

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142342.D
 Acq On : 13 May 2025 13:45
 Operator : RC/JU
 Sample : Q1993-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MSD

Quant Time: May 13 14:18:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	221066	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	841600	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	447768	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	724658	20.000	ng	0.00
76) Chrysene-d12	14.074	240	407587	20.000	ng	0.00
86) Perylene-d12	15.562	264	453389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	871505	67.298	ng	0.00
7) Phenol-d6	6.522	99	702084	44.080	ng	0.00
23) Nitrobenzene-d5	7.469	82	1259491	91.270	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	642952	148.724	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2438446	77.650	ng	0.00
79) Terphenyl-d14	13.016	244	1998010	72.555	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	113173	19.407	ng	99
3) Pyridine	3.493	79	269314	19.670	ng	98
4) n-Nitrosodimethylamine	3.440	42	168771	21.209	ng	97
6) Aniline	6.569	93	597881	38.270	ng	98
8) 2-Chlorophenol	6.687	128	547573	39.569	ng	98
9) Benzaldehyde	6.451	77	356085	38.198	ng	98
10) Phenol	6.534	94	280825	16.633	ng	98
11) bis(2-Chloroethyl)ether	6.639	93	617860	37.110	ng	99
12) 1,3-Dichlorobenzene	6.845	146	562663	35.540	ng	99
13) 1,4-Dichlorobenzene	6.922	146	575974	36.234	ng	99
14) 1,2-Dichlorobenzene	7.075	146	565364	37.054	ng	100
15) Benzyl Alcohol	7.039	79	356873	34.602	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1030130	41.433	ng	99
17) 2-Methylphenol	7.151	107	382890	34.175	ng	100
18) Hexachloroethane	7.422	117	188182	35.580	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	444906	45.158	ng	99
20) 3+4-Methylphenols	7.304	107	423760	30.306	ng	# 76
22) Acetophenone	7.310	105	850113	45.430	ng	98
24) Nitrobenzene	7.486	77	647369	49.767	ng	98
25) Isophorone	7.722	82	1227117	46.959	ng	99
26) 2-Nitrophenol	7.798	139	333366	52.729	ng	97
27) 2,4-Dimethylphenol	7.834	122	584294	44.473	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	775324	46.142	ng	99
29) 2,4-Dichlorophenol	8.039	162	522818	46.806	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	525741	41.823	ng	100
31) Naphthalene	8.210	128	1743065	42.734	ng	100
32) Benzoic acid	7.910	122	119374	22.299	ng	98
33) 4-Chloroaniline	8.257	127	248882	14.953	ng	100
34) Hexachlorobutadiene	8.328	225	298845	40.148	ng	99
35) Caprolactam	8.633	113	24716	7.592	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	504096	43.415	ng	100
37) 2-Methylnaphthalene	8.898	142	1119426	44.167	ng	99
38) 1-Methylnaphthalene	8.998	142	1176636	44.541	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	556690	44.515	ng	99
41) Hexachlorocyclopentadiene	9.057	237	622413	80.531	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	408130	51.739	ng	99

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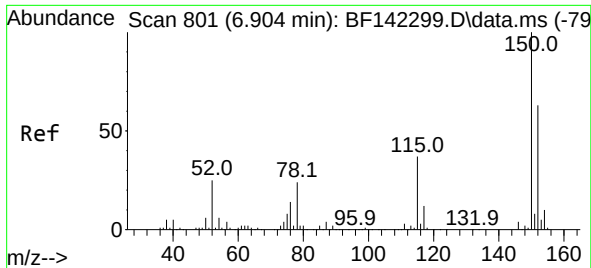
Quant Time: May 13 14:18:25 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	419470	49.978	ng	100
46) 1,1'-Biphenyl	9.363	154	1566630	45.631	ng	100
47) 2-Chloronaphthalene	9.392	162	1161143	45.478	ng	100
48) 2-Nitroaniline	9.486	65	372559	56.928	ng	94
49) Acenaphthylene	9.810	152	1944287	45.521	ng	100
50) Dimethylphthalate	9.669	163	1418621	49.339	ng	99
51) 2,6-Dinitrotoluene	9.728	165	310344	57.664	ng	92
52) Acenaphthene	9.980	154	1301843	50.691	ng	99
53) 3-Nitroaniline	9.892	138	163608	25.920	ng	97
54) 2,4-Dinitrophenol	9.998	184	322352	111.183	ng	# 1
55) Dibenzofuran	10.151	168	1717820	45.323	ng	99
56) 4-Nitrophenol	10.045	139	191606	40.334	ng	98
57) 2,4-Dinitrotoluene	10.127	165	418571	60.631	ng	98
58) Fluorene	10.492	166	1306634	45.173	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	355309	51.281	ng	100
60) Diethylphthalate	10.369	149	2159612	75.212	ng	98
61) 4-Chlorophenyl-phenyle...	10.486	204	645158	46.231	ng	100
62) 4-Nitroaniline	10.510	138	284711	56.912	ng	99
63) Azobenzene	10.645	77	1311682	47.805	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	203210	58.337	ng	99
66) n-Nitrosodiphenylamine	10.604	169	1201766	49.837	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	419820	51.118	ng	98
68) Hexachlorobenzene	11.039	284	452855	50.128	ng	99
69) Atrazine	11.133	200	327274	51.487	ng	99
70) Pentachlorophenol	11.233	266	520921	109.611	ng	97
71) Phenanthrene	11.457	178	1767047	46.520	ng	100
72) Anthracene	11.510	178	1790740	45.882	ng	100
73) Carbazole	11.663	167	1530832	43.718	ng	100
74) Di-n-butylphthalate	11.992	149	2006185	54.486	ng	100
75) Fluoranthene	12.645	202	1590916	41.899	ng	100
77) Benzidine	12.763	184	178374	24.082	ng	99
78) Pyrene	12.874	202	1548848	42.692	ng	100
80) Butylbenzylphthalate	13.492	149	648929	60.278	ng	99
81) Benzo(a)anthracene	14.063	228	1278426	48.433	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	261890	42.665	ng	99
83) Chrysene	14.098	228	1180559	48.044	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	882737	62.609	ng	99
85) Di-n-octyl phthalate	14.668	149	1388300	54.565	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	1170137	37.101	ng	100
88) Benzo(b)fluoranthene	15.127	252	1329901	48.431	ng	99
89) Benzo(k)fluoranthene	15.157	252	1274067	50.701	ng	100
90) Benzo(a)pyrene	15.504	252	1248896	50.754	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	973904	37.377	ng	100
92) Benzo(g,h,i)perylene	17.527	276	853513	33.004	ng	99

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

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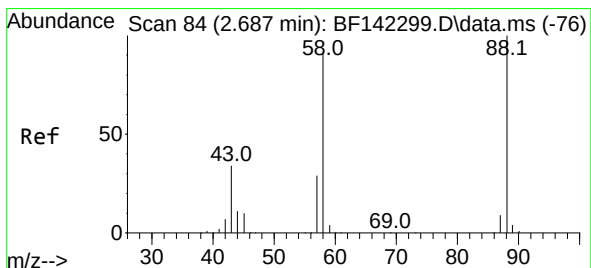
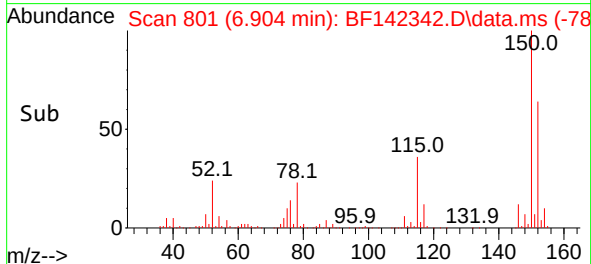
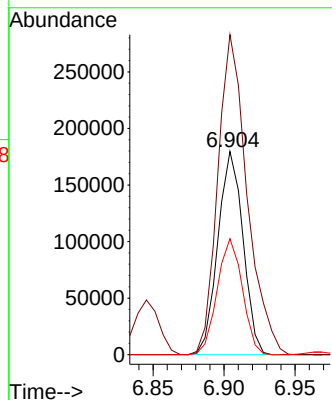
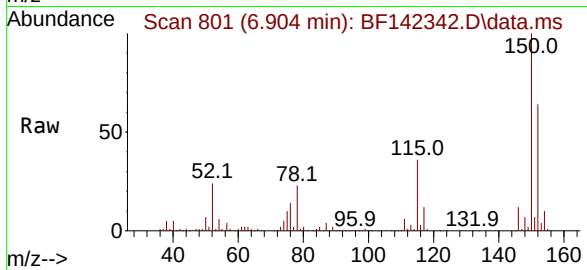




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142342.D
 Acq: 13 May 2025 13:45

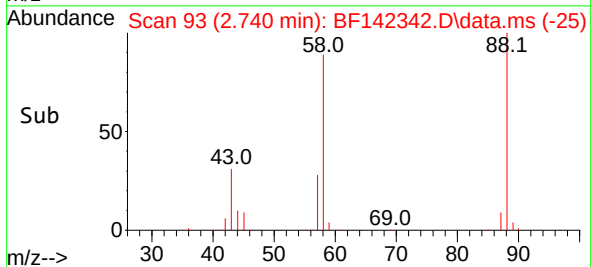
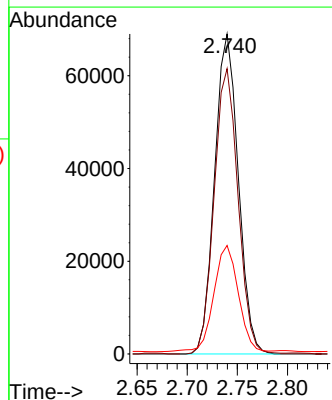
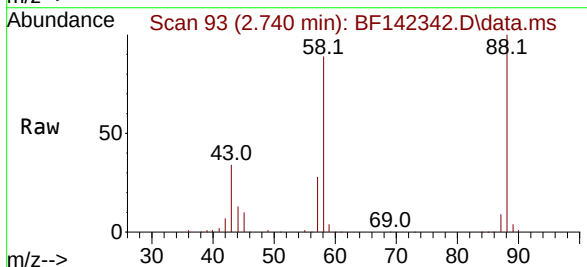
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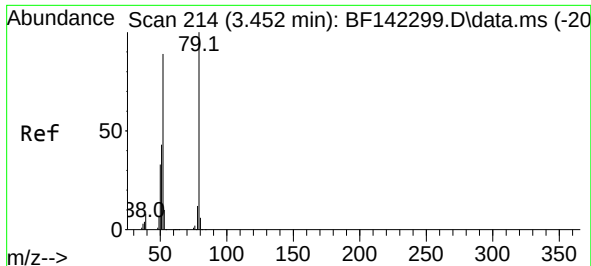
Tgt Ion:152 Resp: 221066
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.6 190.0
 115 57.1 47.3 70.9



#2
 1,4-Dioxane
 Concen: 19.407 ng
 RT: 2.740 min Scan# 93
 Delta R.T. 0.053 min
 Lab File: BF142342.D
 Acq: 13 May 2025 13:45

Tgt Ion: 88 Resp: 113173
 Ion Ratio Lower Upper
 88 100
 58 90.0 73.0 109.4
 43 34.3 27.8 41.6

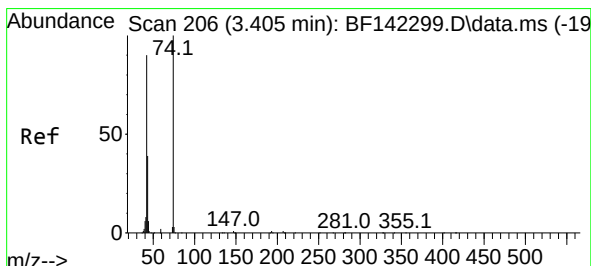
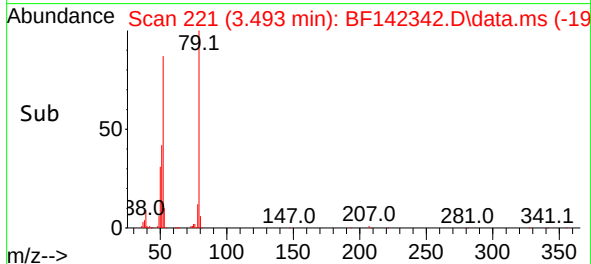
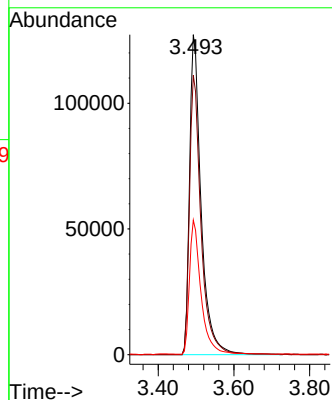
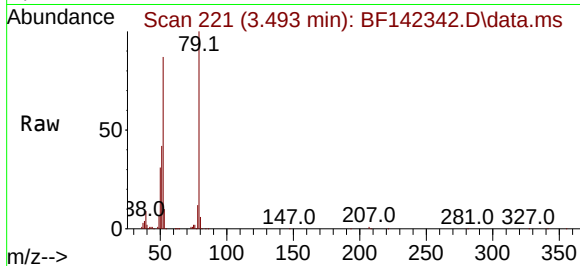




#3
 Pyridine
 Concen: 19.670 ng
 RT: 3.493 min Scan# 214
 Delta R.T. 0.041 min
 Lab File: BF142342.D
 Acq: 13 May 2025 13:45

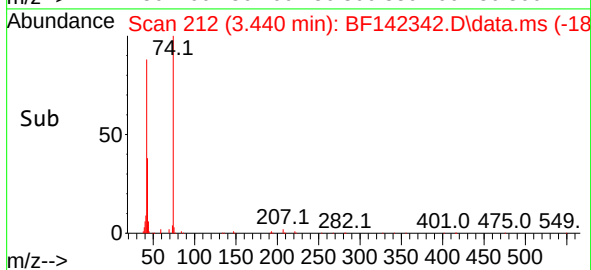
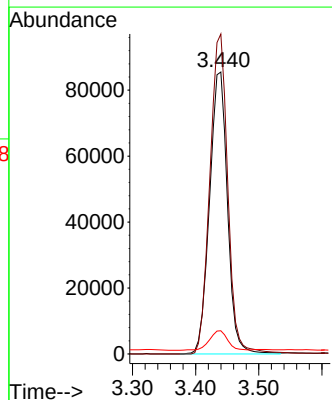
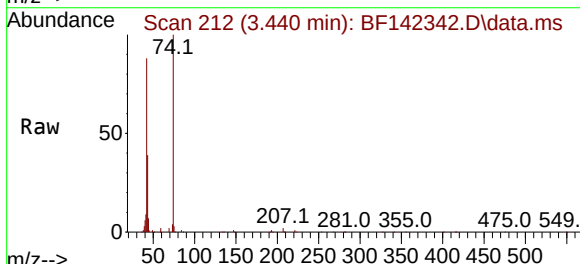
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 ClientSampleId :
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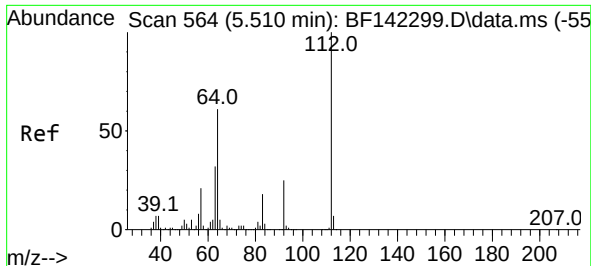
Tgt Ion: 79 Resp: 269314
 Ion Ratio Lower Upper
 79 100
 52 87.3 71.0 106.4
 51 42.0 34.9 52.3



#4
 n-Nitrosodimethylamine
 Concen: 21.209 ng
 RT: 3.440 min Scan# 212
 Delta R.T. 0.035 min
 Lab File: BF142342.D
 Acq: 13 May 2025 13:45

Tgt Ion: 42 Resp: 168771
 Ion Ratio Lower Upper
 42 100
 74 113.5 88.5 132.7
 44 8.2 5.8 8.8

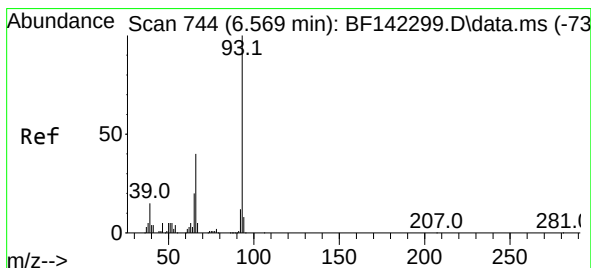
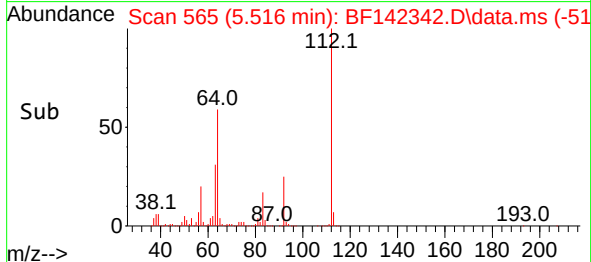
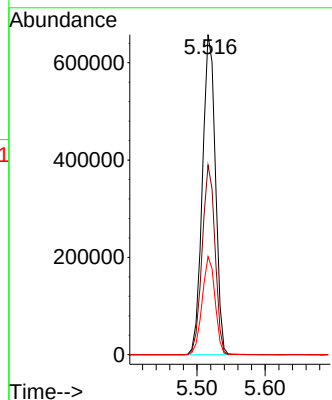
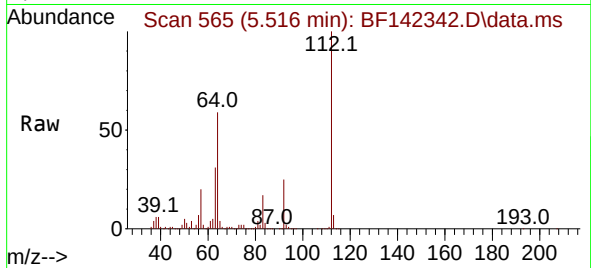




#5
2-Fluorophenol
Concen: 67.298 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

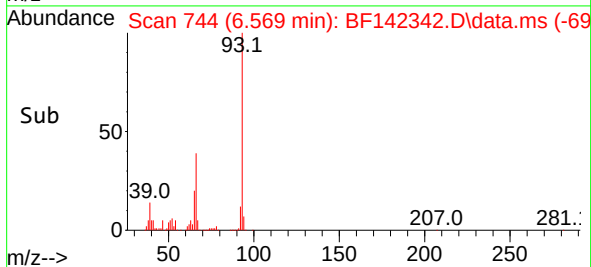
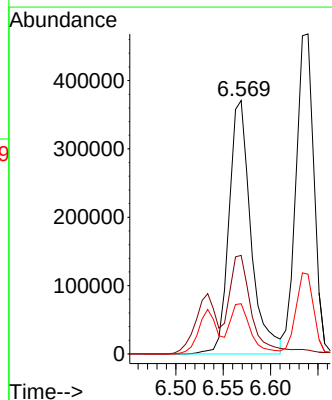
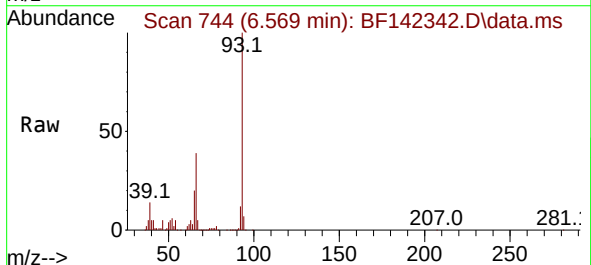
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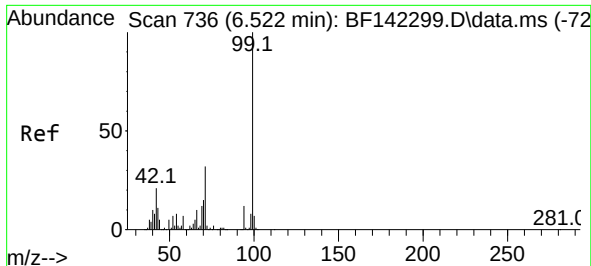
Tgt Ion:112 Resp: 871505
Ion Ratio Lower Upper
112 100
64 59.2 48.9 73.3
63 30.6 25.6 38.4



#6
Aniline
Concen: 38.270 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion: 93 Resp: 597881
Ion Ratio Lower Upper
93 100
66 38.9 32.2 48.4
65 19.8 16.3 24.5

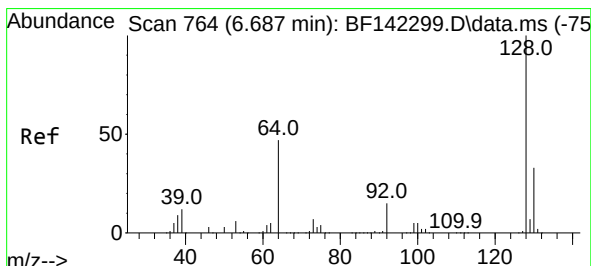
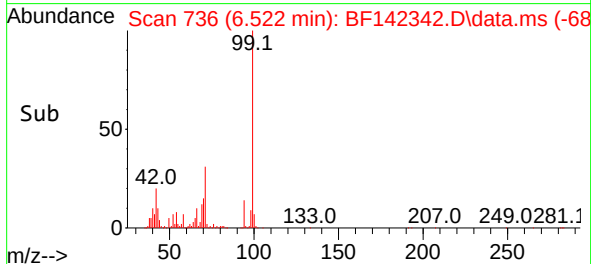
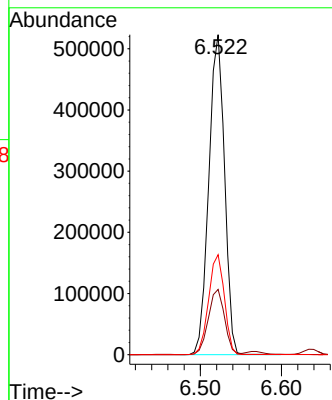
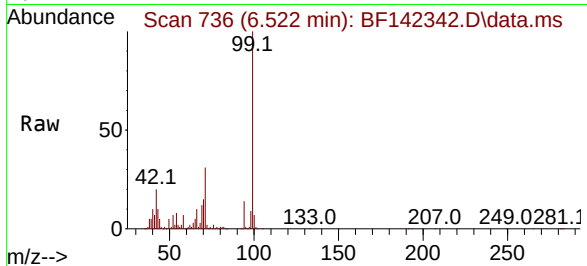




#7
Phenol-d6
Concen: 44.080 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

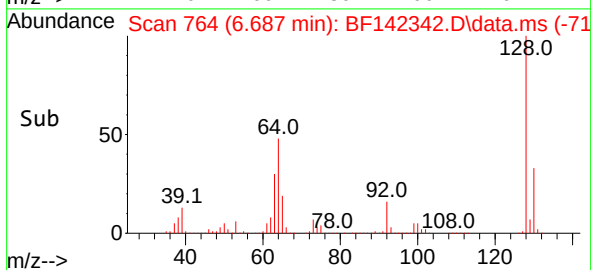
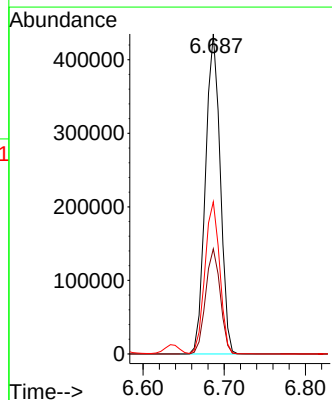
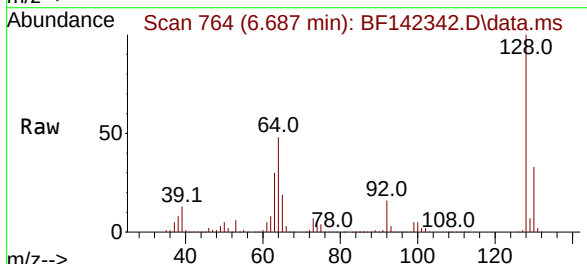
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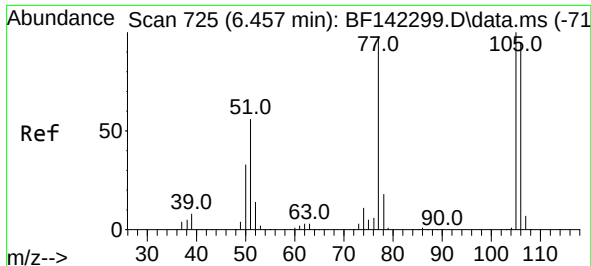
Tgt Ion: 99 Resp: 702084
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.4
71 31.2 25.8 38.8



#8
2-Chlorophenol
Concen: 39.569 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion: 128 Resp: 547573
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 47.6 29.2 69.2





#9

Benzaldehyde

Concen: 38.198 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

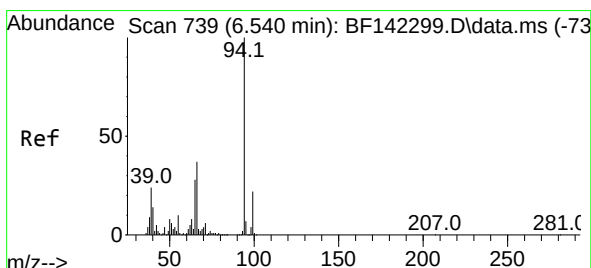
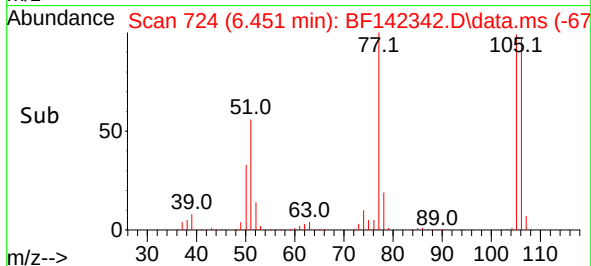
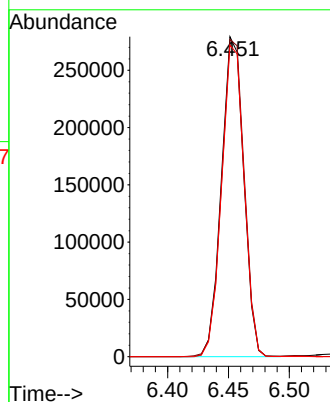
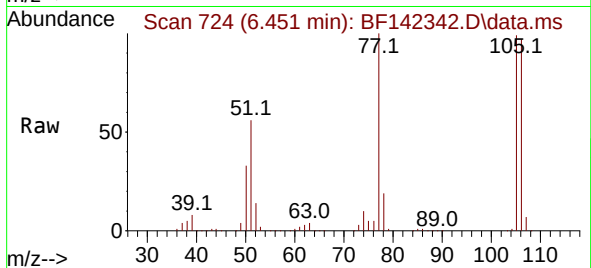
Tgt Ion: 77 Resp: 356085

