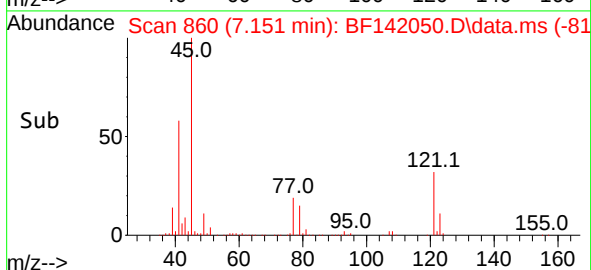
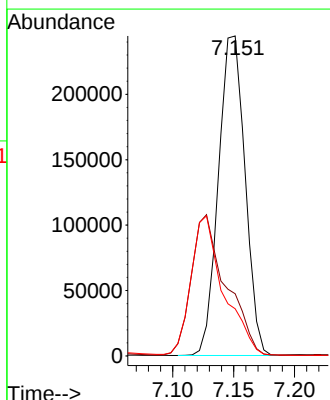
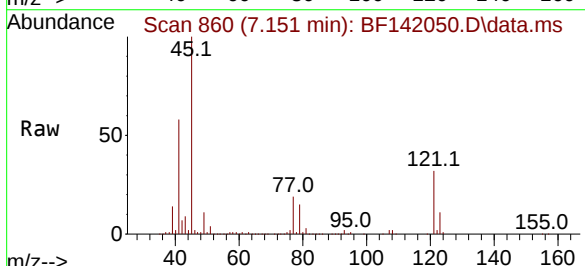
Tgt Ion: 45 Resp: 371670

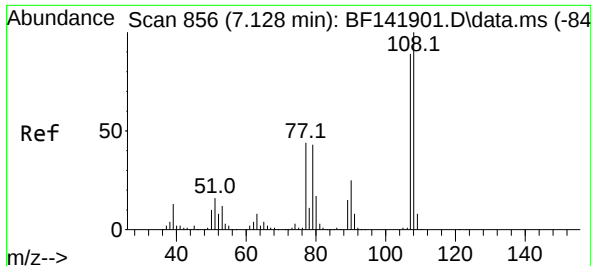
Ion Ratio Lower Upper

45 100

77 19.4 0.0 37.8

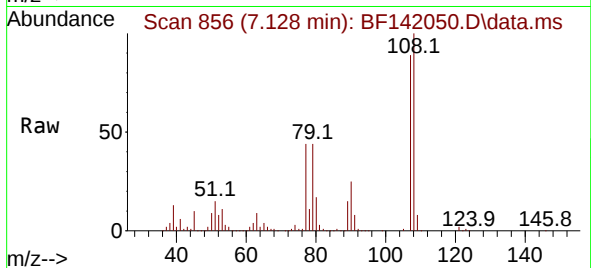
79 14.8 0.0 34.2



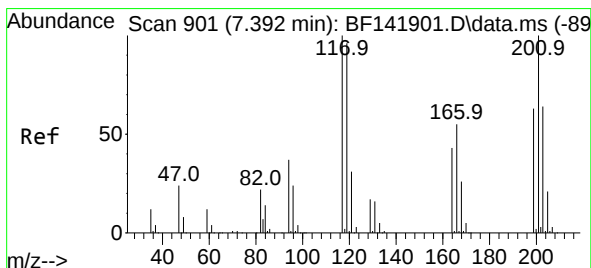
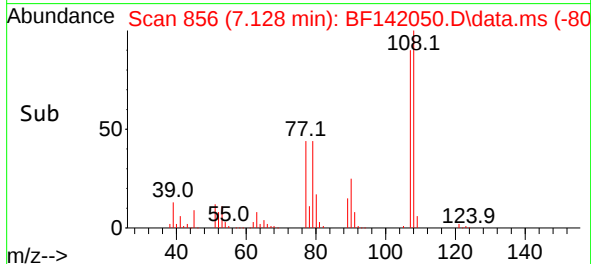
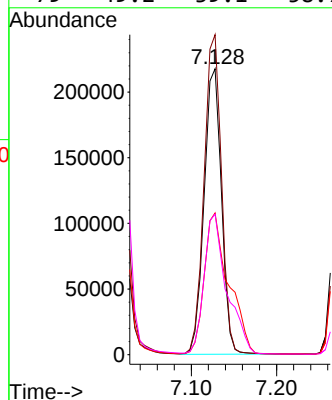


#17
2-Methylphenol
Concen: 42.726 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Instrument :
BNA_F
ClientSampleId :

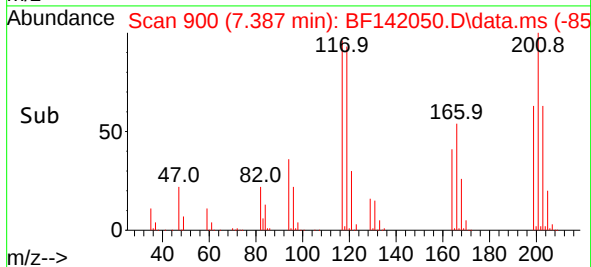
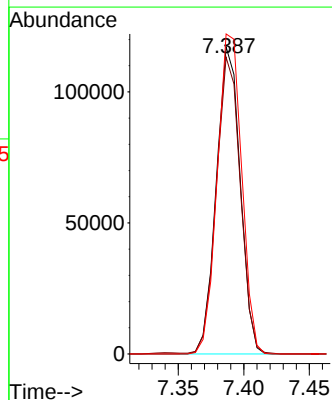
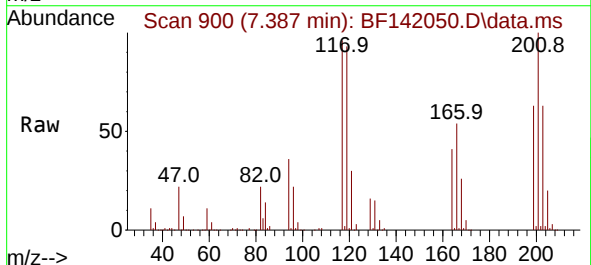


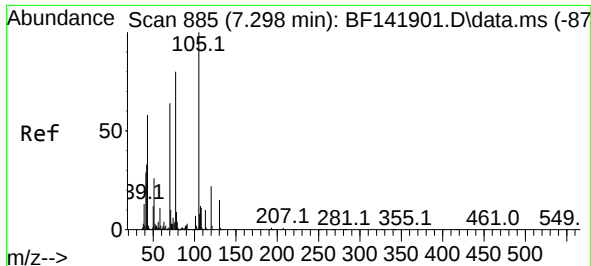
Tgt Ion:	107	Resp:	308044
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.2	135.2
77	49.6	39.6	59.4
79	49.2	39.1	58.7



#18
Hexachloroethane
Concen: 39.898 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:	117	Resp:	148192
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.9	115.3
201	104.2	79.9	119.9

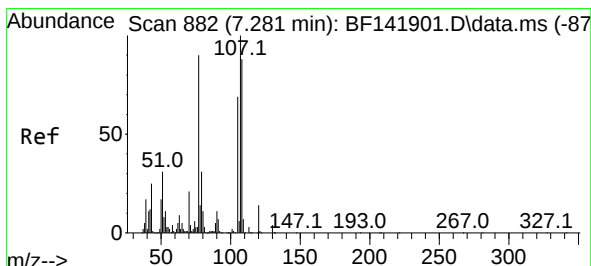
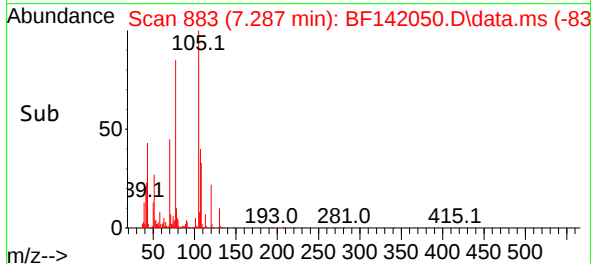
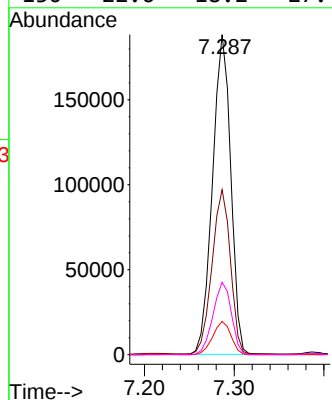
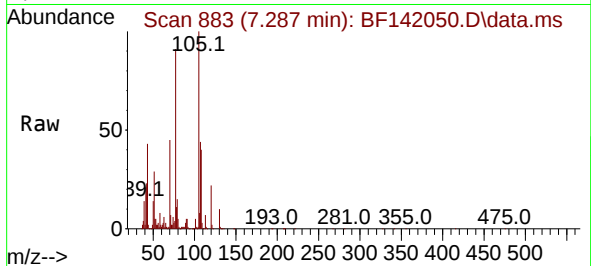




#19
n-Nitroso-di-n-propylamine
Concen: 39.739 ng
RT: 7.287 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

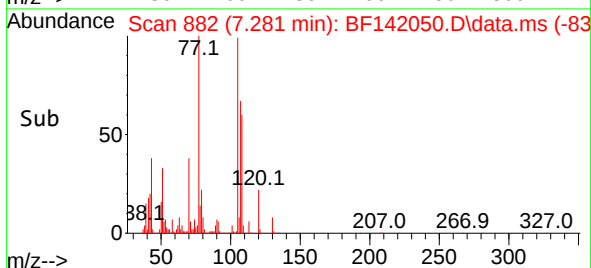
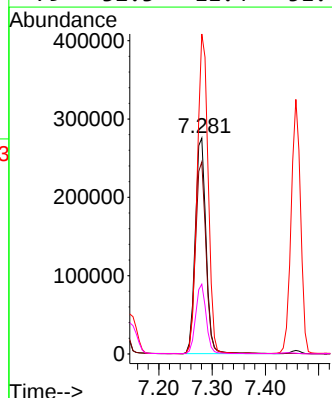
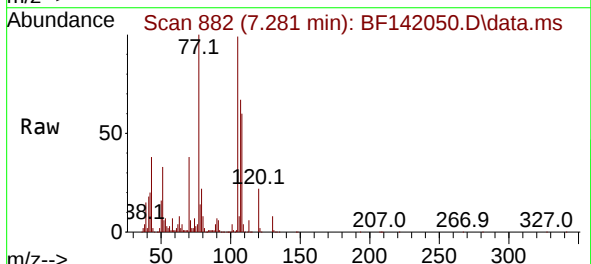
Instrument :
BNA_F
ClientSampleId :

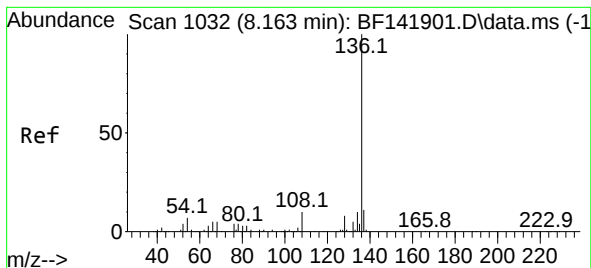
Tgt Ion: 70 Resp: 265807
Ion Ratio Lower Upper
70 100
42 51.6 41.4 62.0
101 10.4 8.2 12.2
130 22.6 18.2 27.4



#20
3+4-Methylphenols
Concen: 41.806 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:107 Resp: 386066
Ion Ratio Lower Upper
107 100
108 88.9 68.4 108.4
77 148.2 69.7 109.7#
79 32.3 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

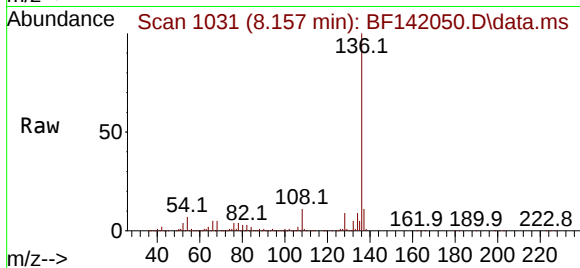
Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 529624

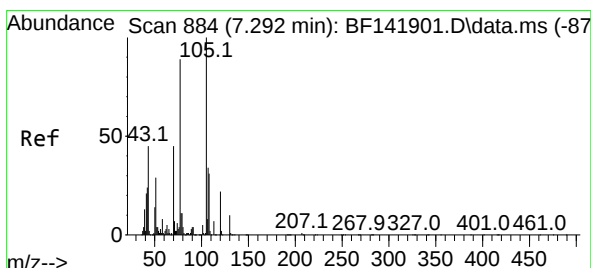
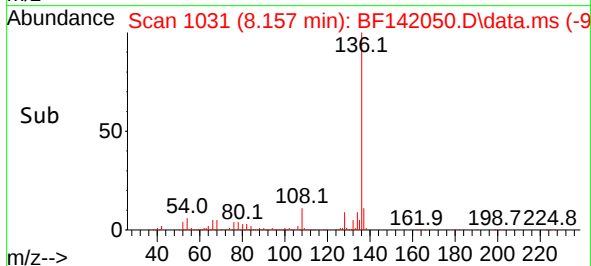
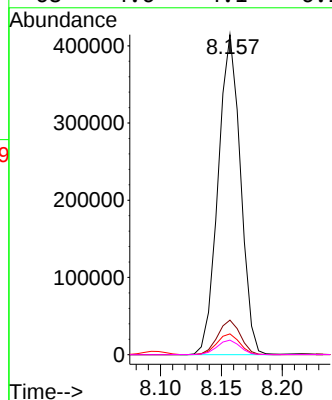
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.5 5.8 8.8

68 4.6 4.1 6.1



#22

Acetophenone

Concen: 46.585 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Tgt Ion:105 Resp: 590844

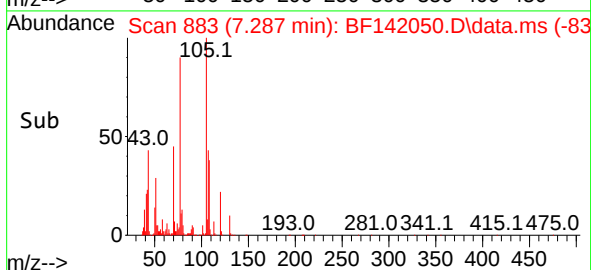
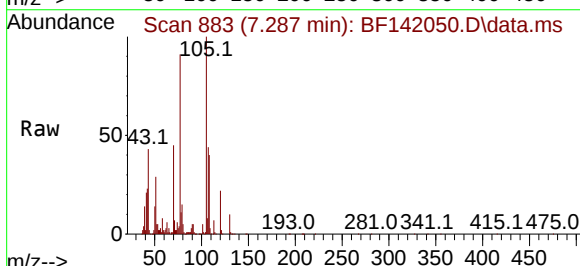
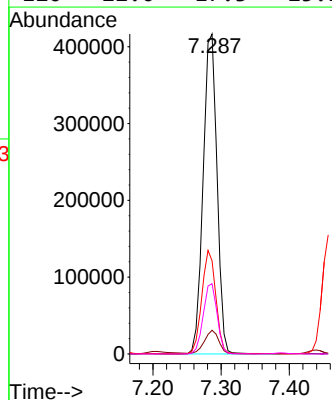
Ion Ratio Lower Upper

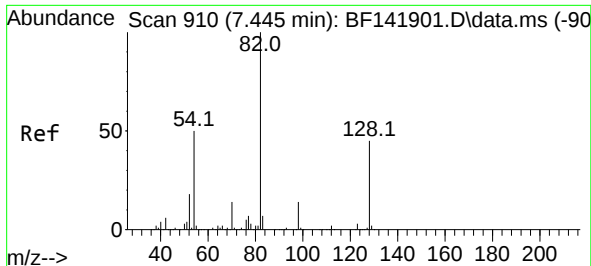
105 100

71 7.4 5.8 8.8

51 29.2 23.4 35.0

120 22.0 17.3 25.9





#23

Nitrobenzene-d5

Concen: 96.398 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

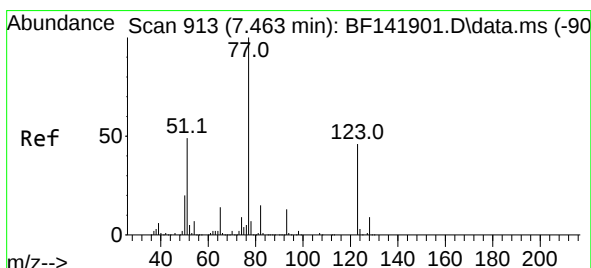
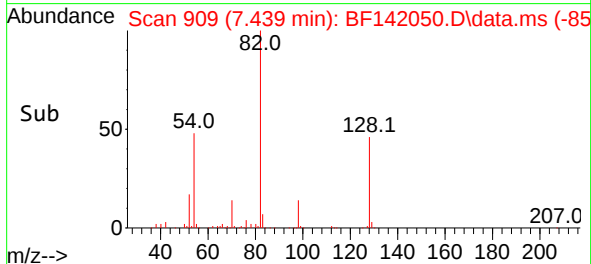
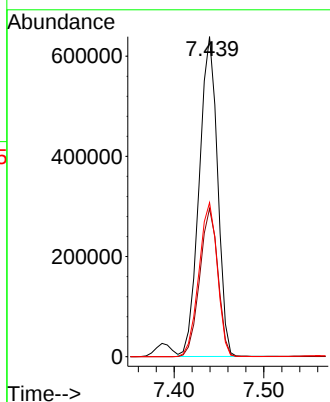
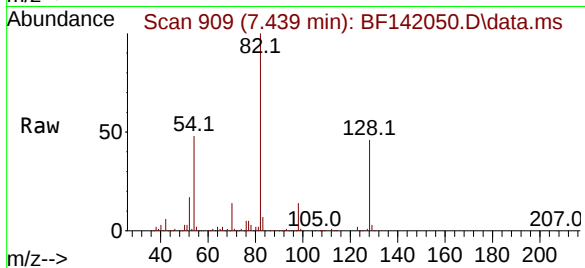
Tgt Ion: 82 Resp: 907220

Ion Ratio Lower Upper

82 100

128 46.3 36.0 54.0

54 48.1 39.6 59.4



#24

Nitrobenzene

Concen: 42.891 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

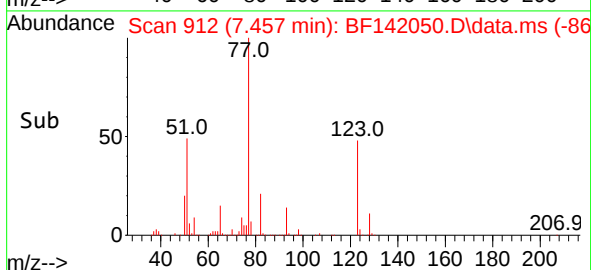
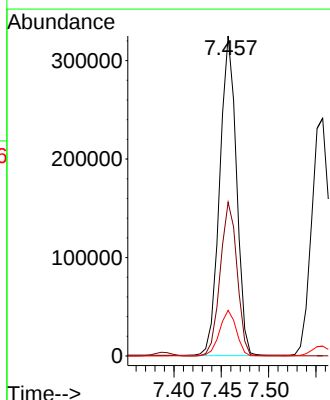
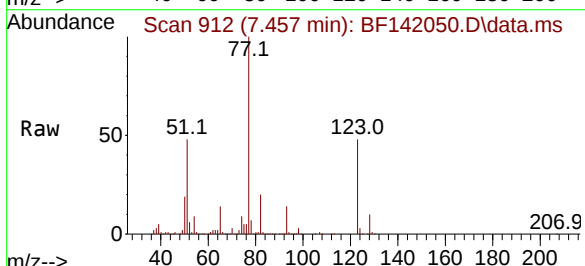
Tgt Ion: 77 Resp: 401280

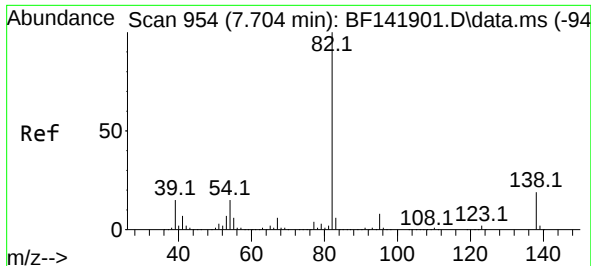
Ion Ratio Lower Upper

77 100

123 48.0 37.0 55.4

65 14.2 11.3 16.9

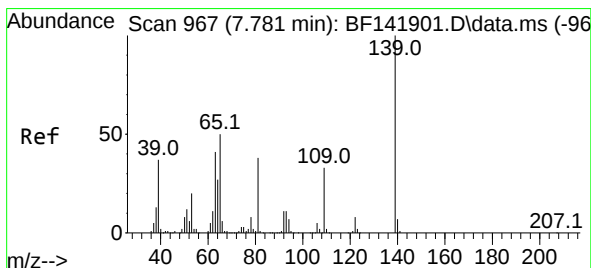
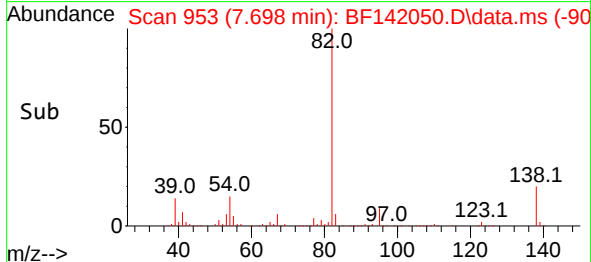
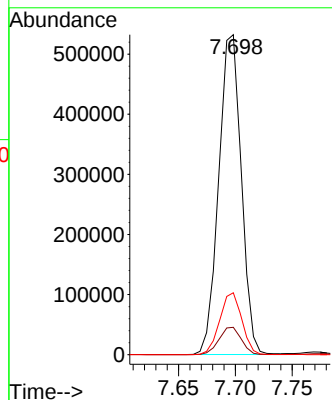
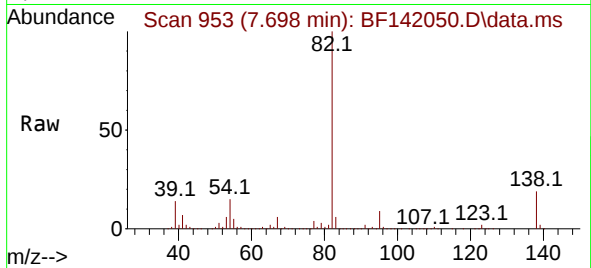




