

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142285.D
 Acq On : 02 May 2025 17:18
 Operator : RC/JU
 Sample : Q1916-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12MSD

Quant Time: May 02 17:57:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	214792	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	826459	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	423460	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	705292	20.000	ng	0.00
76) Chrysene-d12	14.068	240	433924	20.000	ng	0.00
86) Perylene-d12	15.557	264	423312	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1480264	110.063	ng	0.01
7) Phenol-d6	6.534	99	1795415	110.549	ng	0.00
23) Nitrobenzene-d5	7.469	82	1121196	89.127	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	564410	146.204	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2199782	73.245	ng	0.00
79) Terphenyl-d14	13.016	244	1943531	65.142	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.852	88	200356	33.356	ng	# 83
4) n-Nitrosodimethylamine	3.504	42	320389	39.659	ng	100
6) Aniline	6.640	93	544706	23.696	ng	# 54
8) 2-Chlorophenol	6.692	128	594292	42.763	ng	99
9) Benzaldehyde	6.457	77	202699	17.857	ng	99
10) Phenol	6.545	94	655543	37.493	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	544706	40.203	ng	98
12) 1,3-Dichlorobenzene	6.851	146	599075	38.105	ng	100
13) 1,4-Dichlorobenzene	6.928	146	609944	38.507	ng	99
14) 1,2-Dichlorobenzene	7.075	146	584133	38.629	ng	100
15) Benzyl Alcohol	7.045	79	242814	21.080	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.181	45	973410	39.786	ng	97
17) 2-Methylphenol	7.157	107	492077	43.222	ng	97
18) Hexachloroethane	7.422	117	208011	40.123	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	400149	39.872	ng	99
20) 3+4-Methylphenols	7.310	107	566468	39.788	ng	# 73
22) Acetophenone	7.316	105	756620	39.573	ng	98
24) Nitrobenzene	7.487	77	581532	47.113	ng	99
25) Isophorone	7.728	82	1077403	40.808	ng	99
26) 2-Nitrophenol	7.804	139	287766	53.784	ng	98
27) 2,4-Dimethylphenol	7.839	122	552696	41.521	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	685882	41.192	ng	99
29) 2,4-Dichlorophenol	8.045	162	489328	43.969	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	503606	40.552	ng	100
31) Naphthalene	8.210	128	1643033	39.864	ng	100
32) Benzoic acid	7.939	122	286766	45.888	ng	99
33) 4-Chloroaniline	8.416	127	190968	11.127	ng	99
34) Hexachlorobutadiene	8.328	225	297755	41.095	ng	99
35) Caprolactam	8.628	113	94562	28.269	ng	99
36) 4-Chloro-3-methylphenol	8.733	107	492414	43.090	ng	98
37) 2-Methylnaphthalene	8.898	142	1017321	40.145	ng	98
38) 1-Methylnaphthalene	8.998	142	1070660	40.784	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	499146	41.883	ng	99
41) Hexachlorocyclopentadiene	9.057	237	655323	96.887	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	351600	47.611	ng	98
44) 2,4,5-Trichlorophenol	9.216	196	377182	48.579	ng	100

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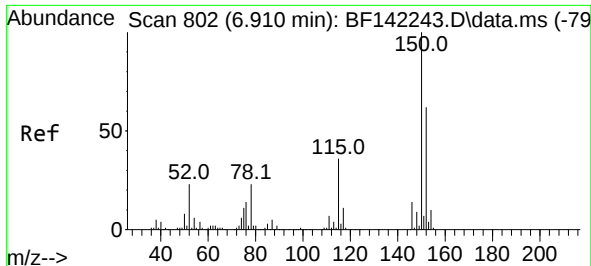
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.363	154	1391415	42.266	ng	100
47) 2-Chloronaphthalene	9.392	162	1029786	42.045	ng	99
48) 2-Nitroaniline	9.480	65	335423	51.541	ng	95
49) Acenaphthylene	9.804	152	1744556	42.210	ng	100
50) Dimethylphthalate	9.663	163	1217017	44.924	ng	100
51) 2,6-Dinitrotoluene	9.722	165	257114	49.358	ng	98
52) Acenaphthene	9.980	154	1152256	47.747	ng	98
53) 3-Nitroaniline	9.910	138	208685	34.010	ng	97
54) 2,4-Dinitrophenol	9.998	184	268773	118.336	ng	# 1
55) Dibenzofuran	10.151	168	1549472	42.833	ng	100
56) 4-Nitrophenol	10.045	139	423607	99.480	ng	99
57) 2,4-Dinitrotoluene	10.128	165	352124	55.145	ng	95
58) Fluorene	10.492	166	1181775	42.964	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	303523	47.193	ng	100
60) Diethylphthalate	10.369	149	1205092	45.047	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	561721	43.002	ng	96
62) 4-Nitroaniline	10.510	138	208504	36.961	ng	97
63) Azobenzene	10.645	77	1121903	42.469	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	160335	64.367	ng	92
66) n-Nitrosodiphenylamine	10.604	169	1028062	42.661	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	351935	44.806	ng	99
68) Hexachlorobenzene	11.039	284	397147	45.145	ng	99
69) Atrazine	11.133	200	222533	35.033	ng	99
70) Pentachlorophenol	11.233	266	468886	100.893	ng	98
71) Phenanthrene	11.457	178	1649682	43.302	ng	100
72) Anthracene	11.510	178	1690918	43.411	ng	100
73) Carbazole	11.657	167	1520445	42.791	ng	99
74) Di-n-butylphthalate	11.992	149	1764131	49.366	ng	100
75) Fluoranthene	12.645	202	1648130	43.764	ng	98
78) Pyrene	12.874	202	1639461	40.958	ng	100
80) Butylbenzylphthalate	13.492	149	582060	52.782	ng	99
81) Benzo(a)anthracene	14.057	228	1315993	45.176	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	145951	17.058	ng	100
83) Chrysene	14.098	228	1153398	43.498	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	739282	48.712	ng	99
85) Di-n-octyl phthalate	14.668	149	1182262	43.234	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1178639	38.013	ng	99
88) Benzo(b)fluoranthene	15.121	252	1176599	44.747	ng	99
89) Benzo(k)fluoranthene	15.151	252	1170313	48.660	ng	99
90) Benzo(a)pyrene	15.498	252	1113226	46.243	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	964139	38.313	ng	99
92) Benzo(g,h,i)perylene	17.521	276	920166	36.373	ng	99

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

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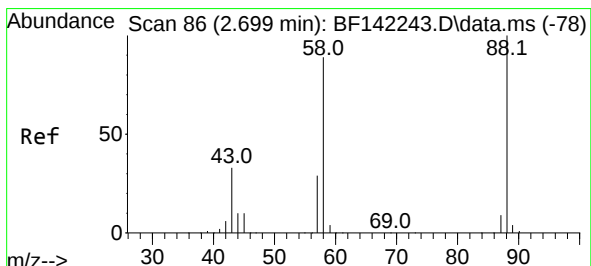
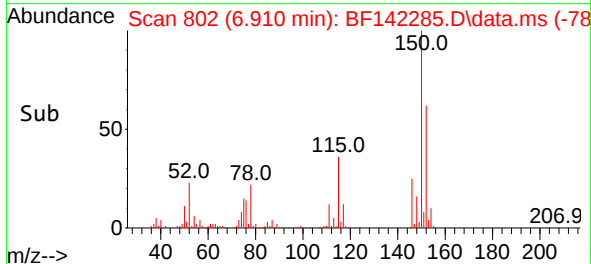
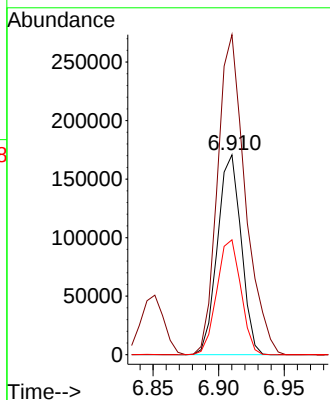
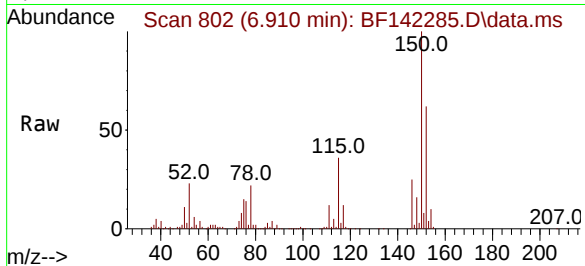




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142285.D
 Acq: 02 May 2025 17:18