Ion Ratio Lower Upper

77 100

105 99.1 82.0 122.0

106 97.3 77.2 117.2



#10

Phenol

Concen: 16.633 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

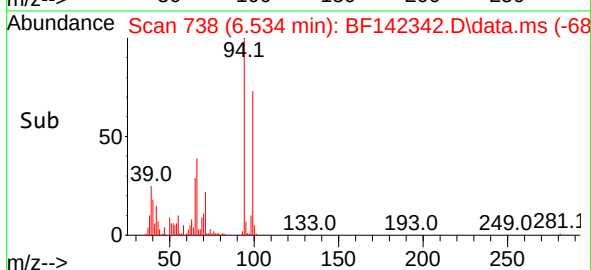
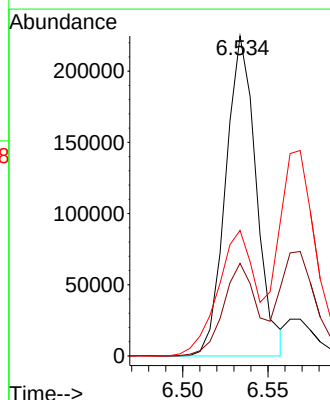
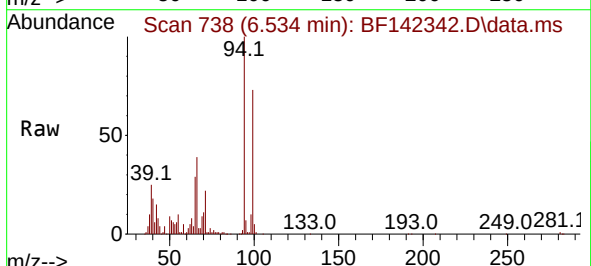
Tgt Ion: 94 Resp: 280825

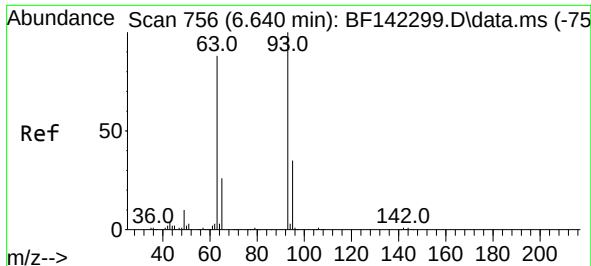
Ion Ratio Lower Upper

94 100

65 28.9 8.5 48.5

66 39.3 17.3 57.3

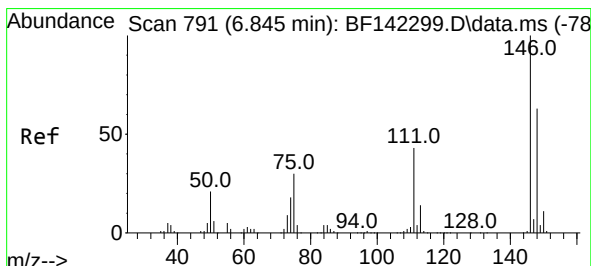
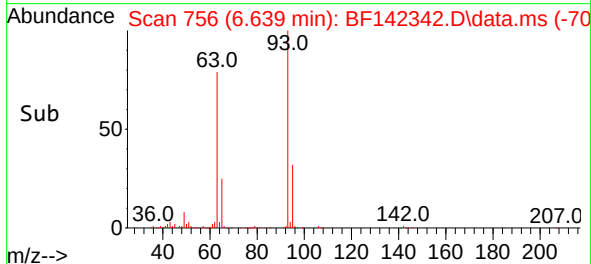
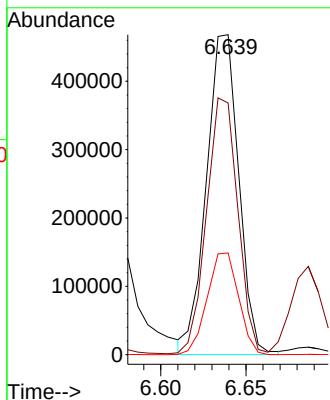
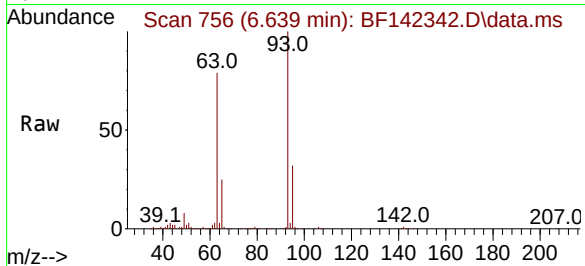




#11
bis(2-Chloroethyl)ether
Concen: 37.110 ng
RT: 6.639 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

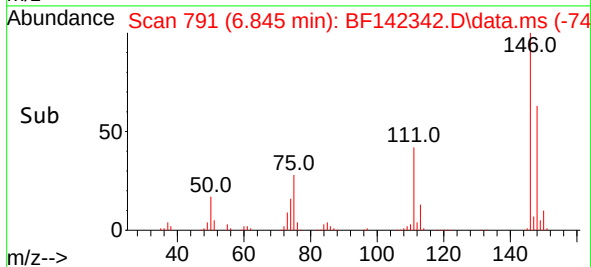
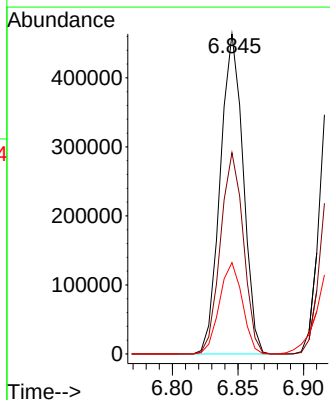
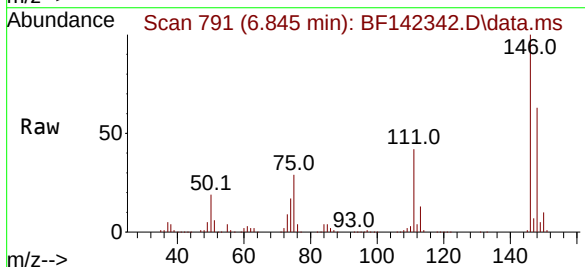
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

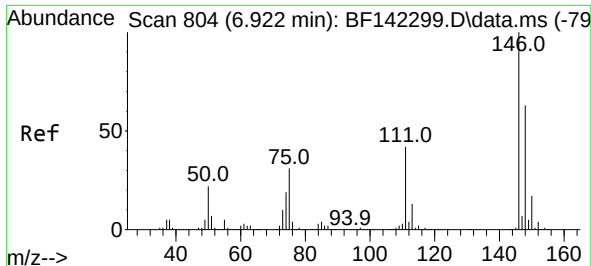
Tgt Ion:	93	Resp:	617860
Ion	Ratio	Lower	Upper
93	100		
63	78.7	58.4	98.4
95	31.8	10.6	50.6



#12
1,3-Dichlorobenzene
Concen: 35.540 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:	146	Resp:	562663
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
75	28.6	24.2	36.4

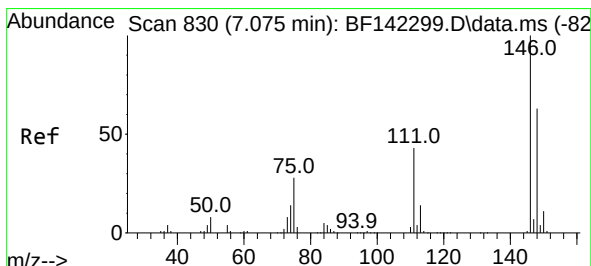
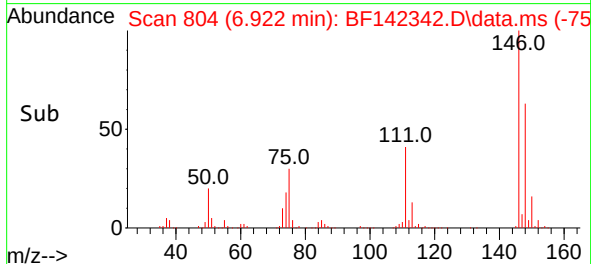
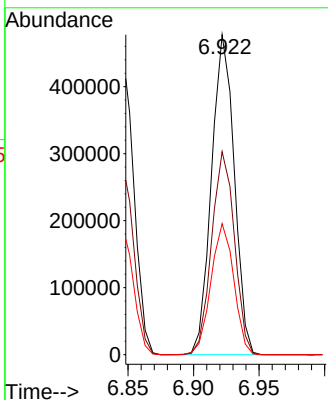
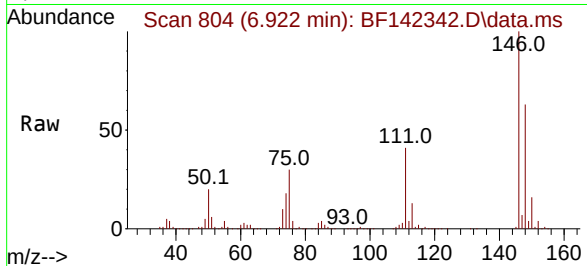




#13
1,4-Dichlorobenzene
Concen: 36.234 ng
RT: 6.922 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

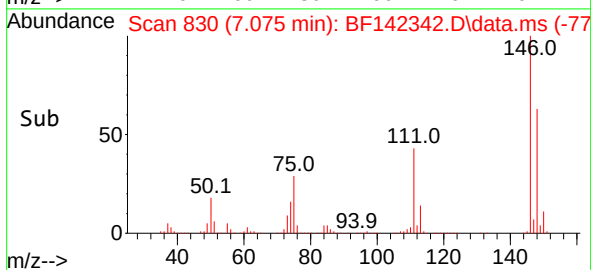
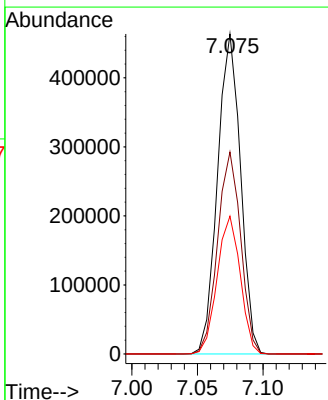
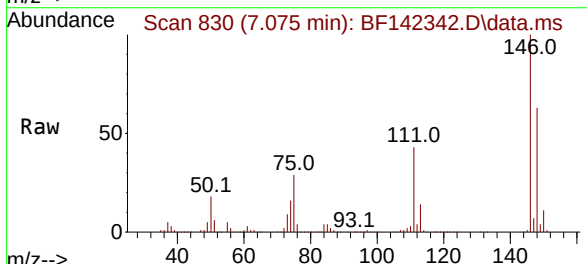
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

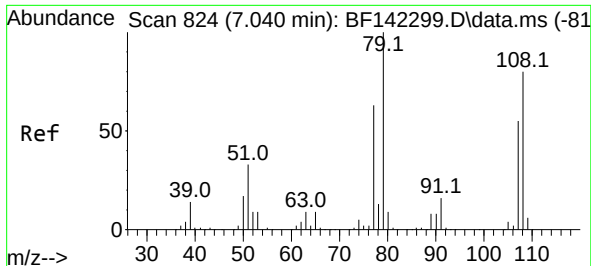
Tgt Ion:146 Resp: 575974
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
111 40.9 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 37.054 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:146 Resp: 565364
Ion Ratio Lower Upper
146 100
148 63.1 50.3 75.5
111 43.1 34.5 51.7

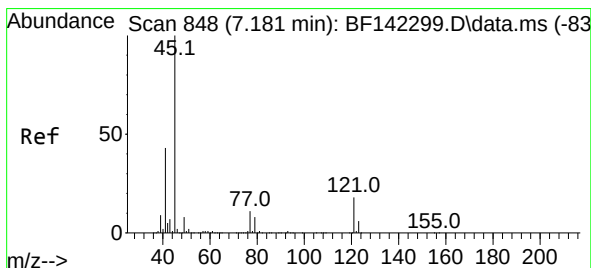
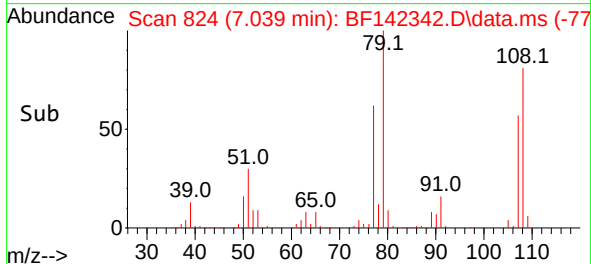
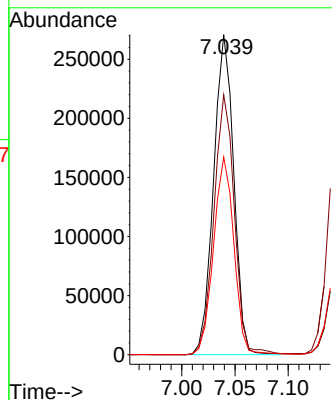
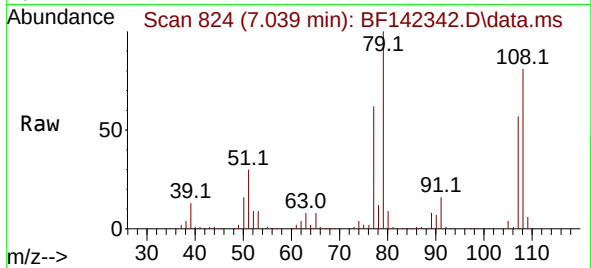




#15
Benzyl Alcohol
Concen: 34.602 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

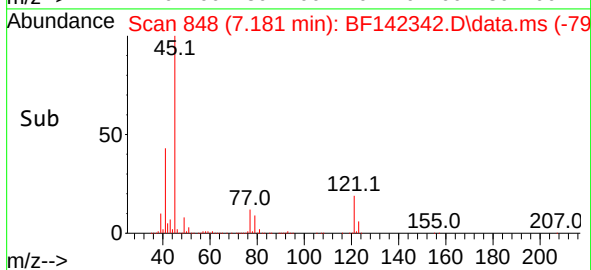
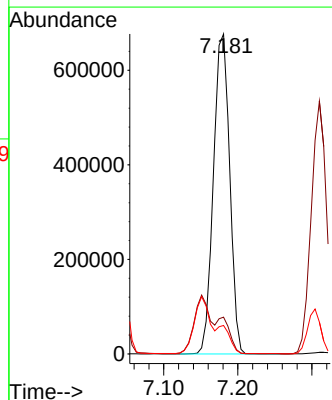
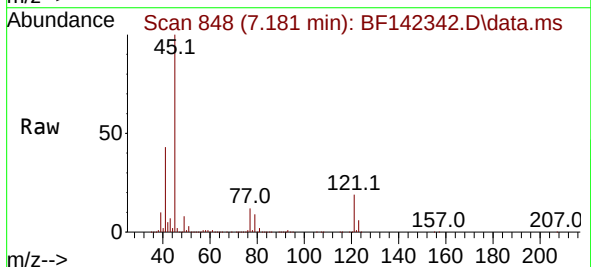
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

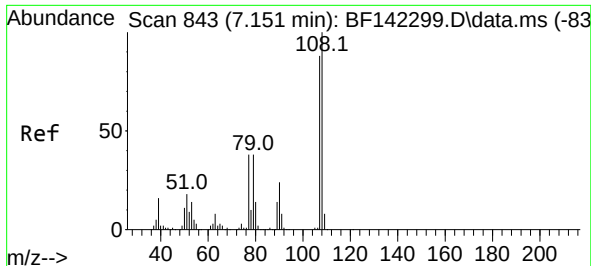
Tgt Ion:	79	Resp:	356873
Ion Ratio	Lower	Upper	
79	100		
108	81.2	63.9	95.9
77	61.7	50.7	76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.433 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

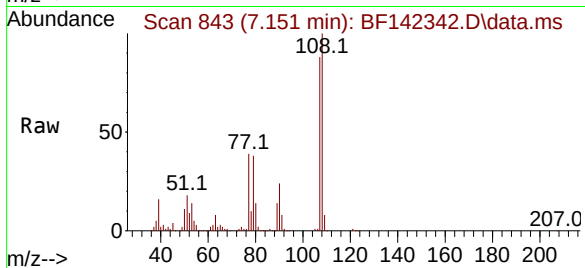
Tgt Ion:	45	Resp:	1030130
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	31.2
79	8.9	0.0	28.5



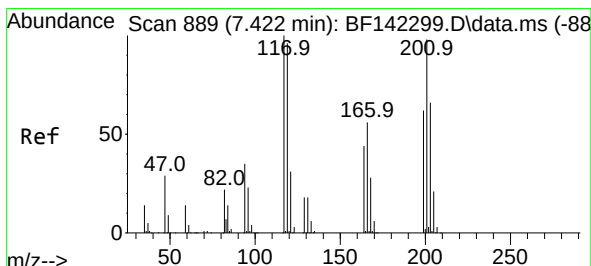
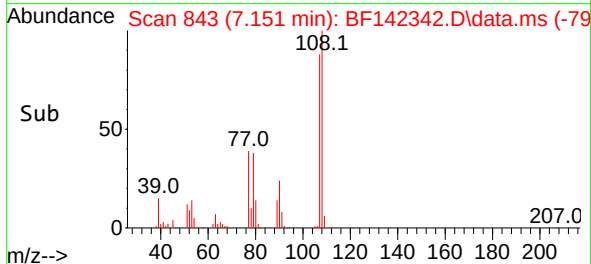
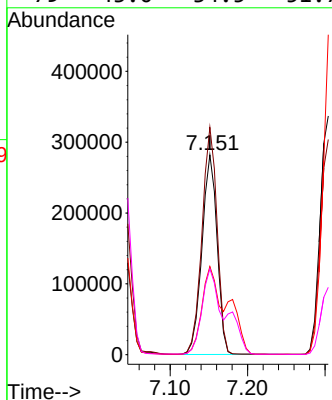


#17
2-Methylphenol
Concen: 34.175 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

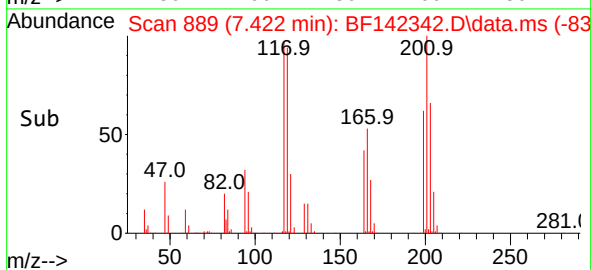
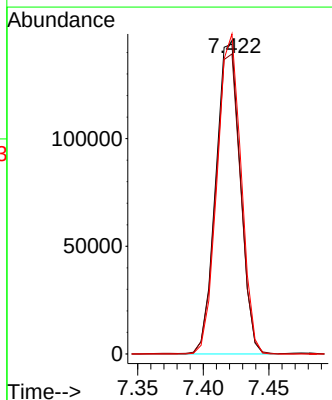
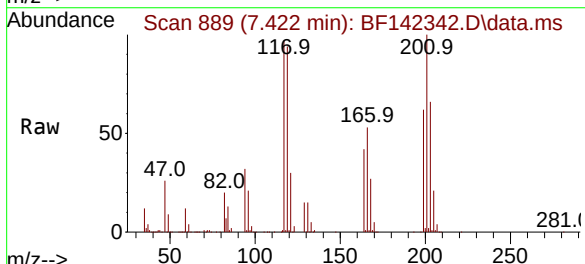


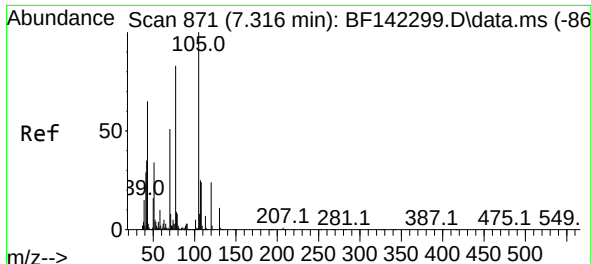
Tgt Ion:	107	Resp:	382890
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.1	136.7
77	44.1	34.7	52.1
79	43.0	34.5	51.7



#18
Hexachloroethane
Concen: 35.580 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:	117	Resp:	188182
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.9	115.3
201	103.2	78.0	117.0

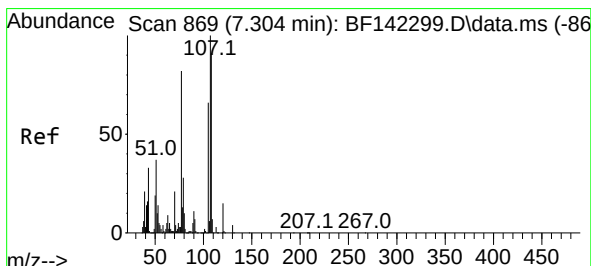
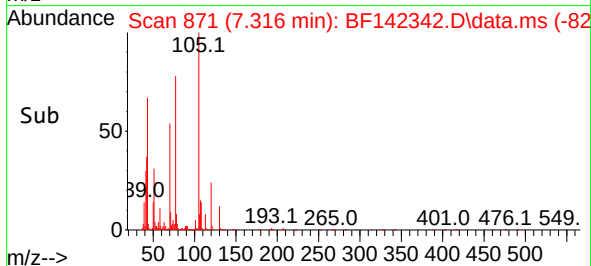
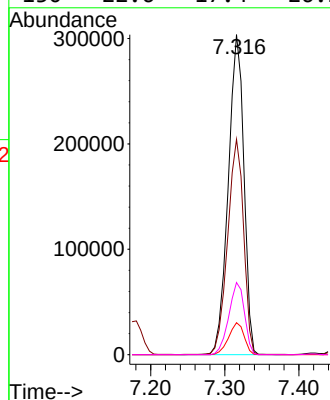
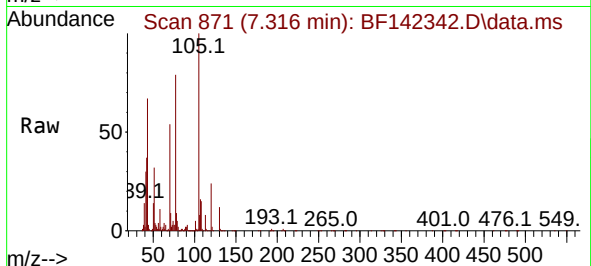




#19
n-Nitroso-di-n-propylamine
Concen: 45.158 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

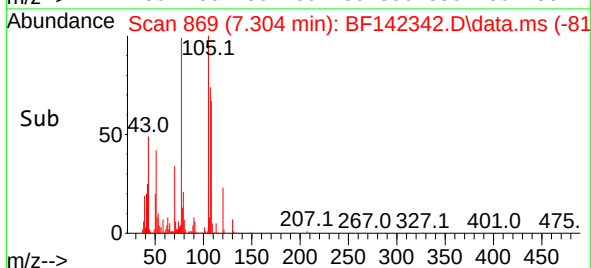
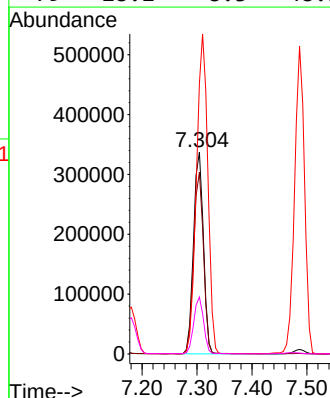
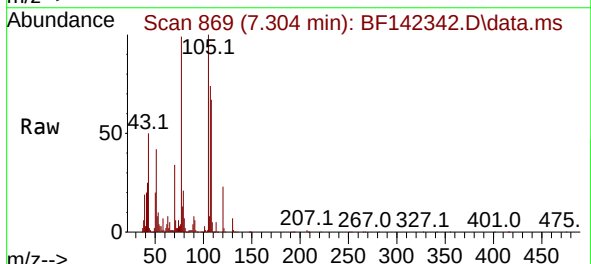
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

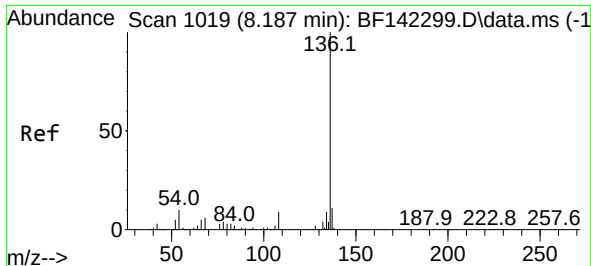
Tgt Ion: 70 Resp: 444906
Ion Ratio Lower Upper
70 100
42 67.3 54.8 82.2
101 10.0 7.7 11.5
130 22.6 17.4 26.2



#20
3+4-Methylphenols
Concen: 30.306 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion: 107 Resp: 423760
Ion Ratio Lower Upper
107 100
108 90.1 71.5 111.5
77 134.0 61.6 101.6#
79 28.2 8.3 48.3