#25
Isophorone
Concen: 44.289 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

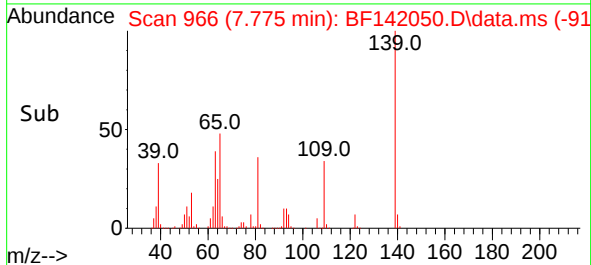
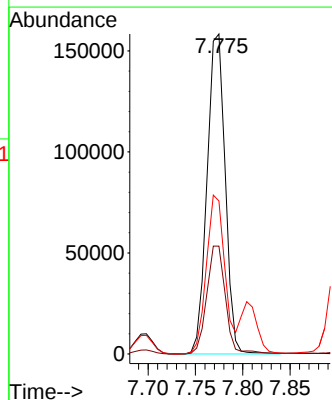
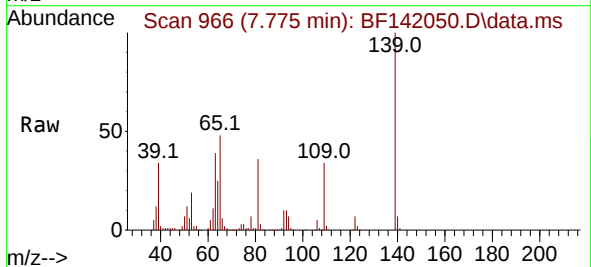
Instrument :
BNA_F
ClientSampleId :

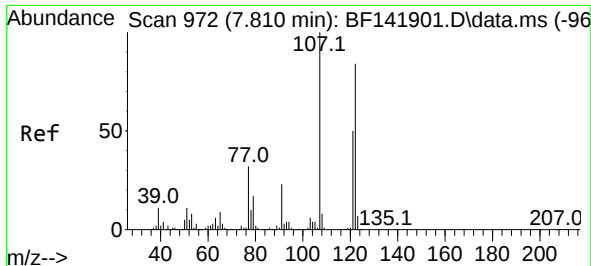
Tgt Ion: 82 Resp: 736783
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 19.4 14.9 22.3



#26
2-Nitrophenol
Concen: 45.959 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:139 Resp: 211036
Ion Ratio Lower Upper
139 100
109 33.7 26.5 39.7
65 47.8 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 53.791 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

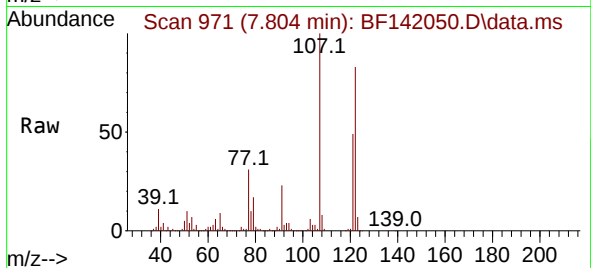
Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :



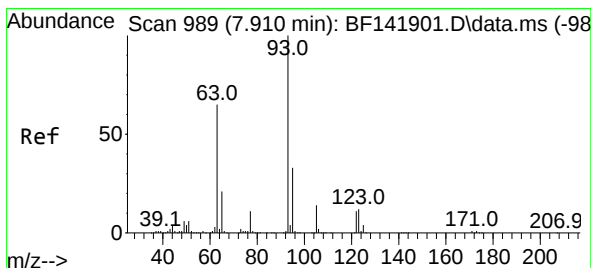
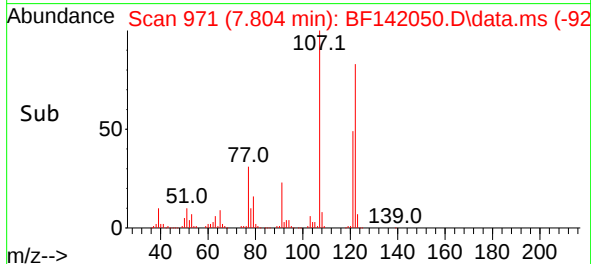
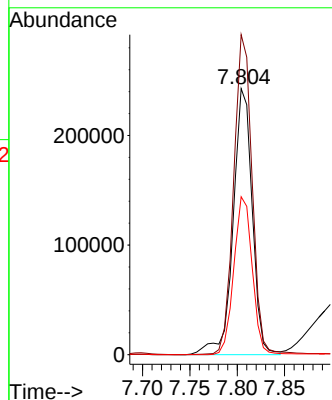
Tgt Ion:122 Resp: 340113

Ion Ratio Lower Upper

122 100

107 120.2 94.8 142.2

121 59.4 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.478 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

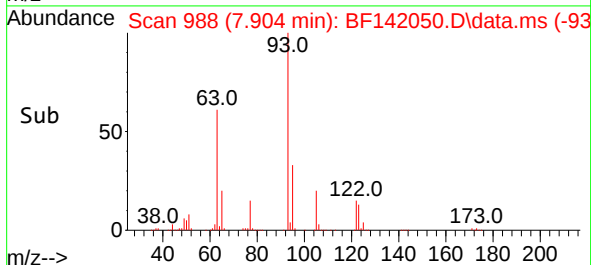
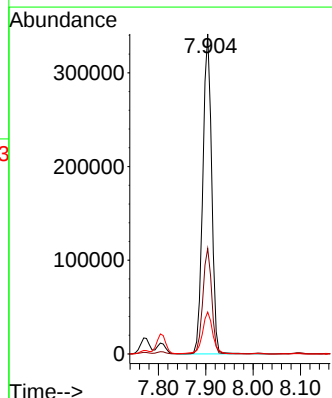
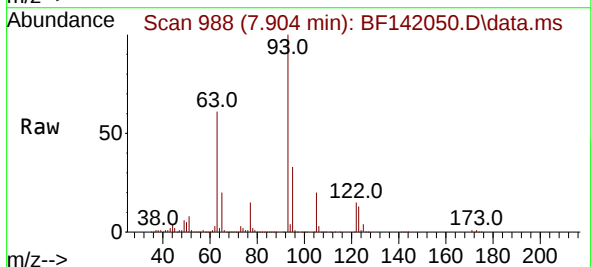
Tgt Ion: 93 Resp: 443220

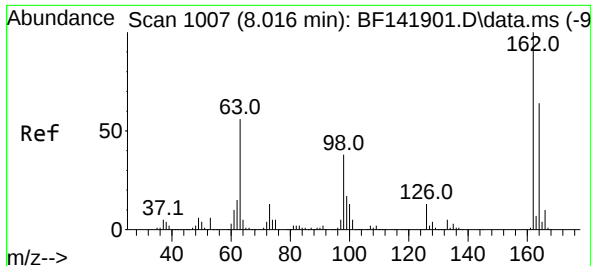
Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.423 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

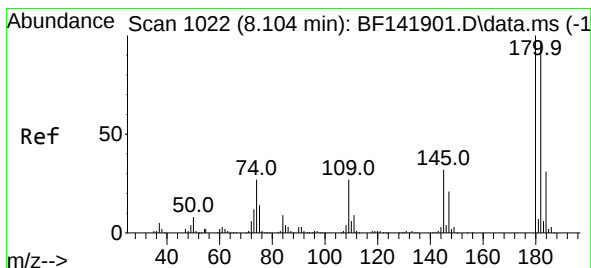
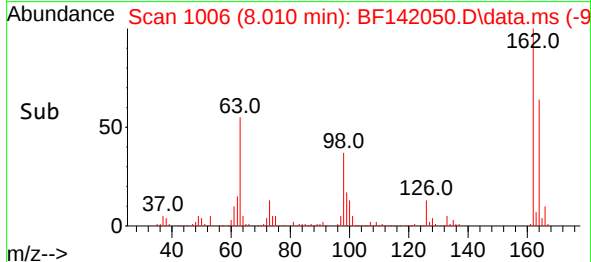
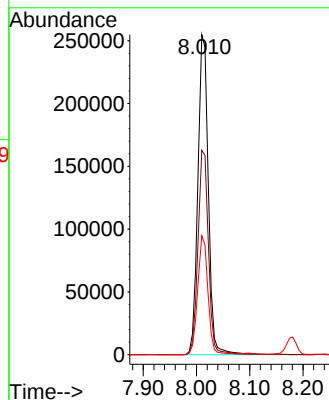
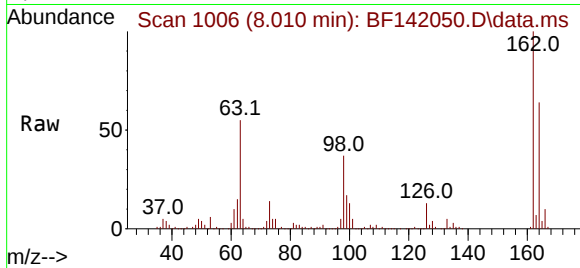
Tgt Ion:162 Resp: 348635

Ion Ratio Lower Upper

162 100

164 63.9 43.8 83.8

98 37.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 42.598 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

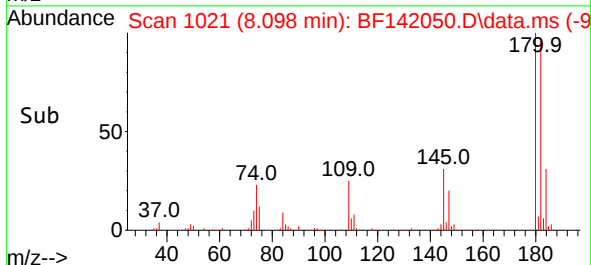
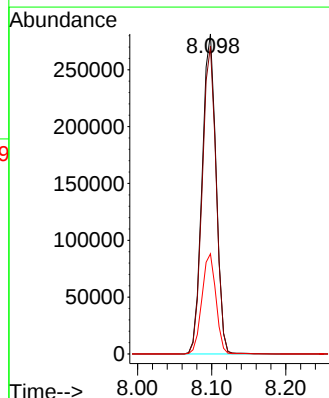
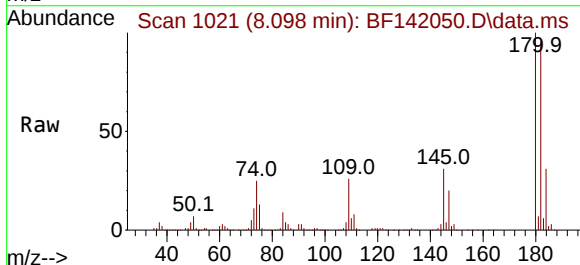
Tgt Ion:180 Resp: 368426

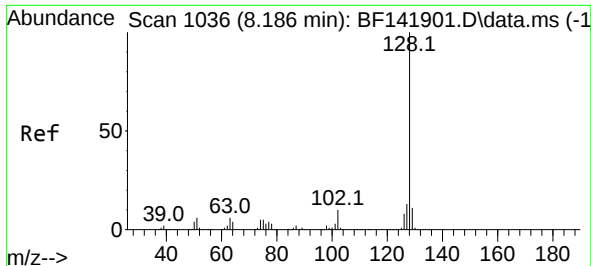
Ion Ratio Lower Upper

180 100

182 96.2 77.5 116.3

145 31.3 25.8 38.6

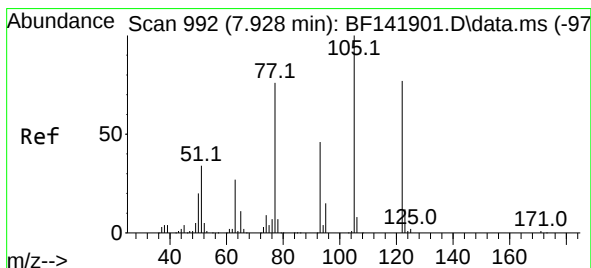
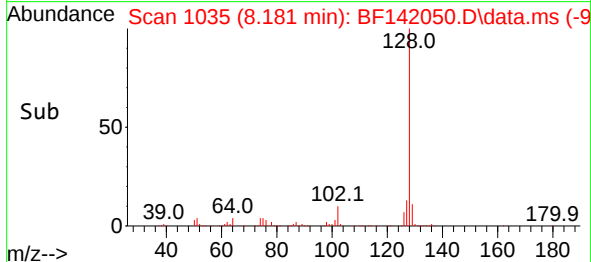
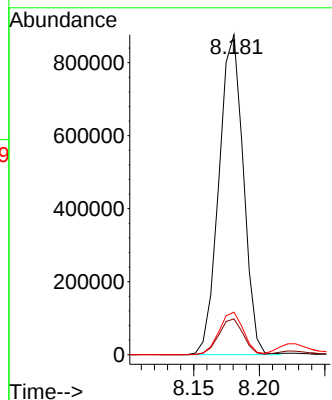
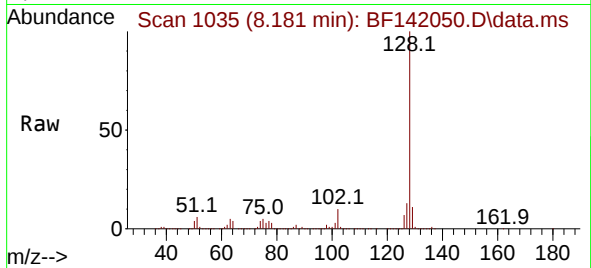




#31
Naphthalene
Concen: 41.667 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

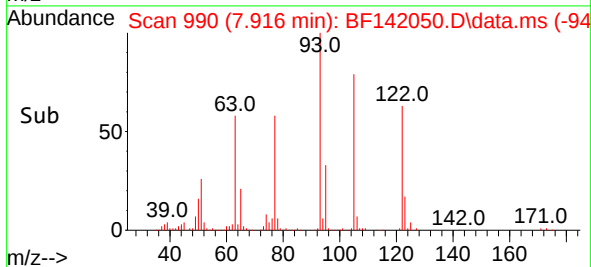
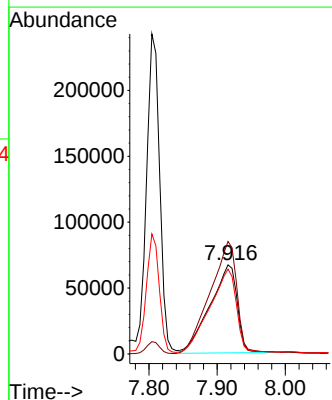
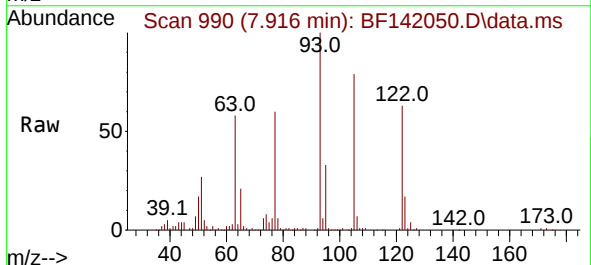
Instrument :
BNA_F
ClientSampleId :

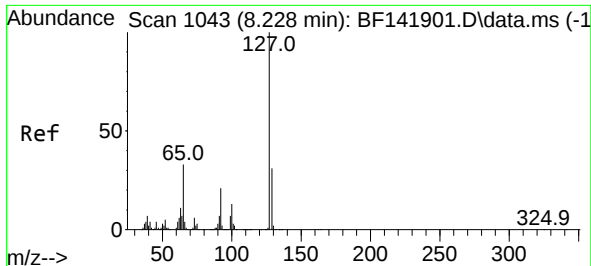
Tgt Ion:128 Resp: 1133594
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 33.302 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:122 Resp: 185093
Ion Ratio Lower Upper
122 100
105 126.2 107.9 147.9
77 95.1 79.0 119.0

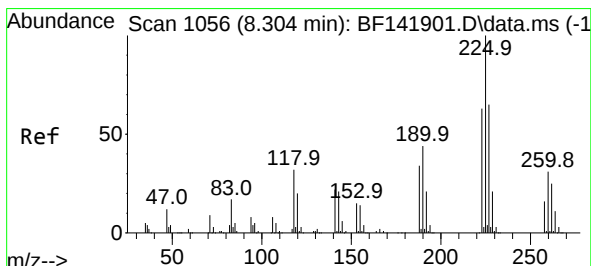
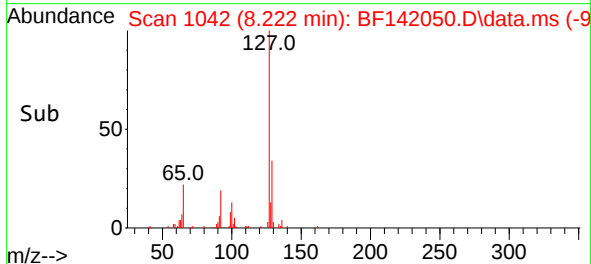
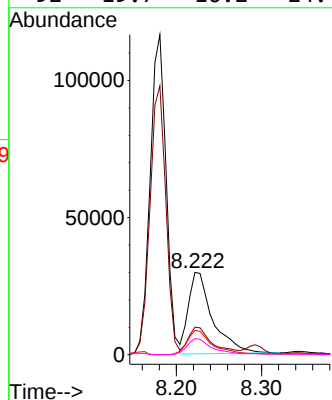
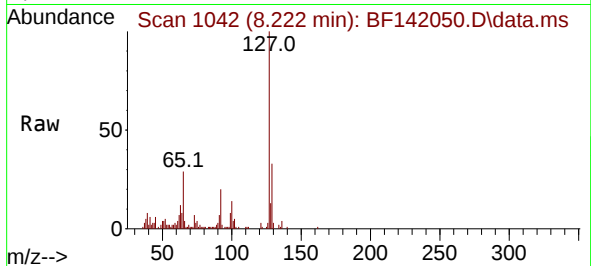




#33
4-Chloroaniline
Concen: 6.119 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

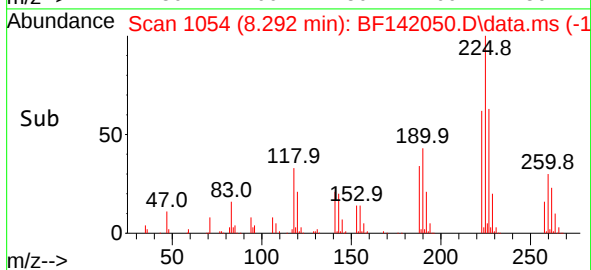
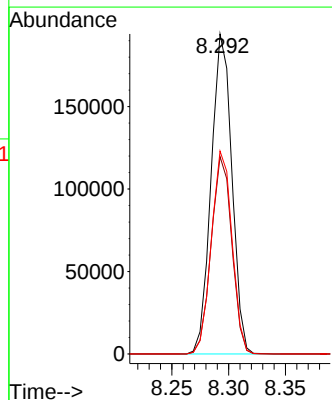
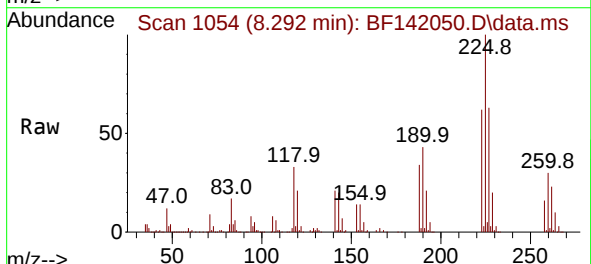
Instrument :
BNA_F
ClientSampleId :

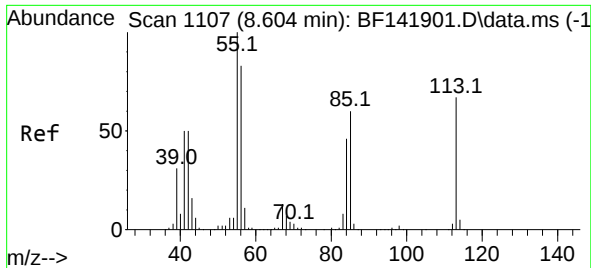
Tgt Ion:127	Resp:	58769
Ion Ratio	Lower	Upper
127	100	
129	33.5	26.2 39.4
65	29.5	25.4 38.2
92	19.7	16.2 24.4