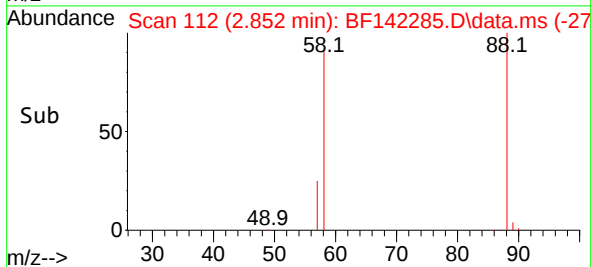
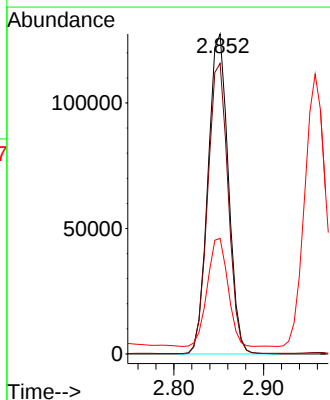
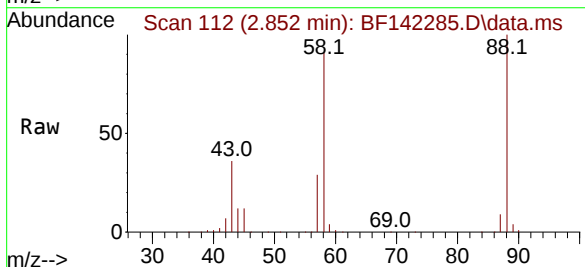
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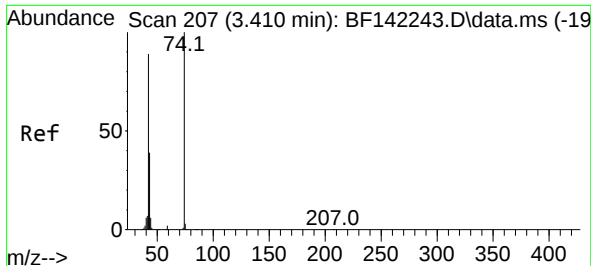
Tgt Ion:152 Resp: 214792
 Ion Ratio Lower Upper
 152 100
 150 160.1 130.2 195.2
 115 57.5 47.0 70.4



#2
 1,4-Dioxane
 Concen: 33.356 ng
 RT: 2.852 min Scan# 112
 Delta R.T. 0.153 min
 Lab File: BF142285.D
 Acq: 02 May 2025 17:18

Tgt Ion: 88 Resp: 200356
 Ion Ratio Lower Upper
 88 100
 58 91.1 72.2 108.2
 43 0.0 27.0 40.6#

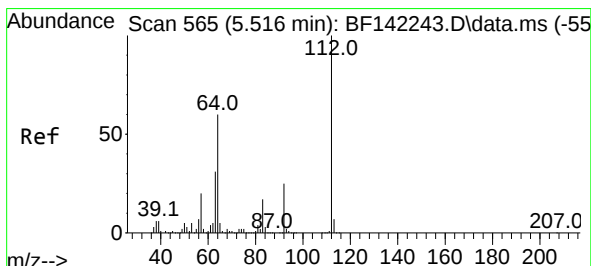
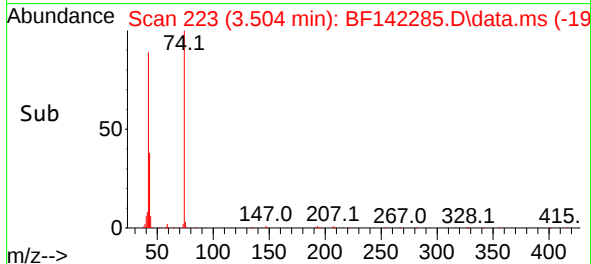
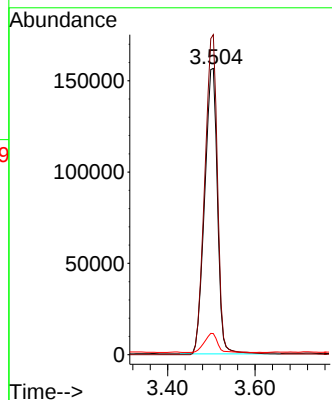
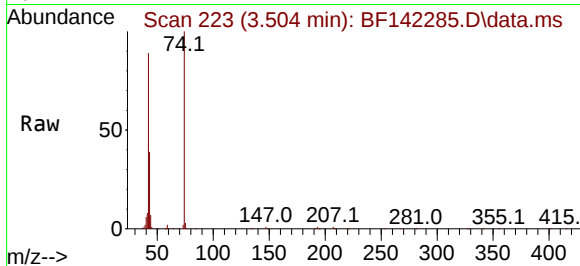




#4
n-Nitrosodimethylamine
Concen: 39.659 ng
RT: 3.504 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

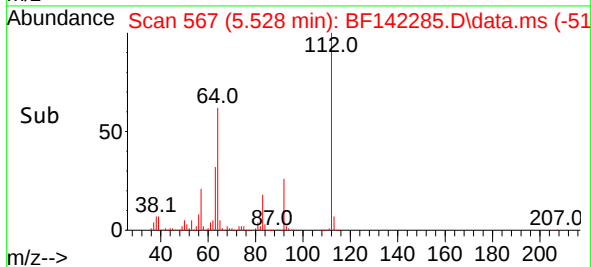
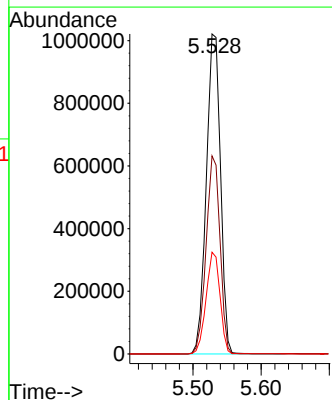
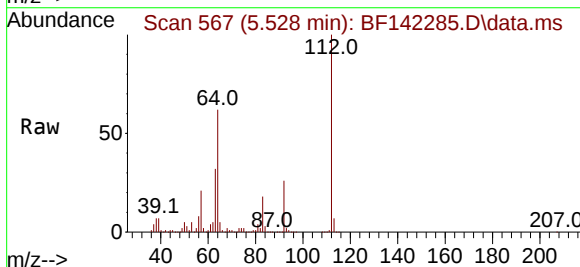
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ClientSampleId :
WC-12MSD

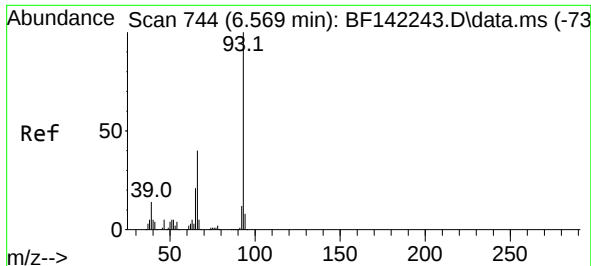
Tgt Ion: 42 Resp: 320389
Ion Ratio Lower Upper
42 100
74 111.8 89.5 134.3
44 7.4 6.6 9.8



#5
2-Fluorophenol
Concen: 110.063 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion: 112 Resp: 1480264
Ion Ratio Lower Upper
112 100
64 61.9 48.4 72.6
63 31.8 24.8 37.2

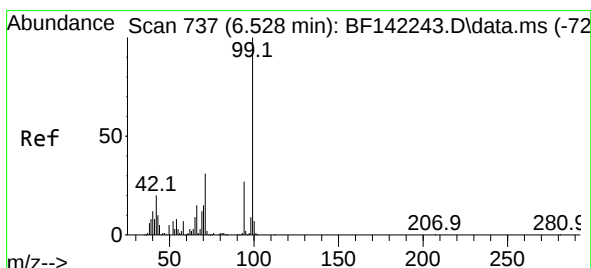
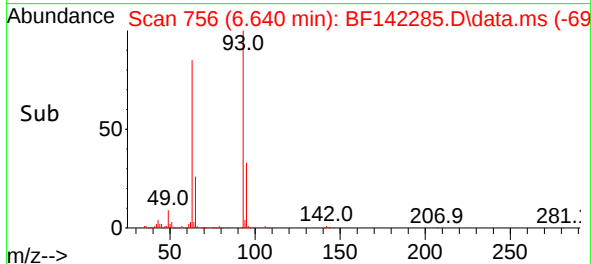
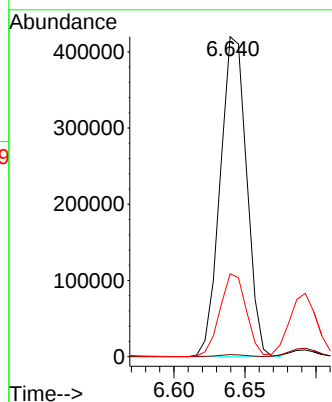
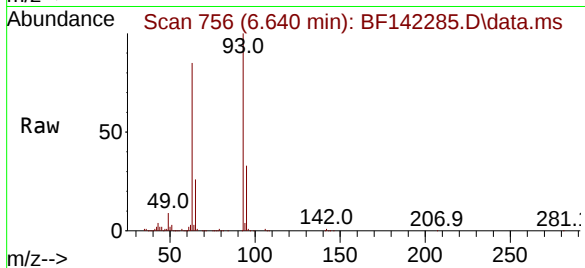