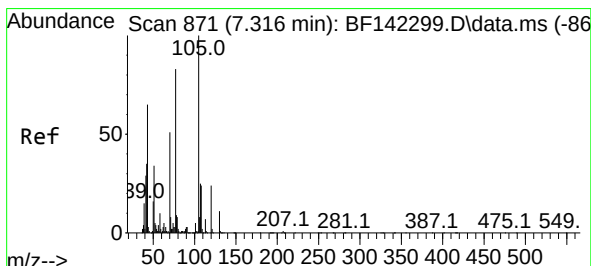
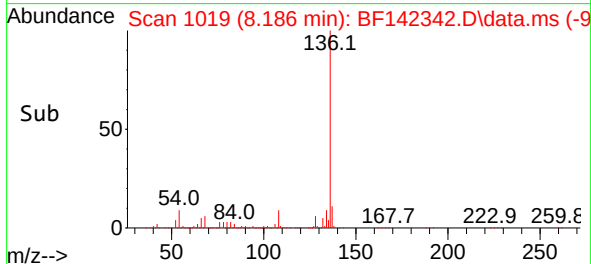
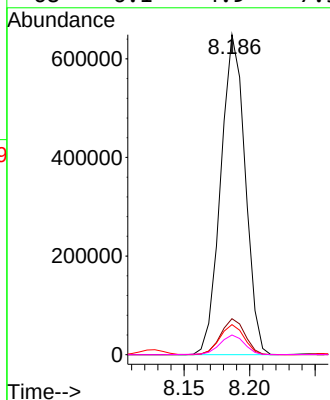
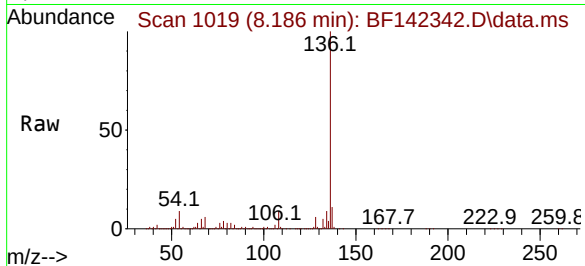




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

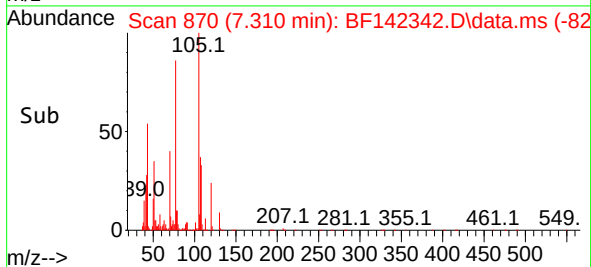
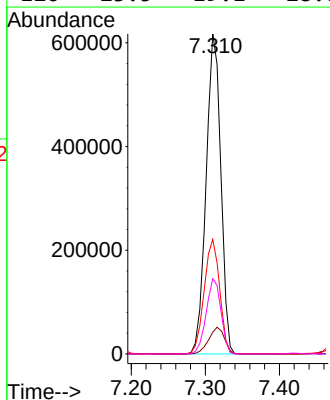
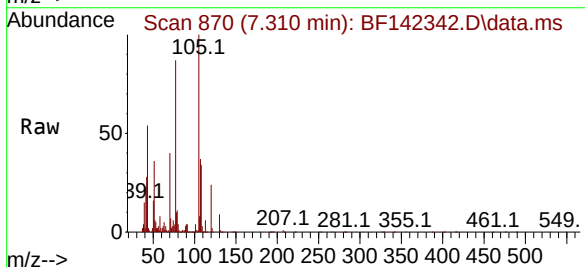
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

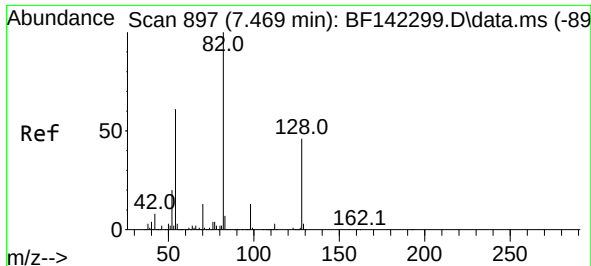
Tgt Ion:136	Resp: 841600
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 9.4	7.7 11.5
68 6.1	4.9 7.3



#22
Acetophenone
Concen: 45.430 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt	Ion:105	Resp:	850113
Ion	Ratio	Lower	Upper
105	100		
71	6.8	6.7	10.1
51	35.8	27.6	41.4
120	23.5	19.1	28.7





#23

Nitrobenzene-d5

Concen: 91.270 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

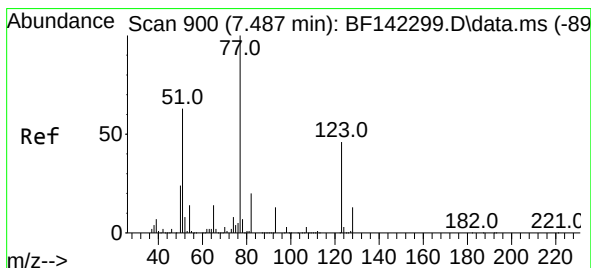
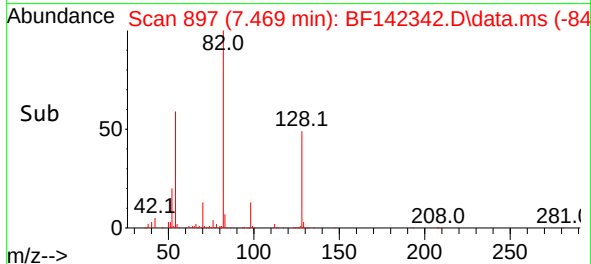
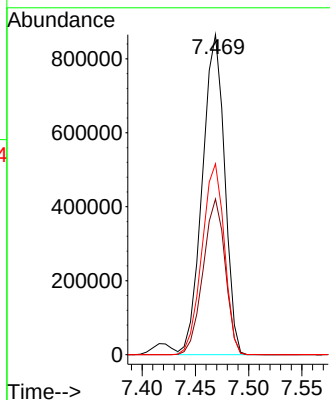
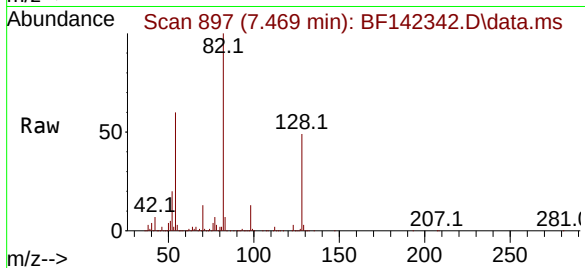
BNA_F

ClientSampleId :

MW-3-20250508MSD

Tgt Ion: 82 Resp: 1259491

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.0	55.6
54	59.7	48.6	73.0



#24

Nitrobenzene

Concen: 49.767 ng

RT: 7.486 min Scan# 900

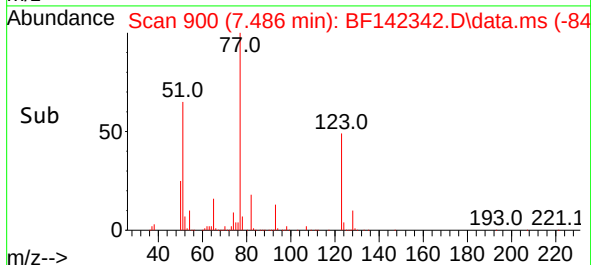
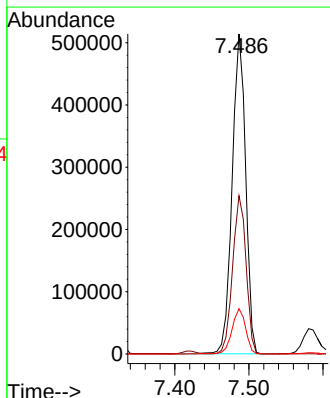
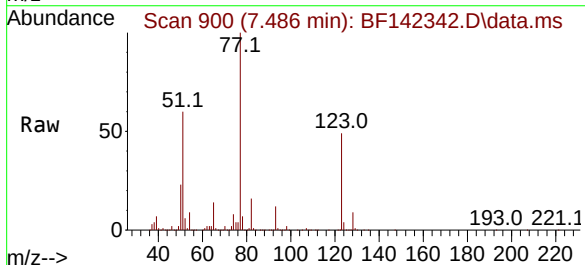
Delta R.T. -0.000 min

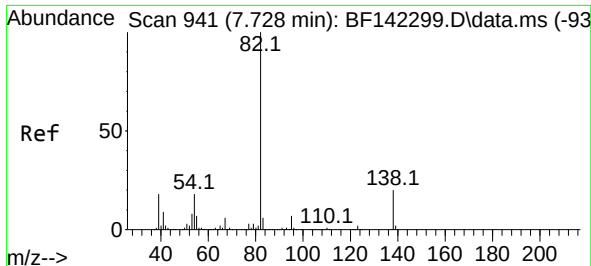
Lab File: BF142342.D

Acq: 13 May 2025 13:45

Tgt Ion: 77 Resp: 647369

Ion	Ratio	Lower	Upper
77	100		
123	49.4	37.8	56.8
65	14.2	11.4	17.0

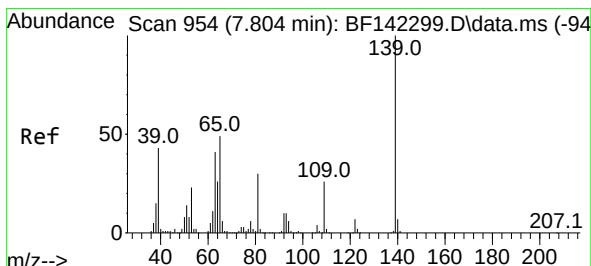
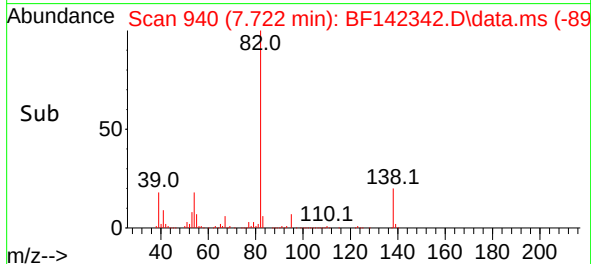
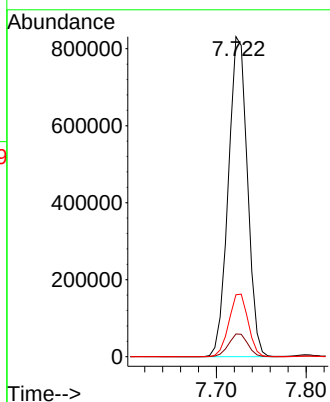
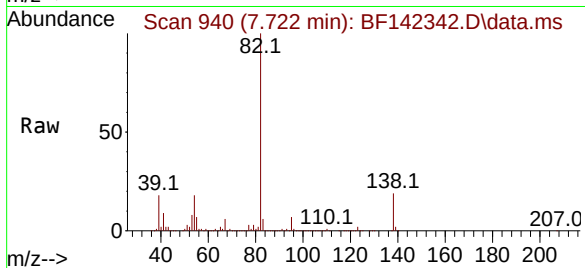




#25
Isophorone
Concen: 46.959 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

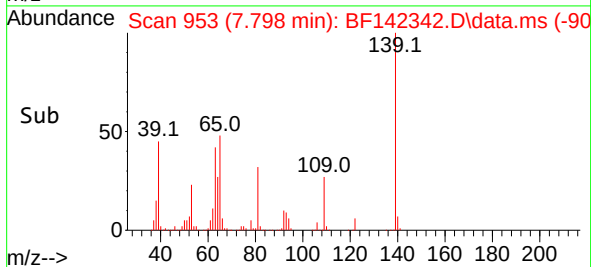
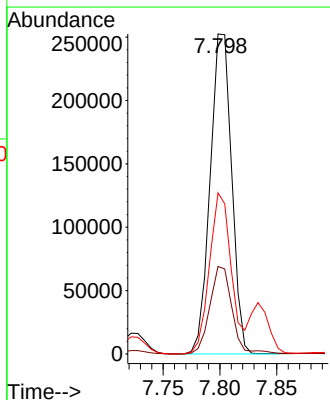
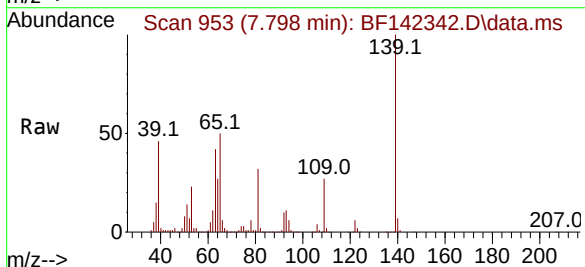
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

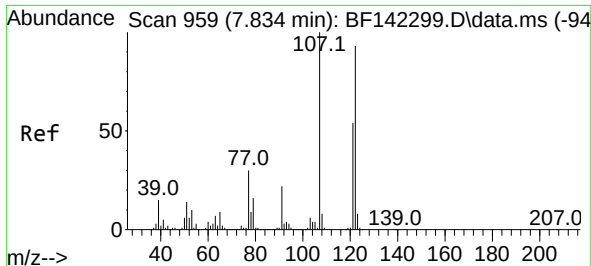
Tgt Ion: 82 Resp: 1227117
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 19.4 16.1 24.1



#26
2-Nitrophenol
Concen: 52.729 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:139 Resp: 333366
Ion Ratio Lower Upper
139 100
109 27.4 20.8 31.2
65 50.4 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 44.473 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142342.D

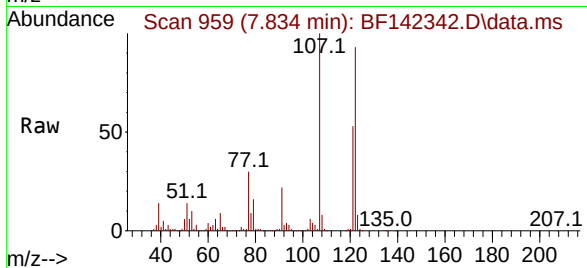
Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD



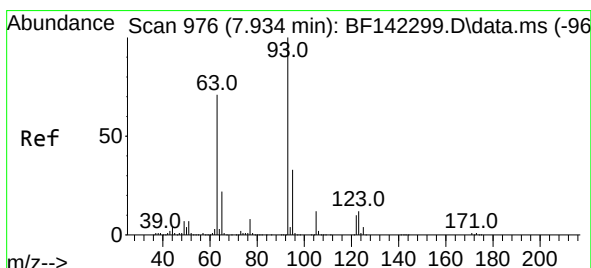
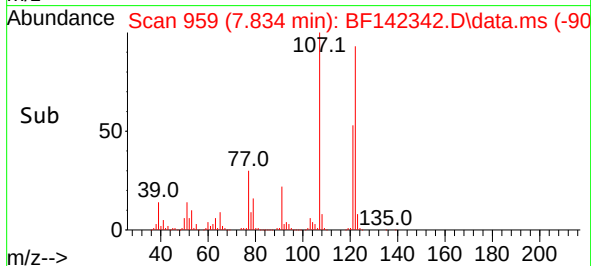
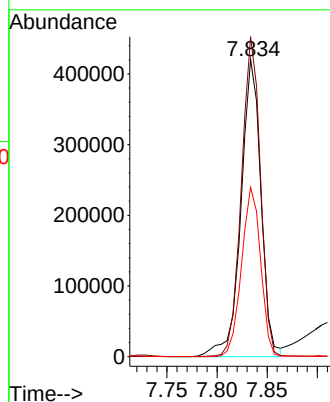
Tgt Ion:122 Resp: 584294

Ion Ratio Lower Upper

122 100

107 107.6 86.0 129.0

121 57.0 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.142 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

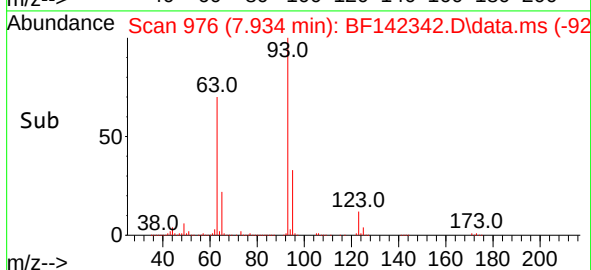
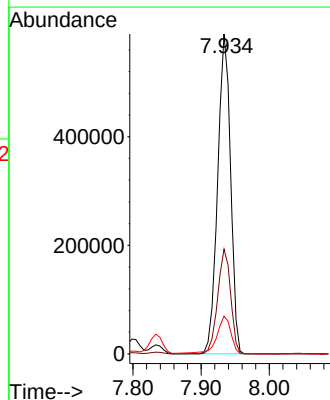
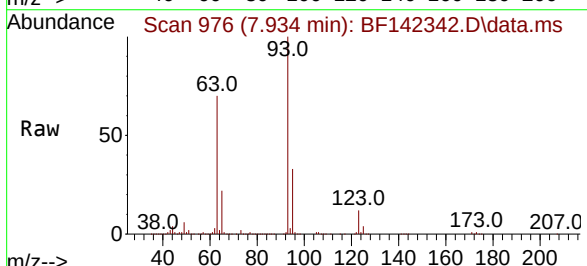
Tgt Ion: 93 Resp: 775324

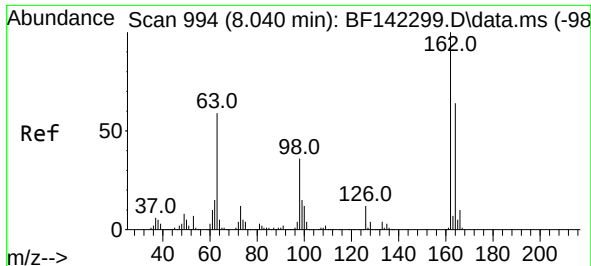
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.8 10.2 15.4

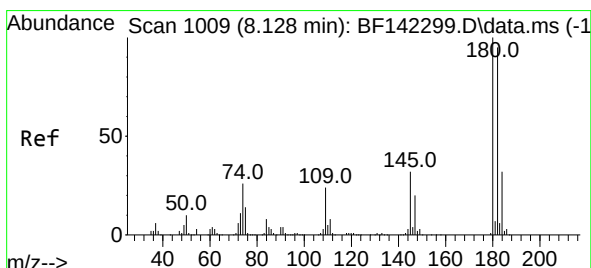
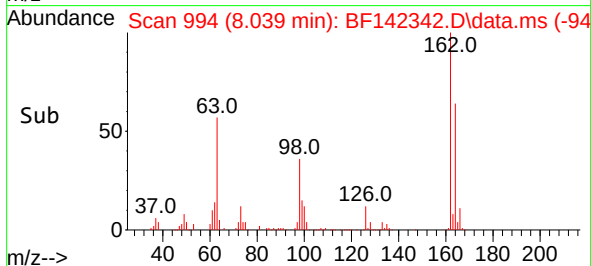
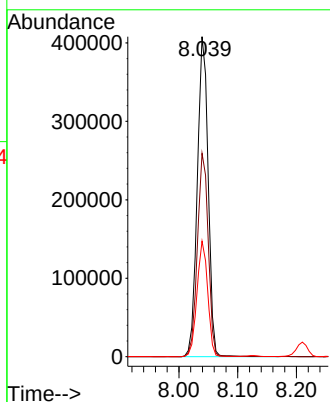
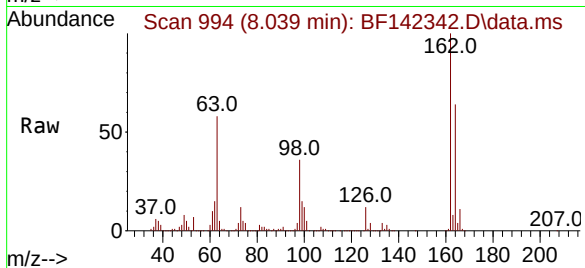




#29
2,4-Dichlorophenol
Concen: 46.806 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

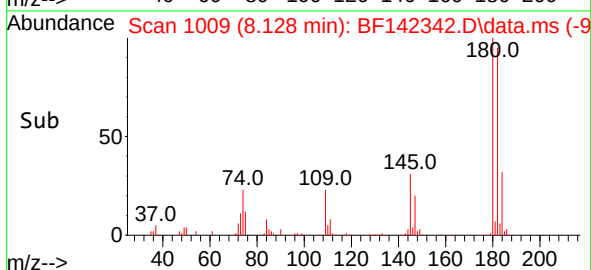
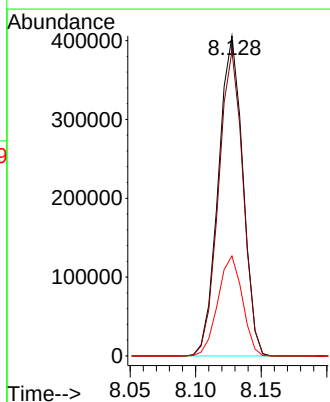
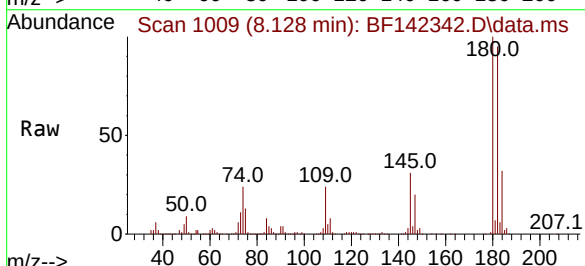
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

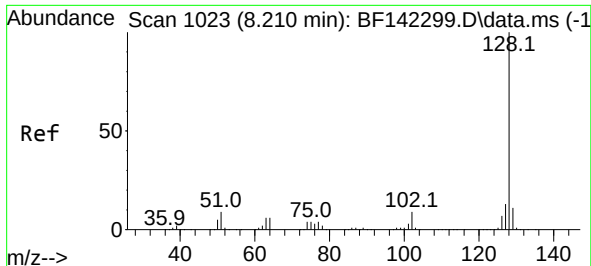
Tgt Ion:162 Resp: 522818
Ion Ratio Lower Upper
162 100
164 63.5 43.6 83.6
98 36.1 16.5 56.5



#30
1,2,4-Trichlorobenzene
Concen: 41.823 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:180 Resp: 525741
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 31.2 25.8 38.6

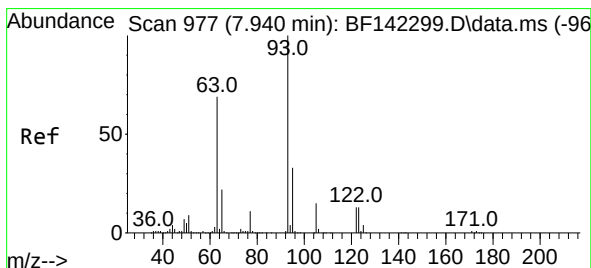
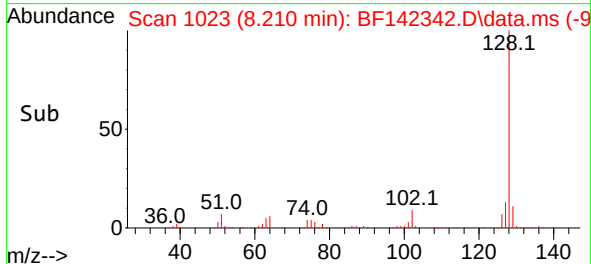
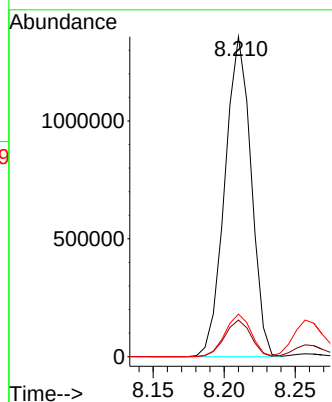
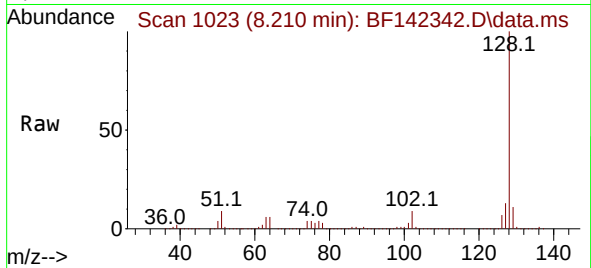




#31
Naphthalene
Concen: 42.734 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

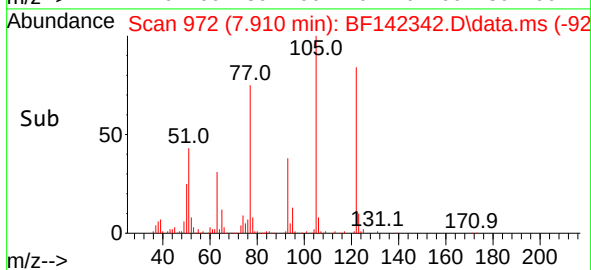
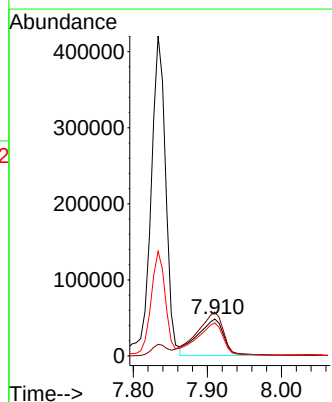
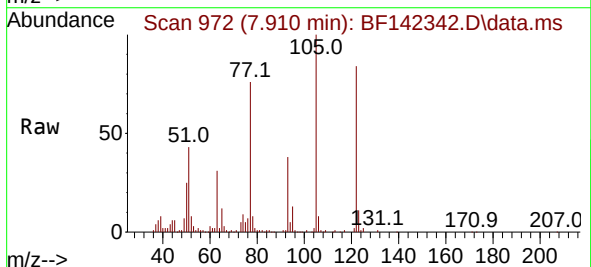
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

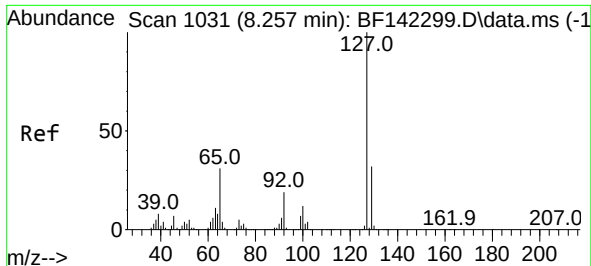
Tgt Ion:128 Resp: 1743065
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 22.299 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.030 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:122 Resp: 119374
Ion Ratio Lower Upper
122 100
105 119.0 97.9 137.9
77 89.9 67.7 107.7