#34
Hexachlorobutadiene
Concen: 43.606 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:225	Resp:	245953
Ion Ratio	Lower	Upper
225	100	
223	61.7	50.6 75.8
227	63.4	52.2 78.2

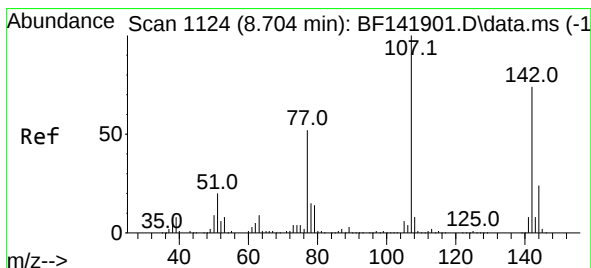
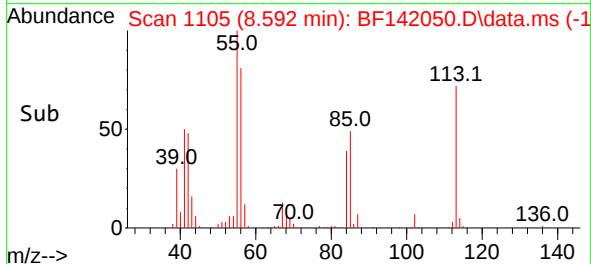
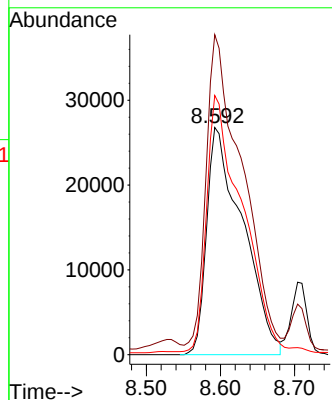
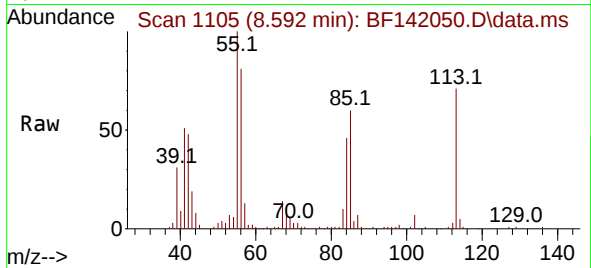




#35
 Caprolactam
 Concen: 37.697 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF142050.D
 Acq: 24 Mar 2025 12:56

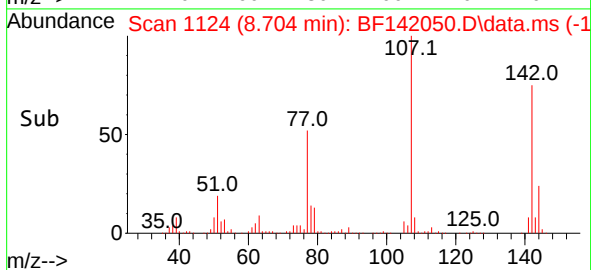
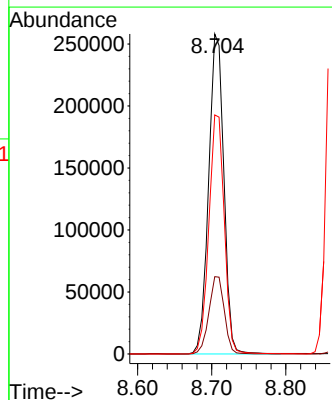
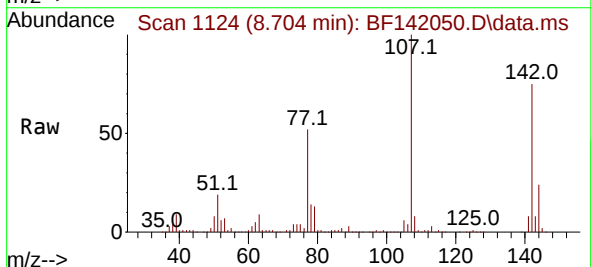
Instrument :
 BNA_F
 ClientSampleId :

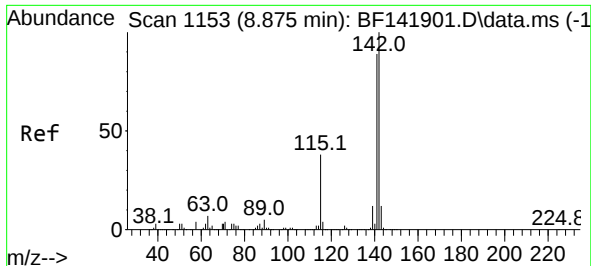
Tgt Ion:113 Resp: 90198
 Ion Ratio Lower Upper
 113 100
 55 140.9 129.6 169.6
 56 114.1 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.038 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142050.D
 Acq: 24 Mar 2025 12:56

Tgt Ion:107 Resp: 368024
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.0 28.6
 142 74.7 59.2 88.8

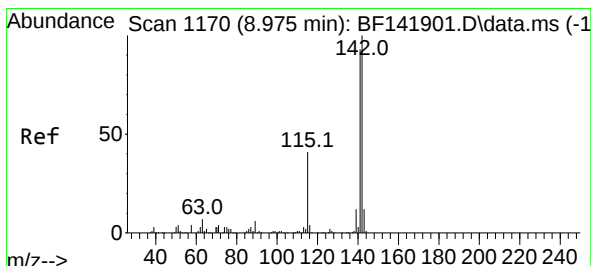
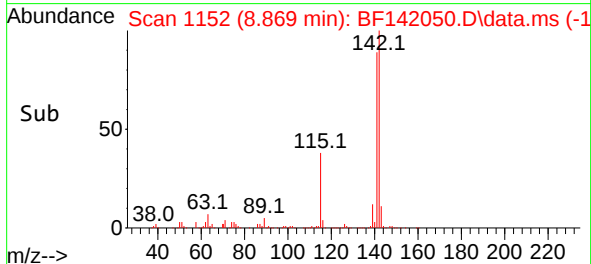
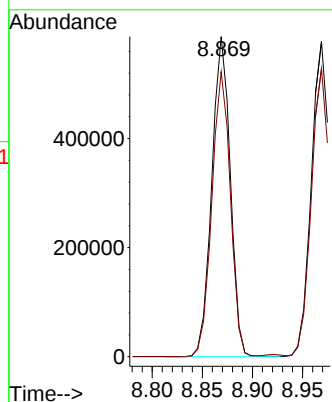
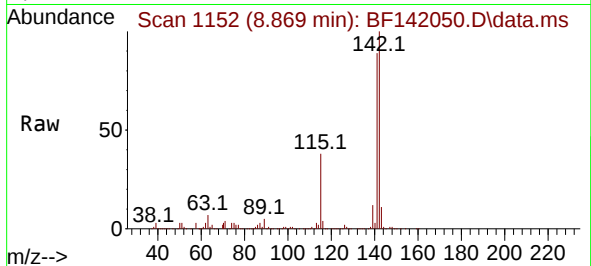




#37
2-Methylnaphthalene
Concen: 41.401 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

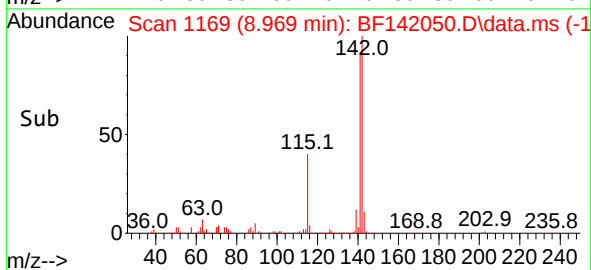
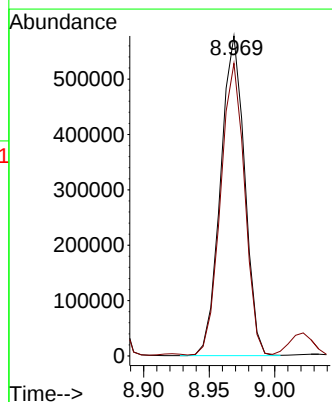
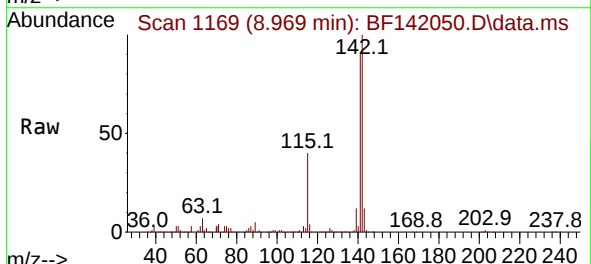
Instrument :
BNA_F
ClientSampleId :

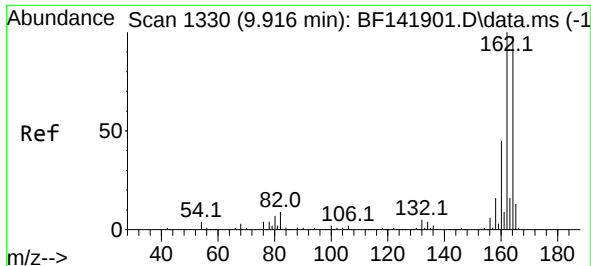
Tgt Ion:142 Resp: 752873
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8



#38
1-Methylnaphthalene
Concen: 41.989 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:142 Resp: 736822
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

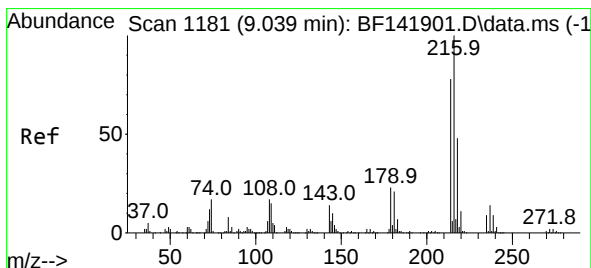
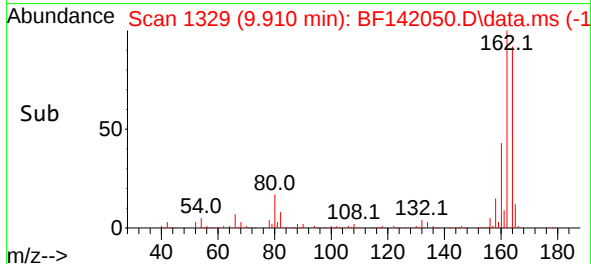
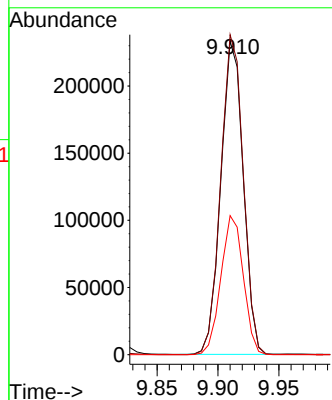
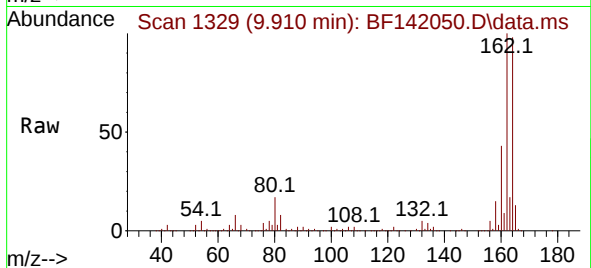
Tgt Ion:164 Resp: 299190

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

160 44.3 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.860 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Tgt Ion:216 Resp: 454182

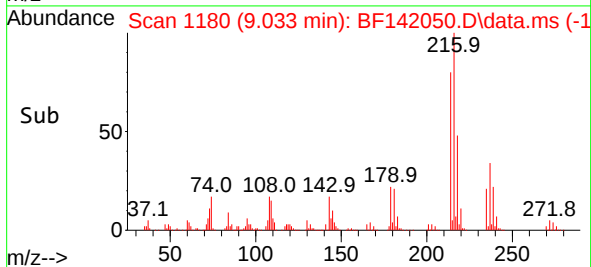
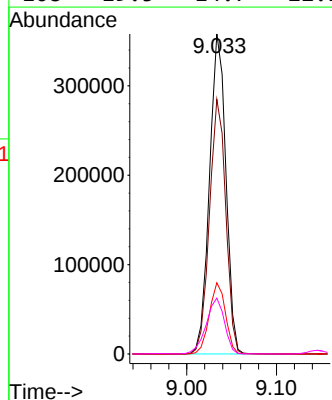
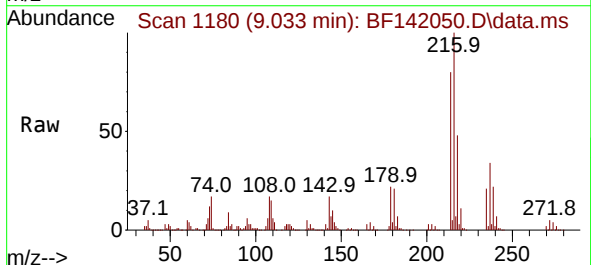
Ion Ratio Lower Upper

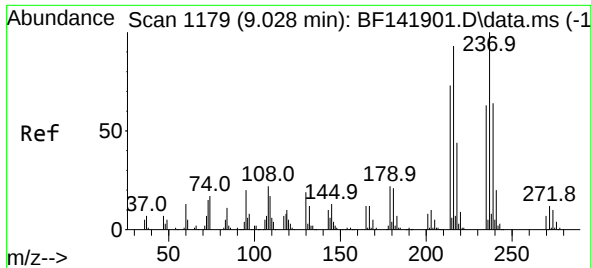
216 100

214 79.1 61.9 92.9

179 22.0 18.1 27.1

108 19.5 14.7 22.1

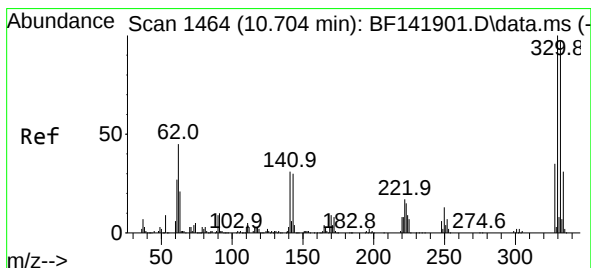
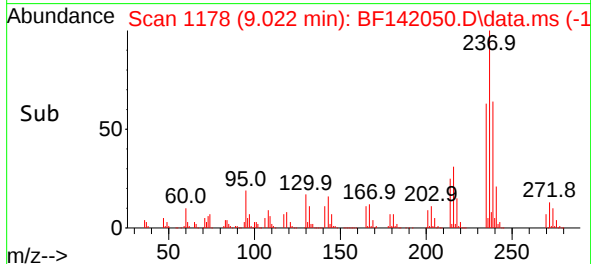
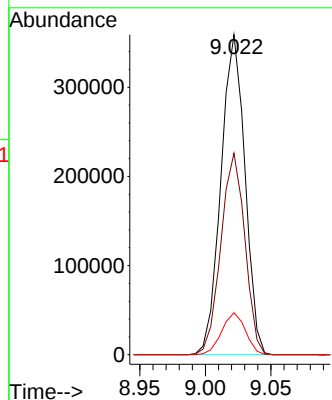
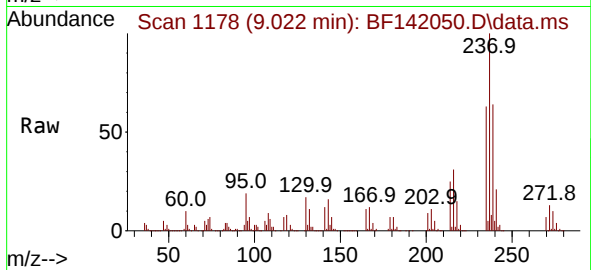




#41
Hexachlorocyclopentadiene
Concen: 127.936 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

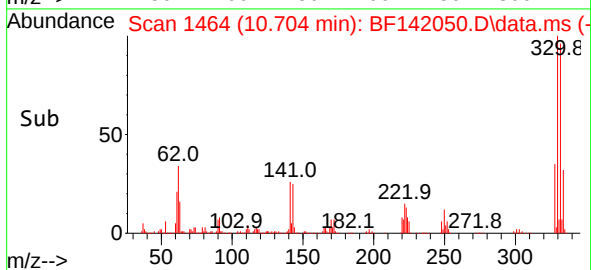
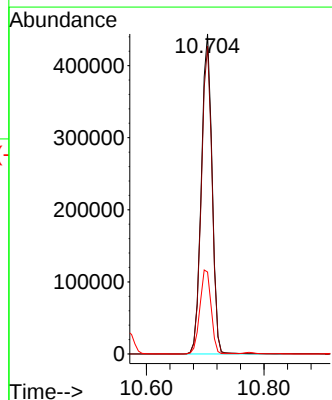
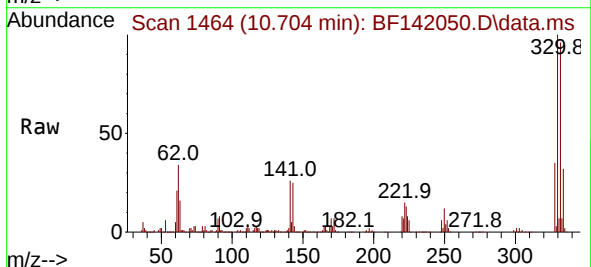
Instrument :
BNA_F
ClientSampleId :

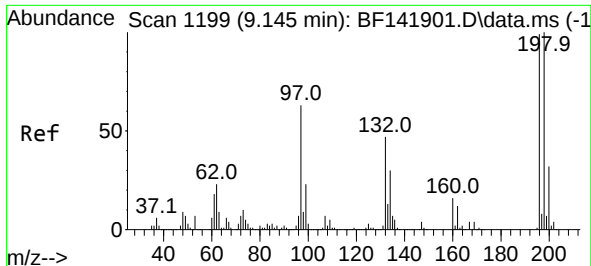
Tgt Ion:237 Resp: 456084
Ion Ratio Lower Upper
237 100
235 62.9 43.1 83.1
272 13.1 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 148.329 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:330 Resp: 563001
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 27.5 24.7 37.1

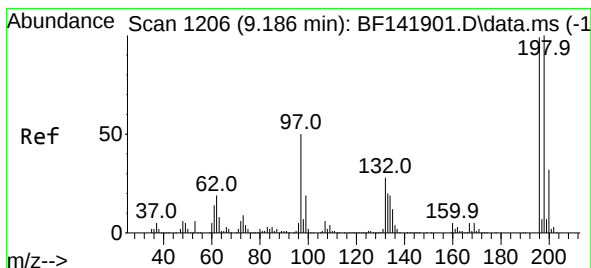
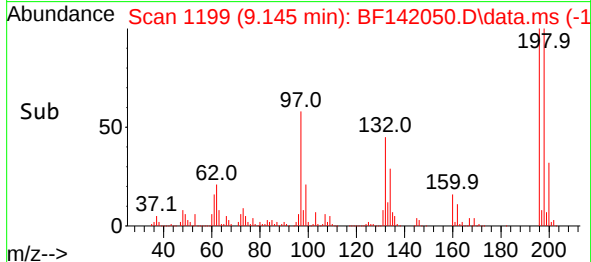
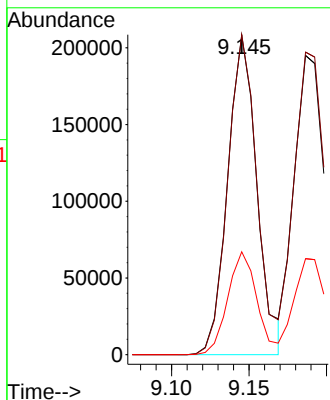
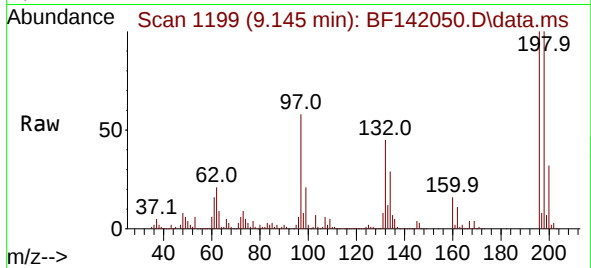




#43
 2,4,6-Trichlorophenol
 Concen: 45.850 ng
 RT: 9.145 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: BF142050.D
 Acq: 24 Mar 2025 12:56

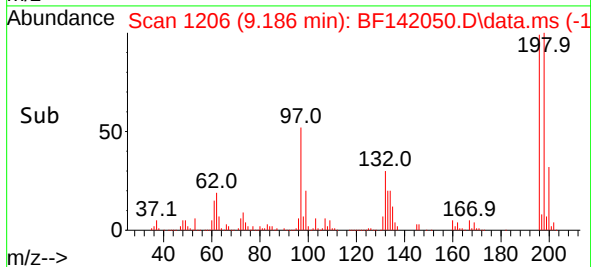
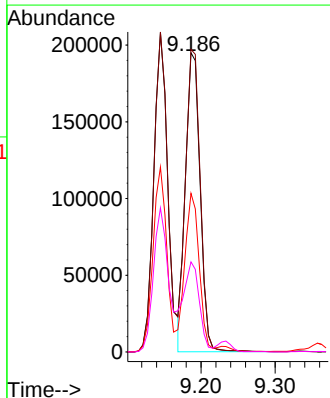
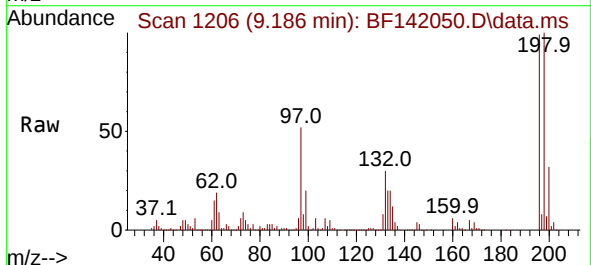
Instrument :
 BNA_F
 ClientSampleId :