#6
Aniline
Concen: 23.696 ng
RT: 6.640 min Scan# 71
Delta R.T. 0.070 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

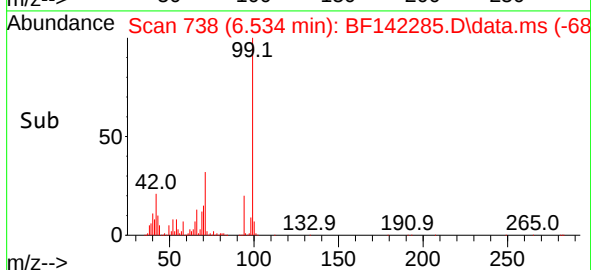
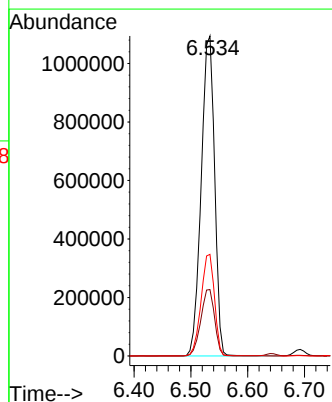
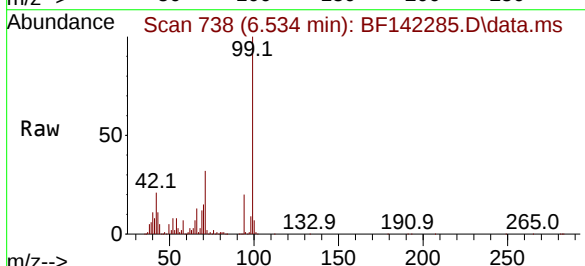
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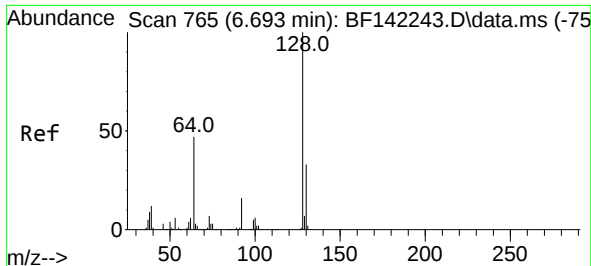
Tgt Ion: 93 Resp: 544706
Ion Ratio Lower Upper
93 100
66 0.6 32.1 48.1#
65 25.9 16.6 24.8#



#7
Phenol-d6
Concen: 110.549 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion: 99 Resp: 1795415
Ion Ratio Lower Upper
99 100
42 20.8 16.3 24.5
71 31.8 25.0 37.4

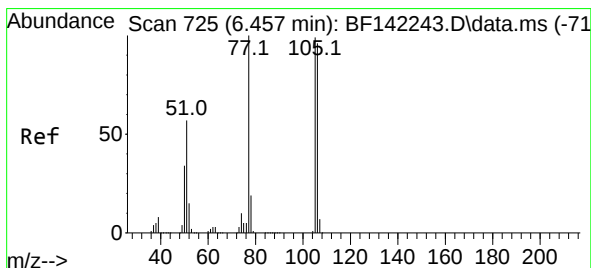
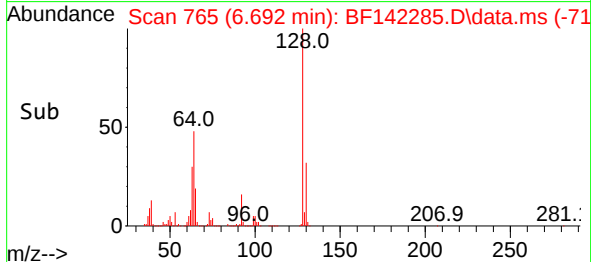
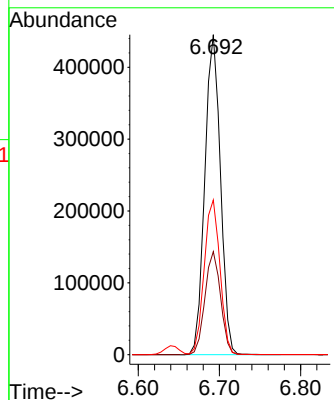
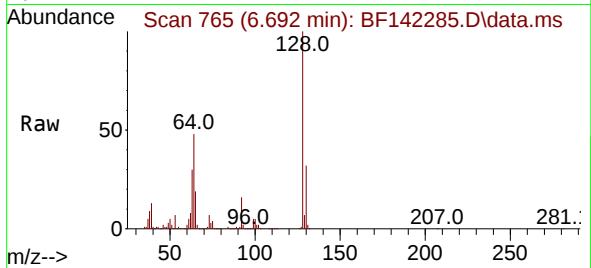




#8
2-Chlorophenol
Concen: 42.763 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

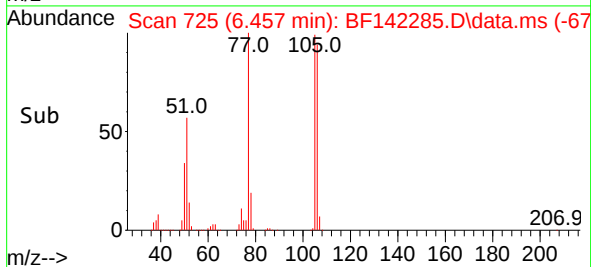
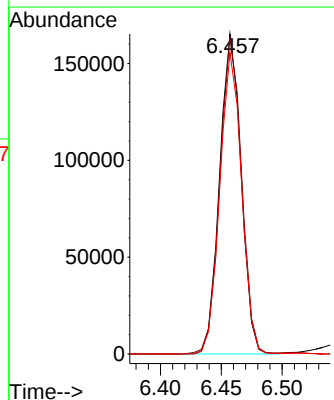
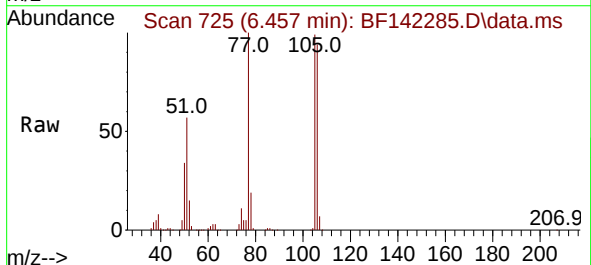
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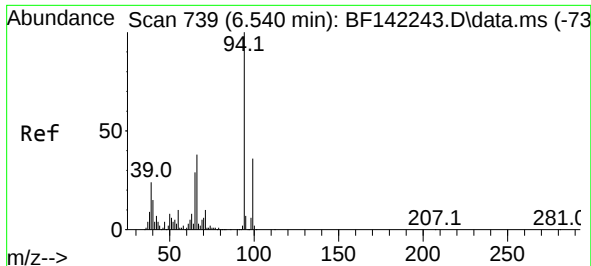
Tgt Ion:128 Resp: 594292
Ion Ratio Lower Upper
128 100
130 32.2 13.1 53.1
64 48.4 28.6 68.6



#9
Benzaldehyde
Concen: 17.857 ng
RT: 6.457 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion: 77 Resp: 202699
Ion Ratio Lower Upper
77 100
105 98.9 79.1 119.1
106 94.2 76.0 116.0