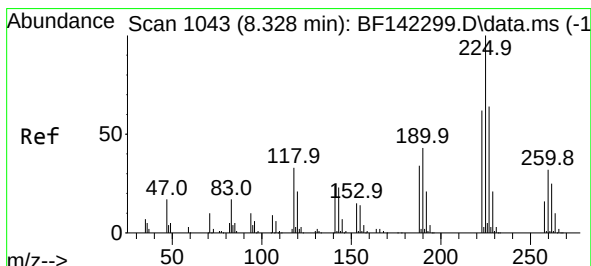
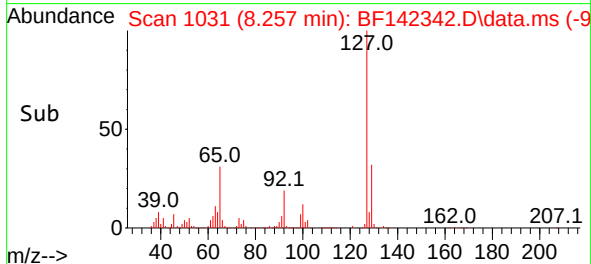
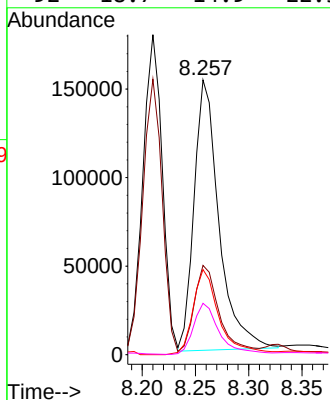
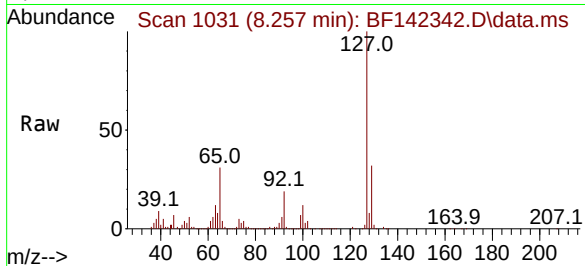




#33
4-Chloroaniline
Concen: 14.953 ng
RT: 8.257 min Scan# 1031
Delta R.T. -0.010 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

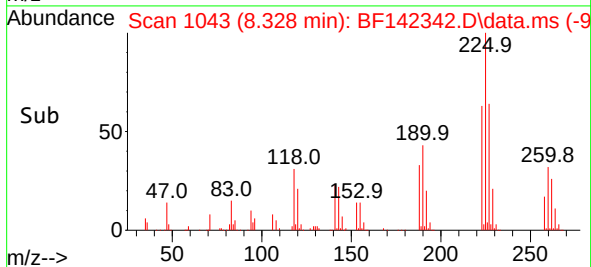
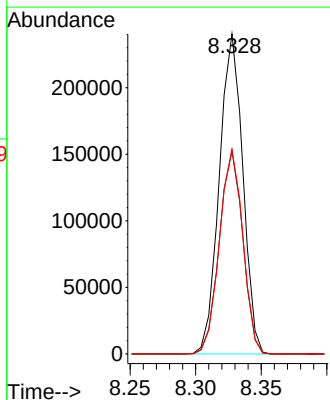
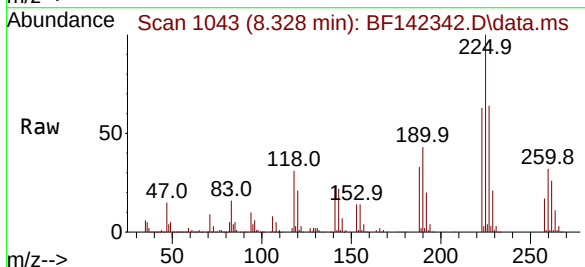
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

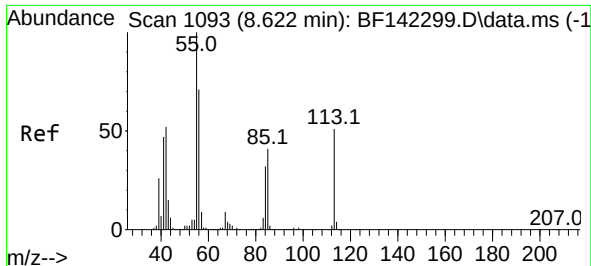
Tgt Ion:	127	Resp:	248882
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	31.0	24.9	37.3
92	18.7	14.9	22.3



#34
Hexachlorobutadiene
Concen: 40.148 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:	225	Resp:	298845
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.6
227	64.0	50.9	76.3

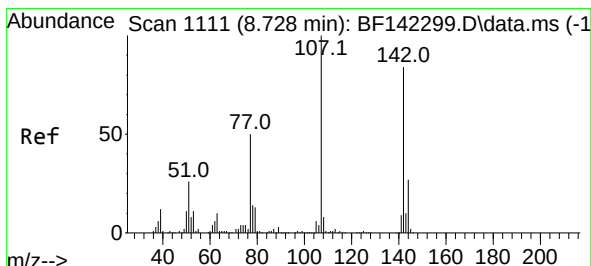
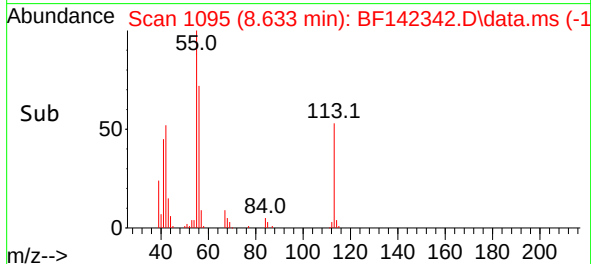
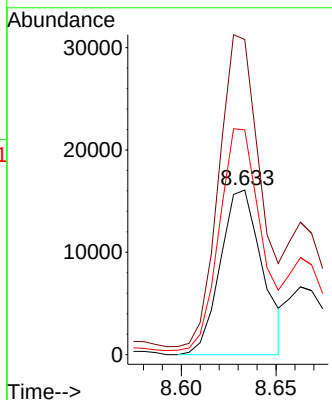
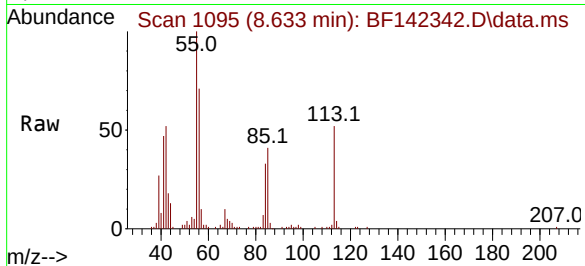




#35
Caprolactam
Concen: 7.592 ng
RT: 8.633 min Scan# 1093
Delta R.T. 0.012 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

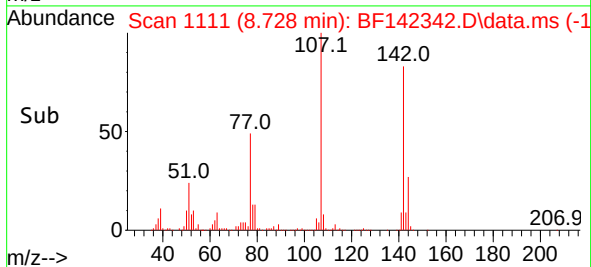
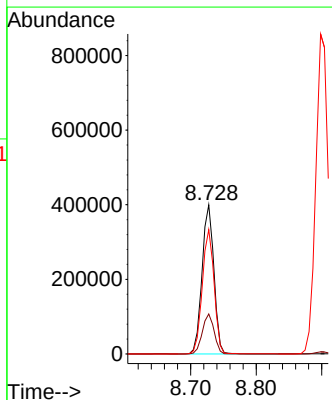
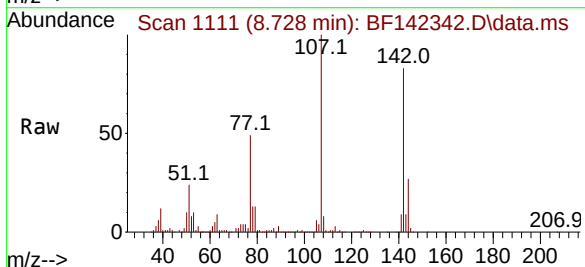
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

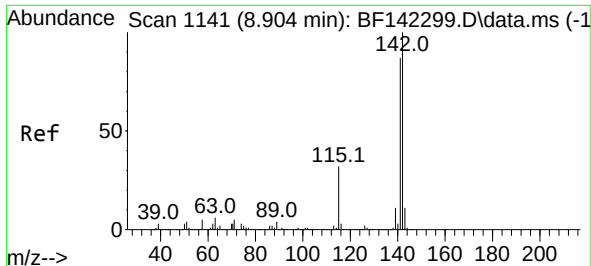
Tgt Ion:113 Resp: 24716
Ion Ratio Lower Upper
113 100
55 191.5 176.4 216.4
56 136.6 120.3 160.3



#36
4-Chloro-3-methylphenol
Concen: 43.415 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:107 Resp: 504096
Ion Ratio Lower Upper
107 100
144 26.8 21.3 31.9
142 83.4 66.9 100.3





#37

2-Methylnaphthalene

Concen: 44.167 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

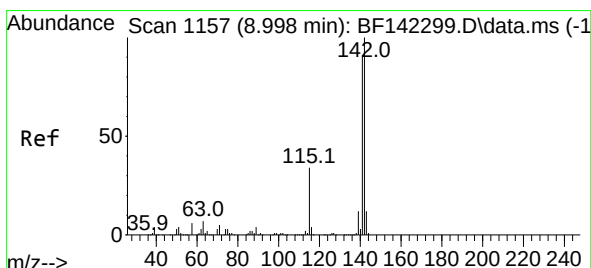
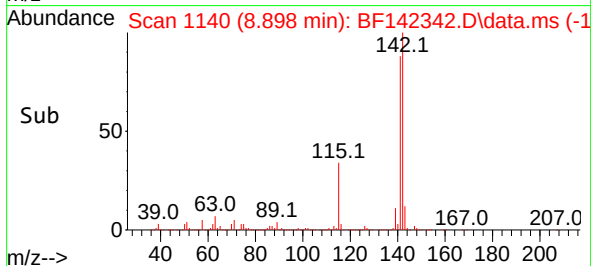
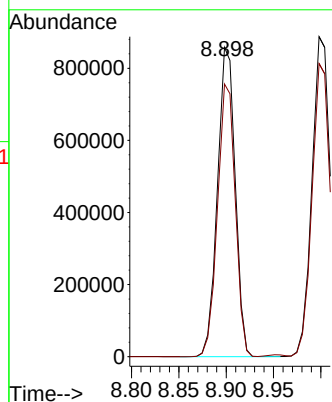
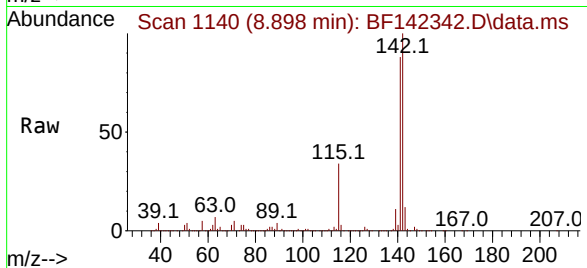
MW-3-20250508MSD

Tgt Ion:142 Resp: 1119426

Ion Ratio Lower Upper

142 100

141 88.2 69.4 104.2



#38

1-Methylnaphthalene

Concen: 44.541 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142342.D

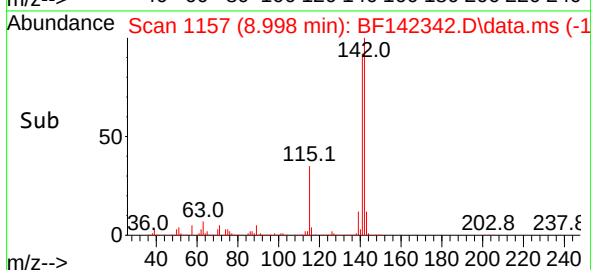
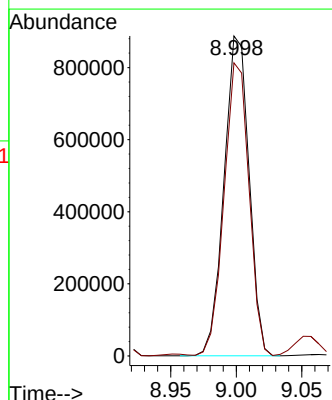
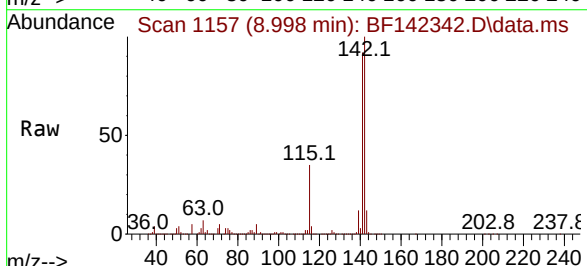
Acq: 13 May 2025 13:45

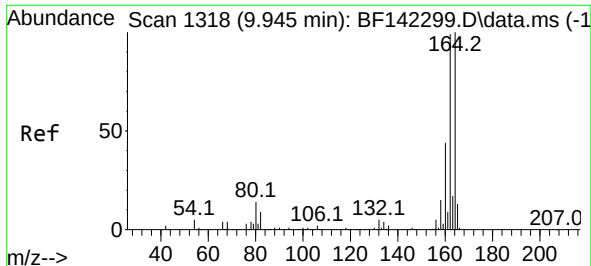
Tgt Ion:142 Resp: 1176636

Ion Ratio Lower Upper

142 100

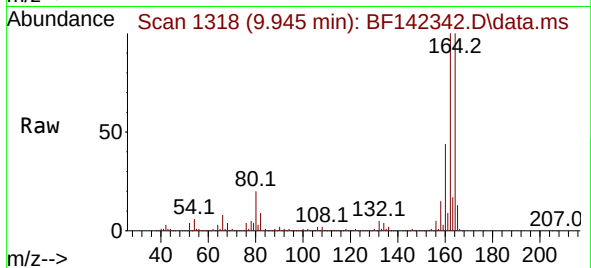
141 91.6 72.5 108.7



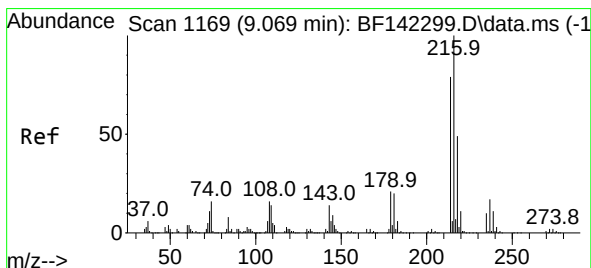
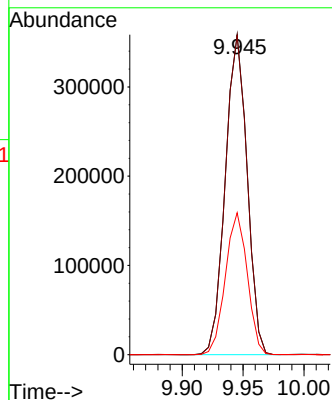
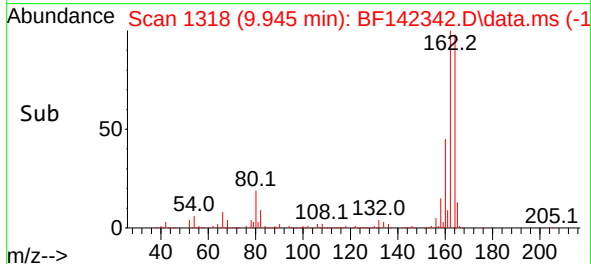


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

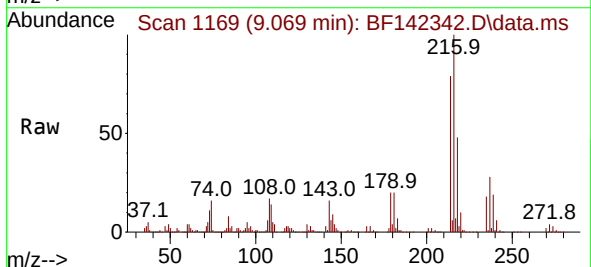
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD



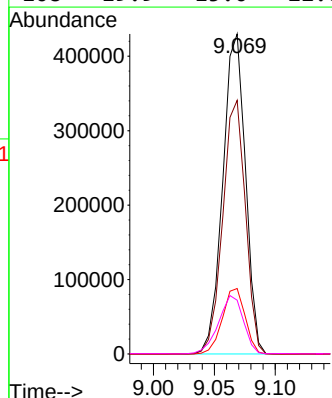
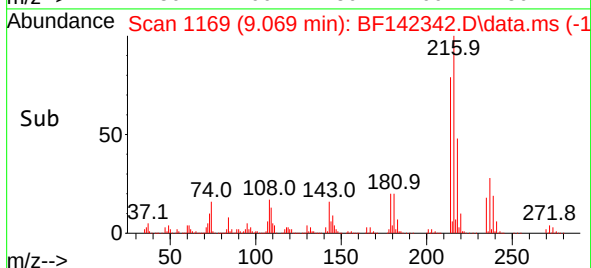
Tgt Ion:164 Resp: 447768
Ion Ratio Lower Upper
164 100
162 99.8 79.2 118.8
160 44.3 35.3 52.9

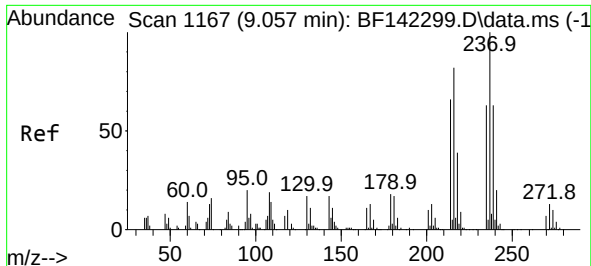


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.515 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45



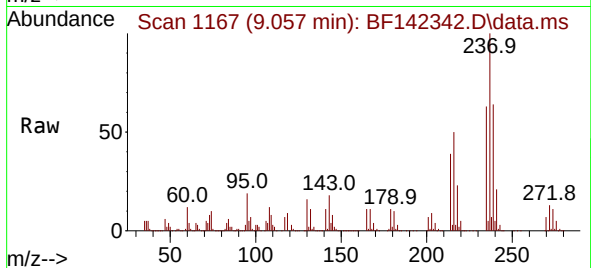
Tgt Ion:216 Resp: 556690
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 20.6 17.0 25.6
108 19.9 15.0 22.6



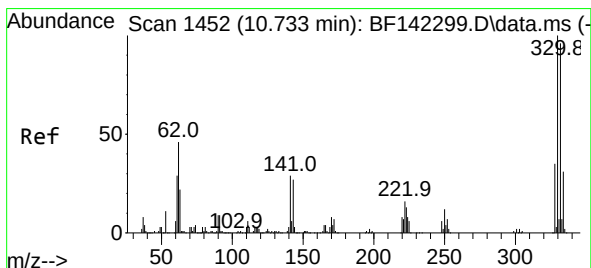
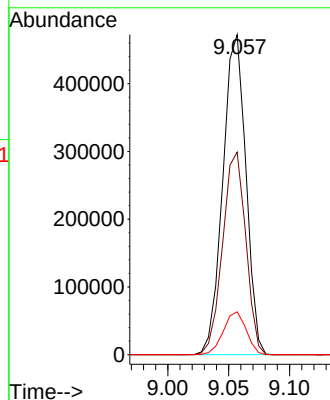
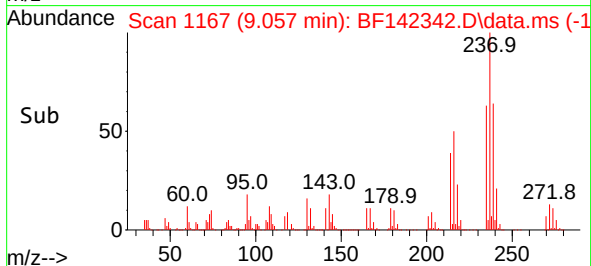


#41
Hexachlorocyclopentadiene
Concen: 80.531 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

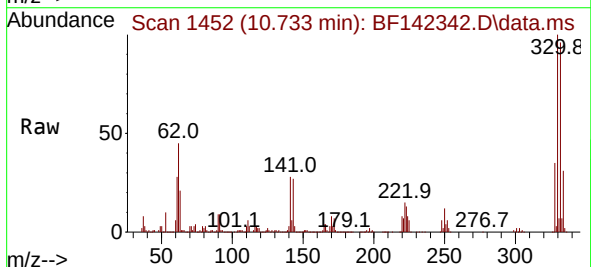
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD



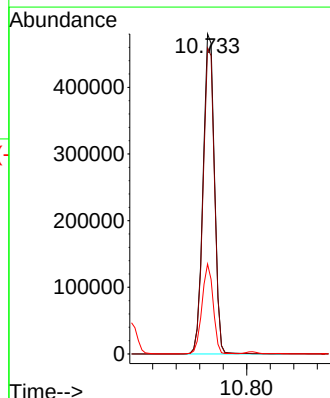
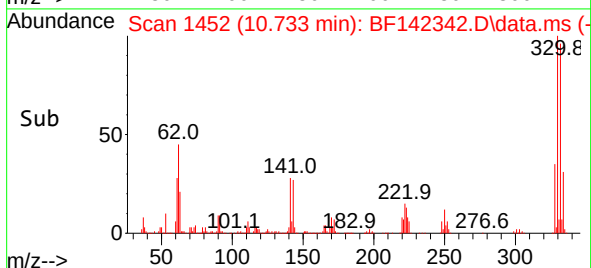
Tgt Ion:237 Resp: 622413
Ion Ratio Lower Upper
237 100
235 63.3 42.8 82.8
272 13.4 0.0 33.0

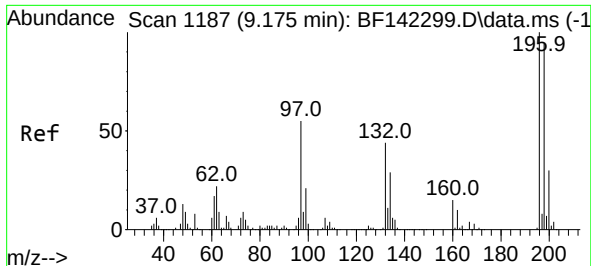


#42
2,4,6-Tribromophenol
Concen: 148.724 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45



Tgt Ion:330 Resp: 642952
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 27.6 24.9 37.3

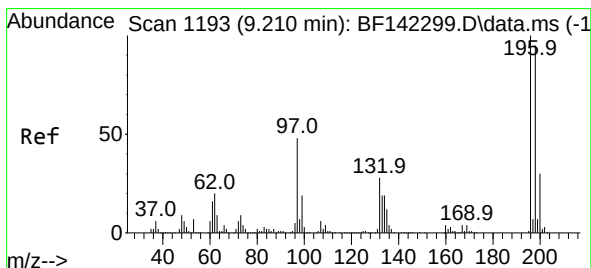
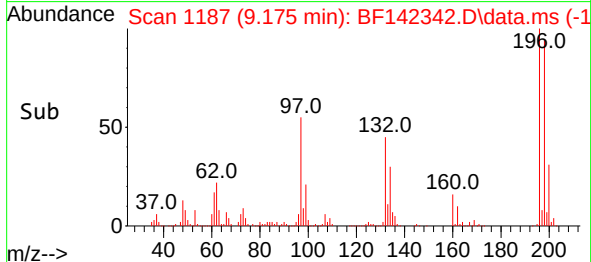
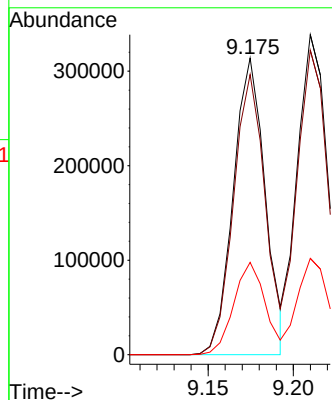
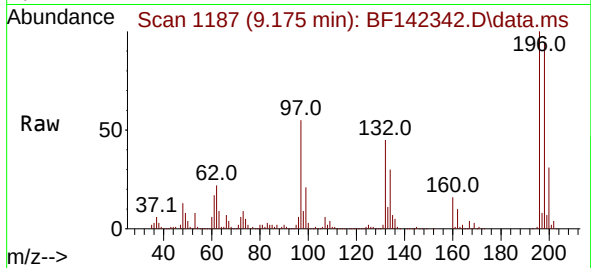




#43
2,4,6-Trichlorophenol
Concen: 51.739 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

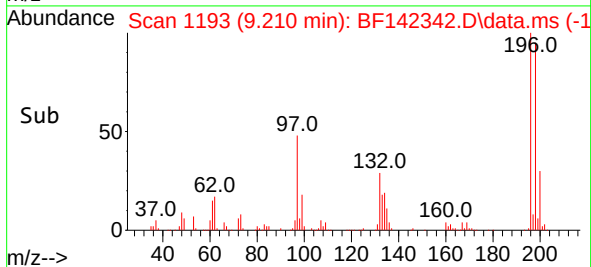
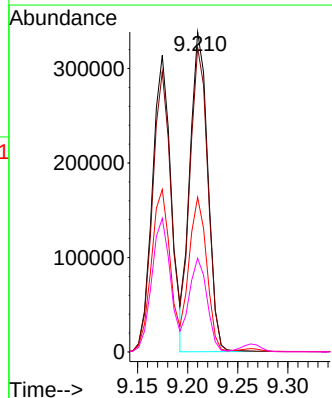
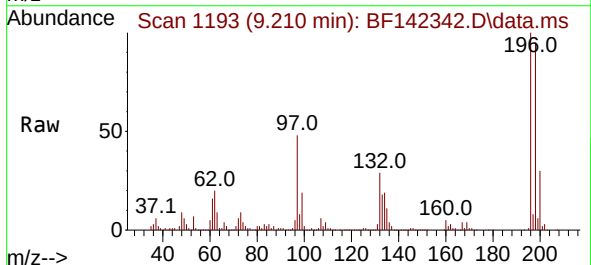
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