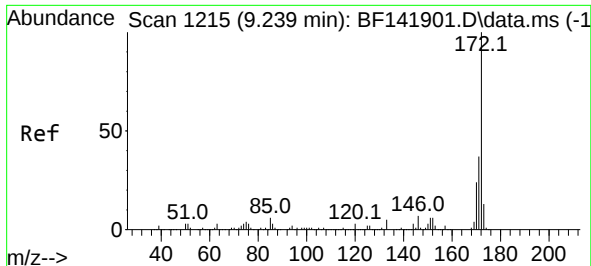
Tgt Ion:196 Resp: 272953
 Ion Ratio Lower Upper
 196 100
 198 100.2 80.6 121.0
 200 32.2 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.678 ng
 RT: 9.186 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BF142050.D
 Acq: 24 Mar 2025 12:56

Tgt Ion:196 Resp: 269379
 Ion Ratio Lower Upper
 196 100
 198 101.1 80.7 121.1
 97 53.0 42.1 63.1
 132 30.1 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 93.990 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

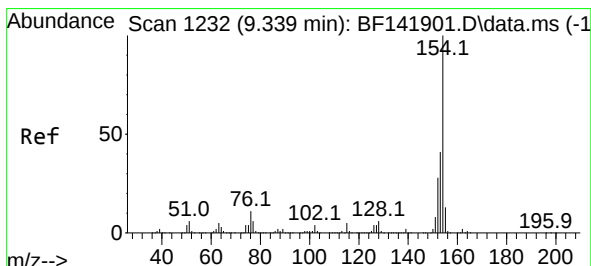
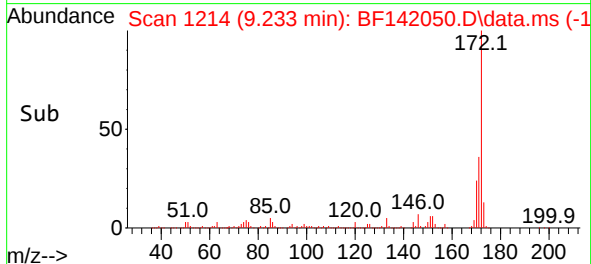
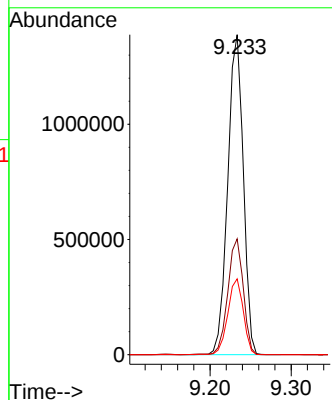
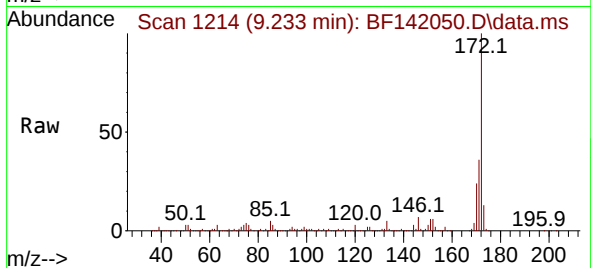
Tgt Ion:172 Resp: 1849080

Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

170 23.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 48.830 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

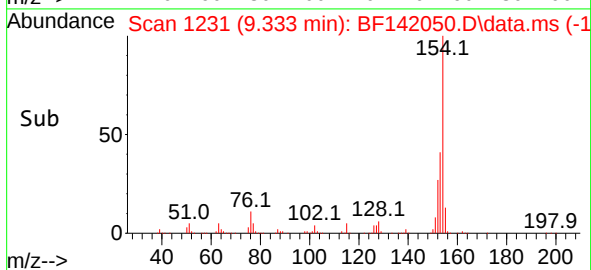
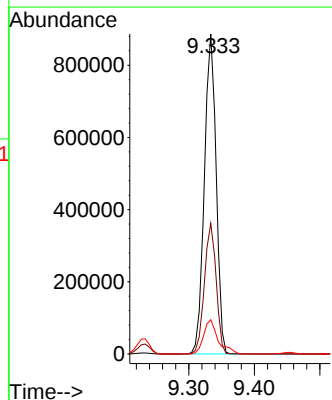
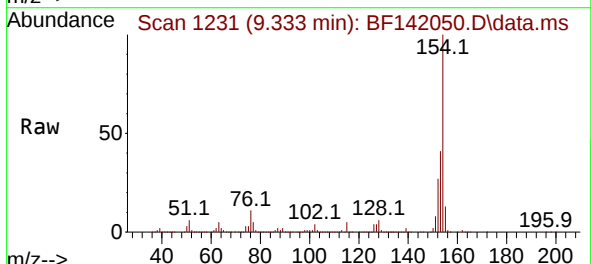
Tgt Ion:154 Resp: 1110047

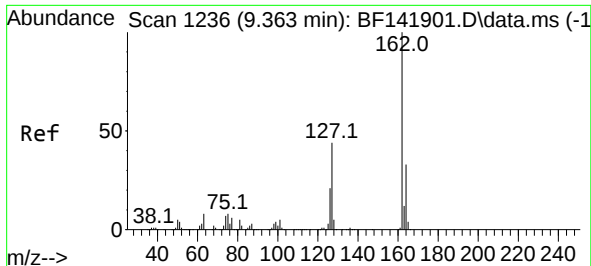
Ion Ratio Lower Upper

154 100

153 40.8 21.1 61.1

76 10.7 0.0 31.3





#47

2-Chloronaphthalene

Concen: 44.865 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

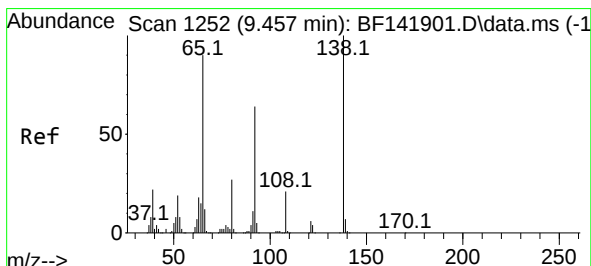
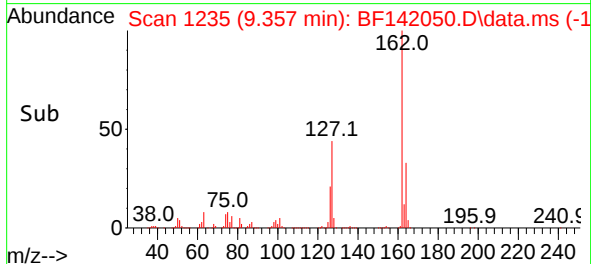
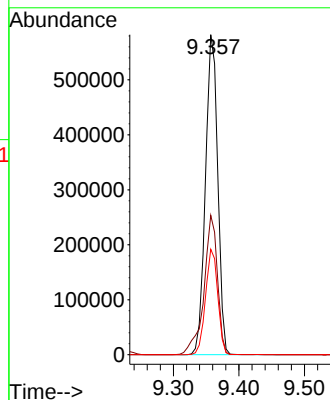
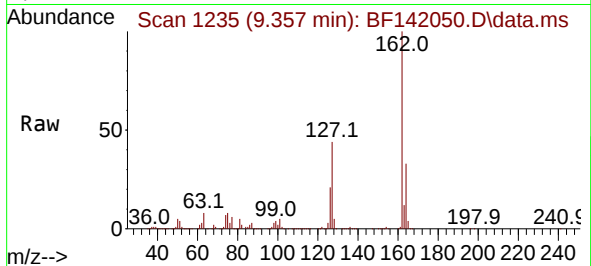
Tgt Ion:162 Resp: 760194

Ion Ratio Lower Upper

162 100

127 43.5 35.5 53.3

164 32.9 26.6 40.0



#48

2-Nitroaniline

Concen: 43.887 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

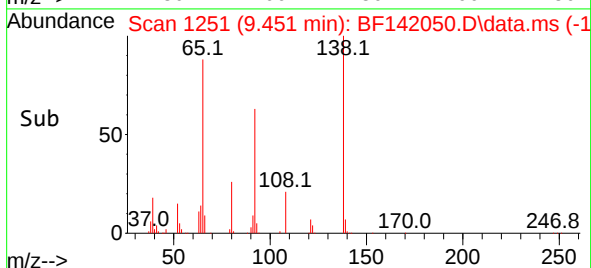
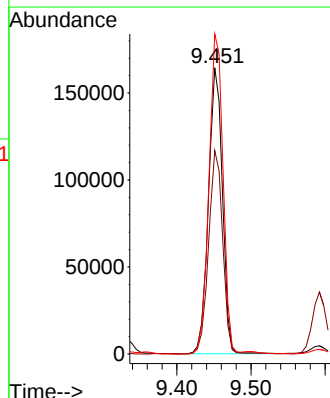
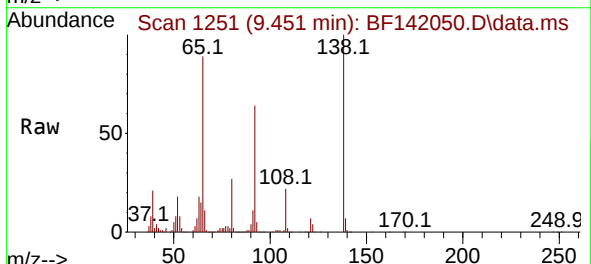
Tgt Ion: 65 Resp: 215308

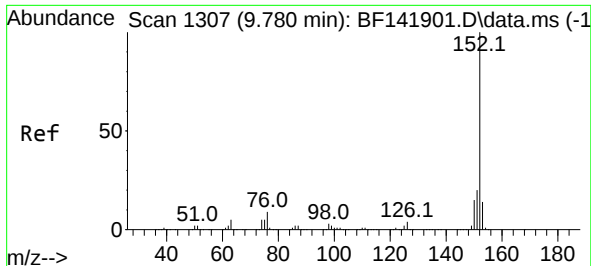
Ion Ratio Lower Upper

65 100

92 71.0 56.6 84.8

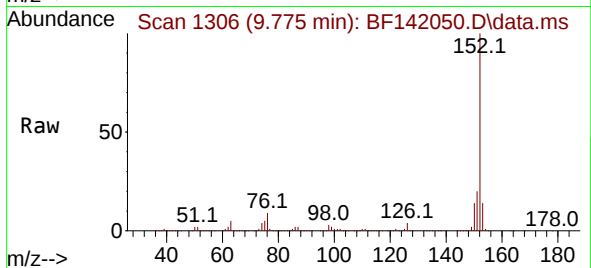
138 111.8 88.6 133.0



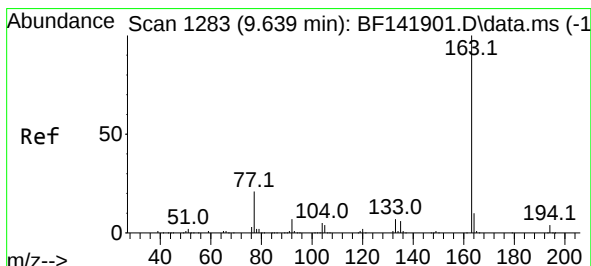
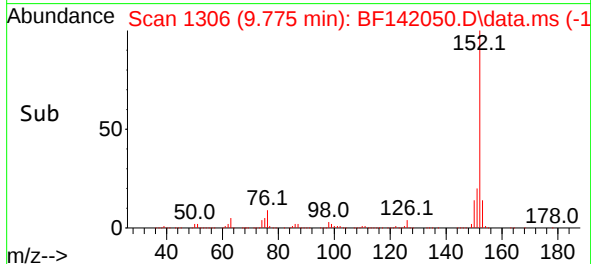
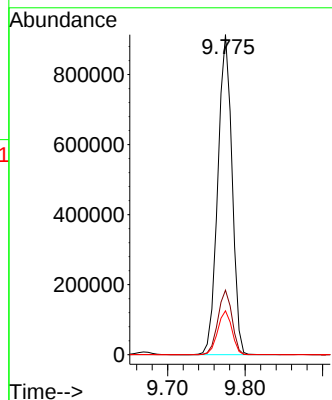


#49
Acenaphthylene
Concen: 46.255 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Instrument :
BNA_F
ClientSampleId :

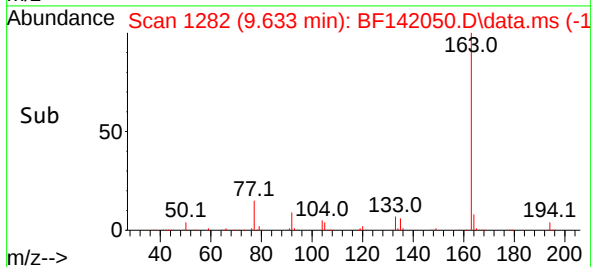
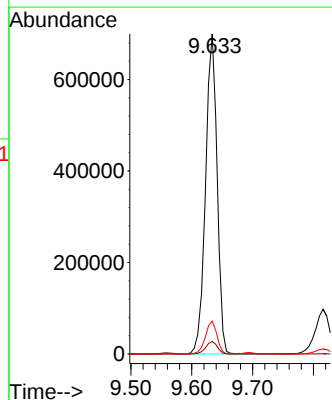
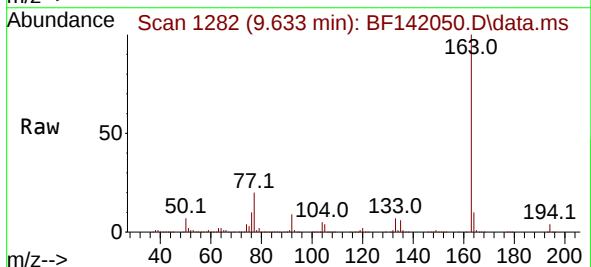


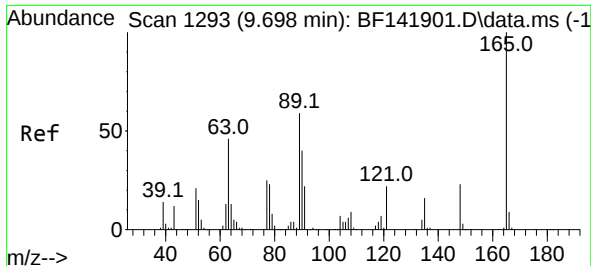
Tgt Ion:152 Resp: 1163044
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.7 11.1 16.7



#50
Dimethylphthalate
Concen: 44.013 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

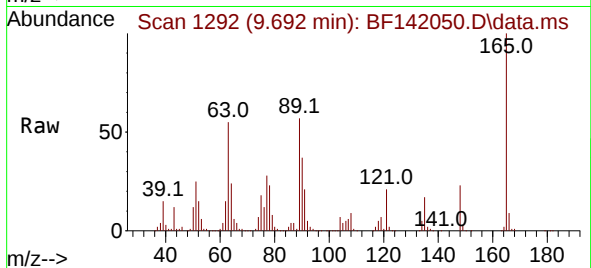
Tgt Ion:163 Resp: 922137
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.4



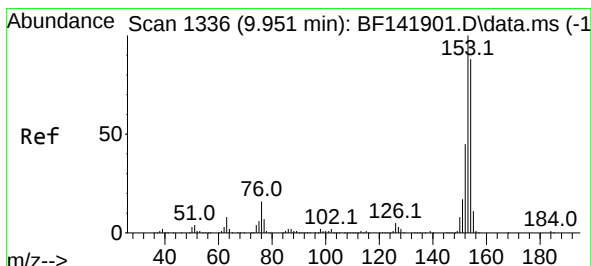
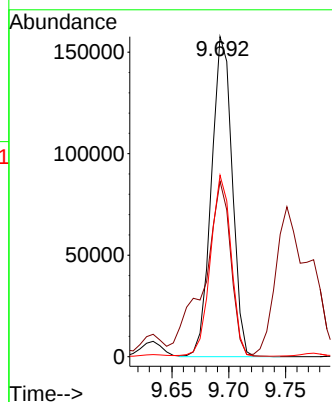
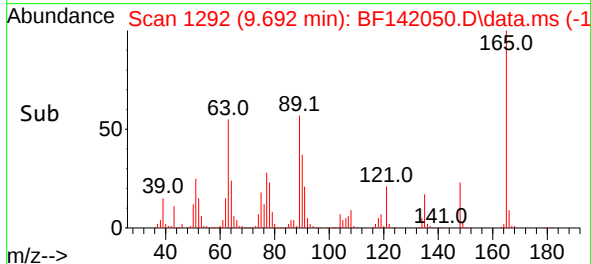


#51
2,6-Dinitrotoluene
Concen: 45.984 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Instrument :
BNA_F
ClientSampleId :

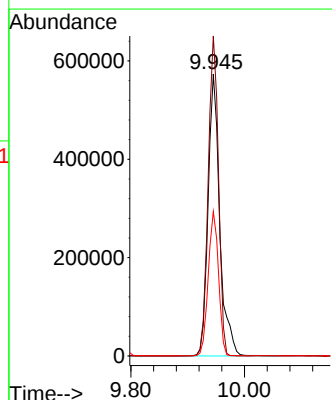
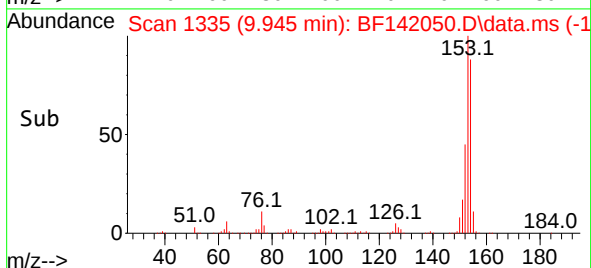
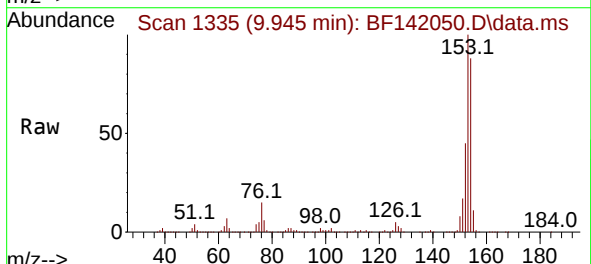


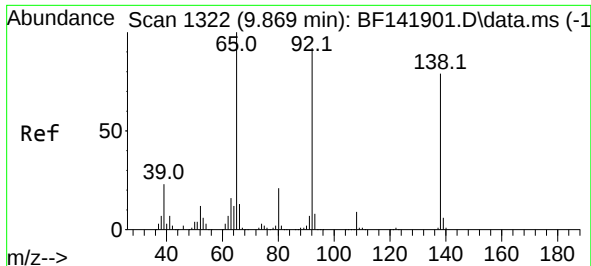
Tgt Ion:165 Resp: 200597
Ion Ratio Lower Upper
165 100
63 54.8 47.0 70.4
89 56.7 47.4 71.2



#52
Acenaphthene
Concen: 46.041 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:154 Resp: 813557
Ion Ratio Lower Upper
154 100
153 113.5 90.7 136.1
152 51.3 41.1 61.7

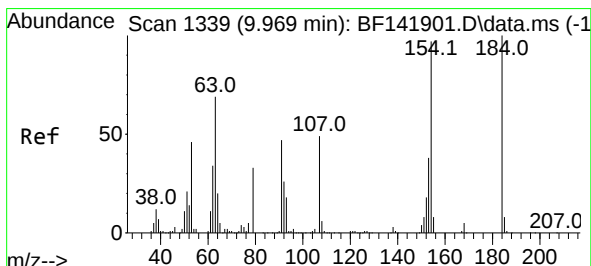
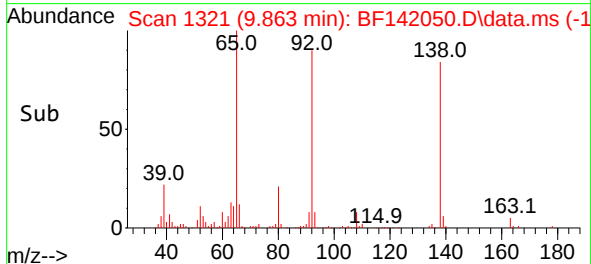
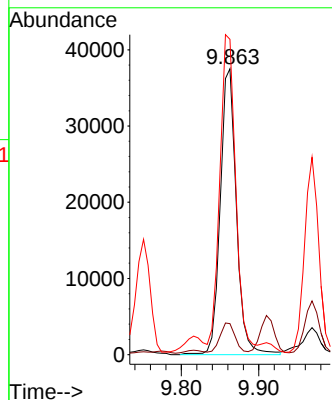
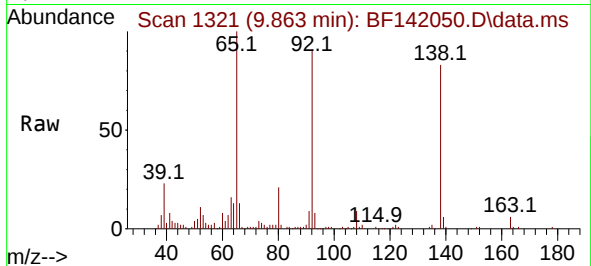