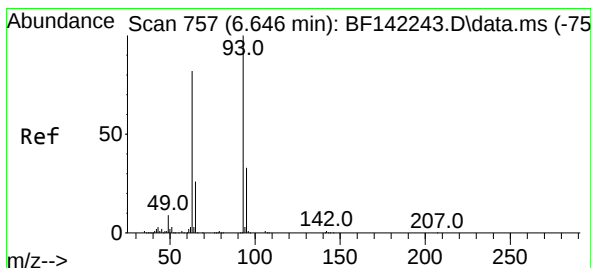
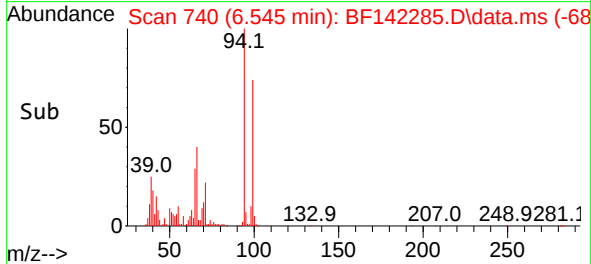
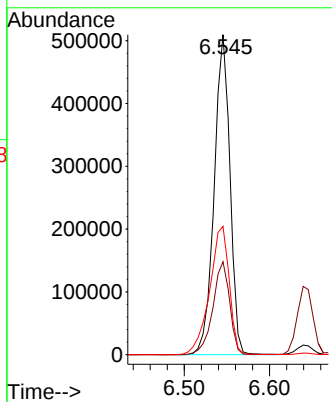
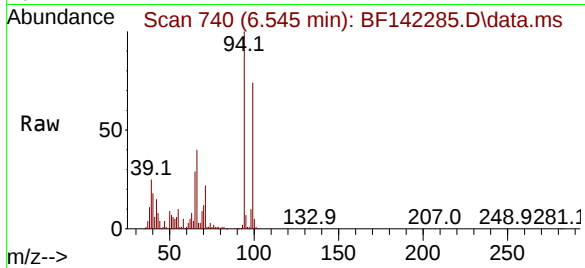




#10
Phenol
Concen: 37.493 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

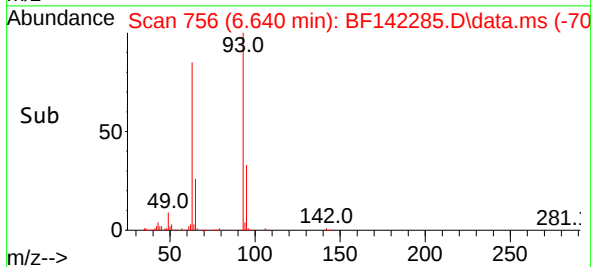
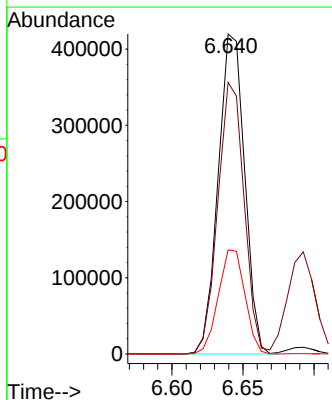
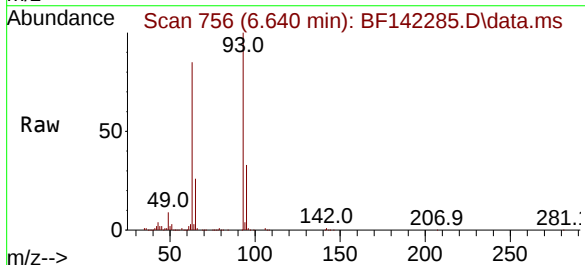
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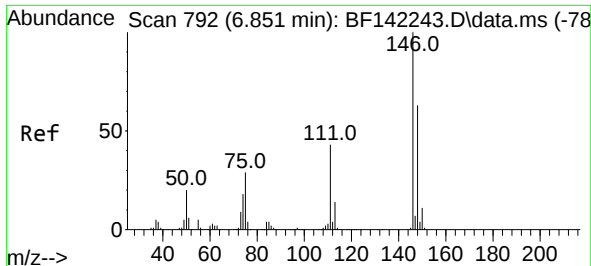
Tgt Ion: 94 Resp: 655543
Ion Ratio Lower Upper
94 100
65 29.0 8.9 48.9
66 40.1 18.7 58.7



#11
bis(2-Chloroethyl)ether
Concen: 40.203 ng
RT: 6.640 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion: 93 Resp: 544706
Ion Ratio Lower Upper
93 100
63 84.8 62.2 102.2
95 32.6 12.7 52.7

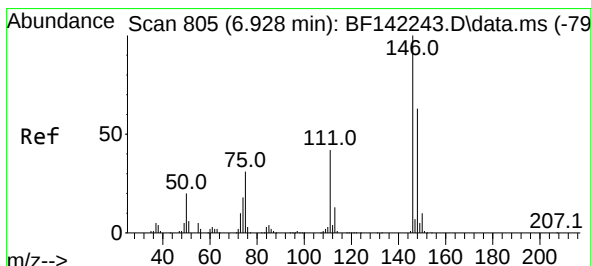
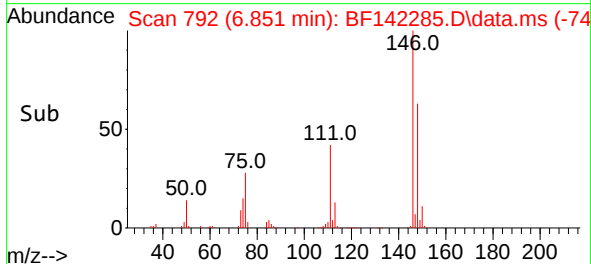
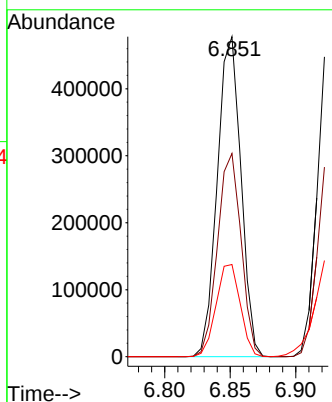
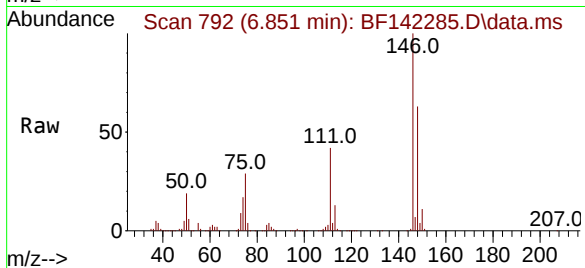




#12
1,3-Dichlorobenzene
Concen: 38.105 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

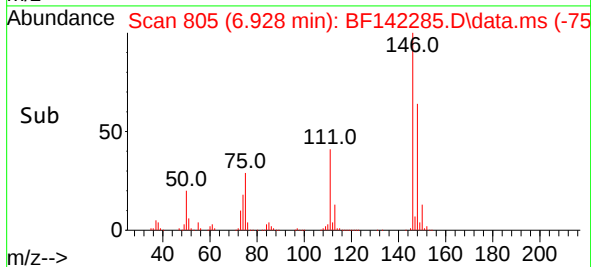
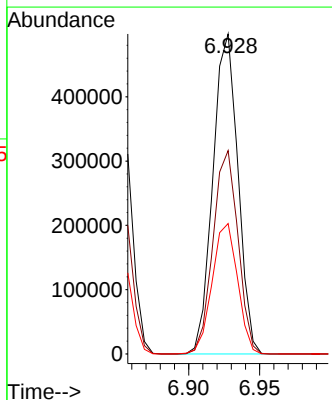
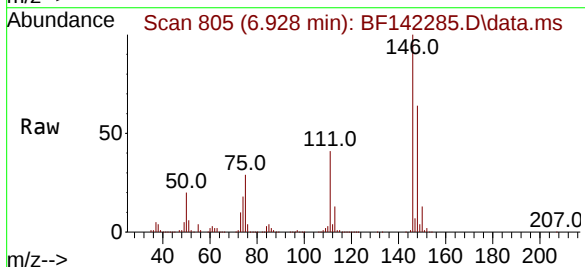
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

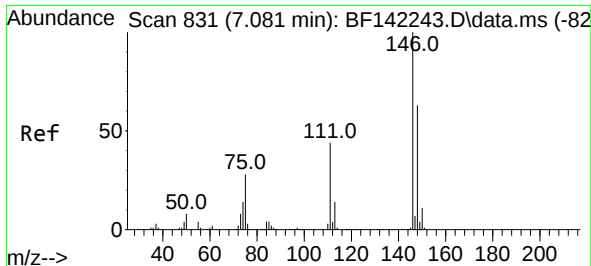
Tgt Ion:146 Resp: 599075
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
75 28.8 23.2 34.8



#13
1,4-Dichlorobenzene
Concen: 38.507 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:146 Resp: 609944
Ion Ratio Lower Upper
146 100
148 63.5 50.6 76.0
111 40.7 33.4 50.0