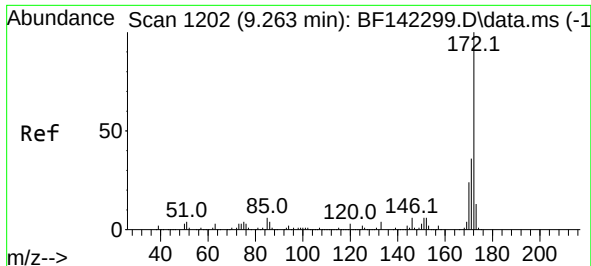
Tgt Ion:196 Resp: 408130
Ion Ratio Lower Upper
196 100
198 94.4 75.4 113.0
200 31.1 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 49.978 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:196 Resp: 419470
Ion Ratio Lower Upper
196 100
198 95.1 76.1 114.1
97 48.3 39.0 58.4
132 29.3 23.3 34.9

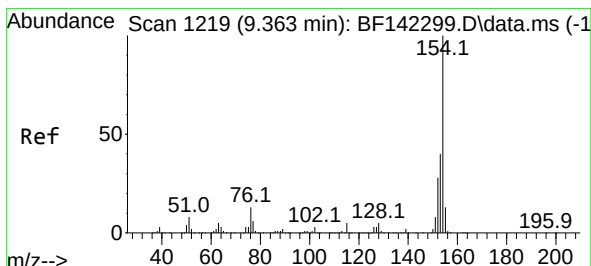
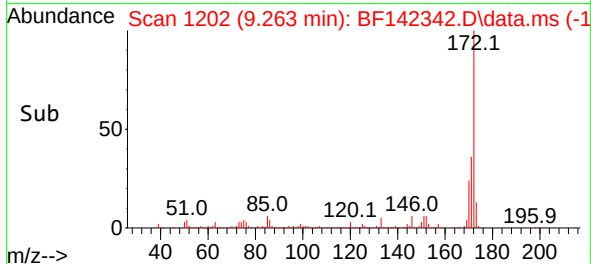
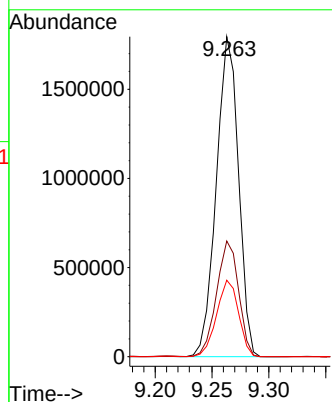
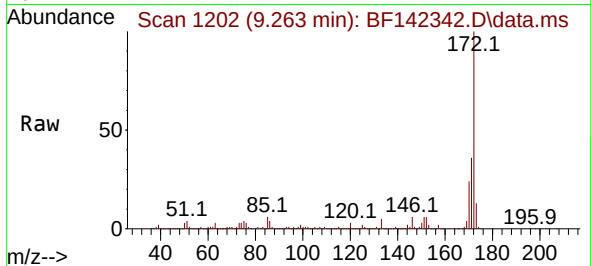




#45
2-Fluorobiphenyl
Concen: 77.650 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

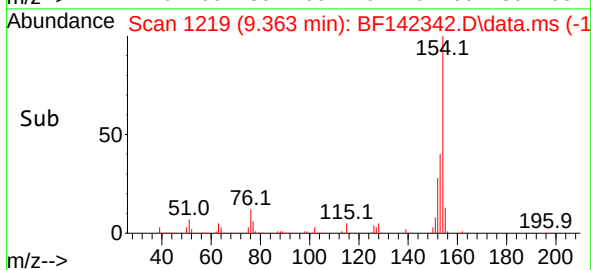
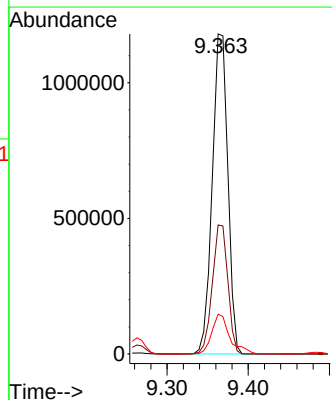
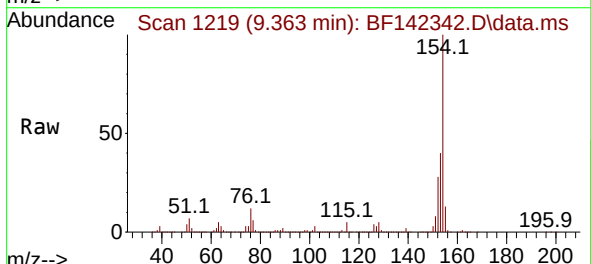
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

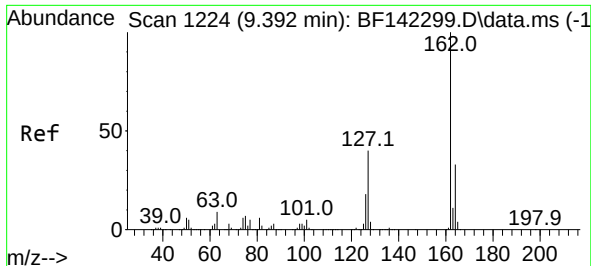
Tgt Ion:172 Resp: 2438446
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.631 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:154 Resp: 1566630
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 12.5 0.0 32.8

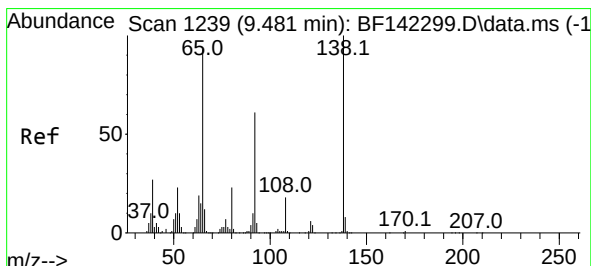
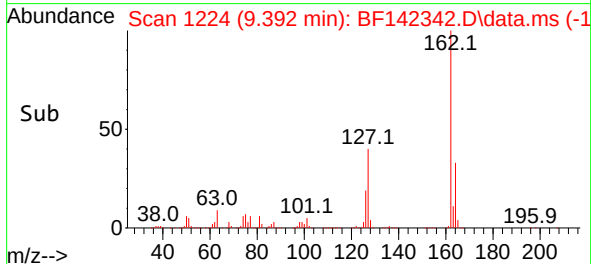
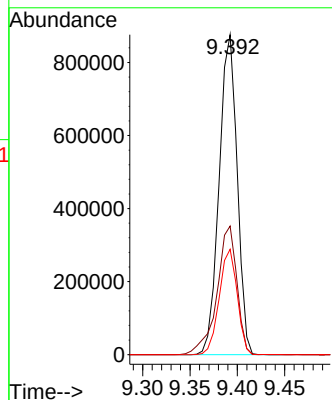
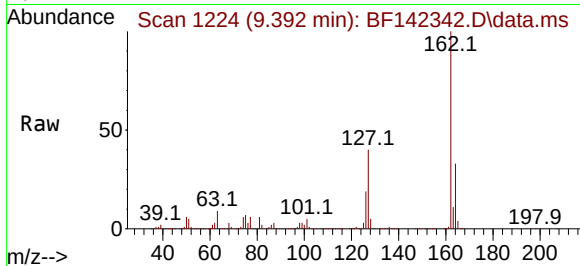




#47
2-Chloronaphthalene
Concen: 45.478 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

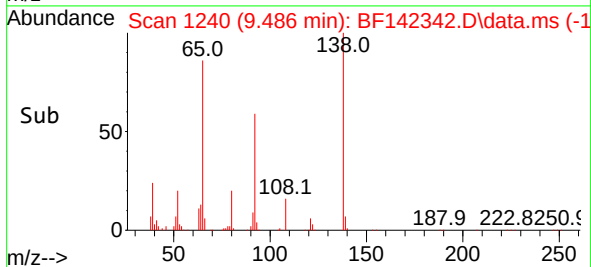
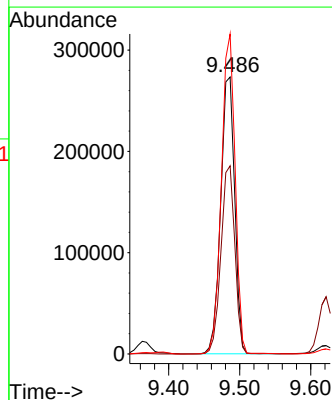
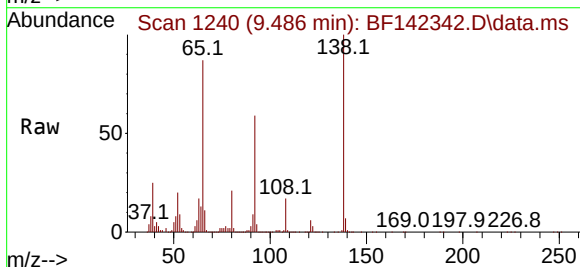
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

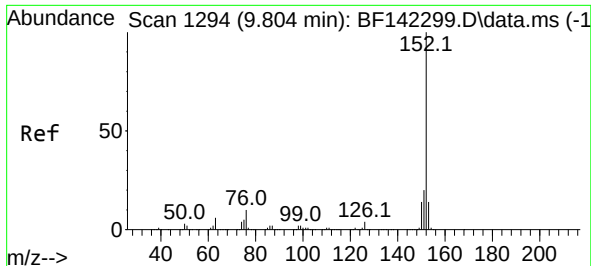
Tgt Ion:162 Resp: 1161143
Ion Ratio Lower Upper
162 100
127 40.2 32.3 48.5
164 32.9 26.6 40.0



#48
2-Nitroaniline
Concen: 56.928 ng
RT: 9.486 min Scan# 1240
Delta R.T. 0.006 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion: 65 Resp: 372559
Ion Ratio Lower Upper
65 100
92 67.9 52.3 78.5
138 115.5 85.6 128.4





#49

Acenaphthylene

Concen: 45.521 ng

RT: 9.810 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

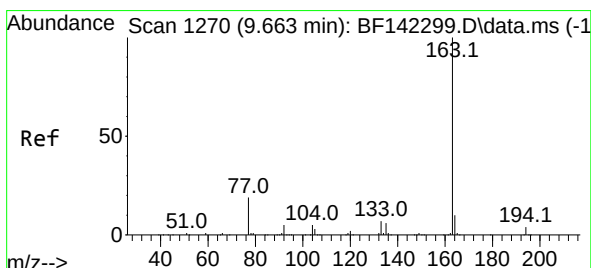
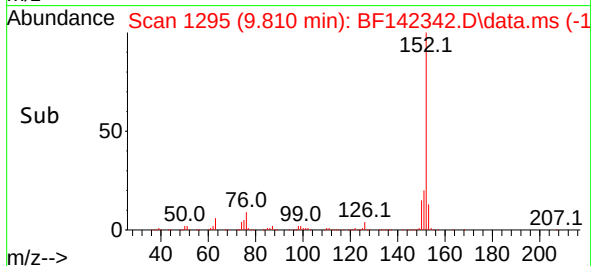
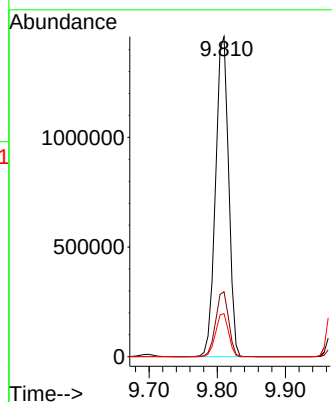
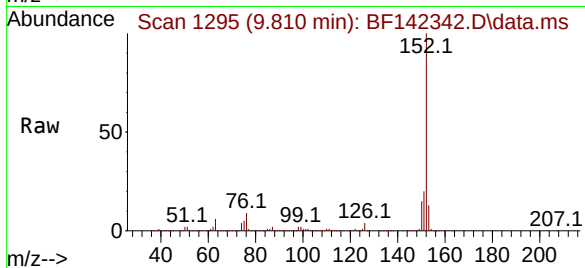
Tgt Ion:152 Resp: 1944287

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 49.339 ng

RT: 9.669 min Scan# 1271

Delta R.T. 0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

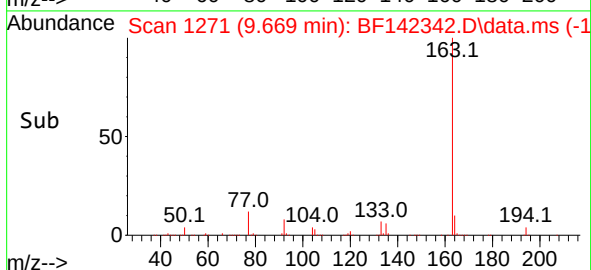
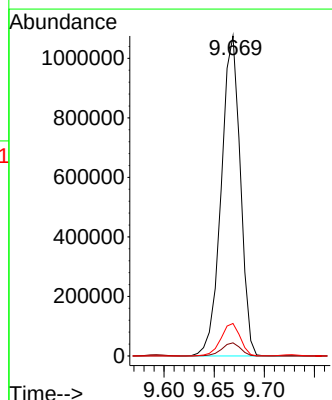
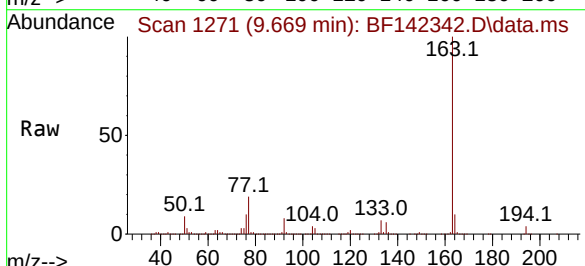
Tgt Ion:163 Resp: 1418621

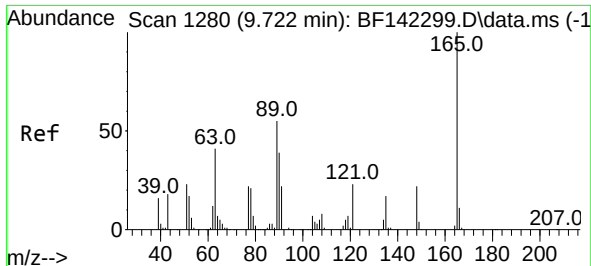
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.2 8.3 12.5

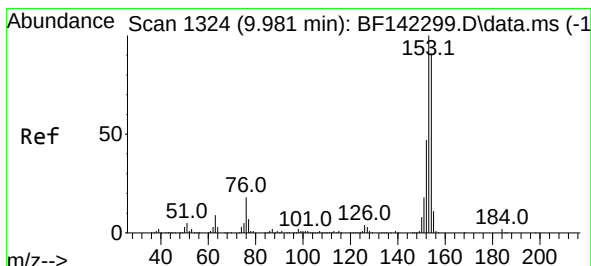
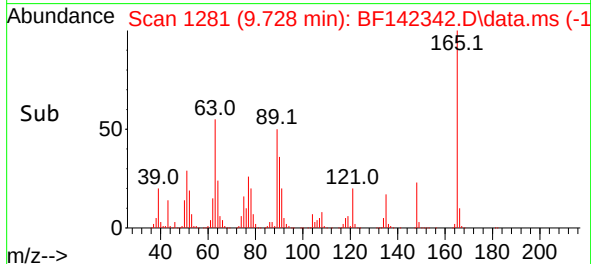
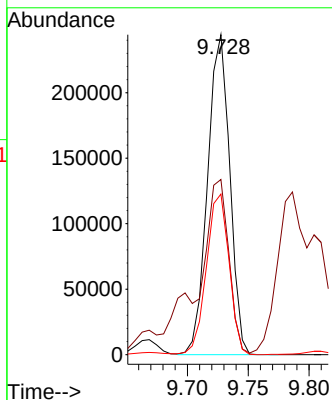
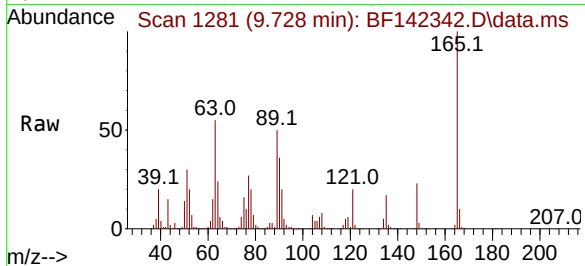




#51
2,6-Dinitrotoluene
Concen: 57.664 ng
RT: 9.728 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

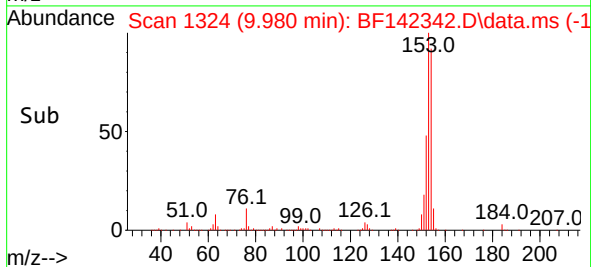
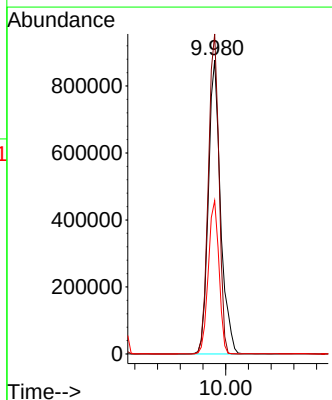
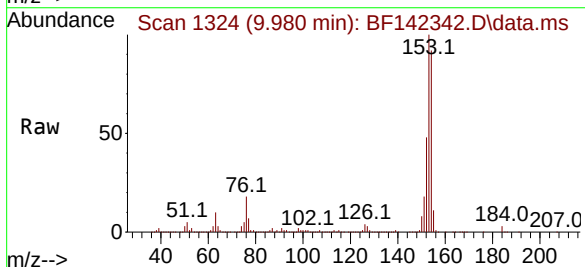
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

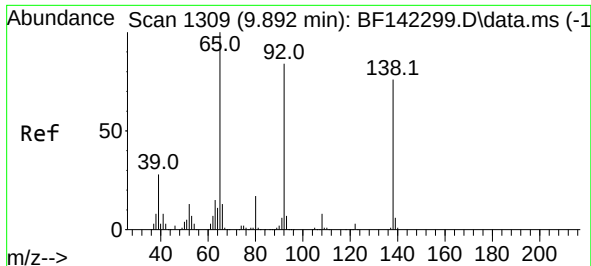
Tgt Ion:165 Resp: 310344
Ion Ratio Lower Upper
165 100
63 54.8 49.5 74.3
89 50.2 44.6 66.8



#52
Acenaphthene
Concen: 50.691 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:154 Resp: 1301843
Ion Ratio Lower Upper
154 100
153 109.0 88.0 132.0
152 52.2 41.6 62.4

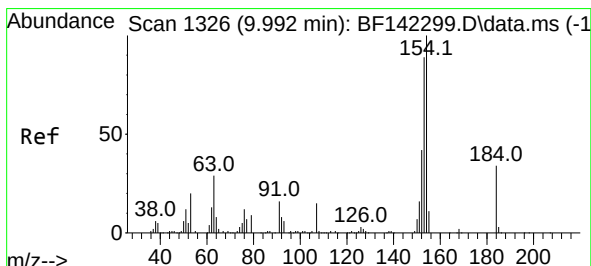
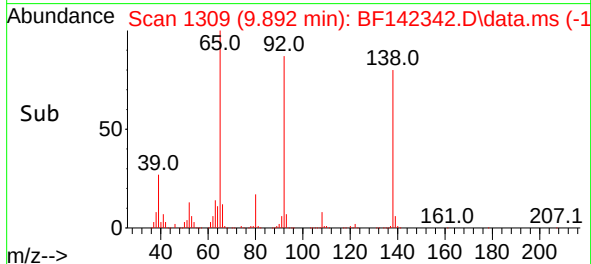
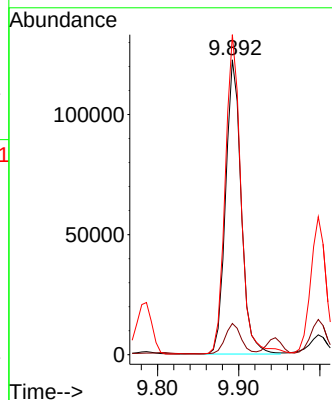
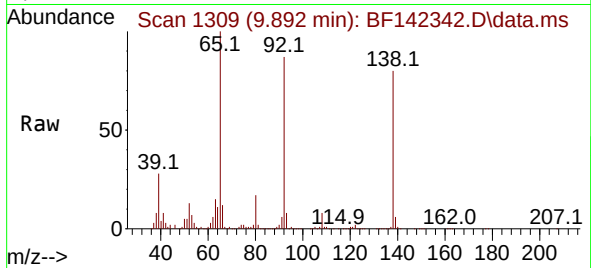




#53
3-Nitroaniline
Concen: 25.920 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

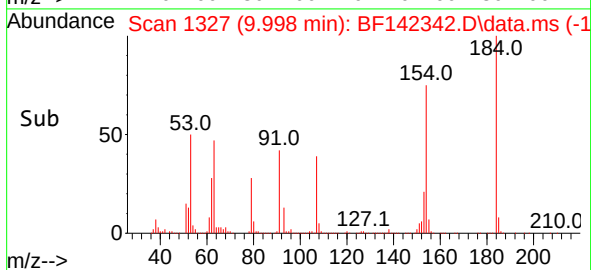
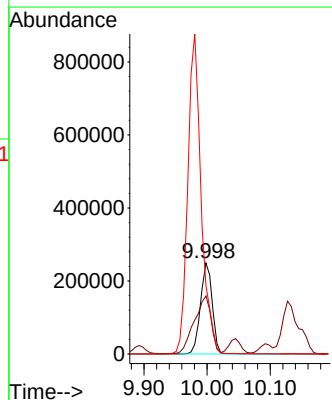
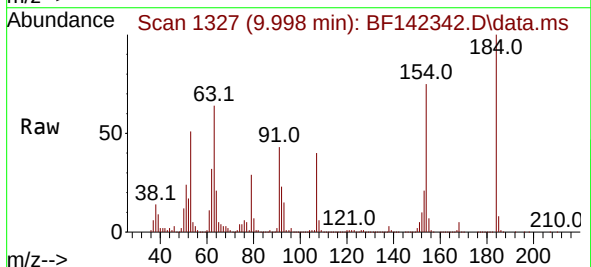
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

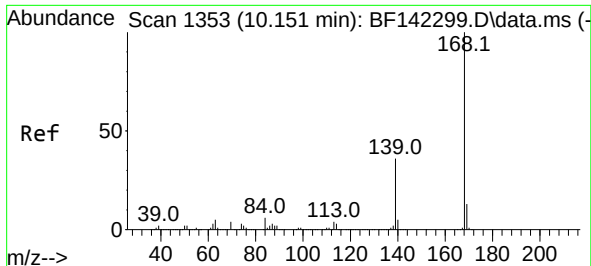
Tgt Ion:138 Resp: 163608
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 108.5 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 111.183 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:184 Resp: 322352
Ion Ratio Lower Upper
184 100
63 63.9 70.6 105.8#
154 75.3 257.2 385.8#





#55

Dibenzenofuran

Concen: 45.323 ng

RT: 10.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

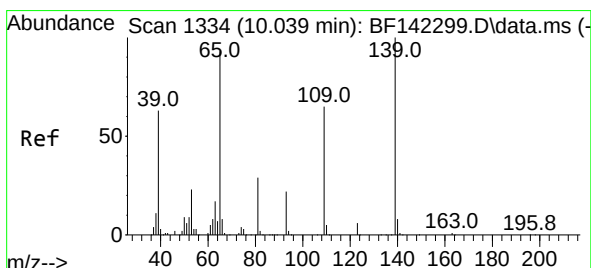
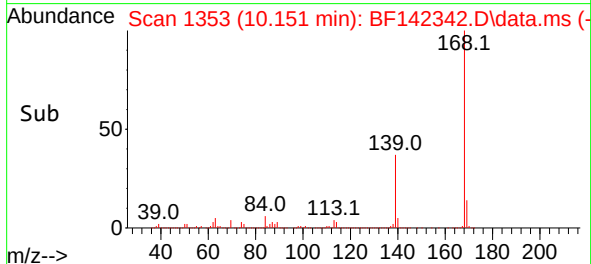
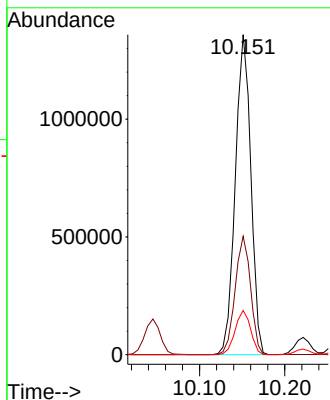
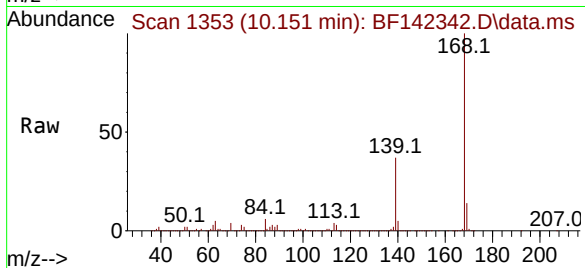
Tgt Ion:168 Resp: 1717820

Ion Ratio Lower Upper

168 100

139 37.0 29.0 43.4

169 13.8 10.7 16.1



#56

4-Nitrophenol

Concen: 40.334 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

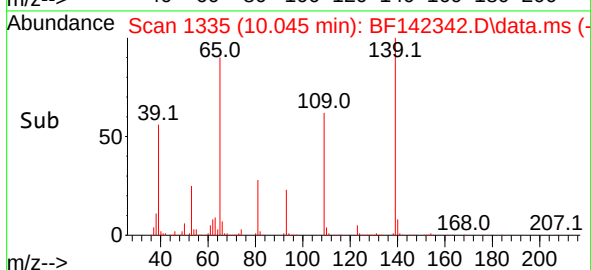
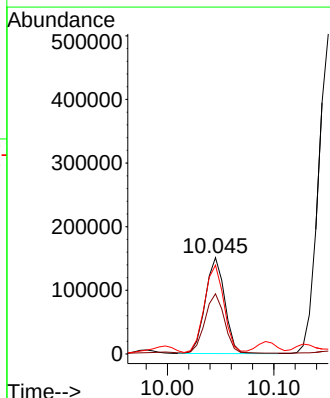
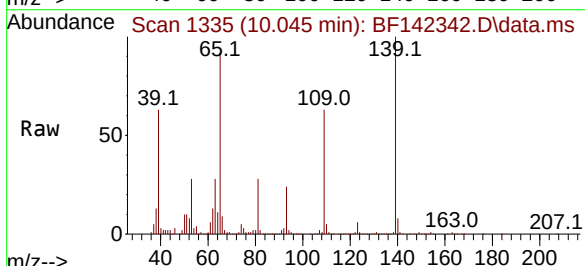
Tgt Ion:139 Resp: 191606