#53
3-Nitroaniline
Concen: 12.306 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

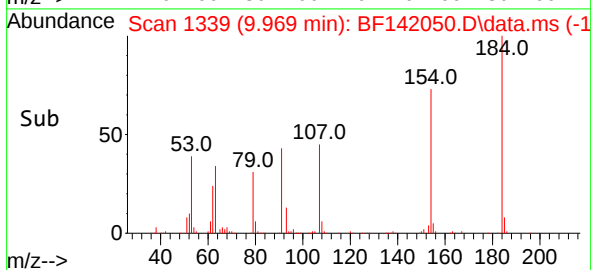
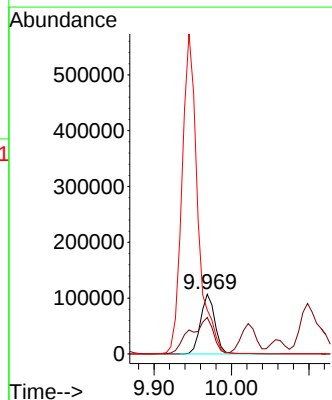
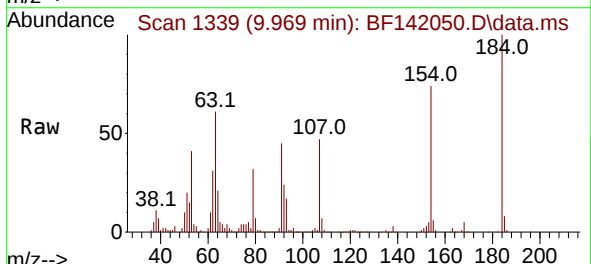
Instrument :
BNA_F
ClientSampleId :

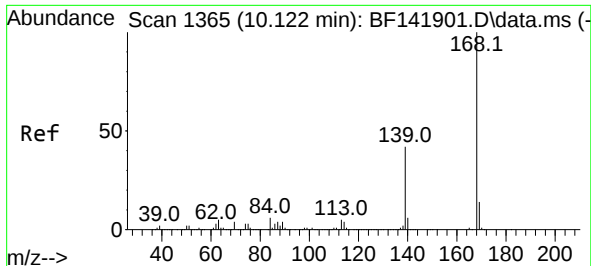
Tgt Ion:138 Resp: 54456
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 110.3 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 57.594 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:184 Resp: 137779
Ion Ratio Lower Upper
184 100
63 61.0 60.2 90.4
154 73.7 132.9 199.3#

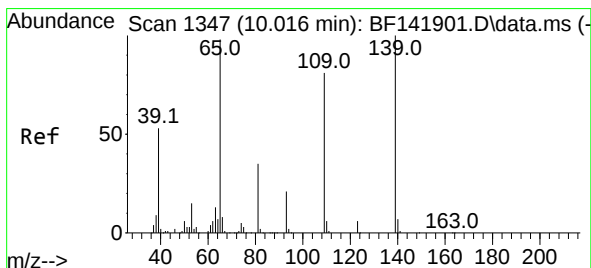
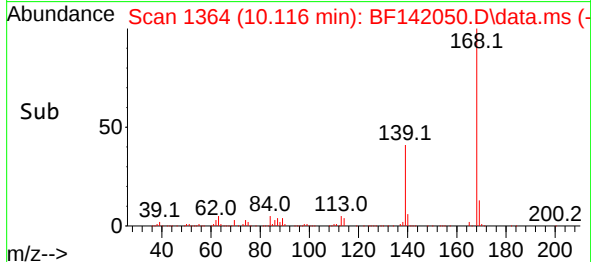
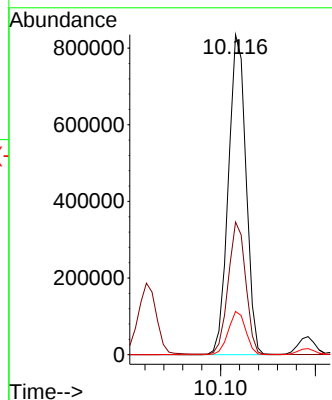
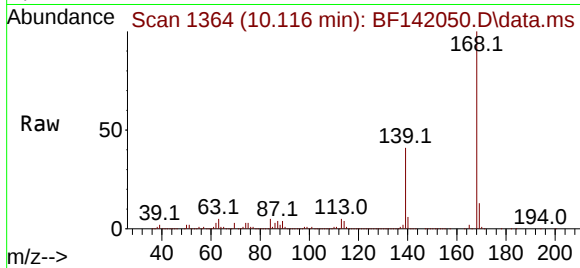




#55
Dibenzofuran
Concen: 42.718 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

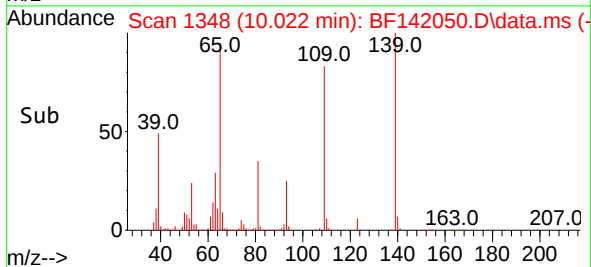
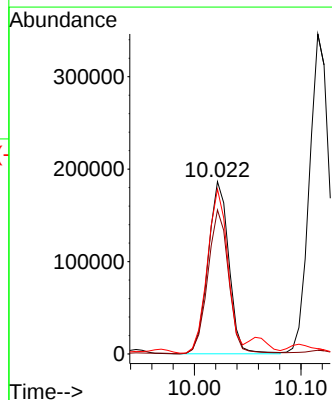
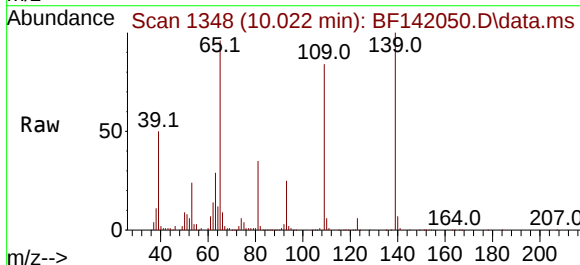
Instrument :
BNA_F
ClientSampleId :

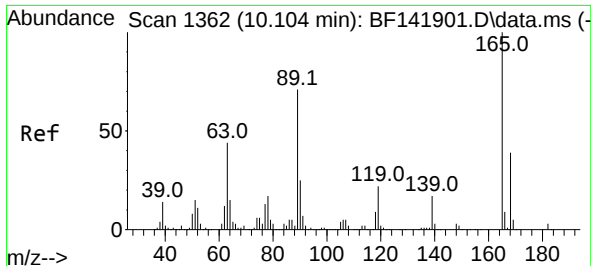
Tgt Ion:168 Resp: 1078560
Ion Ratio Lower Upper
168 100
139 41.5 33.9 50.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 76.007 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

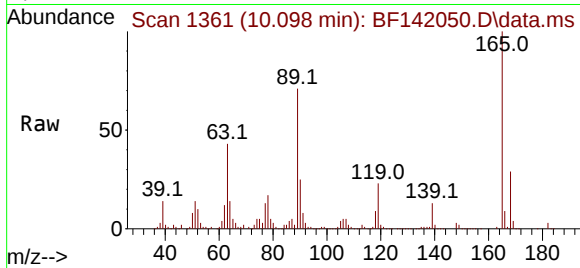
Tgt Ion:139 Resp: 253637
Ion Ratio Lower Upper
139 100
109 83.5 61.6 101.6
65 95.7 79.4 119.4



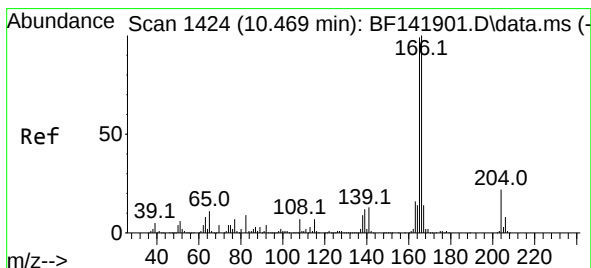
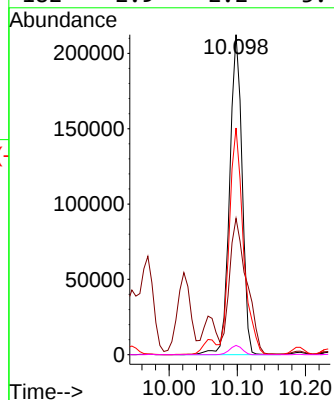
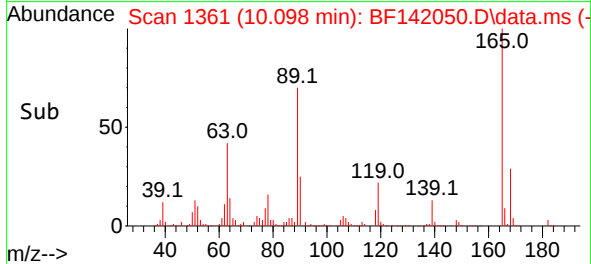


#57
2,4-Dinitrotoluene
Concen: 47.398 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

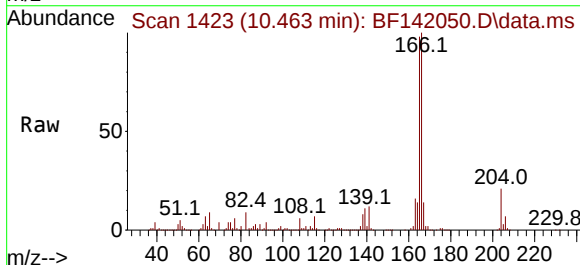
Instrument :
BNA_F
ClientSampleId :



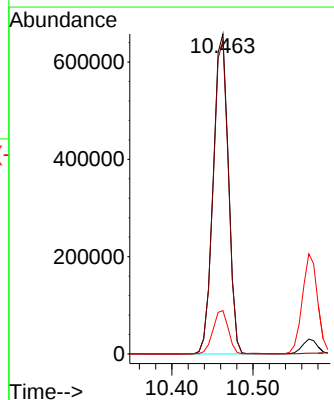
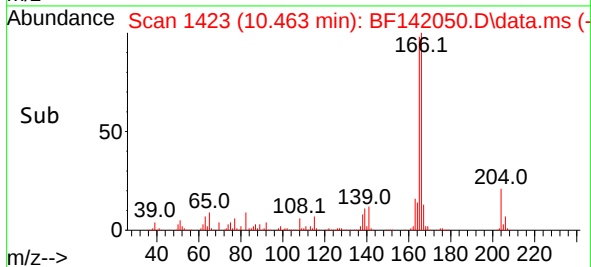
Tgt Ion:165 Resp: 270058
Ion Ratio Lower Upper
165 100
63 42.6 35.4 53.2
89 70.9 56.6 84.8
182 2.9 2.2 3.4

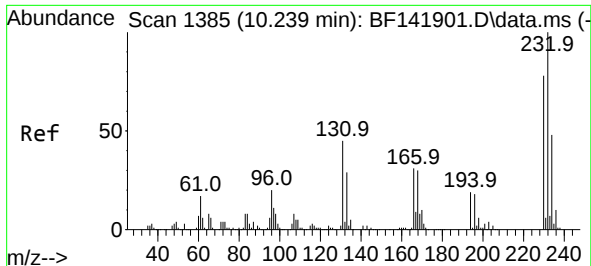


#58
Fluorene
Concen: 43.901 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56



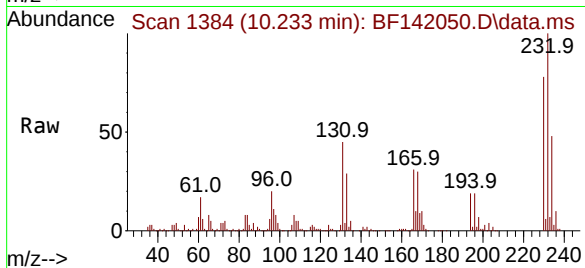
Tgt Ion:166 Resp: 854786
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.4
167 13.5 11.0 16.4



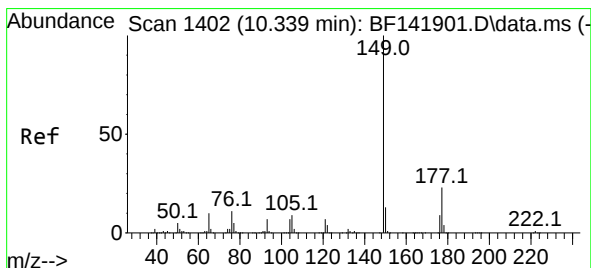
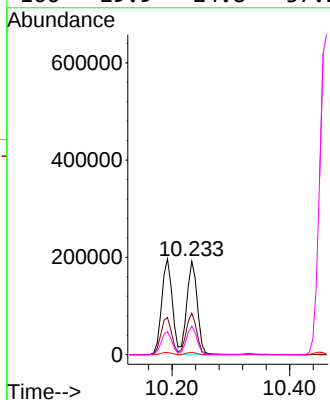
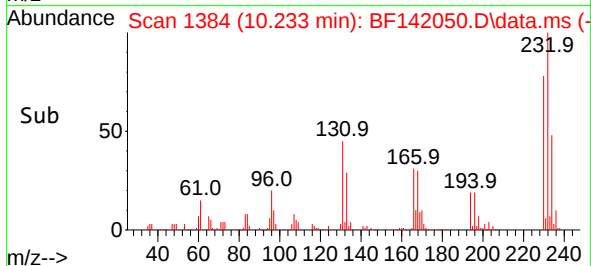


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.600 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

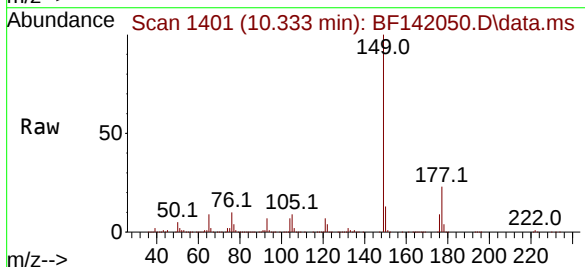
Instrument :
BNA_F
ClientSampleId :



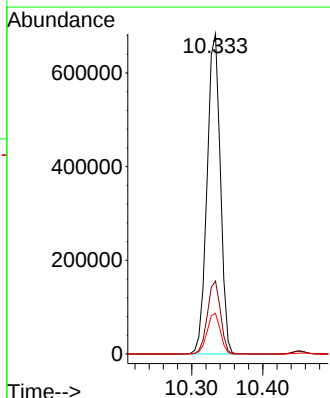
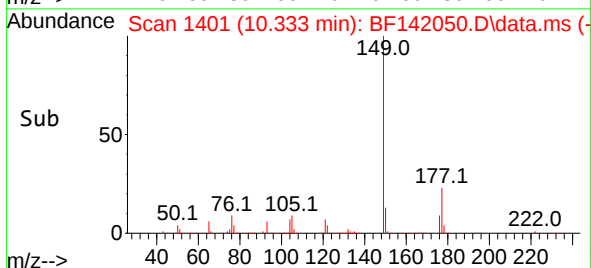
Tgt Ion:232 Resp: 239213
Ion Ratio Lower Upper
232 100
131 44.5 37.3 55.9
130 2.6 1.9 2.9
166 29.9 24.8 37.2

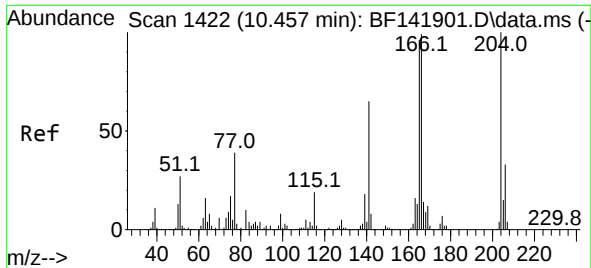


#60
Diethylphthalate
Concen: 42.547 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56



Tgt Ion:149 Resp: 888860
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.7 10.2 15.4

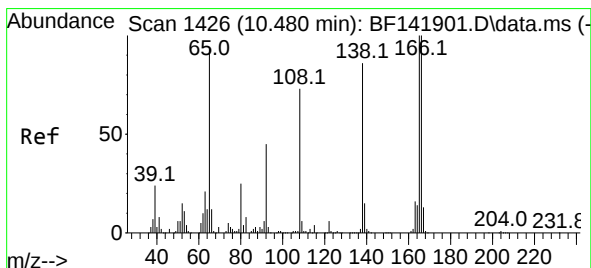
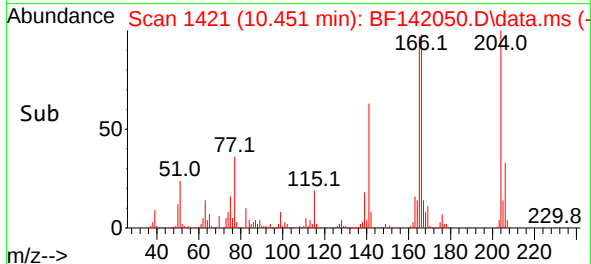
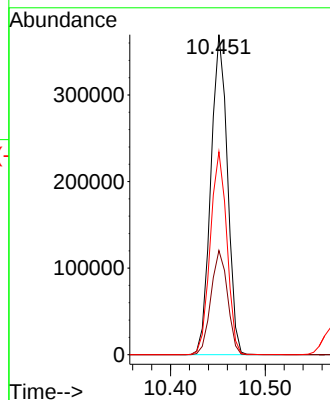
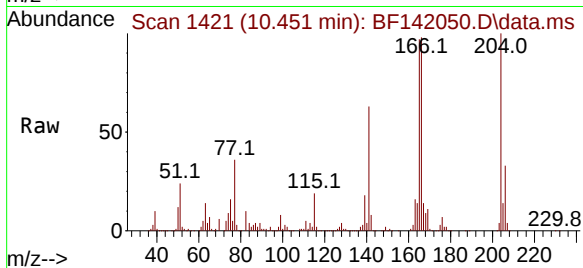




#61
4-Chlorophenyl-phenylether
Concen: 44.195 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

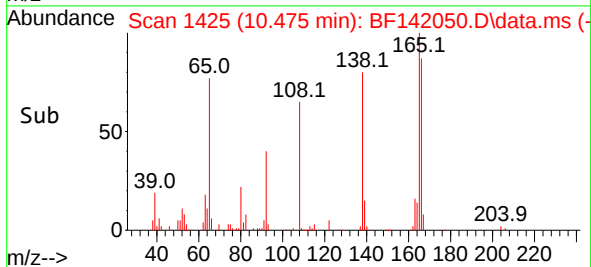
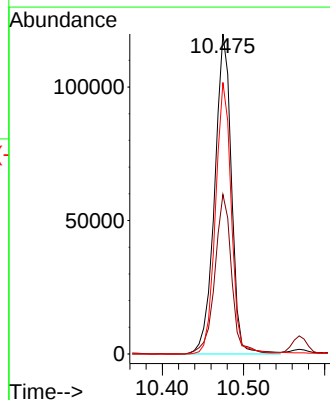
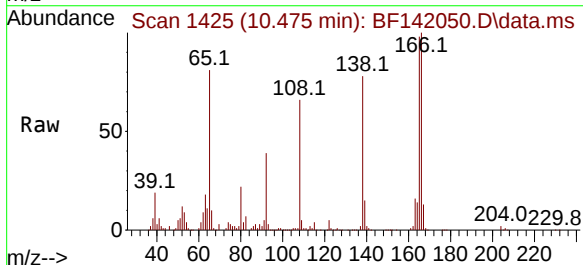
Instrument :
BNA_F
ClientSampleId :

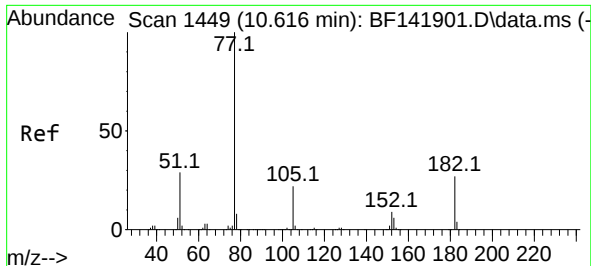
Tgt Ion:204 Resp: 448629
Ion Ratio Lower Upper
204 100
206 32.6 26.8 40.2
141 63.4 52.4 78.6



#62
4-Nitroaniline
Concen: 40.006 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

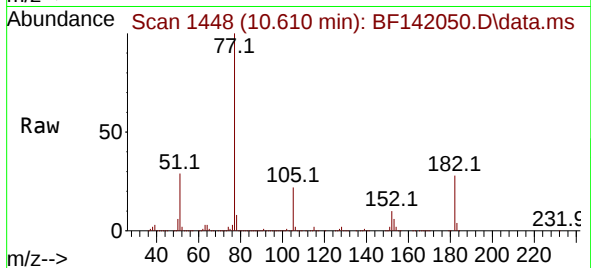
Tgt Ion:138 Resp: 172345
Ion Ratio Lower Upper
138 100
92 49.8 32.6 72.6
108 84.8 65.0 105.0