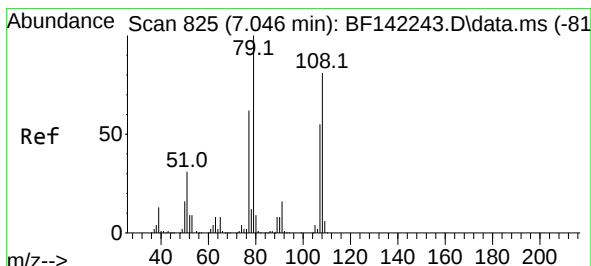
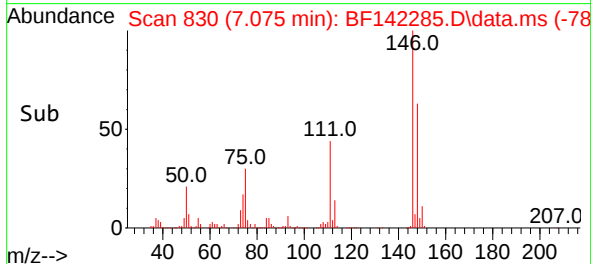
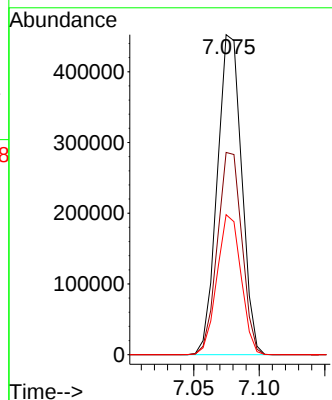
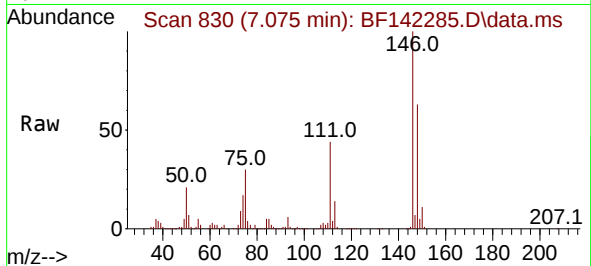




#14
1,2-Dichlorobenzene
Concen: 38.629 ng
RT: 7.075 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

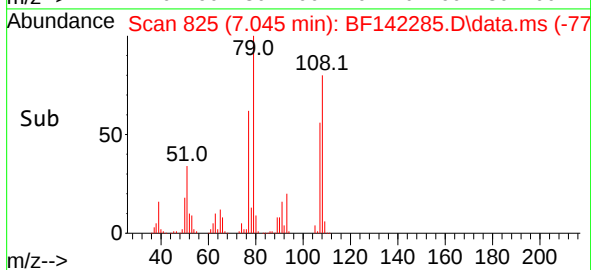
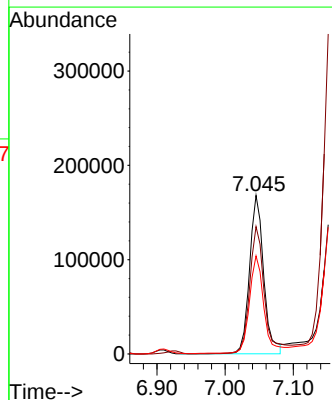
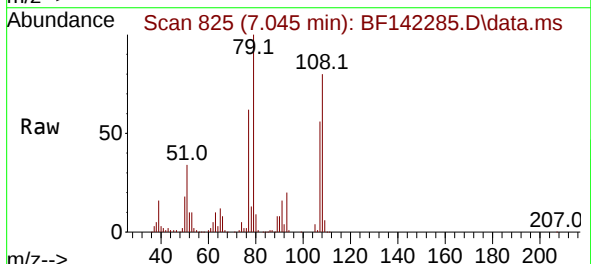
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

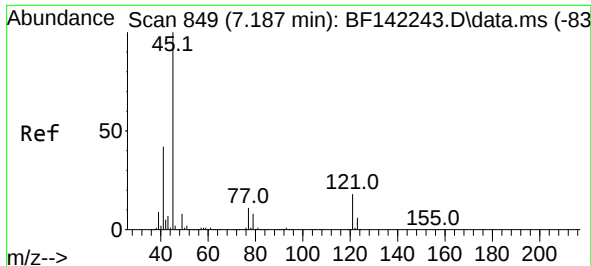
Tgt Ion:146 Resp: 584133
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
111 43.7 34.9 52.3



#15
Benzyl Alcohol
Concen: 21.080 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion: 79 Resp: 242814
Ion Ratio Lower Upper
79 100
108 80.3 64.5 96.7
77 61.9 49.2 73.8

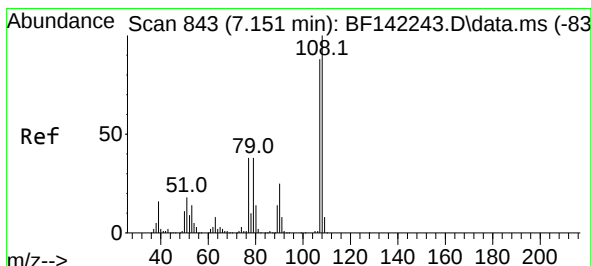
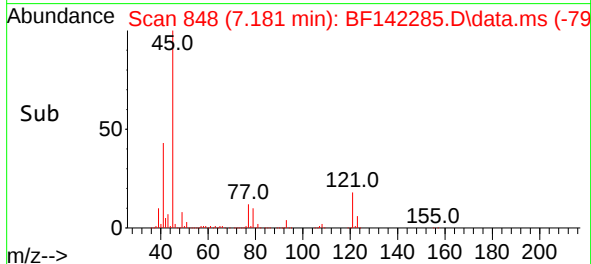
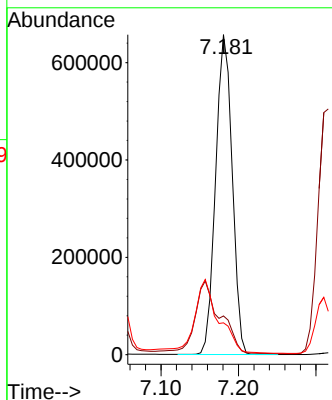
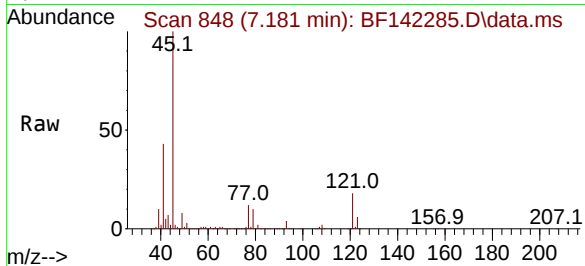




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.786 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

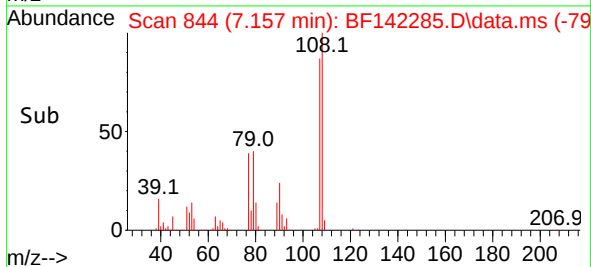
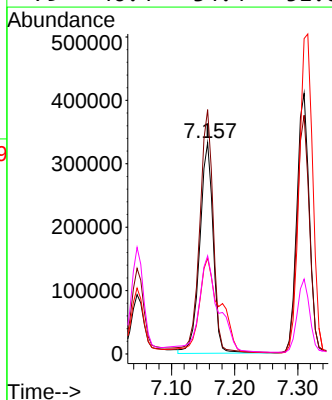
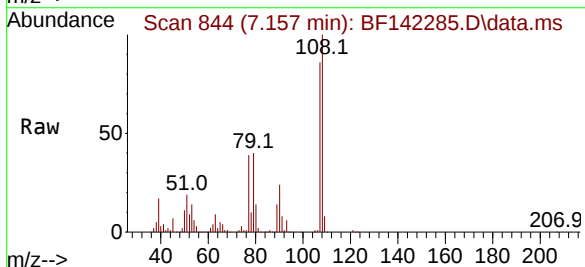
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

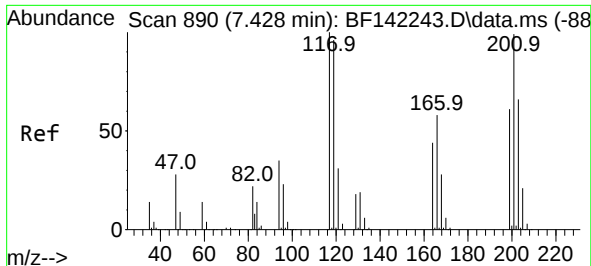
Tgt Ion: 45 Resp: 973410
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.3
79 10.0 0.0 28.5



#17
2-Methylphenol
Concen: 43.222 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:107 Resp: 492077
Ion Ratio Lower Upper
107 100
108 115.7 91.0 136.4
77 45.4 34.4 51.6
79 46.4 34.4 51.6