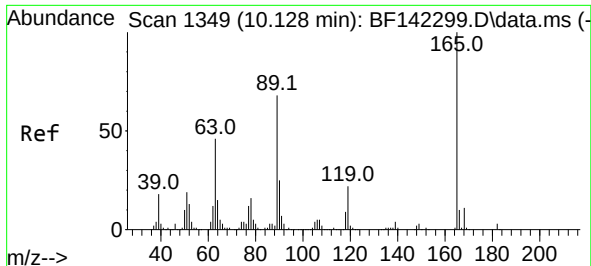
Ion Ratio Lower Upper

139 100

109 62.6 45.3 85.3

65 92.2 73.9 113.9

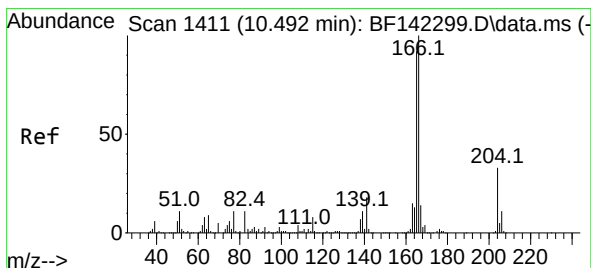
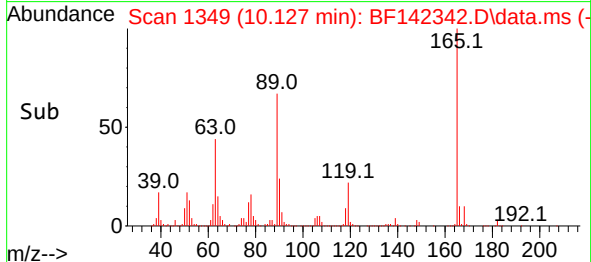
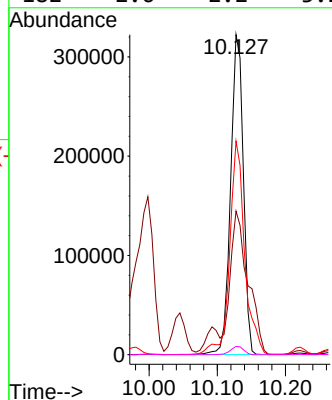
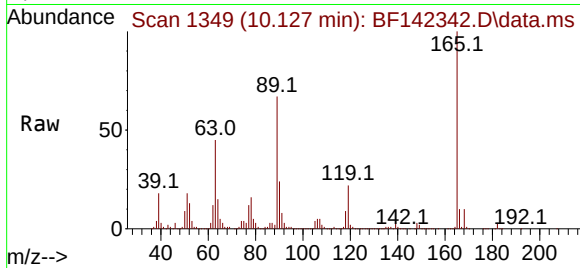




#57
2,4-Dinitrotoluene
Concen: 60.631 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

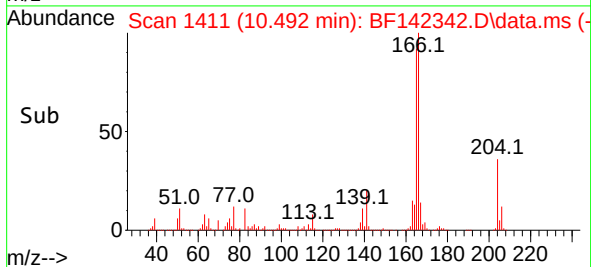
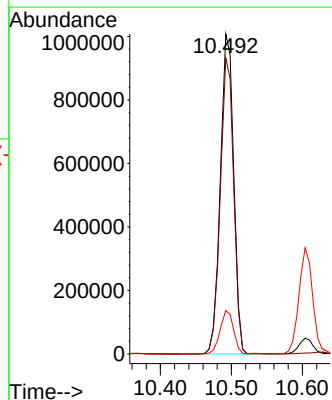
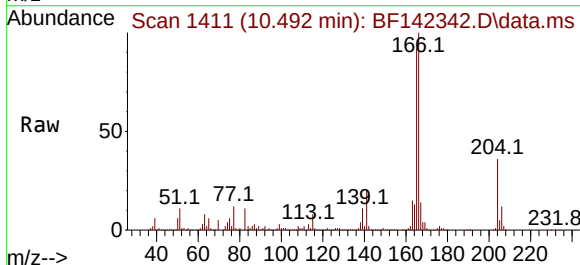
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

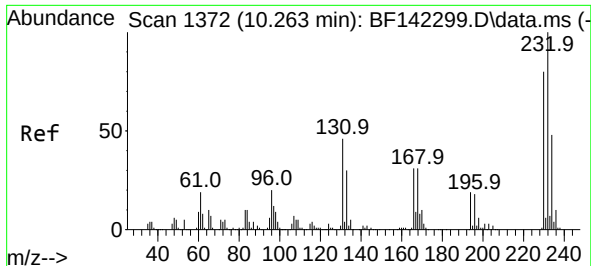
Tgt Ion:165 Resp: 418571
Ion Ratio Lower Upper
165 100
63 44.9 37.1 55.7
89 66.8 54.4 81.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 45.173 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:166 Resp: 1306634
Ion Ratio Lower Upper
166 100
165 92.5 74.0 111.0
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.281 ng

RT: 10.263 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

Tgt Ion:232 Resp: 355309

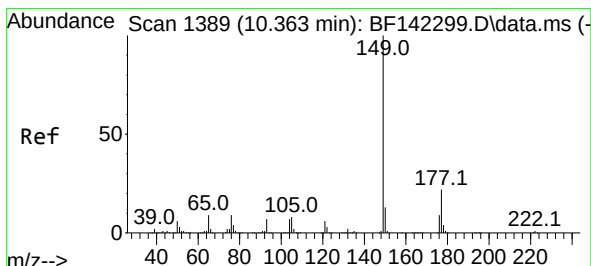
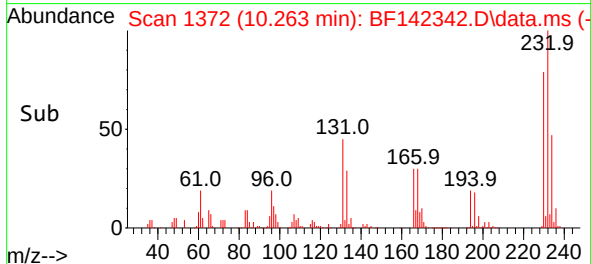
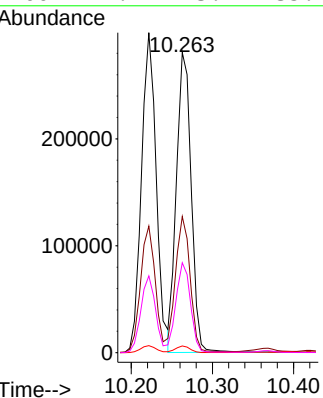
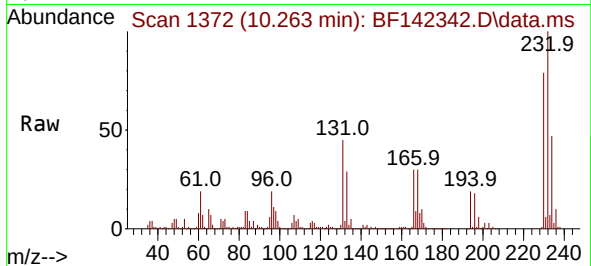
Ion Ratio Lower Upper

232 100

131 44.9 36.0 54.0

130 2.2 1.8 2.6

166 29.7 23.4 35.2



#60

Diethylphthalate

Concen: 75.212 ng

RT: 10.369 min Scan# 1390

Delta R.T. 0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

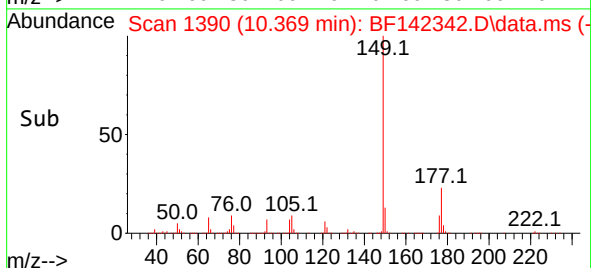
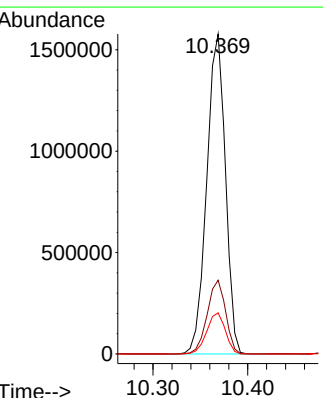
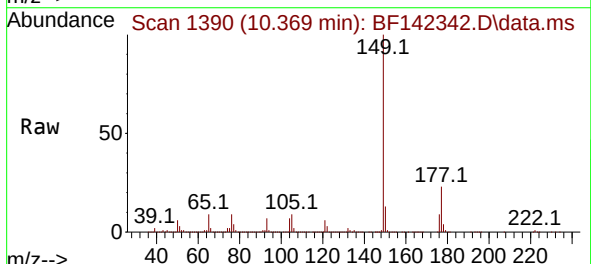
Tgt Ion:149 Resp: 2159612

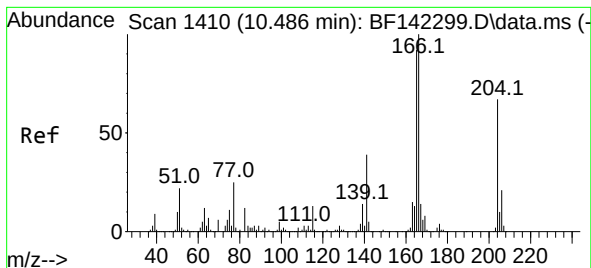
Ion Ratio Lower Upper

149 100

177 23.1 17.6 26.4

150 12.9 10.1 15.1

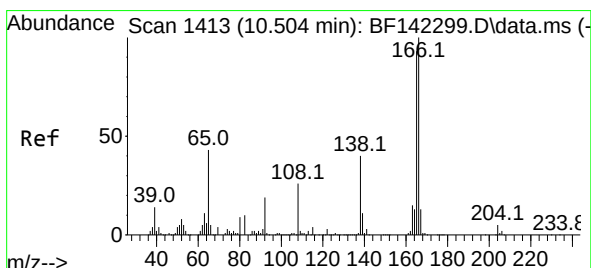
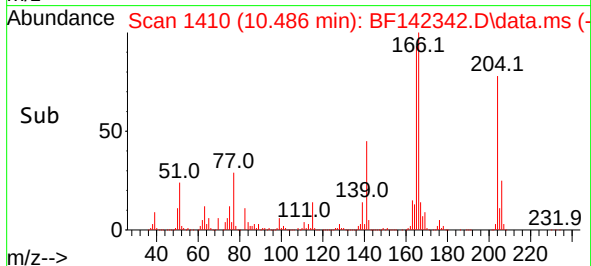
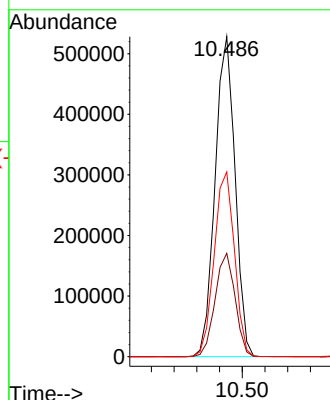
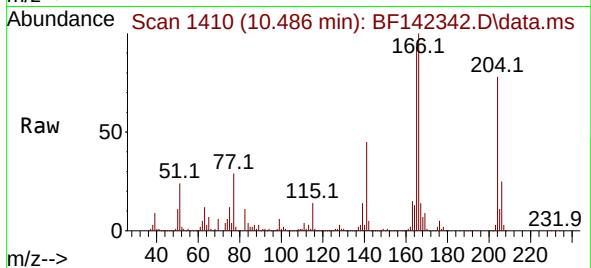




#61
4-Chlorophenyl-phenylether
Concen: 46.231 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

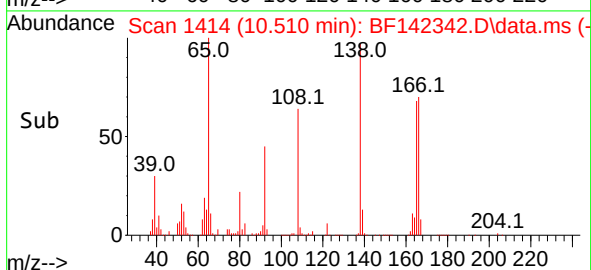
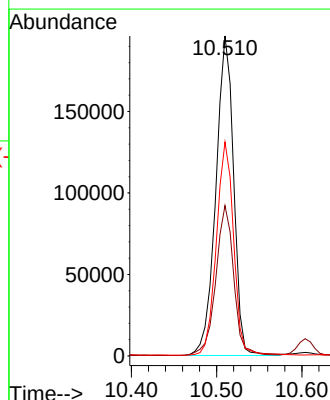
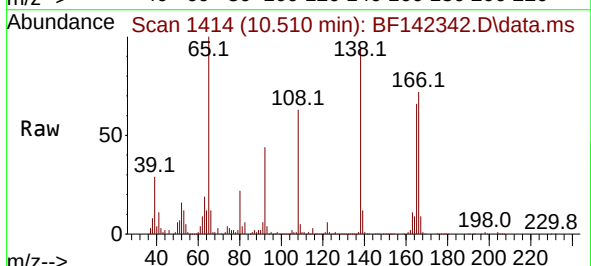
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

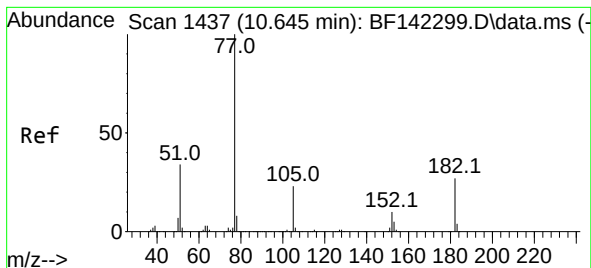
Tgt Ion:204 Resp: 645158
Ion Ratio Lower Upper
204 100
206 32.3 25.5 38.3
141 57.7 46.4 69.6



#62
4-Nitroaniline
Concen: 56.912 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:138 Resp: 284711
Ion Ratio Lower Upper
138 100
92 47.0 27.3 67.3
108 66.9 45.1 85.1





#63

Azobenzene

Concen: 47.805 ng

RT: 10.645 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

Tgt Ion: 77 Resp: 1311682

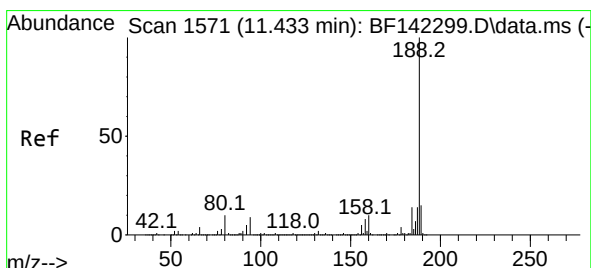
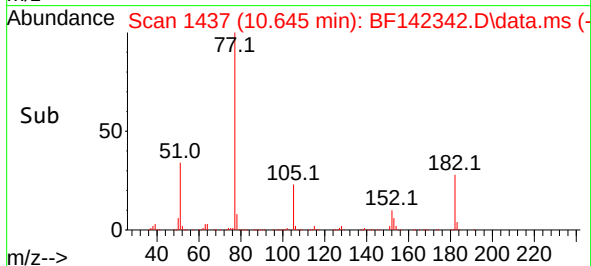
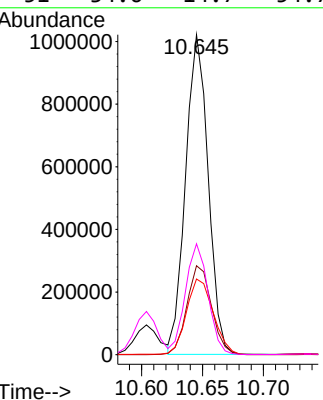
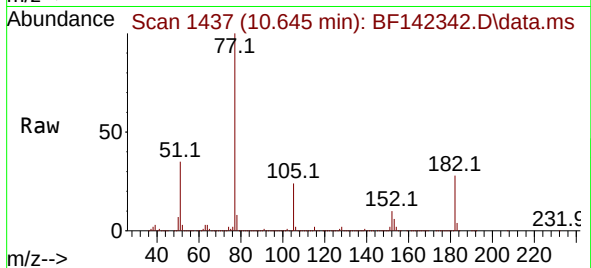
Ion Ratio Lower Upper

77 100

182 27.8 6.9 46.9

105 23.7 2.7 42.7

51 34.6 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

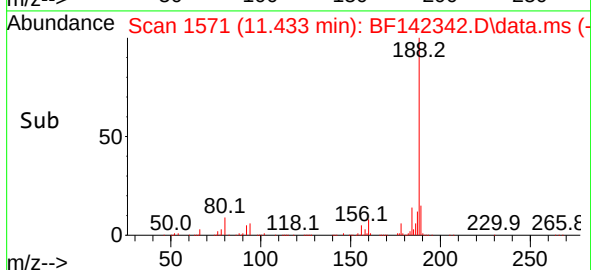
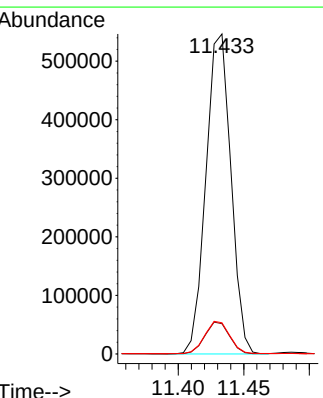
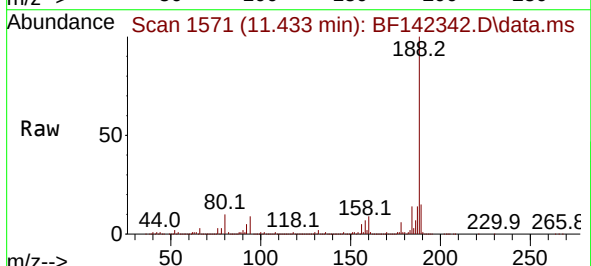
Tgt Ion:188 Resp: 724658

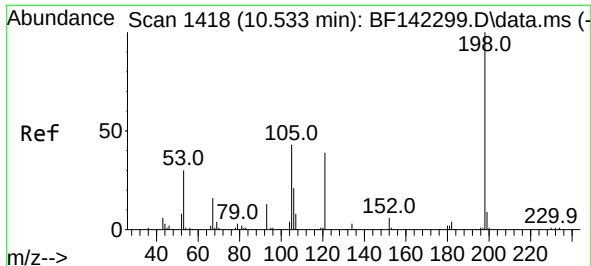
Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 9.7 7.9 11.9

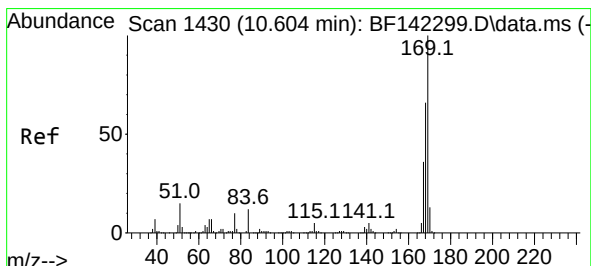
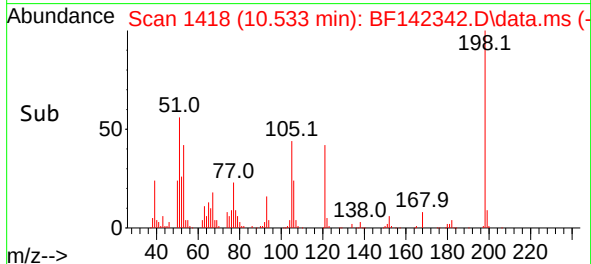
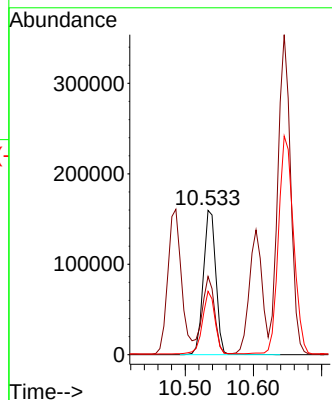
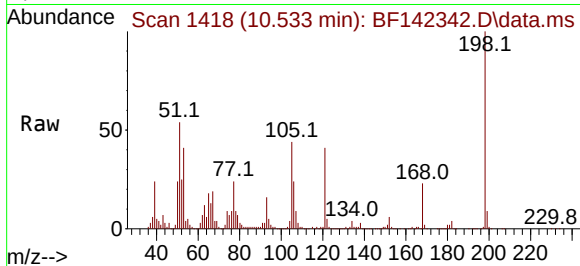




#65
4,6-Dinitro-2-methylphenol
Concen: 58.337 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

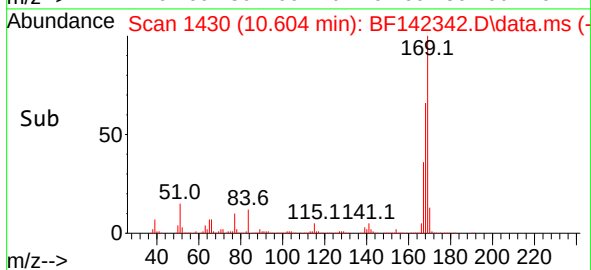
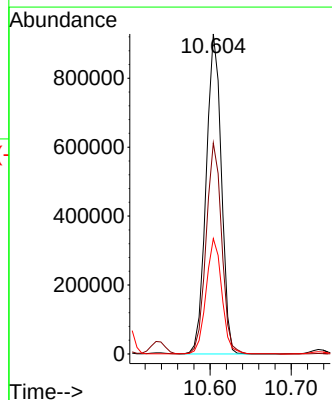
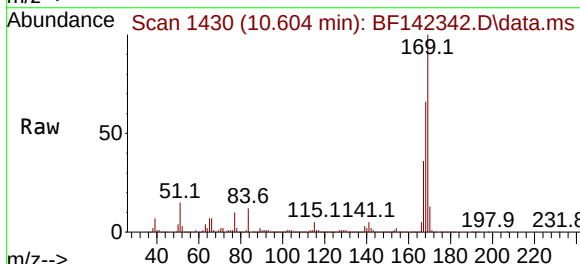
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

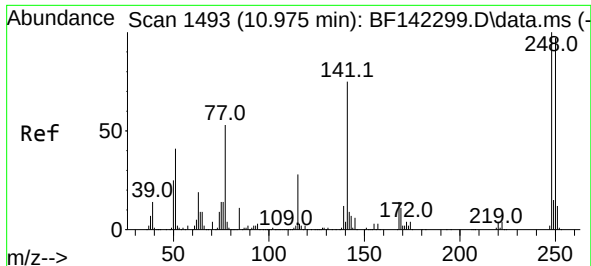
Tgt Ion:198 Resp: 203210
Ion Ratio Lower Upper
198 100
51 54.2 32.9 72.9
105 43.9 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 49.837 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:169 Resp: 1201766
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 36.0 28.9 43.3

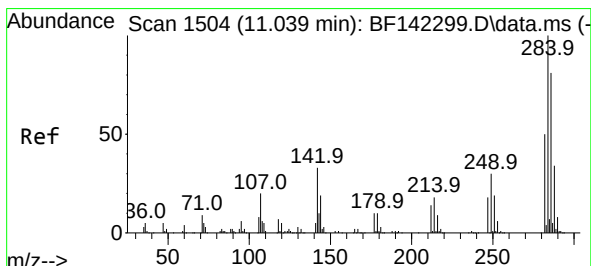
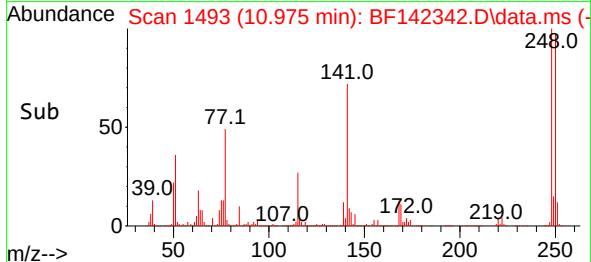
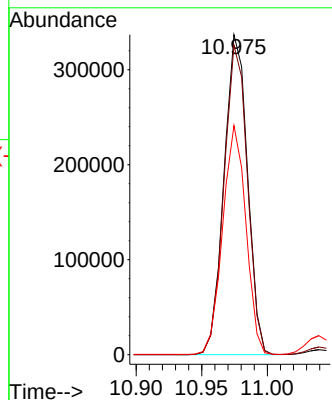
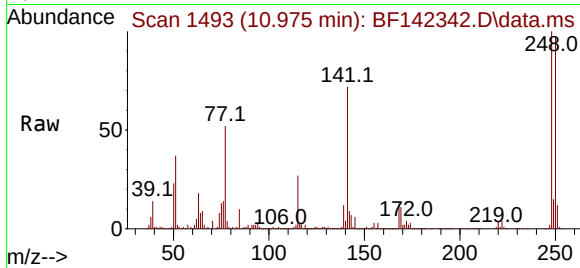




#67
4-Bromophenyl-phenylether
Concen: 51.118 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