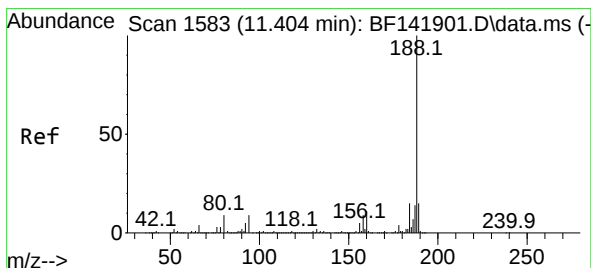
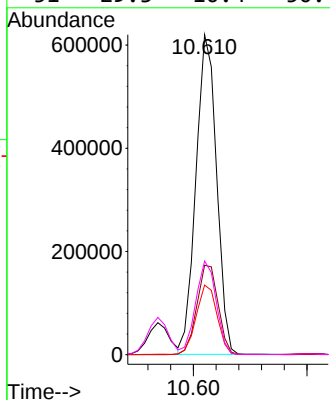
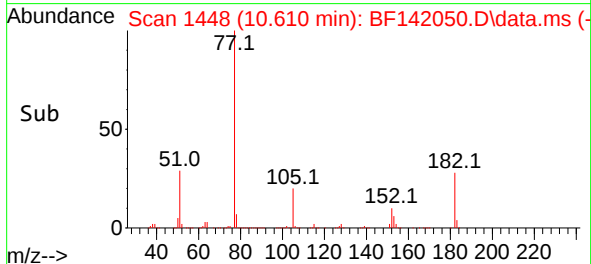


#63
Azobenzene
Concen: 40.310 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

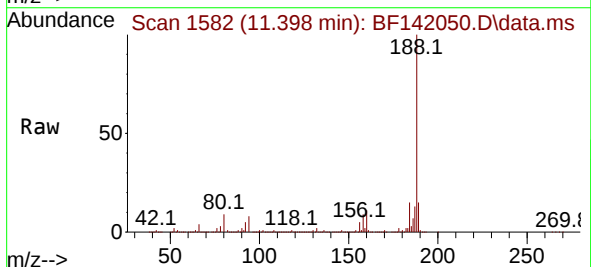
Instrument :
BNA_F
ClientSampleId :



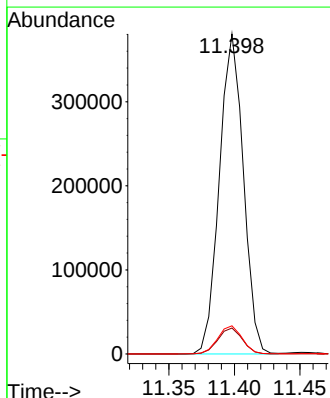
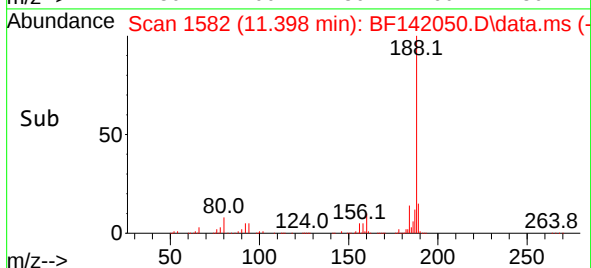
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.0	6.6	46.6
105	21.8	1.3	41.3
51	29.3	10.4	50.4

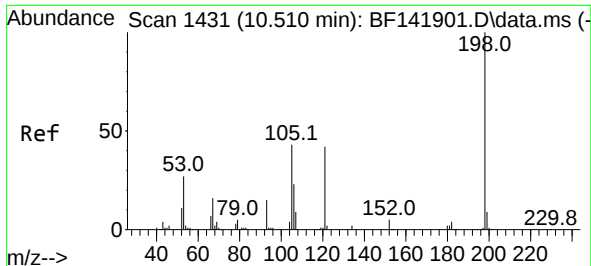


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56



Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	8.8	7.6	11.4

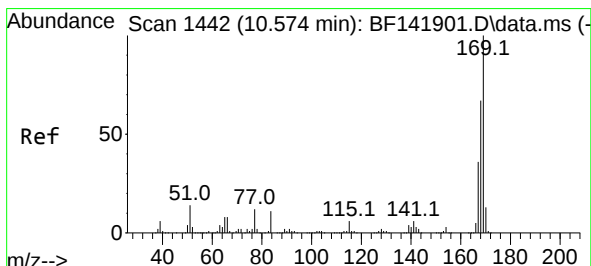
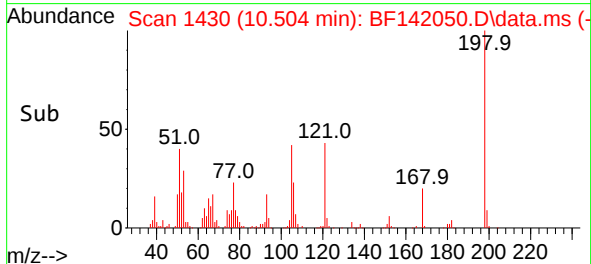
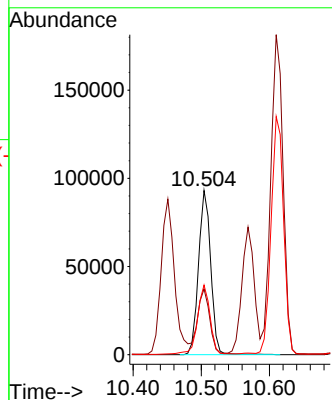
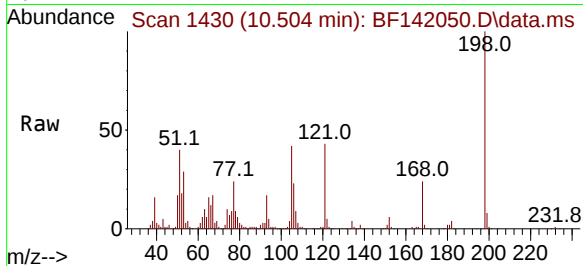




#65
4,6-Dinitro-2-methylphenol
Concen: 40.287 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

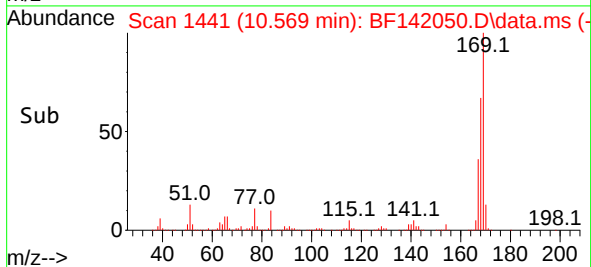
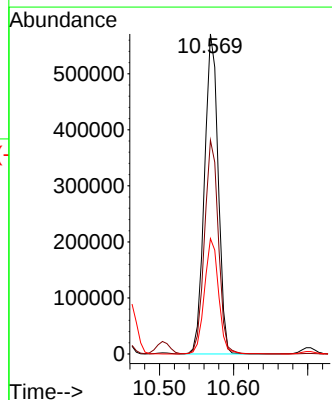
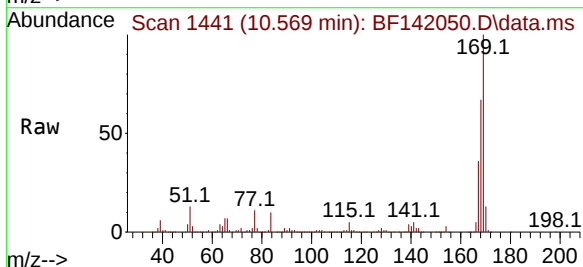
Instrument :
BNA_F
ClientSampleId :

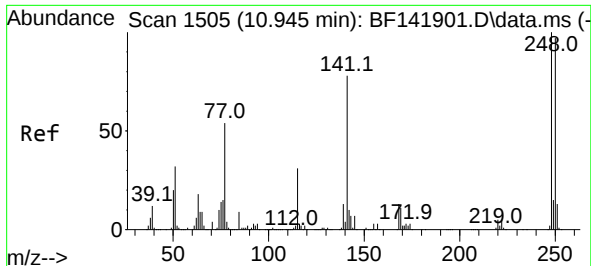
Tgt Ion:198 Resp: 116086
Ion Ratio Lower Upper
198 100
51 40.0 22.3 62.3
105 42.4 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 46.944 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:169 Resp: 734278
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.1 29.2 43.8

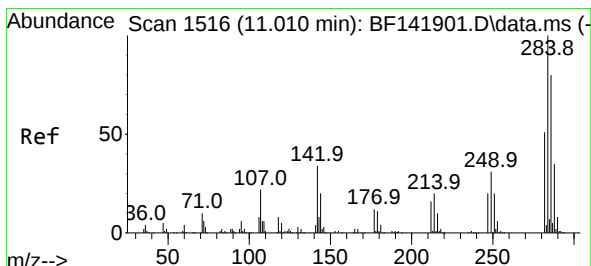
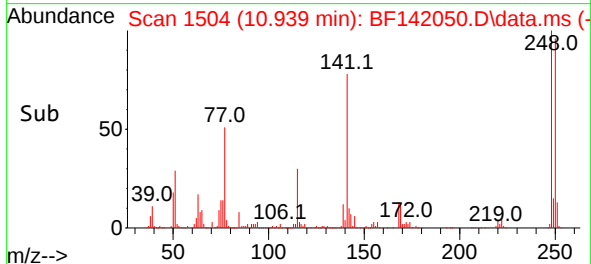
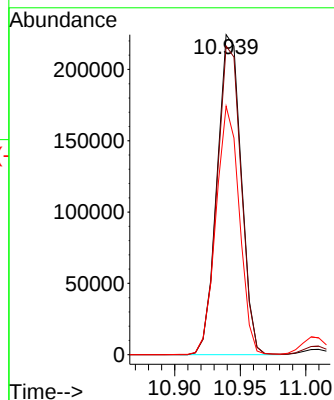
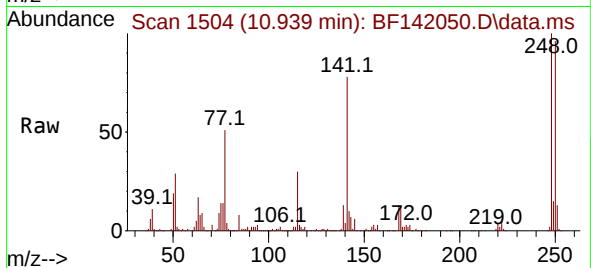




#67
4-Bromophenyl-phenylether
Concen: 47.299 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

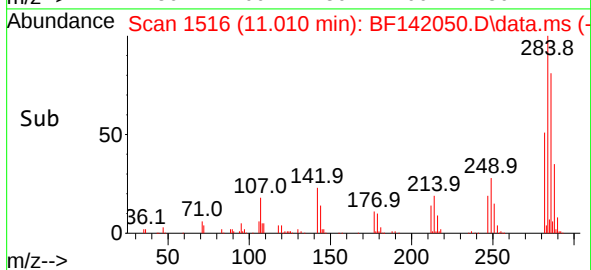
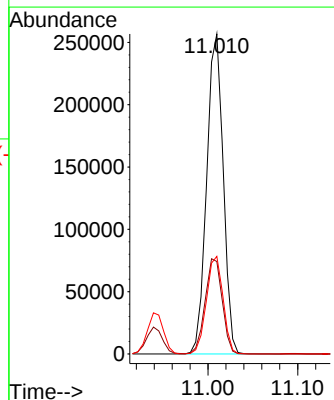
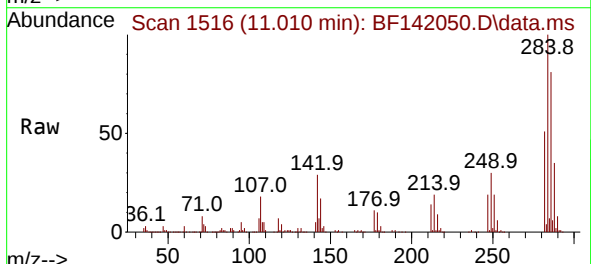
Instrument :
BNA_F
ClientSampleId :

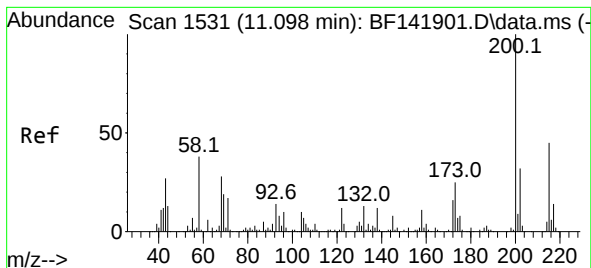
Tgt Ion:248 Resp: 287118
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.8
141 77.7 62.6 93.8



#68
Hexachlorobenzene
Concen: 49.331 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:284 Resp: 328431
Ion Ratio Lower Upper
284 100
142 28.9 27.0 40.6
249 30.5 25.2 37.8





#69

Atrazine

Concen: 56.274 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

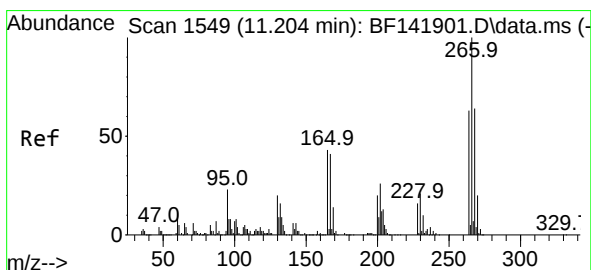
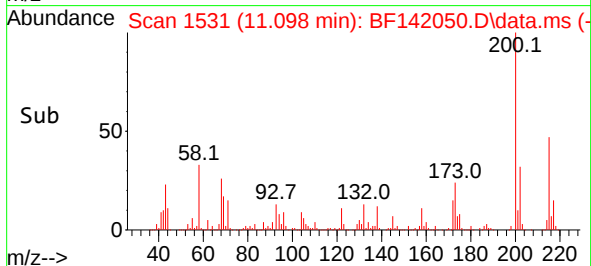
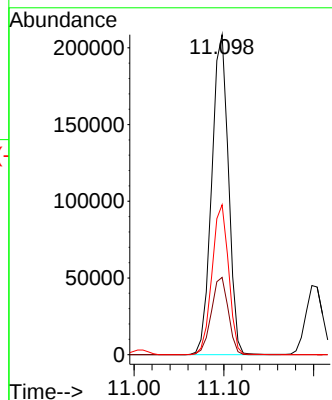
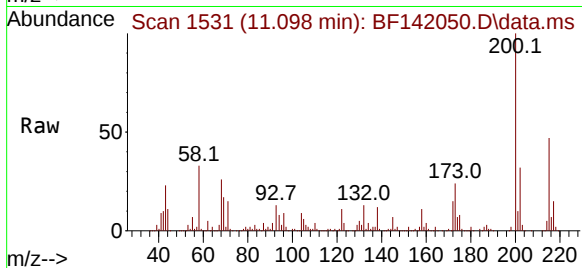
Tgt Ion:200 Resp: 269834

Ion Ratio Lower Upper

200 100

173 24.1 4.7 44.7

215 46.9 25.4 65.4



#70

Pentachlorophenol

Concen: 79.780 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

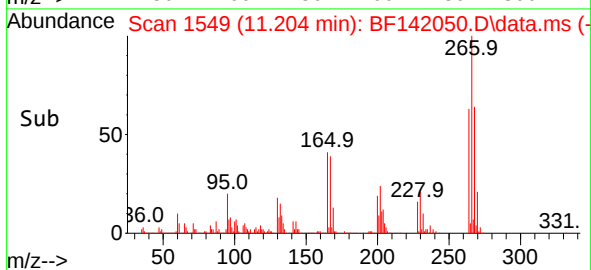
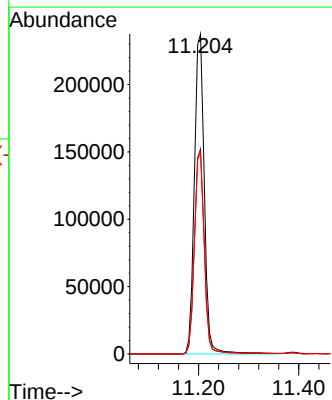
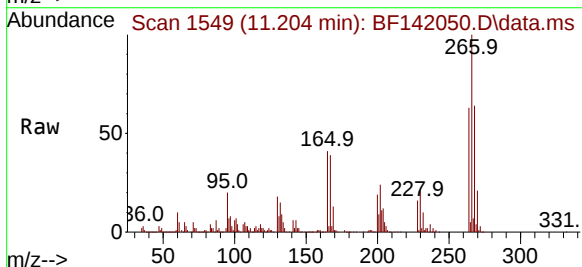
Tgt Ion:266 Resp: 327259

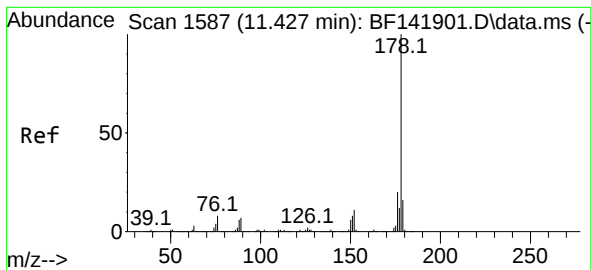
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 62.8 50.2 75.2





#71

Phenanthrene

Concen: 46.196 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

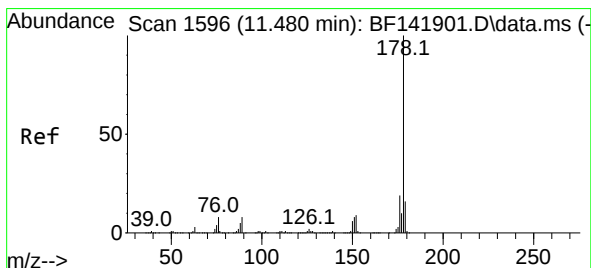
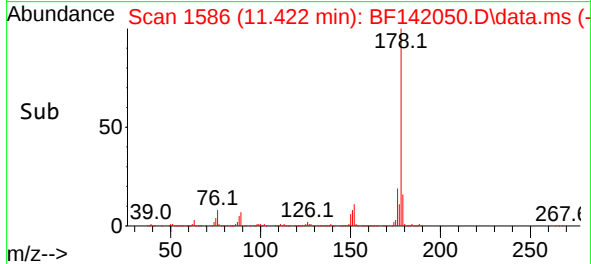
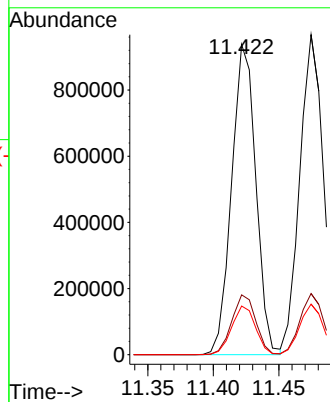
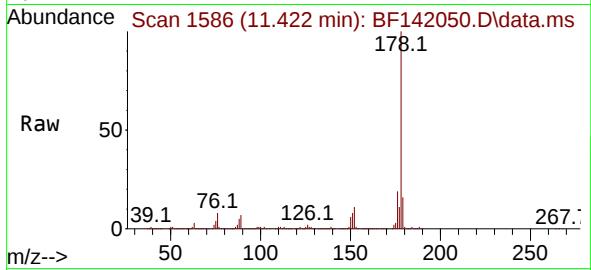
Tgt Ion:178 Resp: 1206054

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.7 12.6 19.0



#72

Anthracene

Concen: 45.939 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

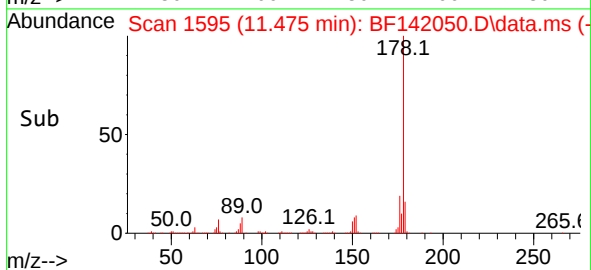
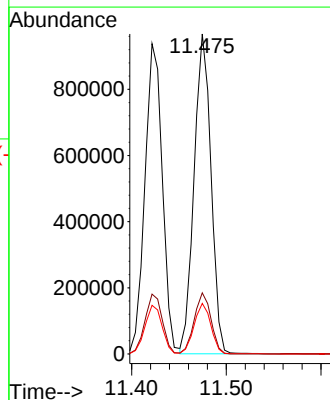
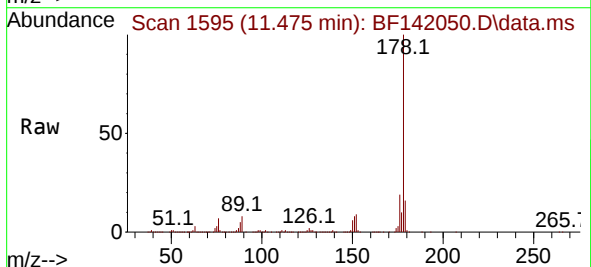
Tgt Ion:178 Resp: 1203257