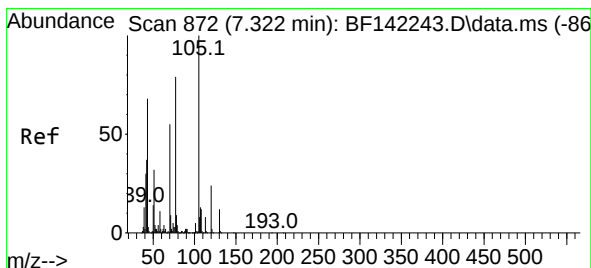
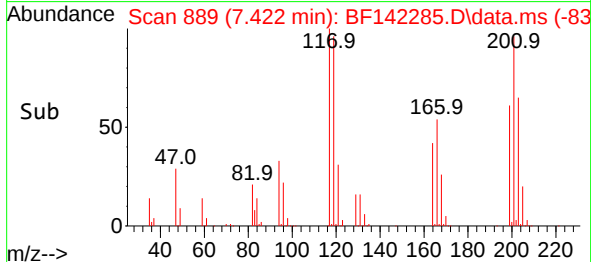
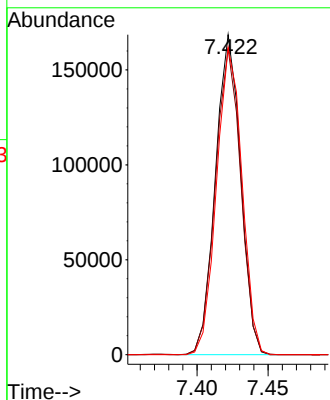
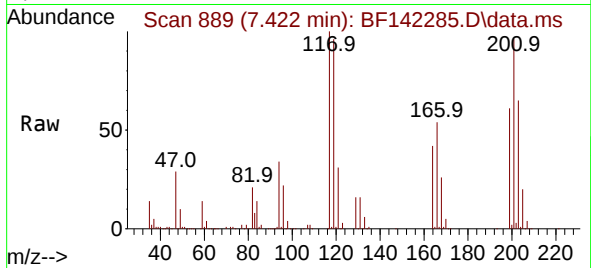




#18
Hexachloroethane
Concen: 40.123 ng
RT: 7.422 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

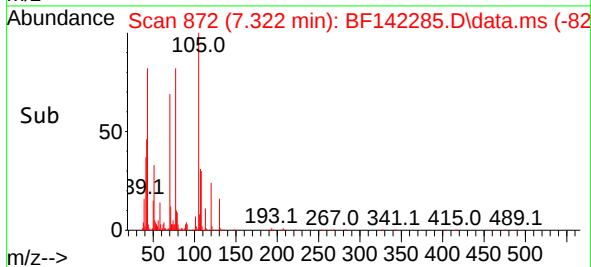
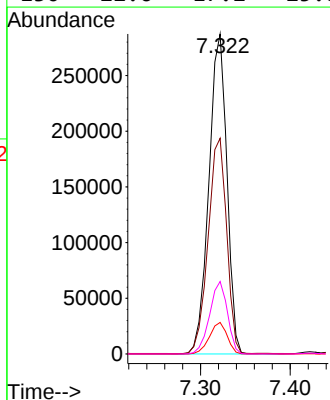
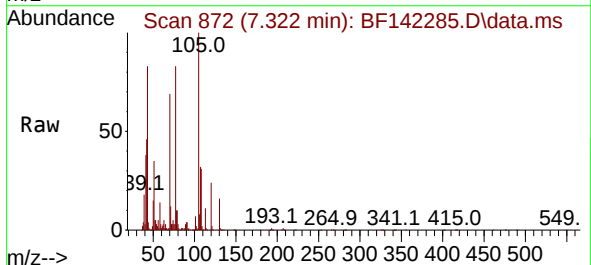
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

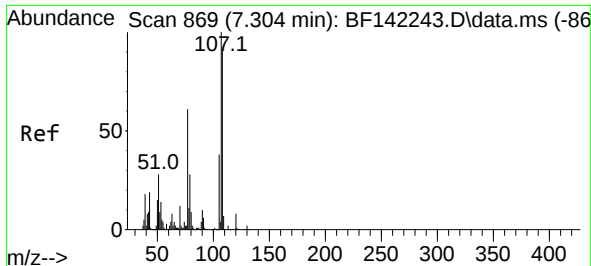
Tgt Ion:117 Resp: 208011
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7
201 95.9 79.4 119.2



#19
n-Nitroso-di-n-propylamine
Concen: 39.872 ng
RT: 7.322 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion: 70 Resp: 400149
Ion Ratio Lower Upper
70 100
42 67.4 53.4 80.2
101 9.9 7.7 11.5
130 22.6 17.2 25.8

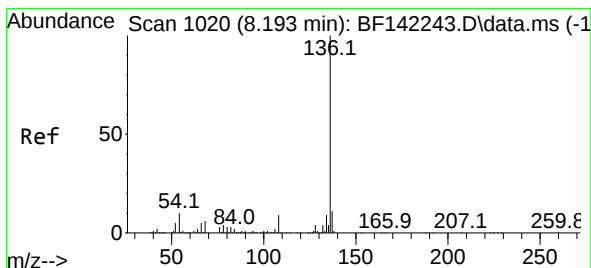
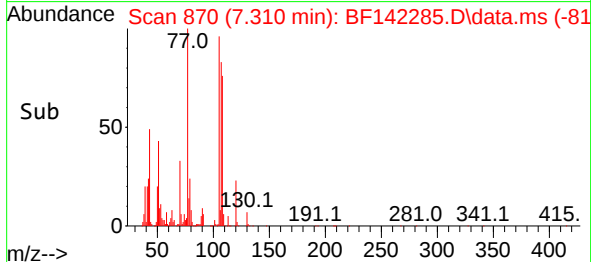
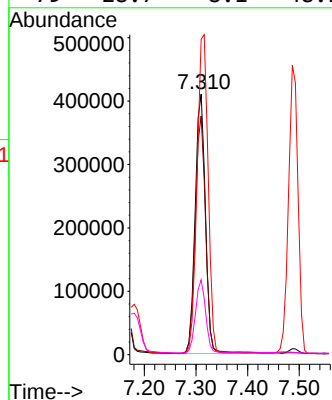
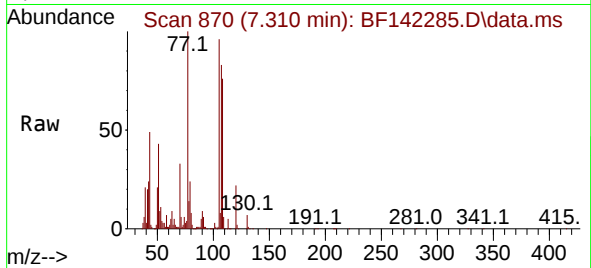




#20
3+4-Methylphenols
Concen: 39.788 ng
RT: 7.310 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

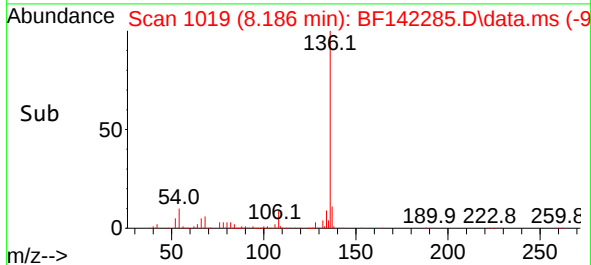
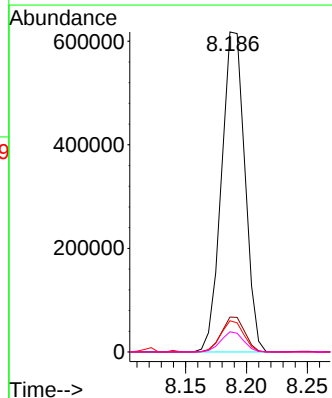
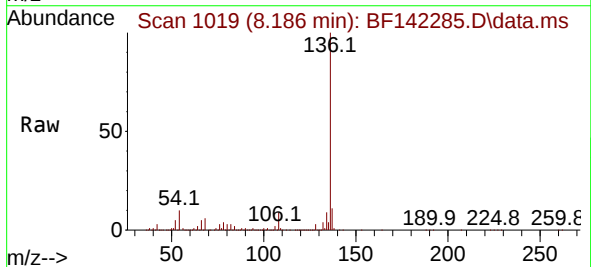
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

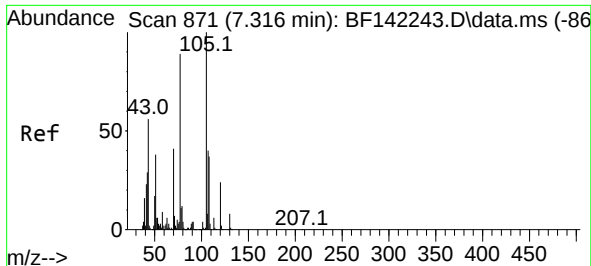
Tgt Ion:107 Resp: 566468
Ion Ratio Lower Upper
107 100
108 91.6 71.2 111.2
77 121.0 41.1 81.1#
79 28.7 8.1 48.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:136 Resp: 826459
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.8 7.7 11.5
68 6.3 5.0 7.6