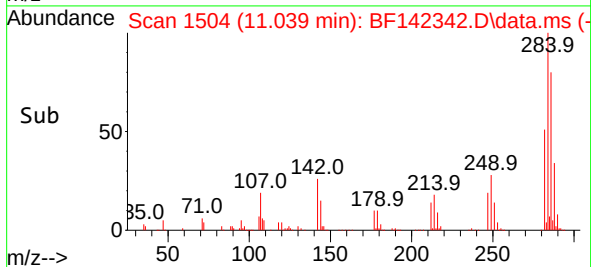
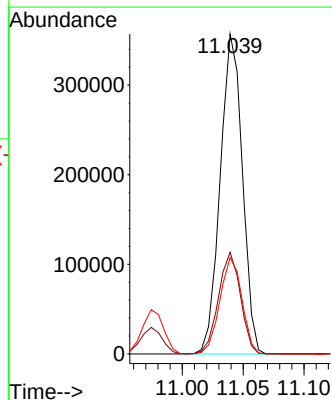
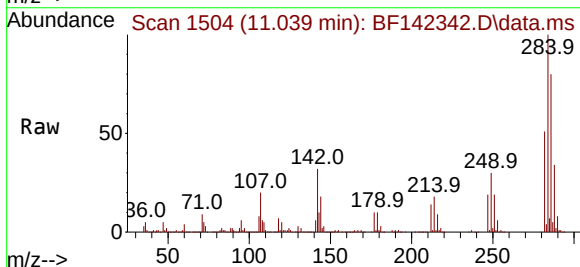
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

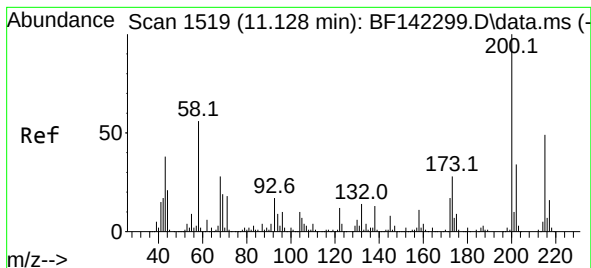
Tgt Ion:248 Resp: 419820
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 71.6 59.8 89.8



#68
Hexachlorobenzene
Concen: 50.128 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:284 Resp: 452855
Ion Ratio Lower Upper
284 100
142 31.8 26.6 39.8
249 30.1 24.1 36.1





#69

Atrazine

Concen: 51.487 ng

RT: 11.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

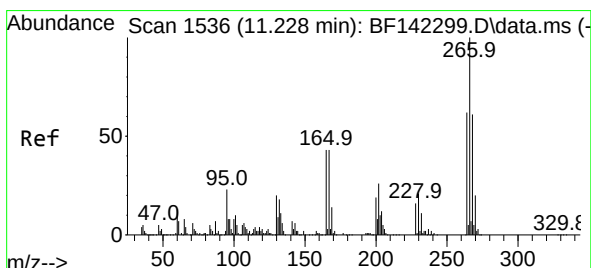
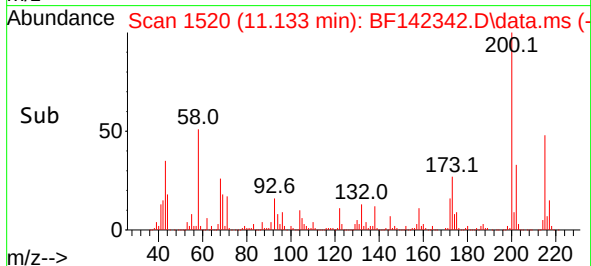
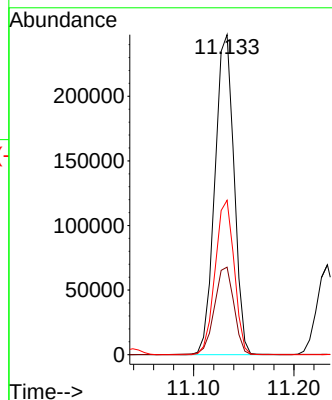
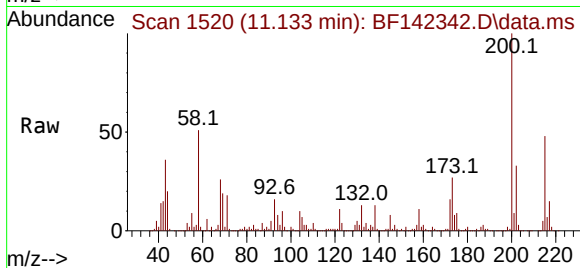
Tgt Ion:200 Resp: 327274

Ion Ratio Lower Upper

200 100

173 27.4 8.1 48.1

215 48.3 28.8 68.8



#70

Pentachlorophenol

Concen: 109.611 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

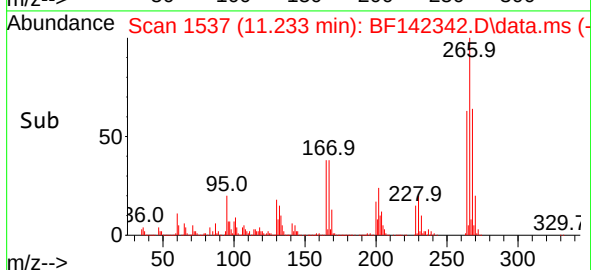
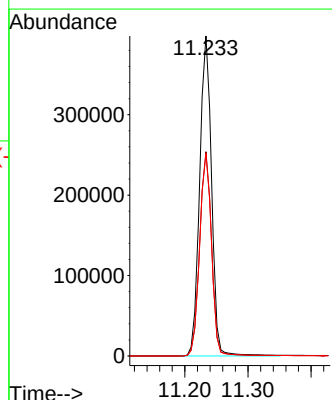
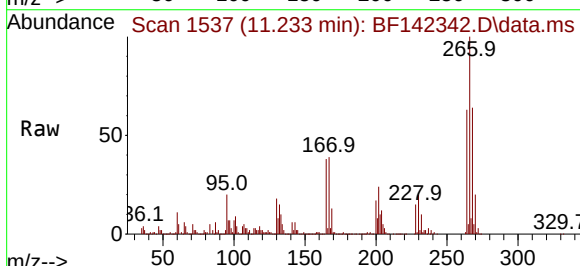
Tgt Ion:266 Resp: 520921

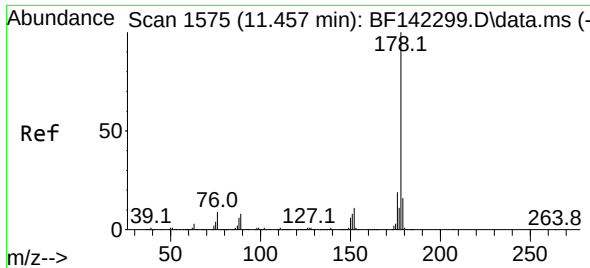
Ion Ratio Lower Upper

266 100

268 63.8 48.7 73.1

264 63.3 49.8 74.6

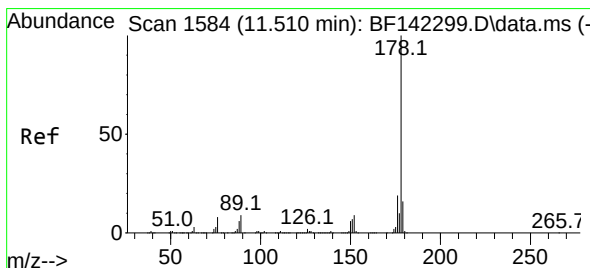
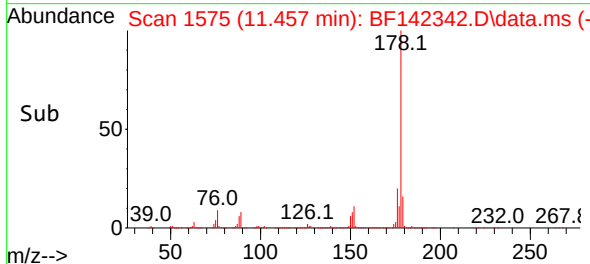
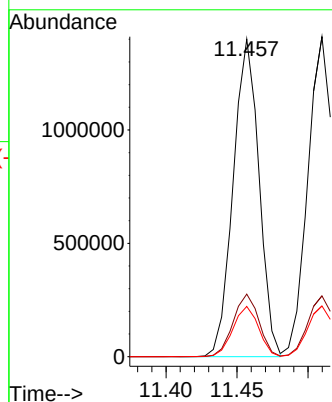
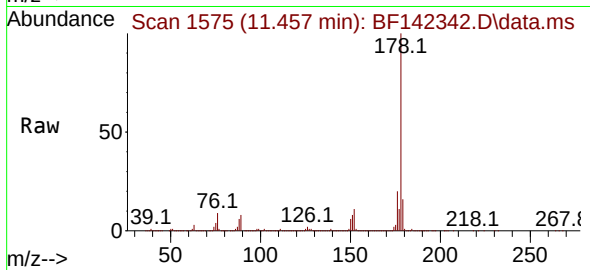




#71
Phenanthrene
Concen: 46.520 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

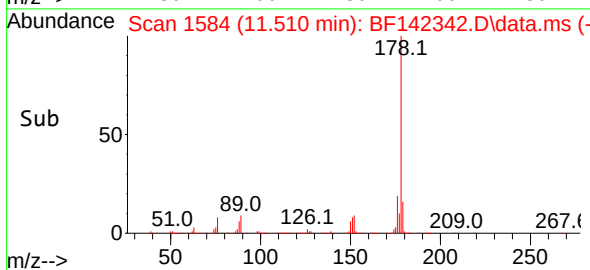
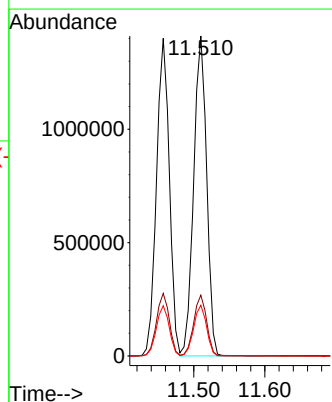
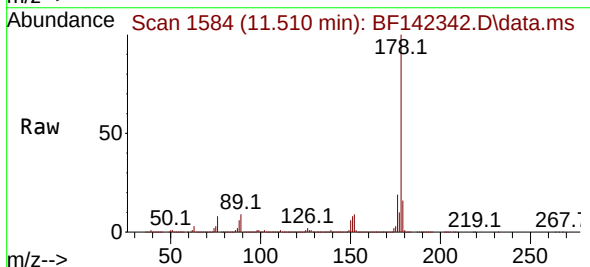
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

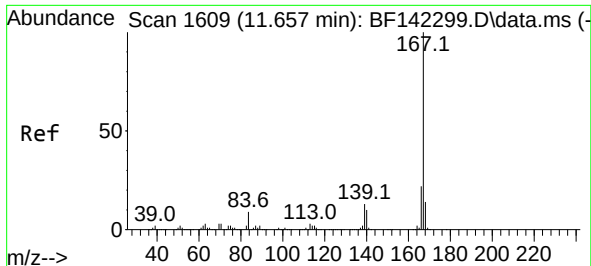
Tgt Ion:178 Resp: 1767047
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.8 12.6 18.8



#72
Anthracene
Concen: 45.882 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:178 Resp: 1790740
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.6 18.8

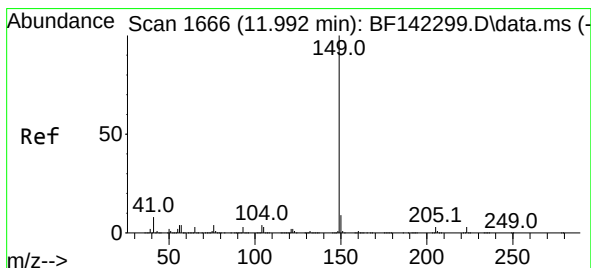
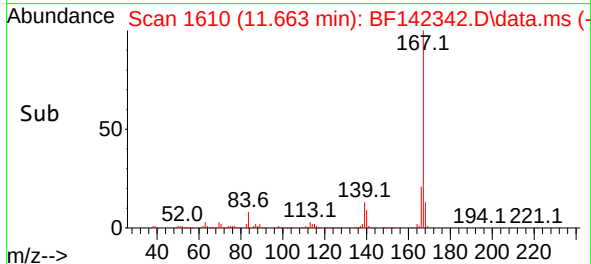
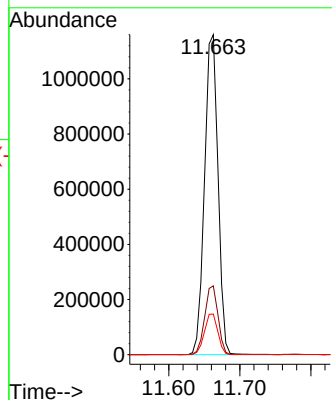
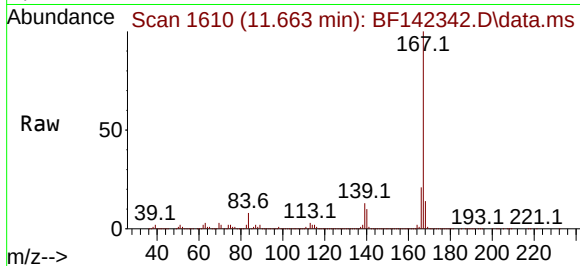




#73
Carbazole
Concen: 43.718 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

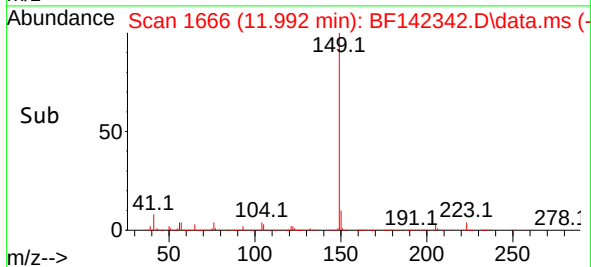
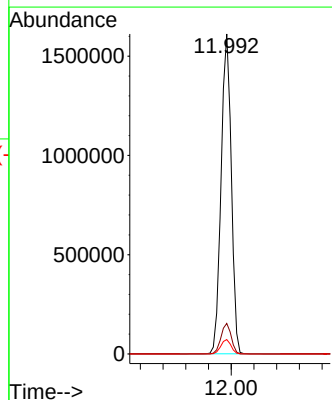
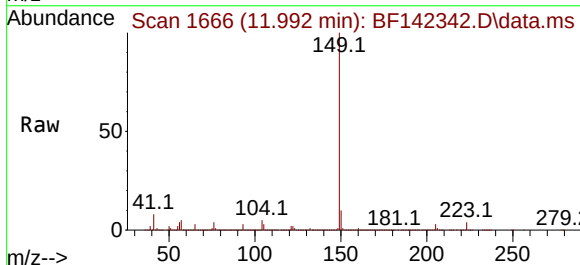
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

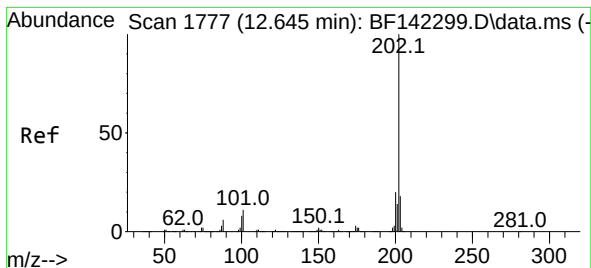
Tgt Ion:167 Resp: 1530832
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.7 10.3 15.5



#74
Di-n-butylphthalate
Concen: 54.486 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:149 Resp: 2006185
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 41.899 ng

RT: 12.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

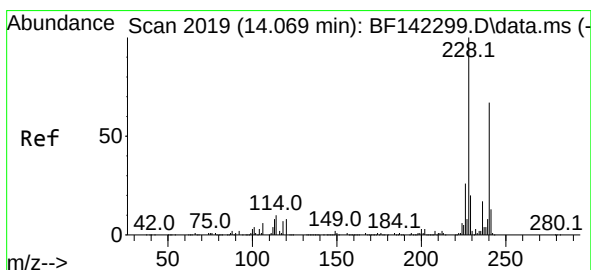
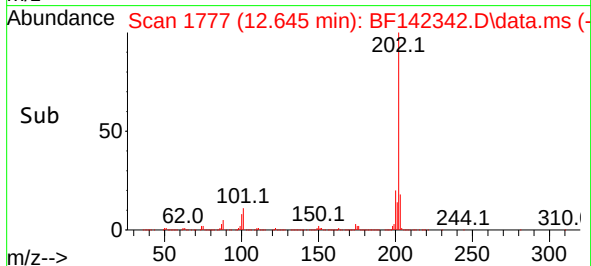
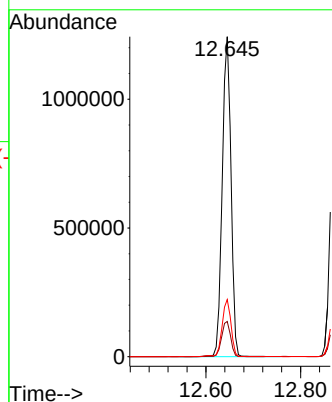
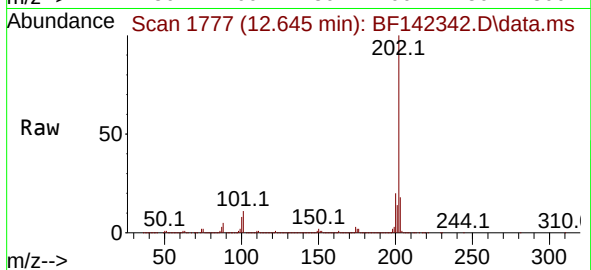
Tgt Ion:202 Resp: 1590916

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.4

203 17.8 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

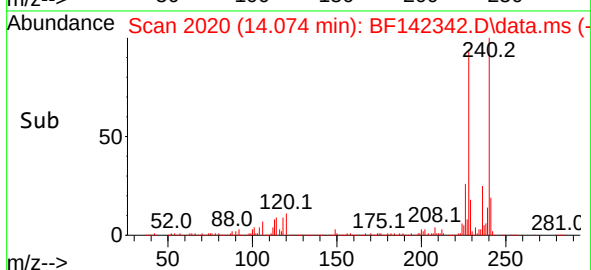
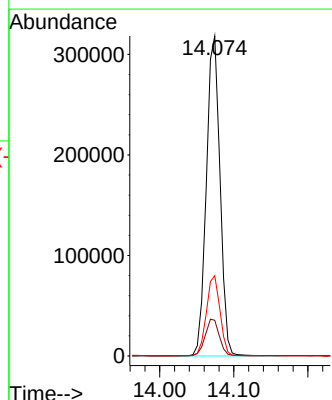
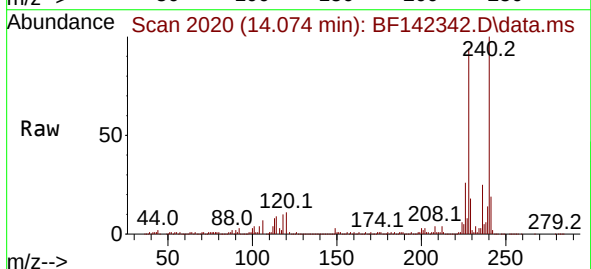
Tgt Ion:240 Resp: 407587

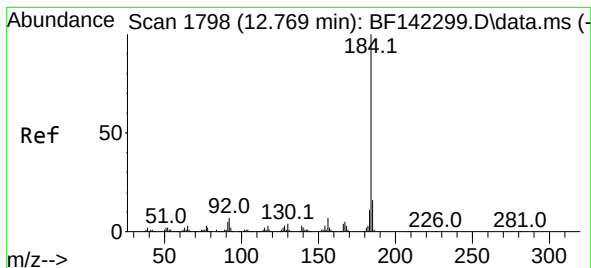
Ion Ratio Lower Upper

240 100

120 11.1 9.7 14.5

236 25.1 20.0 30.0





#77

Benzidine

Concen: 24.082 ng

RT: 12.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

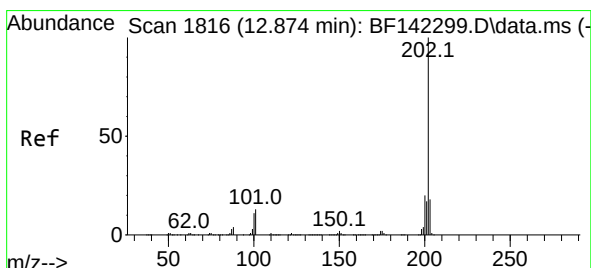
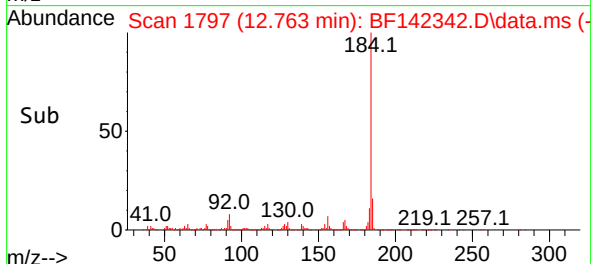
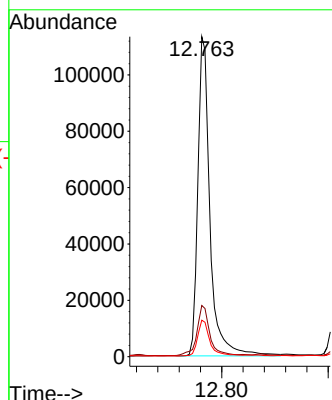
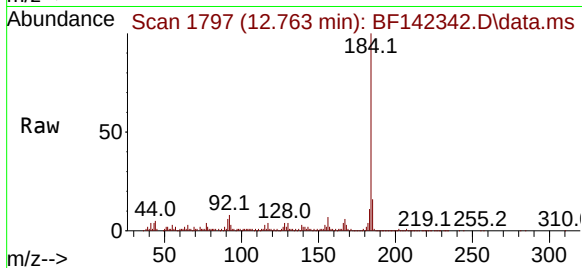
Tgt Ion:184 Resp: 178374

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

183 11.4 8.6 12.8



#78

Pyrene

Concen: 42.692 ng

RT: 12.874 min Scan# 1816

Delta R.T. -0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

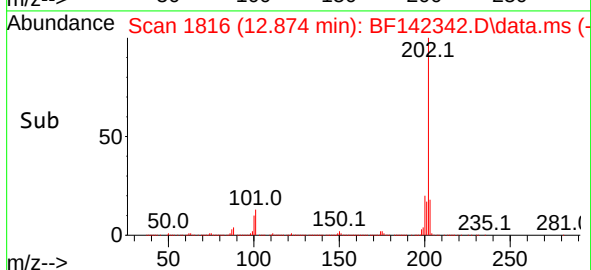
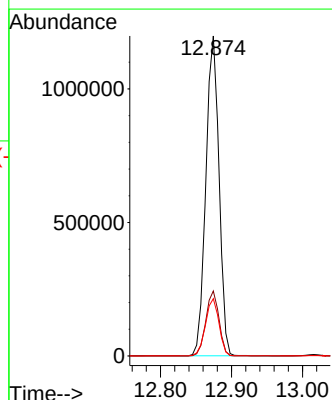
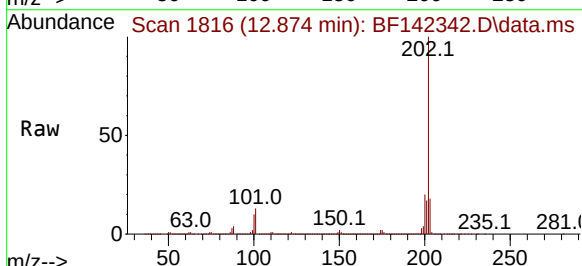
Tgt Ion:202 Resp: 1548848

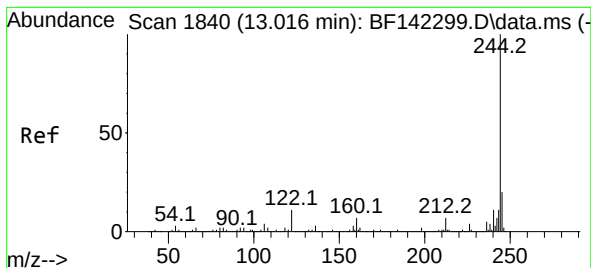
Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 72.555 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

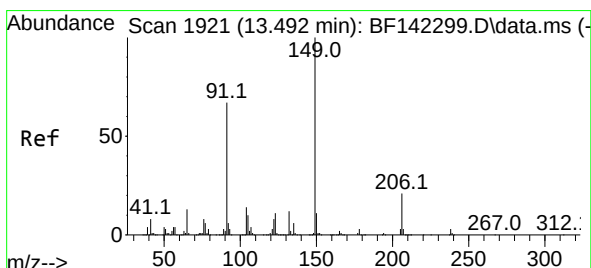
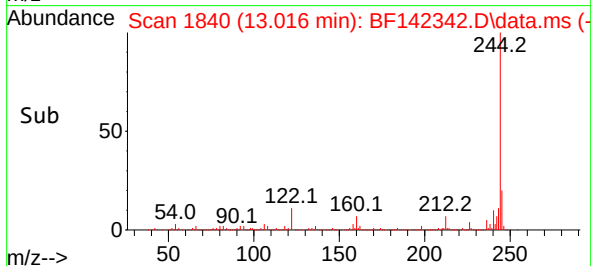
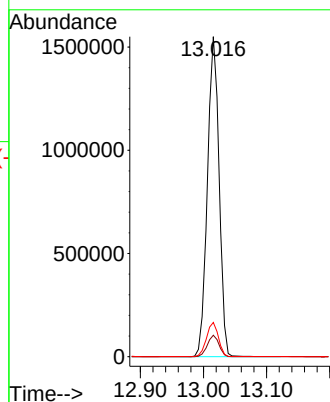
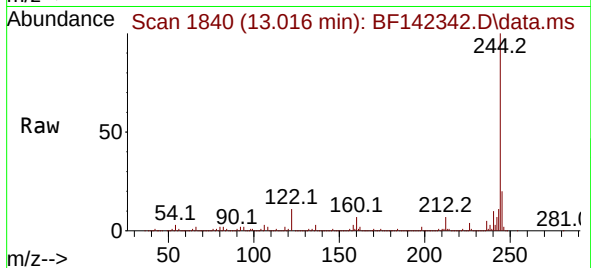
Tgt Ion:244 Resp: 1998010