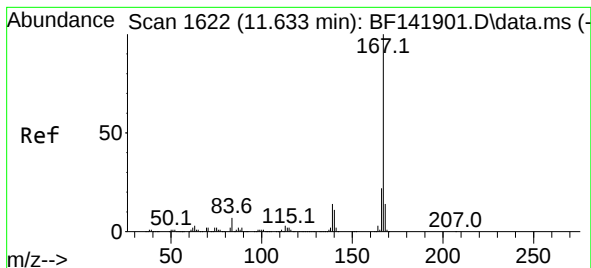
Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.8 12.6 19.0





#73

Carbazole

Concen: 42.092 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

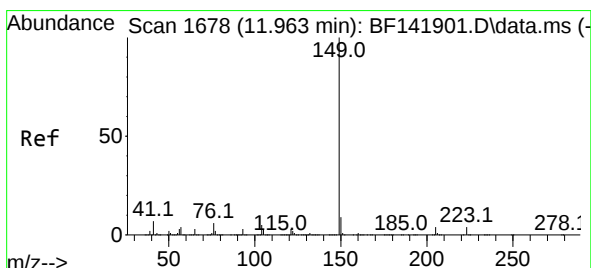
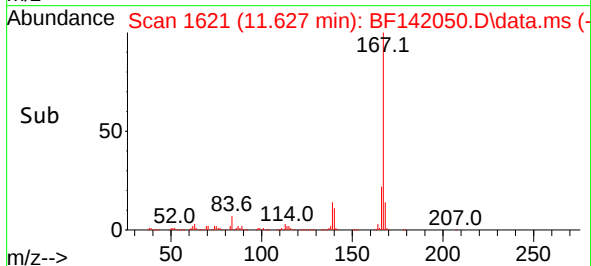
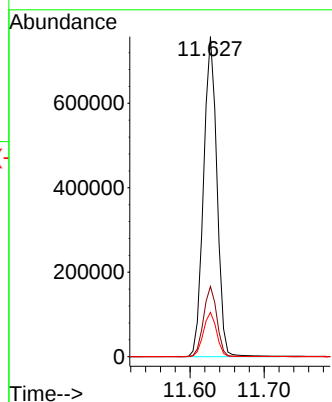
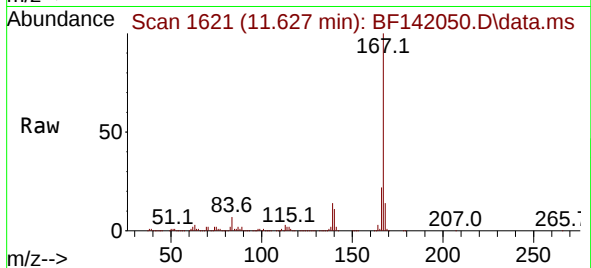
Tgt Ion:167 Resp: 950796

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 13.8 11.0 16.6



#74

Di-n-butylphthalate

Concen: 42.081 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

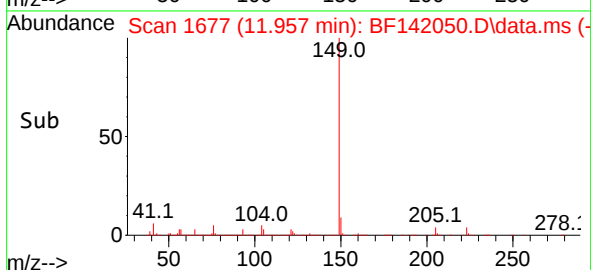
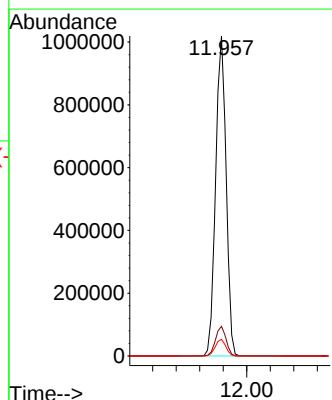
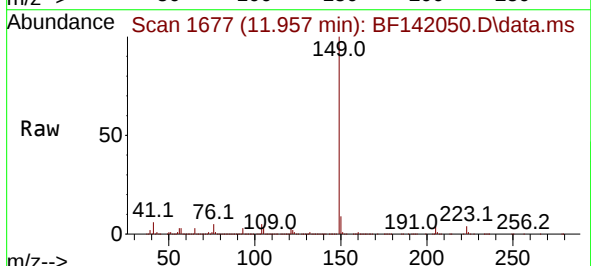
Tgt Ion:149 Resp: 1261275

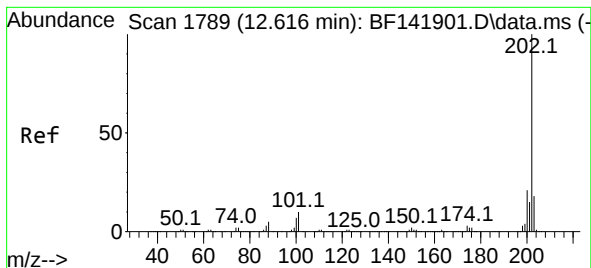
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 5.2 4.4 6.6





#75

Fluoranthene

Concen: 40.498 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

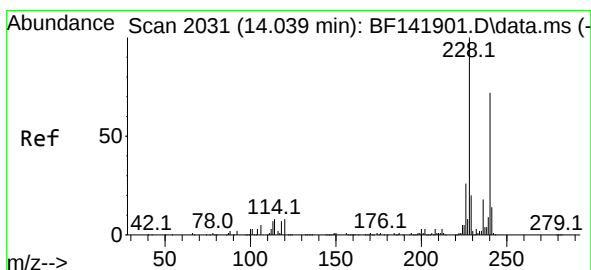
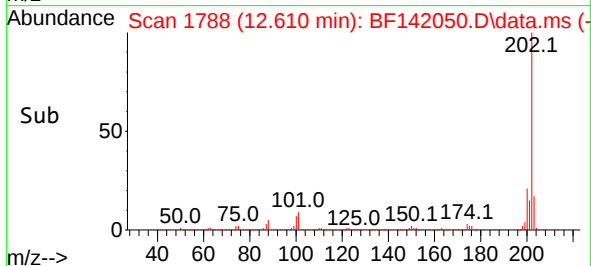
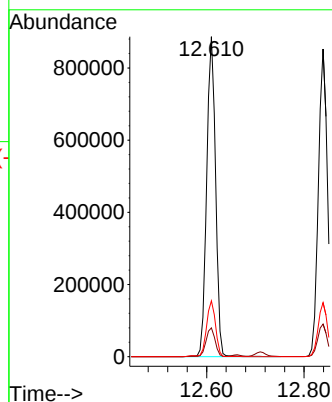
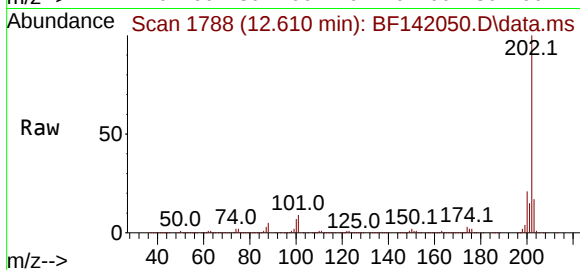
Tgt Ion:202 Resp: 1121539

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.7

203 17.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

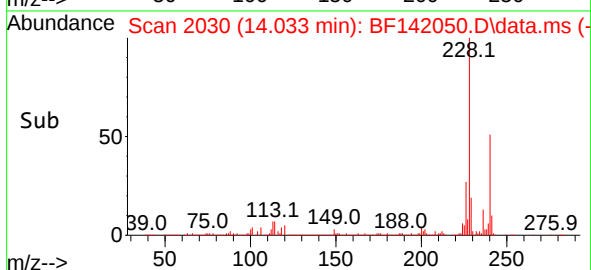
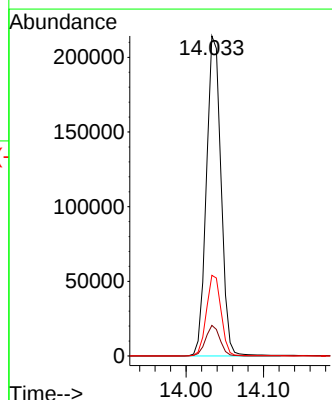
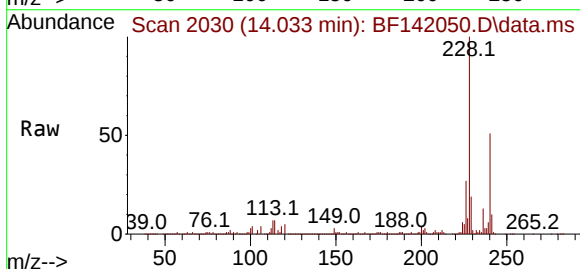
Tgt Ion:240 Resp: 280820

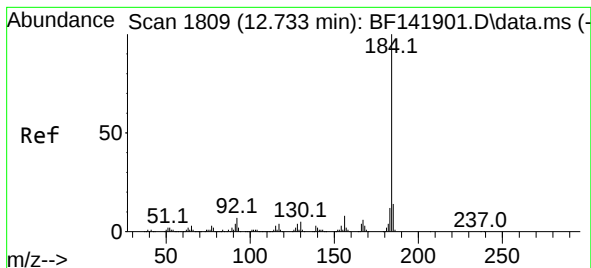
Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 25.2 20.5 30.7





#77

Benzidine

Concen: 37.159 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

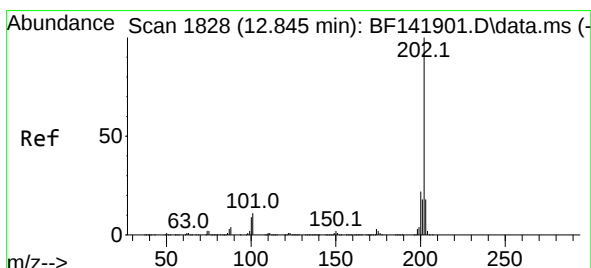
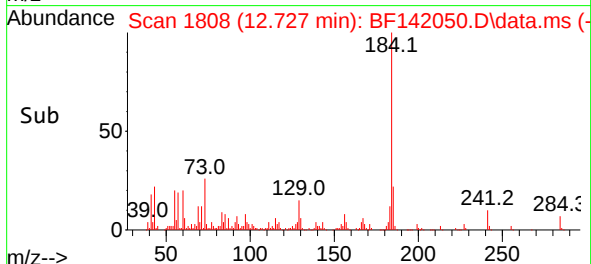
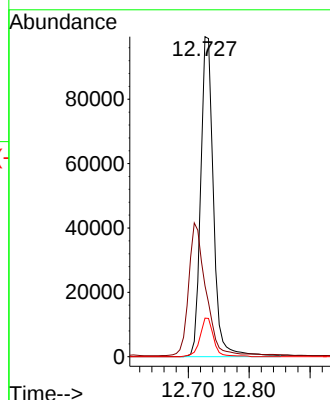
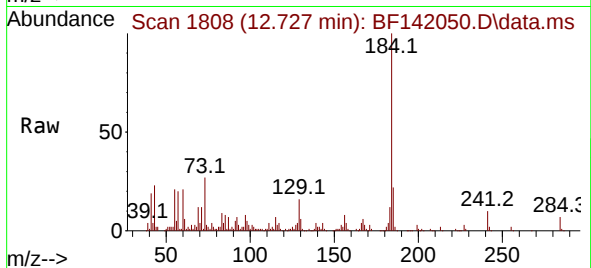
Tgt Ion:184 Resp: 145586

Ion Ratio Lower Upper

184 100

185 22.1 11.5 17.3#

183 12.0 9.7 14.5



#78

Pyrene

Concen: 45.085 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

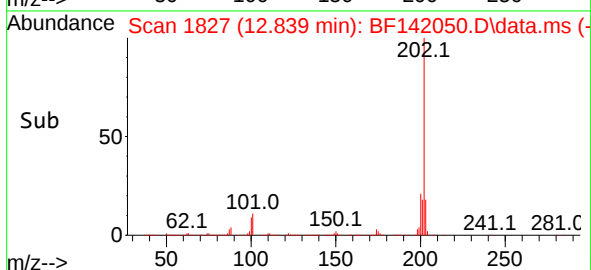
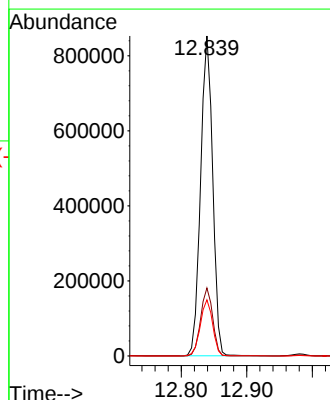
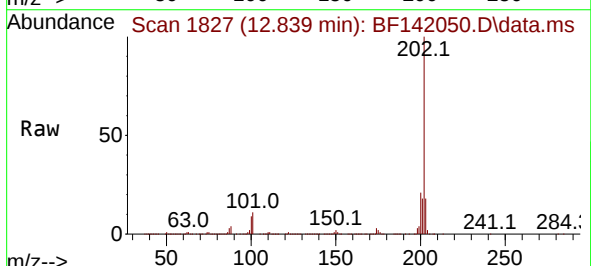
Tgt Ion:202 Resp: 1095162

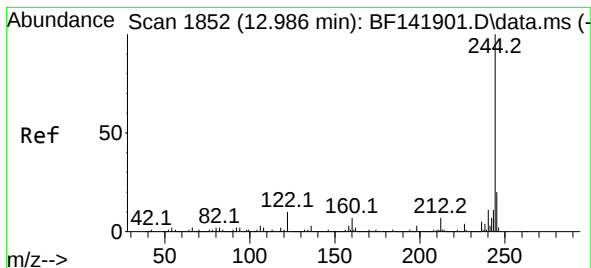
Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 102.134 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

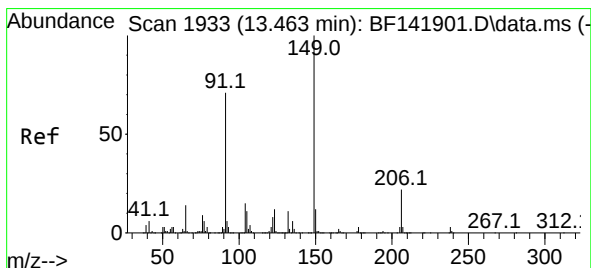
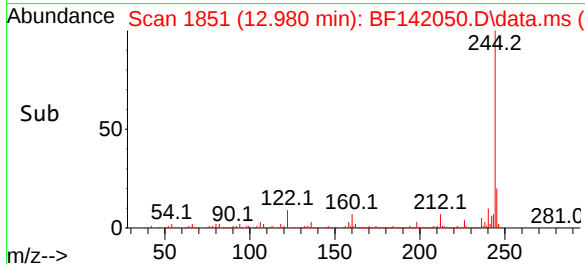
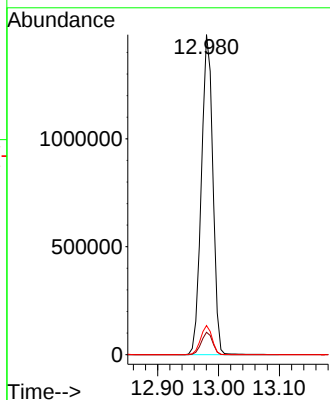
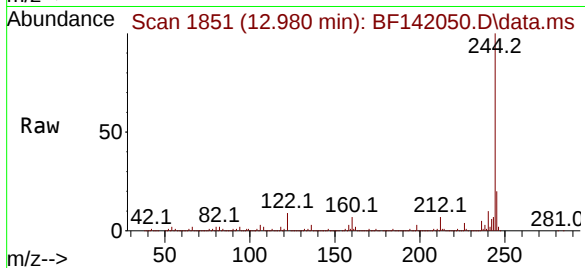
Tgt Ion:244 Resp: 1939948

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.1 7.7 11.5



#80

Butylbenzylphthalate

Concen: 41.603 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

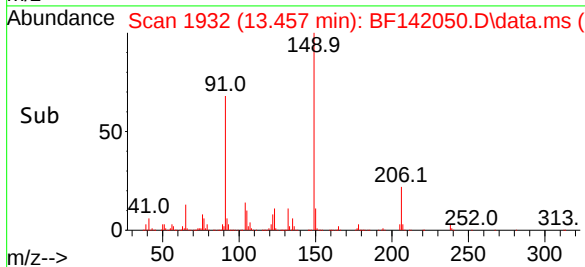
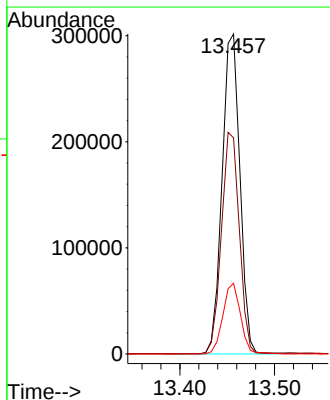
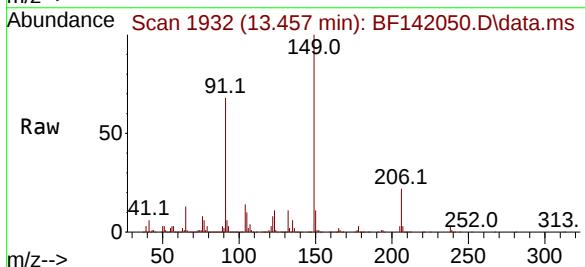
Tgt Ion:149 Resp: 395545

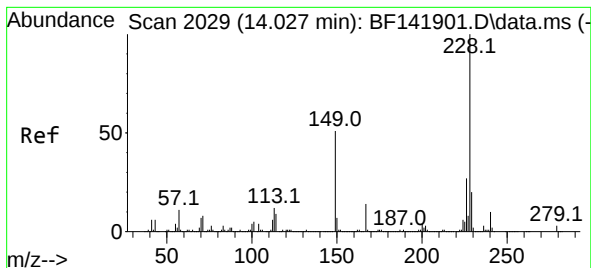
Ion Ratio Lower Upper

149 100

91 67.6 56.5 84.7

206 22.1 17.3 25.9





#81

Benzo(a)anthracene

Concen: 47.445 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

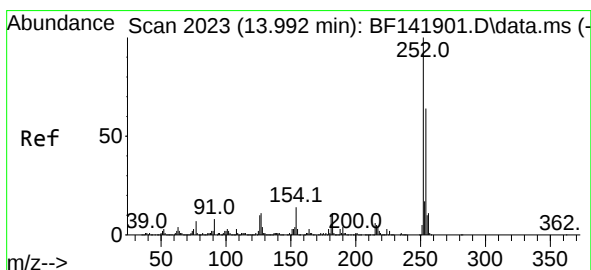
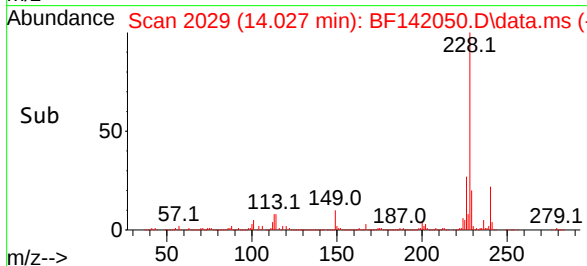
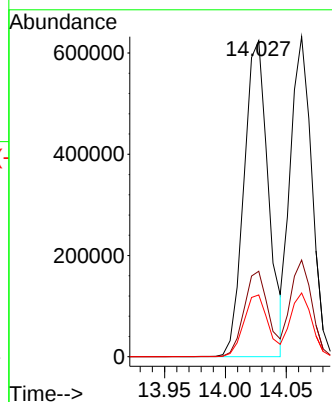
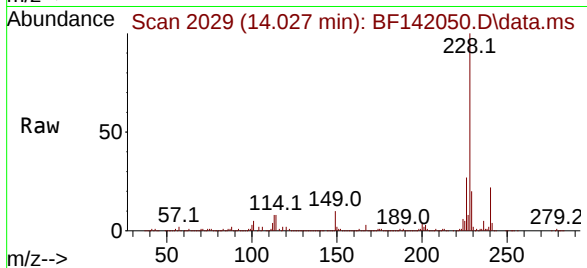
Tgt Ion:228 Resp: 874296

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.5 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 8.083 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

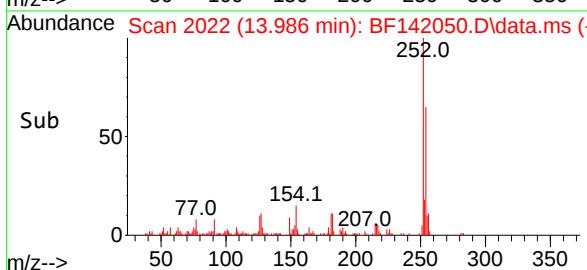
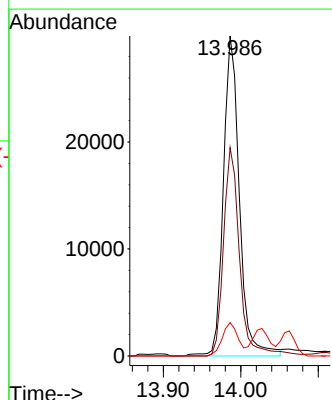
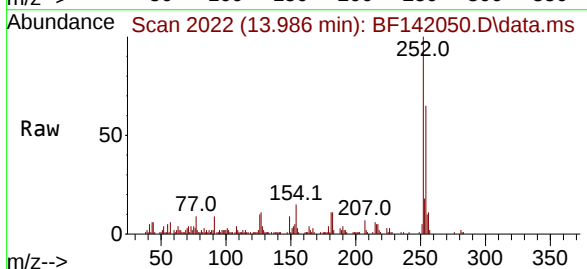
Tgt Ion:252 Resp: 43042