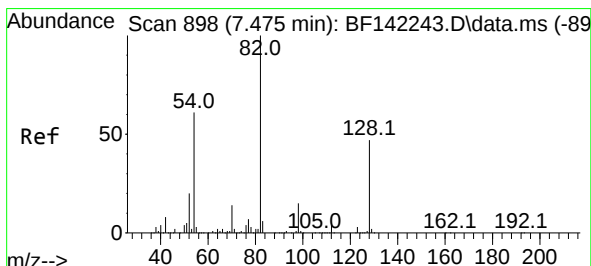
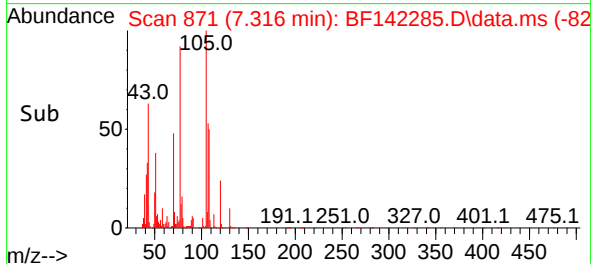
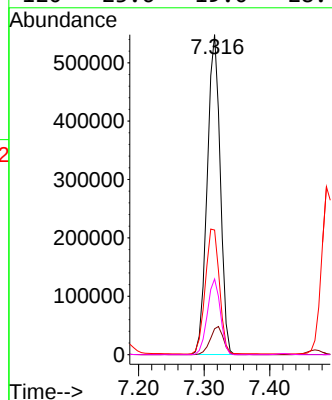
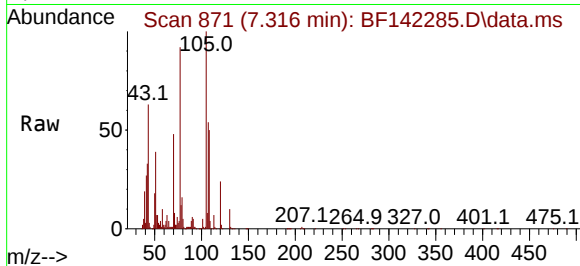


#22
Acetophenone
Concen: 39.573 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Instrument :
BNA_F
ClientSampleId :
WC-12MSD

Tgt Ion:105 Resp: 756620

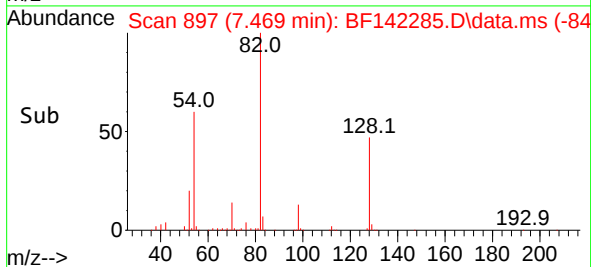
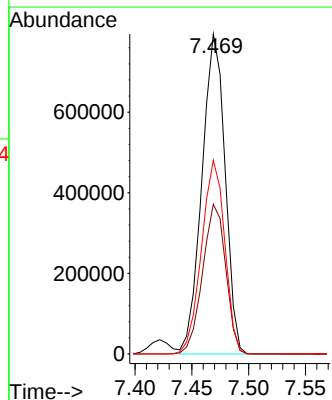
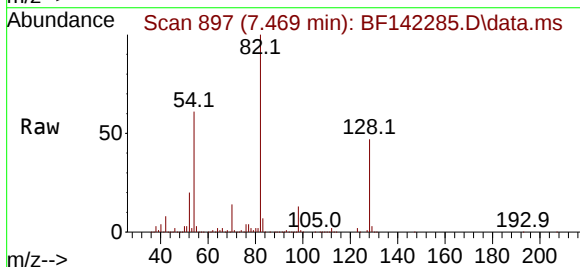
Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.7	8.5
51	38.9	30.1	45.1
120	23.6	19.0	28.4

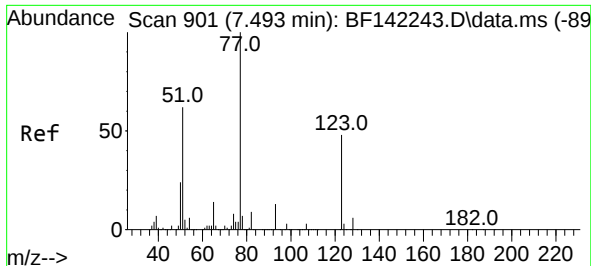


#23
Nitrobenzene-d5
Concen: 89.127 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion: 82 Resp: 1121196

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.0	55.6
54	60.6	48.0	72.0

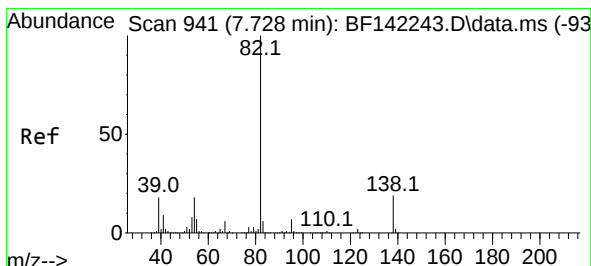
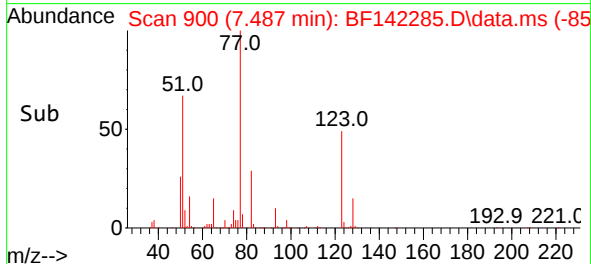
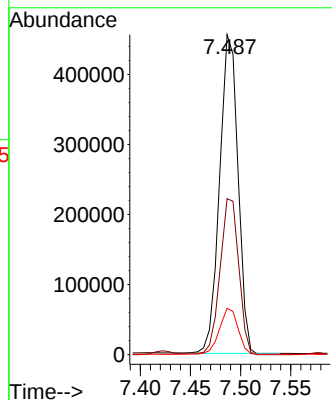
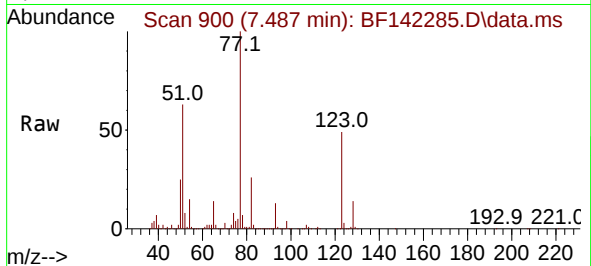




#24
Nitrobenzene
Concen: 47.113 ng
RT: 7.487 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

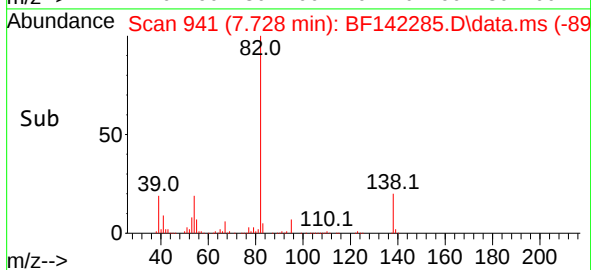
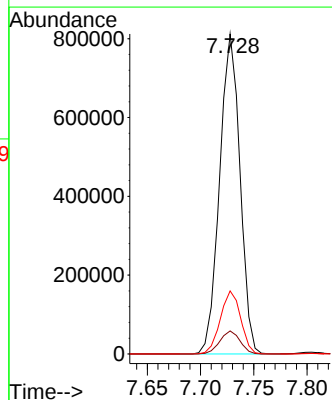
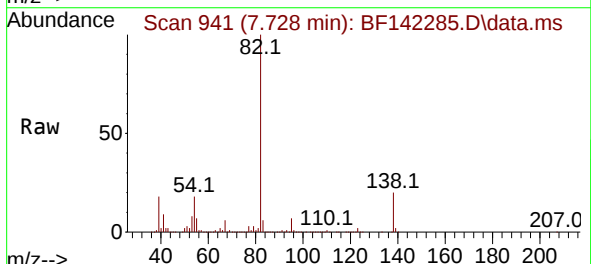
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