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.7 9.0 13.4



#80

Butylbenzylphthalate

Concen: 60.278 ng

RT: 13.492 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

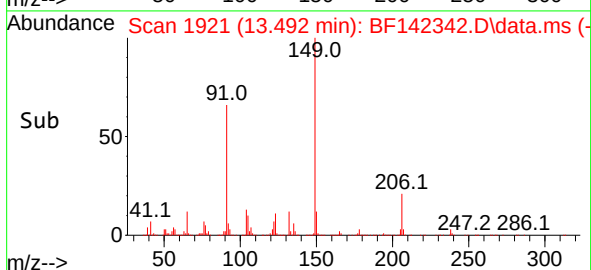
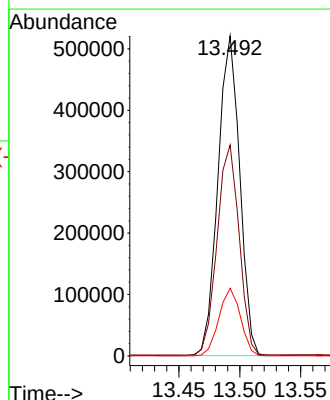
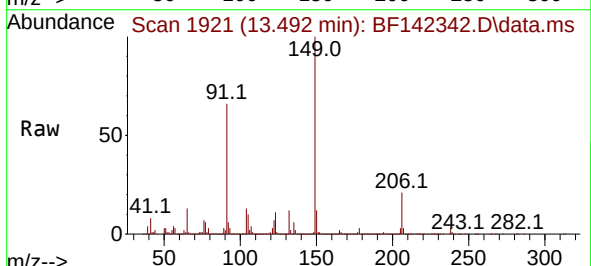
Tgt Ion:149 Resp: 648929

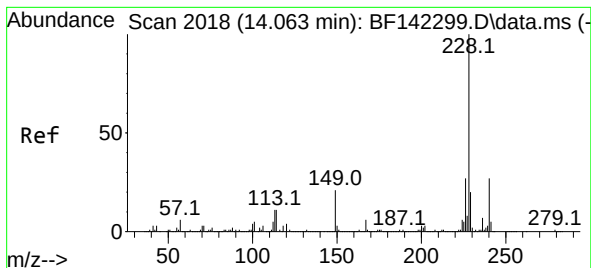
Ion Ratio Lower Upper

149 100

91 66.0 53.8 80.6

206 21.1 16.6 24.8





#81

Benzo(a)anthracene

Concen: 48.433 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

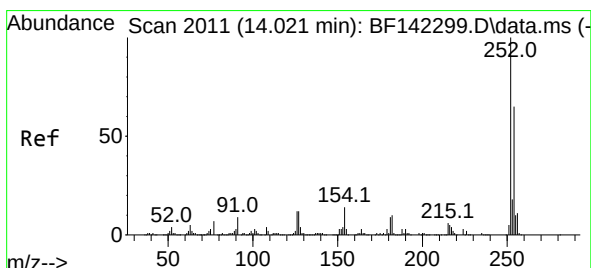
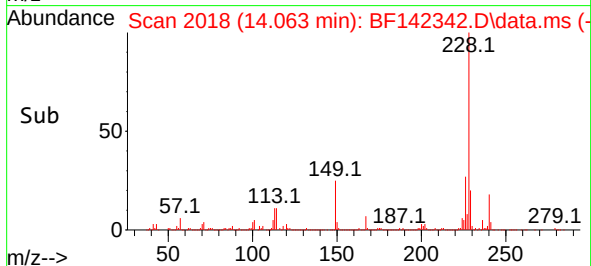
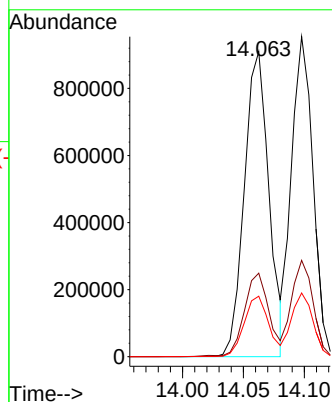
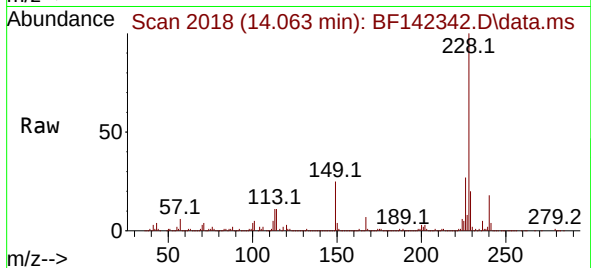
Tgt Ion:228 Resp: 1278426

Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 42.665 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

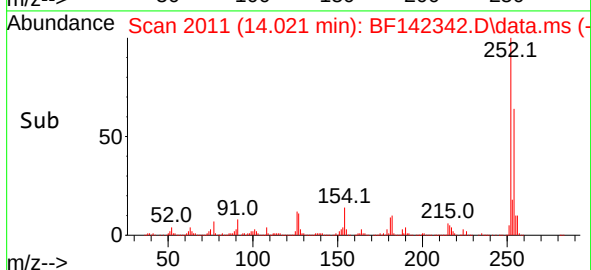
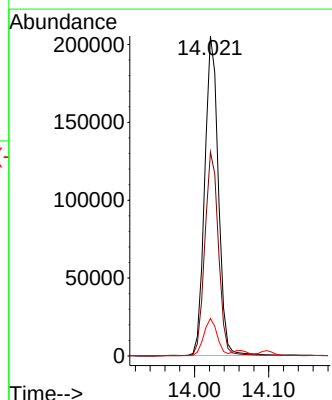
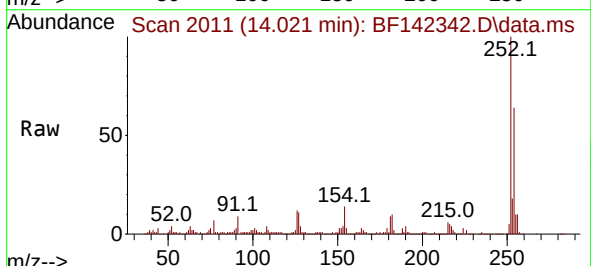
Tgt Ion:252 Resp: 261890

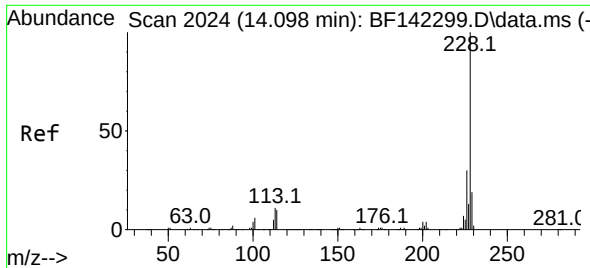
Ion Ratio Lower Upper

252 100

254 63.7 52.0 78.0

126 11.7 9.7 14.5

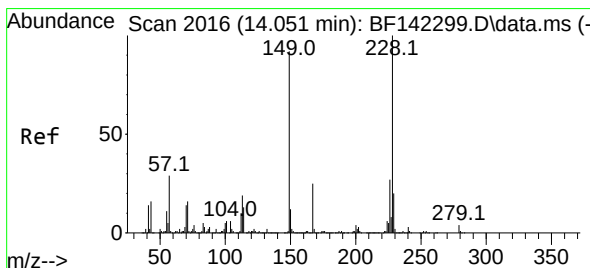
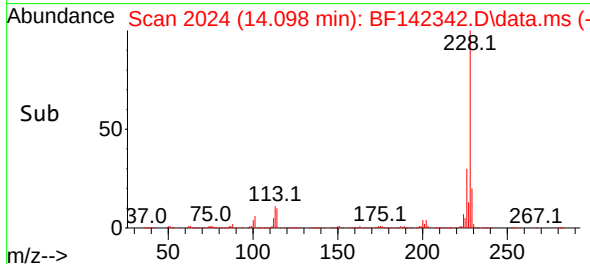
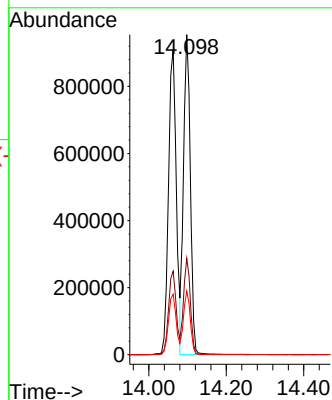
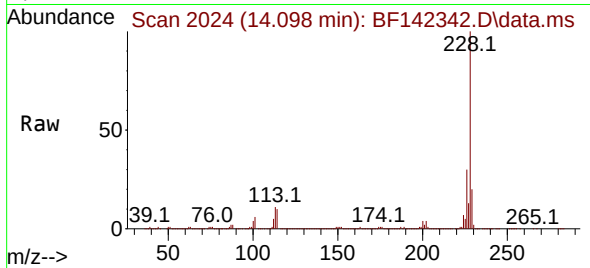




#83
Chrysene
Concen: 48.044 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

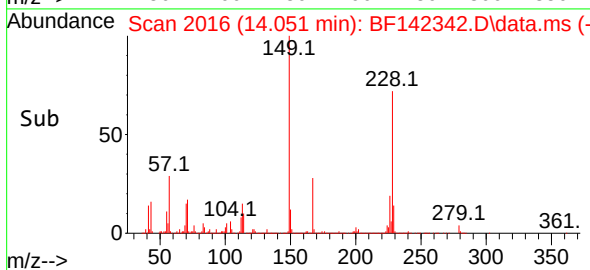
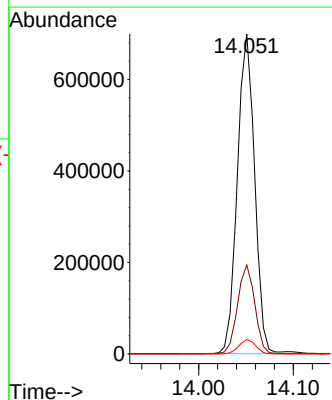
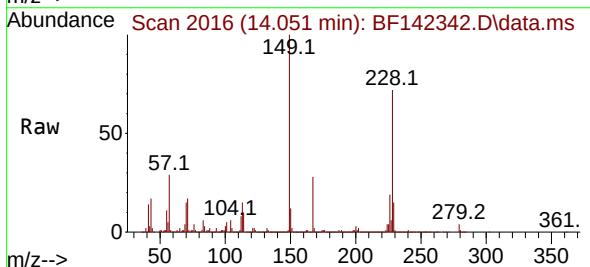
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

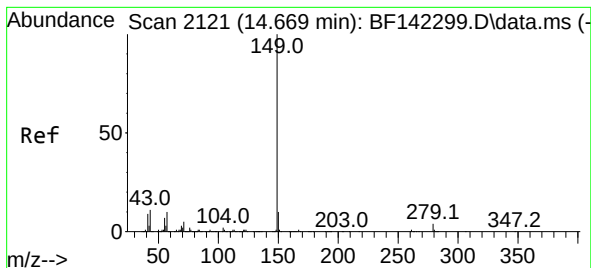
Tgt Ion:228 Resp: 1180559
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.9 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 62.609 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:149 Resp: 882737
Ion Ratio Lower Upper
149 100
167 27.8 22.0 33.0
279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 54.565 ng

RT: 14.668 min Scan# 2121

Delta R.T. -0.001 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

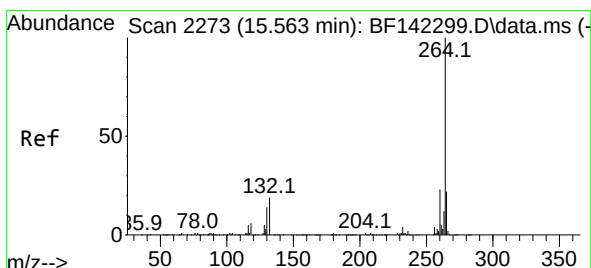
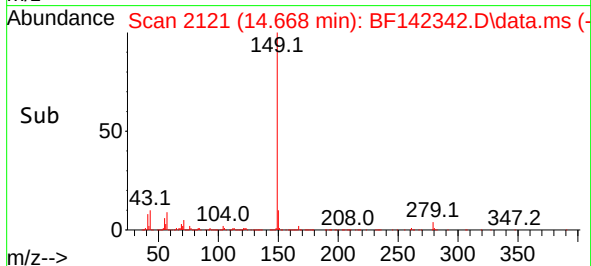
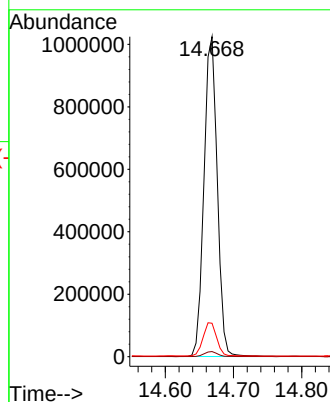
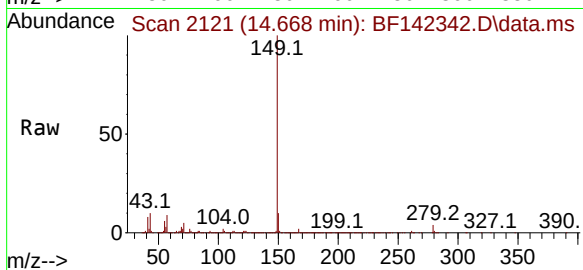
Tgt Ion:149 Resp: 1388300

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.9 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

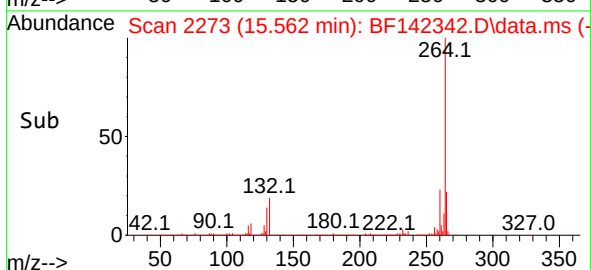
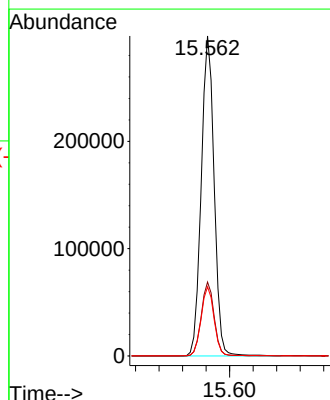
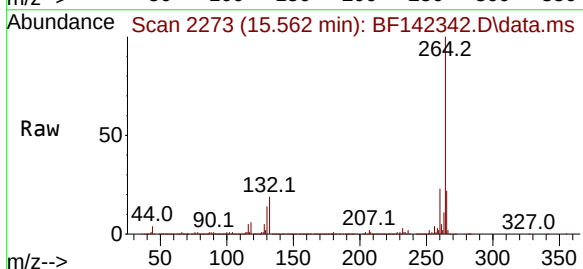
Tgt Ion:264 Resp: 453389

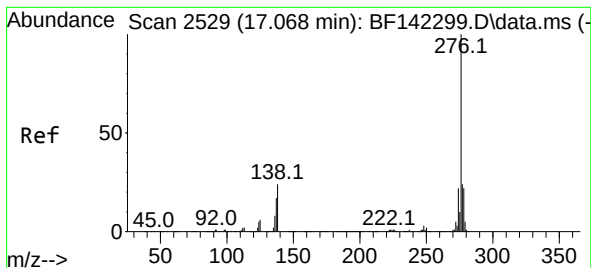
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.101 ng

RT: 17.074 min Scan# 2117

Delta R.T. 0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

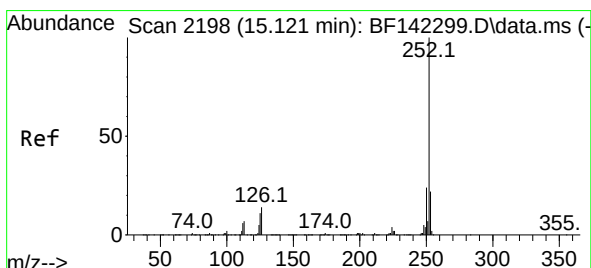
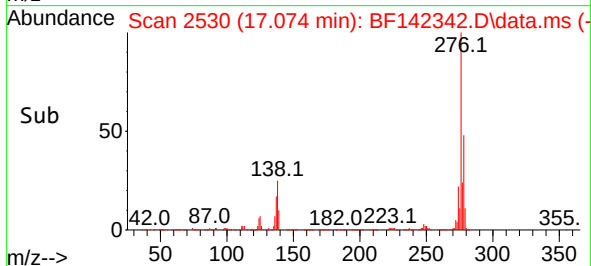
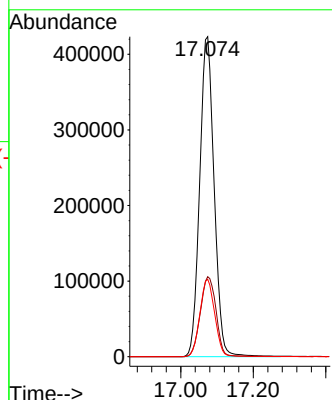
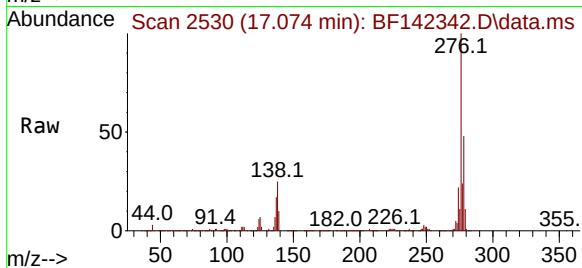
Tgt Ion:276 Resp: 1170137

Ion Ratio Lower Upper

276 100

138 27.2 22.0 33.0

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 48.431 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF142342.D

Acq: 13 May 2025 13:45

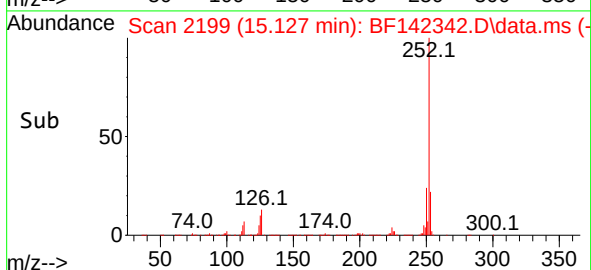
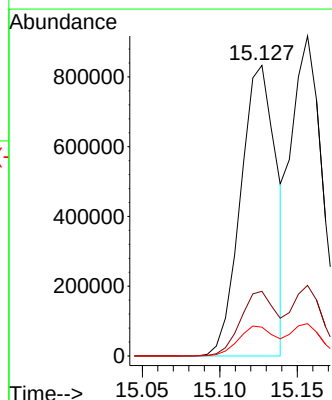
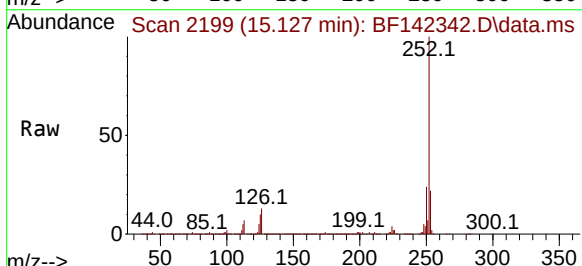
Tgt Ion:252 Resp: 1329901

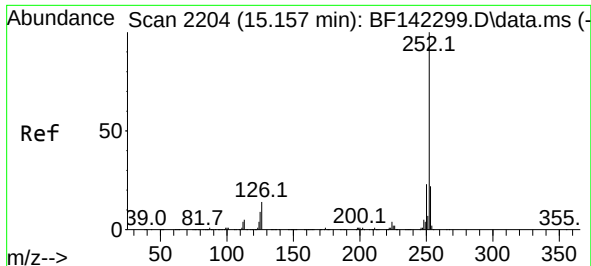
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.9 8.7 13.1

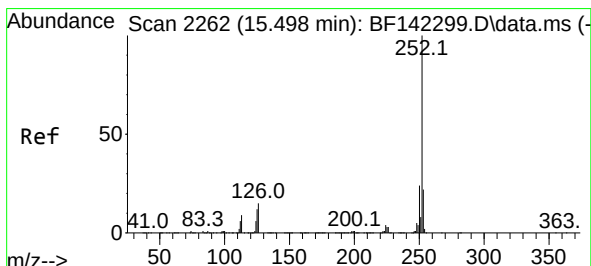
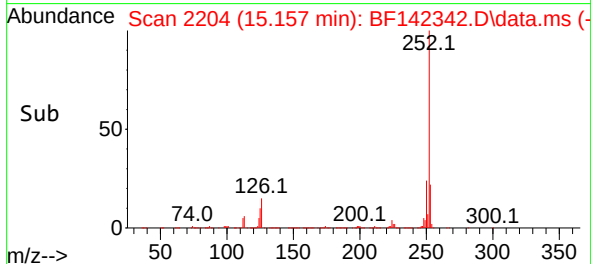
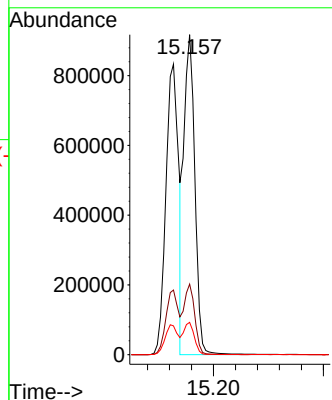
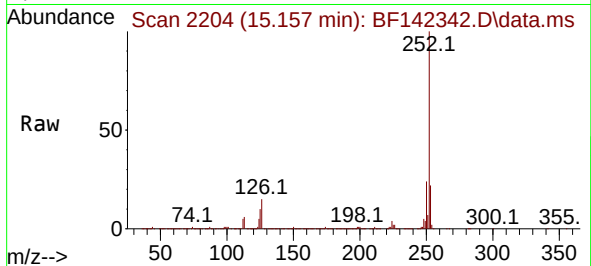




#89
Benzo(k)fluoranthene
Concen: 50.701 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

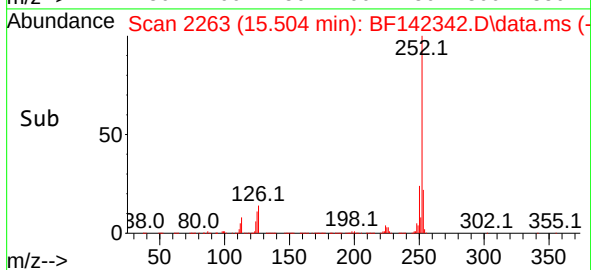
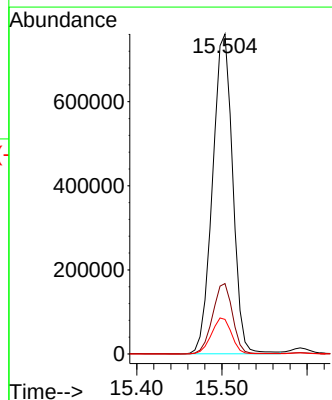
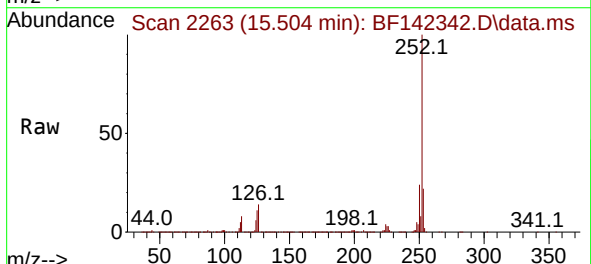
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

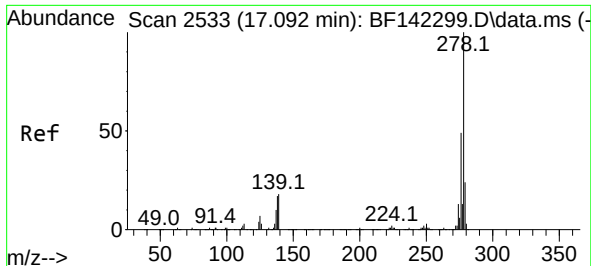
Tgt Ion:252 Resp: 1274067
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.1 8.1 12.1



#90
Benzo(a)pyrene
Concen: 50.754 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:252 Resp: 1248896
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.8 9.4 14.0

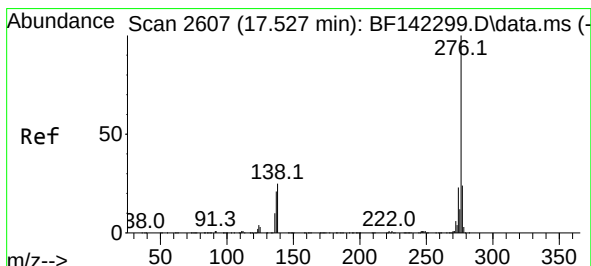
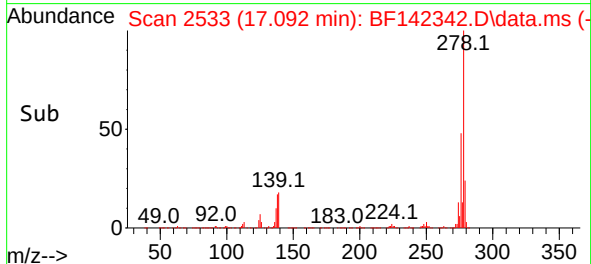
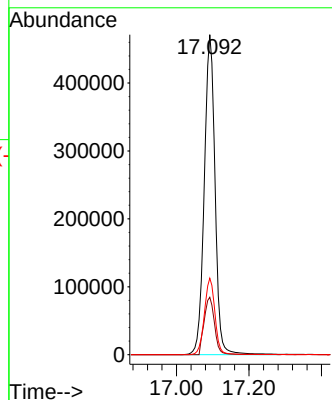
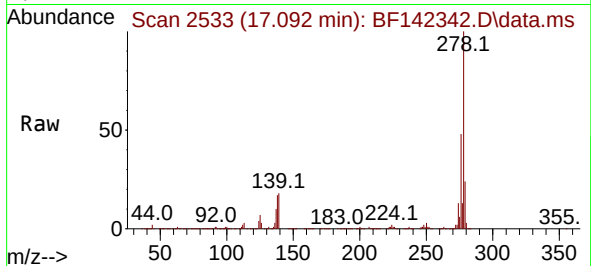




#91
Dibenzo(a,h)anthracene
Concen: 37.377 ng
RT: 17.092 min Scan# 2533
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:278 Resp: 973904
Ion Ratio Lower Upper
278 100
139 17.9 14.5 21.7
279 23.9 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 33.004 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF142342.D
Acq: 13 May 2025 13:45

Tgt Ion:276 Resp: 853513
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 23.4 19.8 29.6