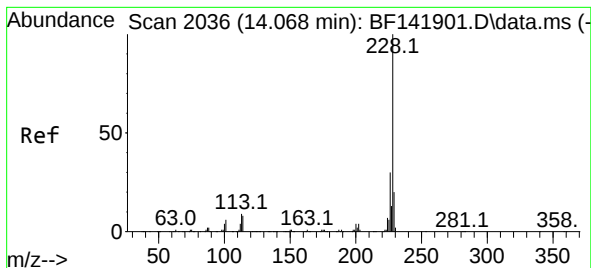
Ion Ratio Lower Upper

252 100

254 65.1 51.0 76.6

126 10.5 8.4 12.6





#83

Chrysene

Concen: 46.662 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

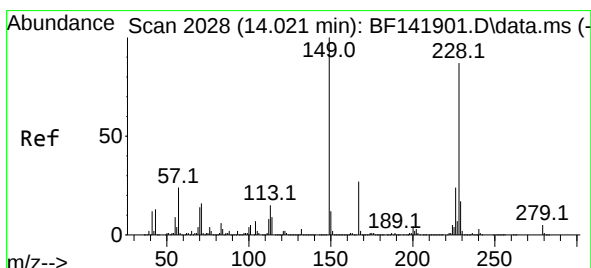
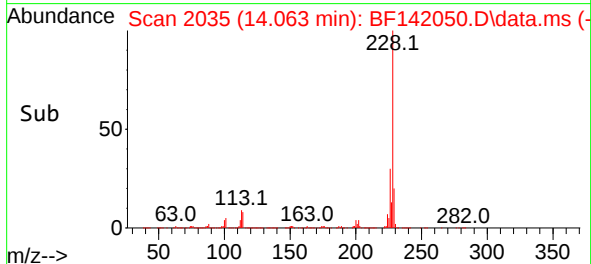
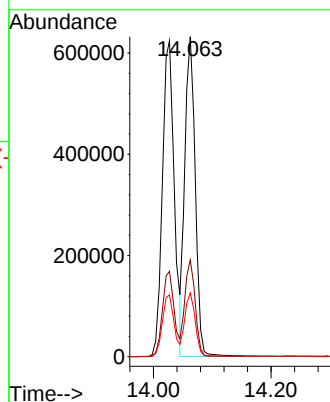
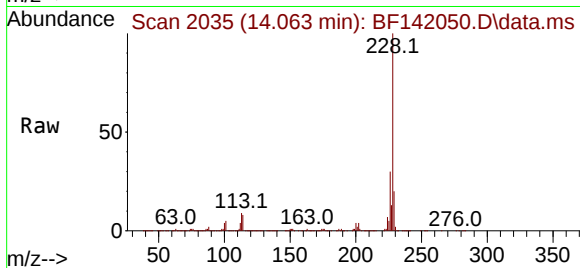
Tgt Ion:228 Resp: 779432

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.850 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

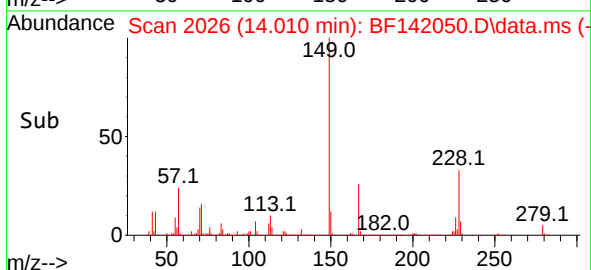
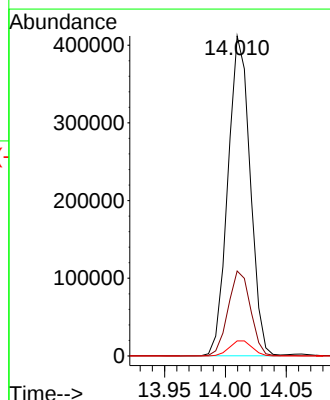
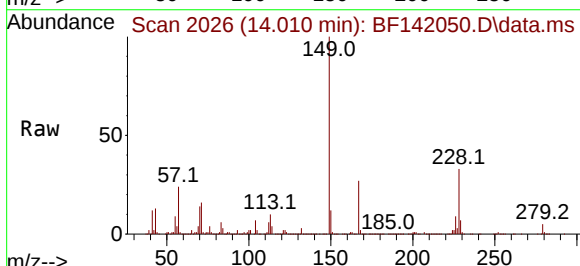
Tgt Ion:149 Resp: 522392

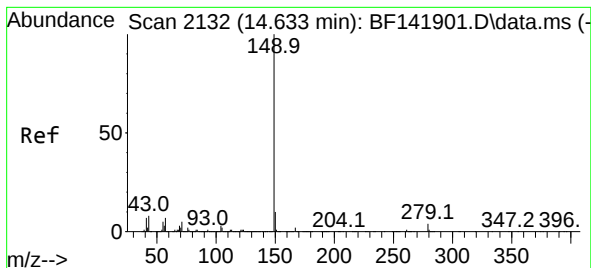
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 49.546 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.012 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

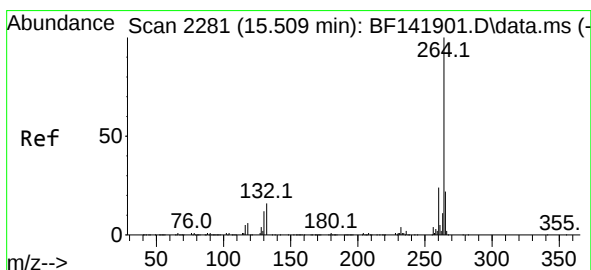
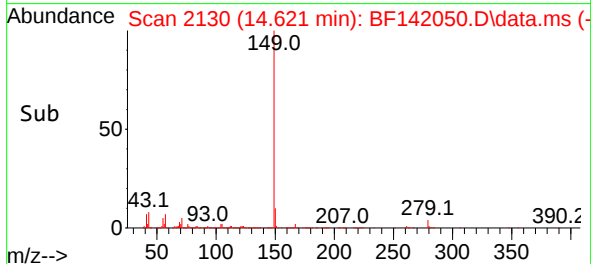
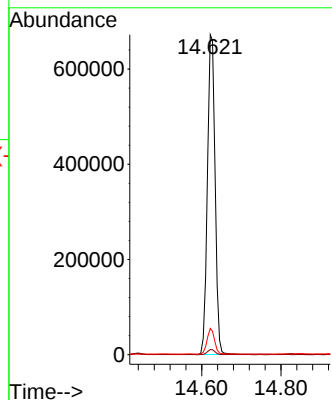
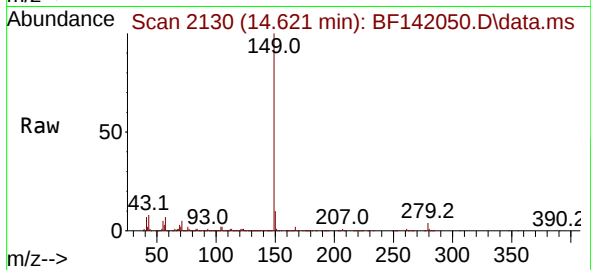
Tgt Ion:149 Resp: 903717

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

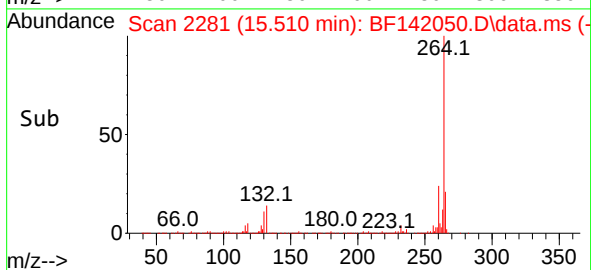
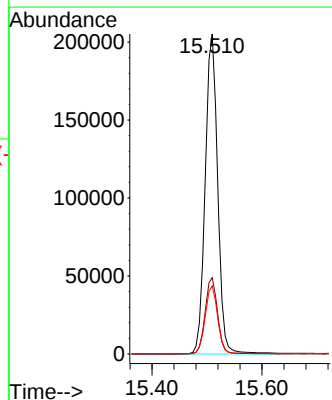
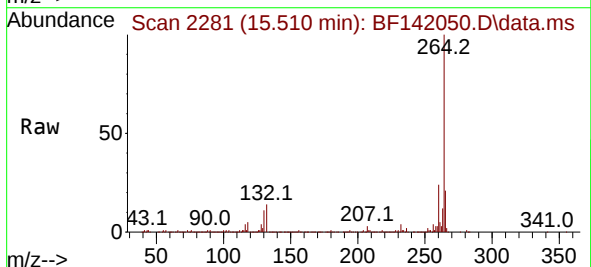
Tgt Ion:264 Resp: 323085

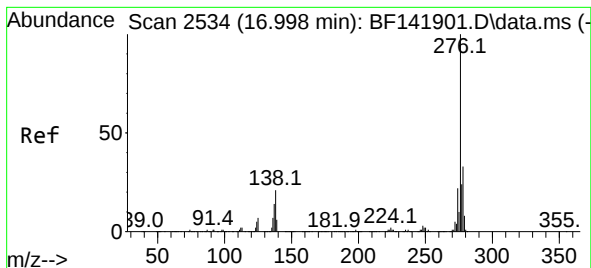
Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.792 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

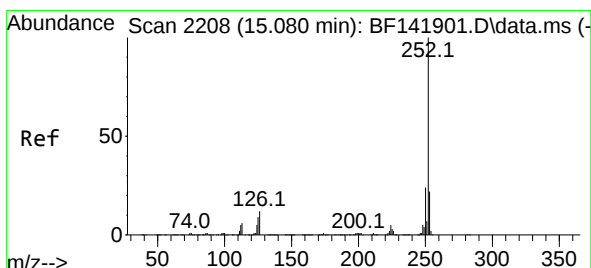
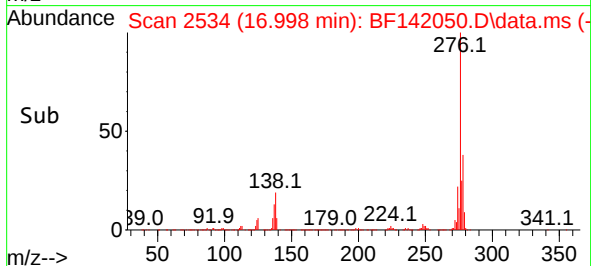
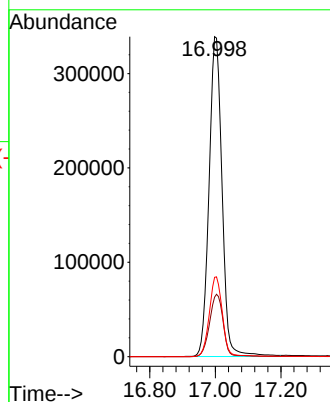
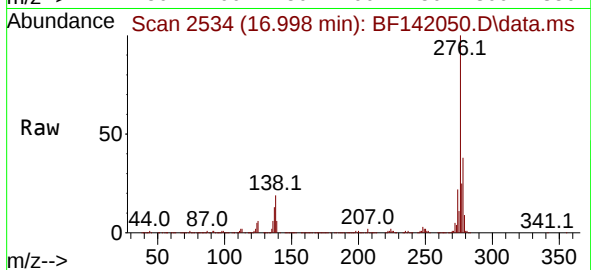
Tgt Ion:276 Resp: 936139

Ion Ratio Lower Upper

276 100

138 20.7 18.4 27.6

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 41.757 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

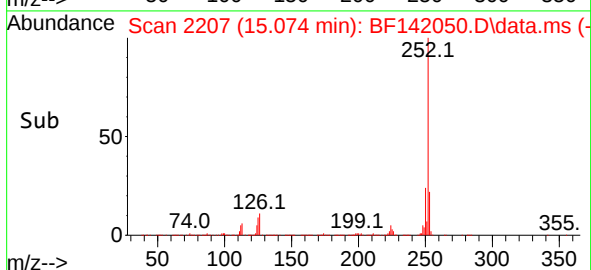
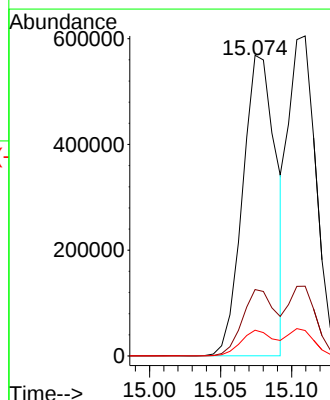
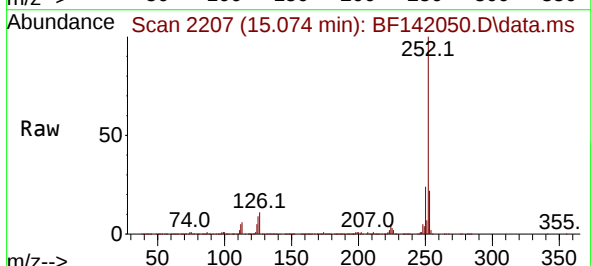
Tgt Ion:252 Resp: 924617

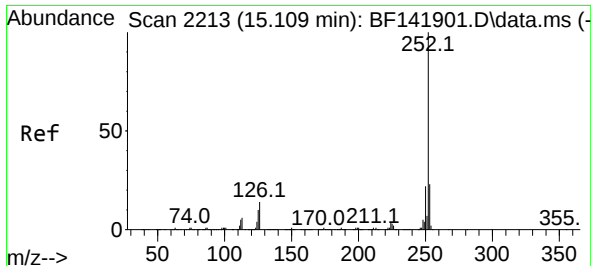
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.6 7.0 10.4

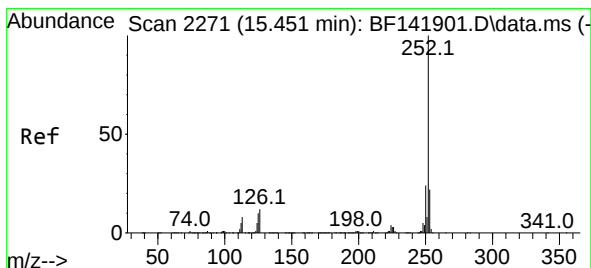
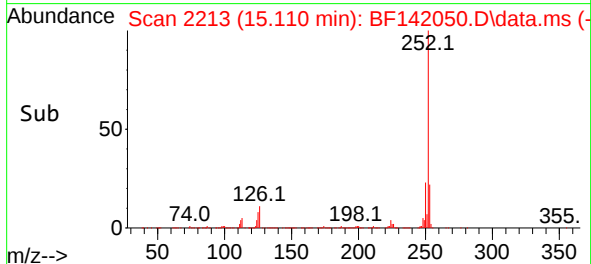
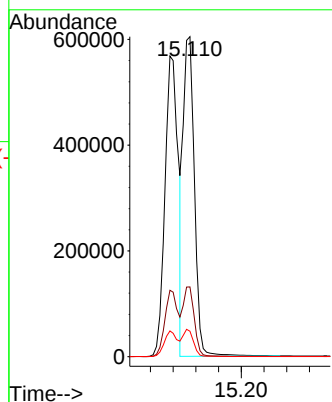
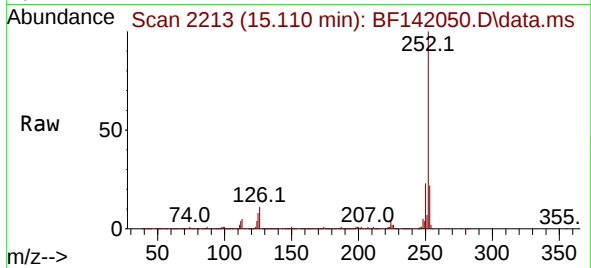




#89
Benzo(k)fluoranthene
Concen: 43.743 ng
RT: 15.110 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

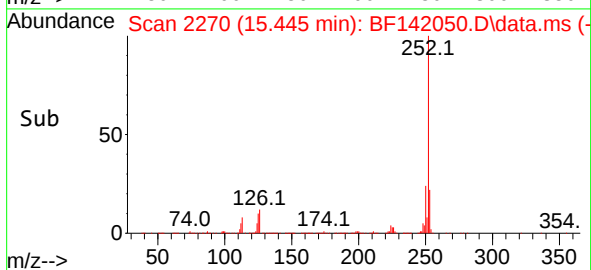
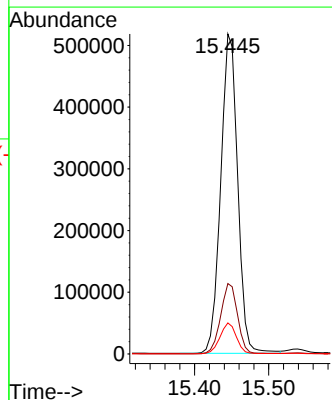
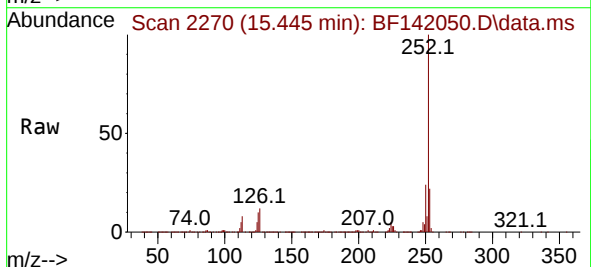
Instrument :
BNA_F
ClientSampleId :

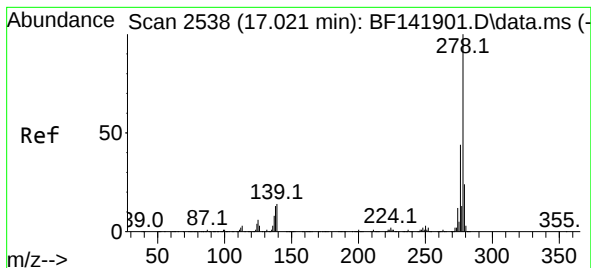
Tgt Ion:252 Resp: 828896
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 7.9 7.2 10.8



#90
Benzo(a)pyrene
Concen: 47.440 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF142050.D
Acq: 24 Mar 2025 12:56

Tgt Ion:252 Resp: 821941
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.7 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 43.551 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Instrument :

BNA_F

ClientSampleId :

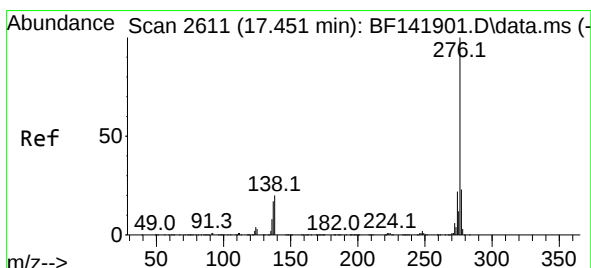
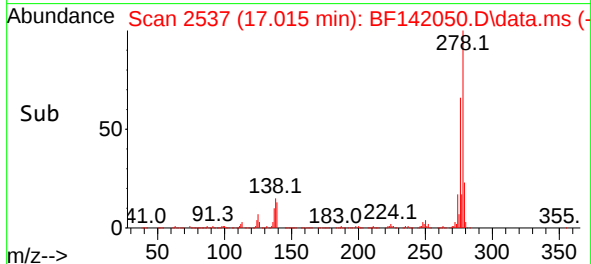
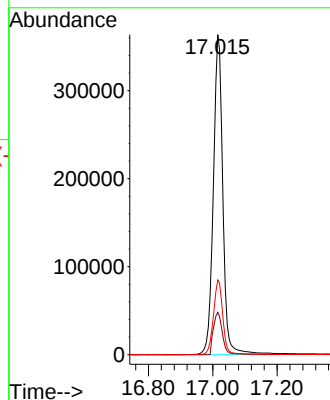
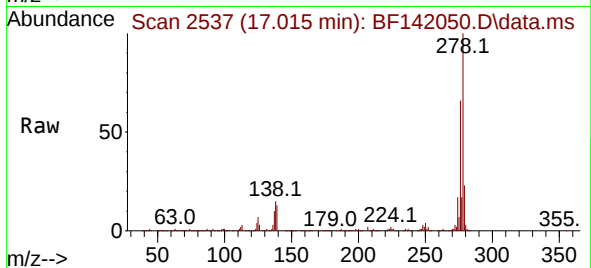
Tgt Ion:278 Resp: 750990

Ion Ratio Lower Upper

278 100

139 13.2 11.4 17.2

279 23.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 40.590 ng

RT: 17.451 min Scan# 2611

Delta R.T. 0.000 min

Lab File: BF142050.D

Acq: 24 Mar 2025 12:56

Tgt Ion:276 Resp: 691669

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 16.9 15.8 23.8