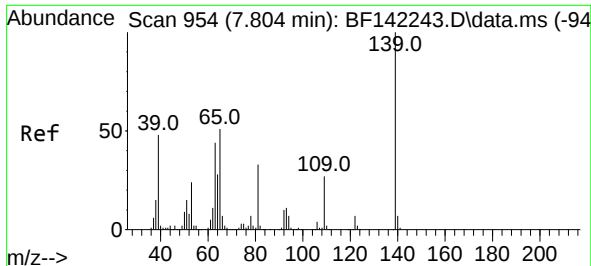
Tgt Ion: 77 Resp: 581532
Ion Ratio Lower Upper
77 100
123 48.8 38.6 58.0
65 14.5 11.5 17.3



#25
Isophorone
Concen: 40.808 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion: 82 Resp: 1077403
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.7 15.3 22.9

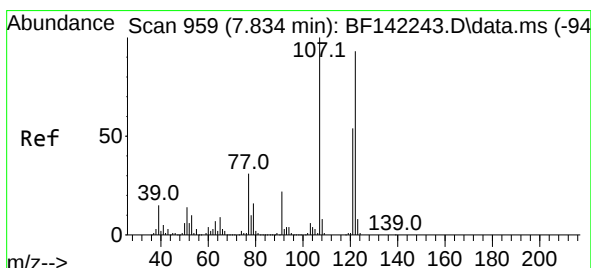
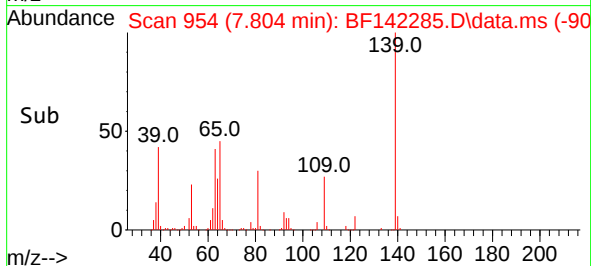
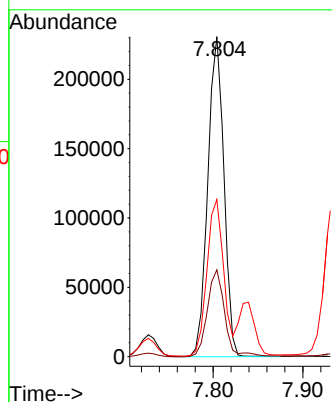
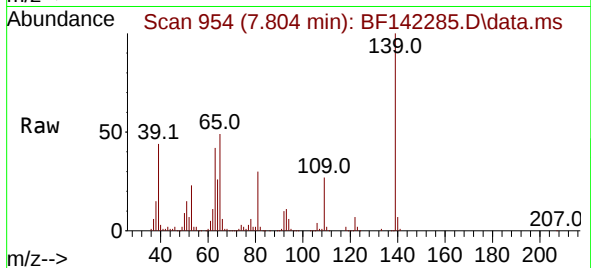




#26
2-Nitrophenol
Concen: 53.784 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

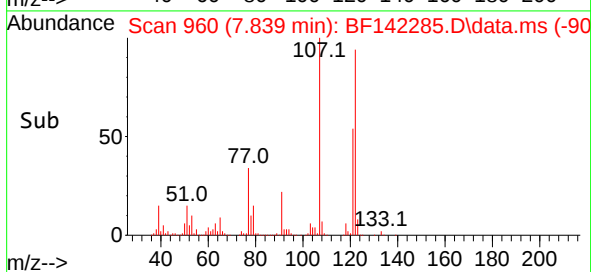
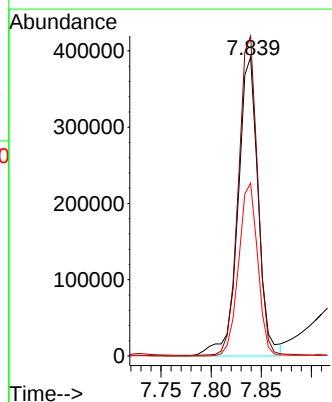
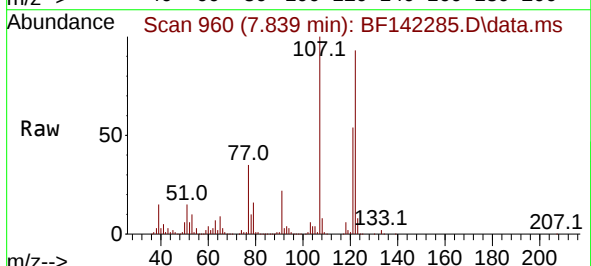
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

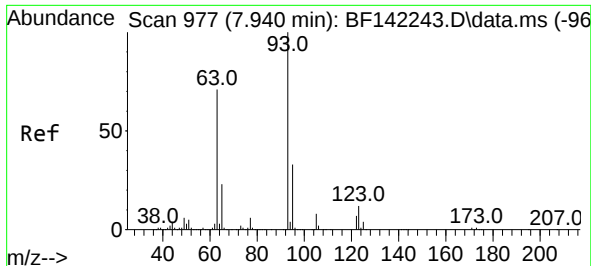
Tgt Ion:139 Resp: 287766
Ion Ratio Lower Upper
139 100
109 27.1 21.8 32.8
65 49.1 41.1 61.7



#27
2,4-Dimethylphenol
Concen: 41.521 ng
RT: 7.839 min Scan# 960
Delta R.T. 0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:122 Resp: 552696
Ion Ratio Lower Upper
122 100
107 107.0 86.0 129.0
121 57.8 46.3 69.5

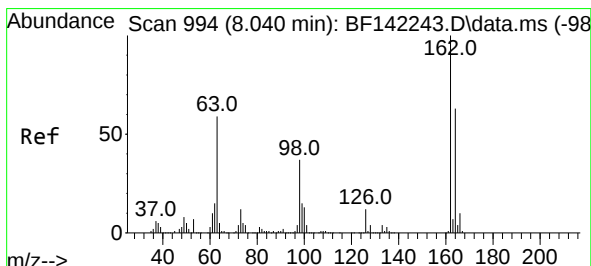
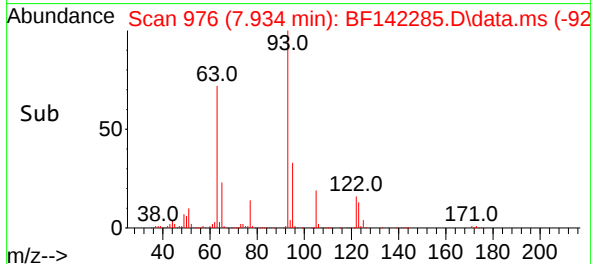
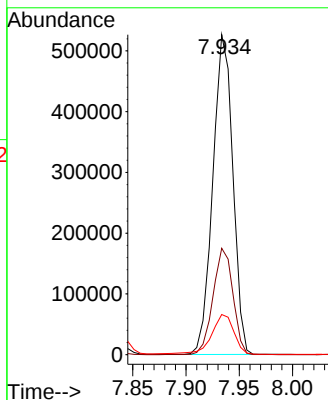
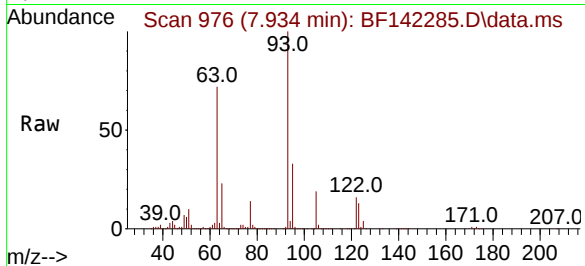




#28
bis(2-Chloroethoxy)methane
Concen: 41.192 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

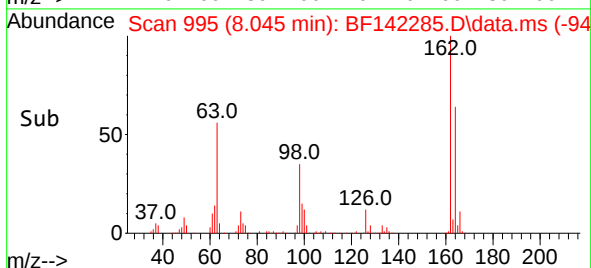
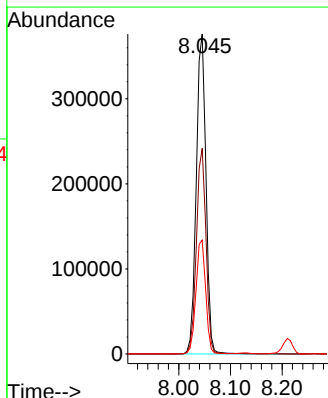
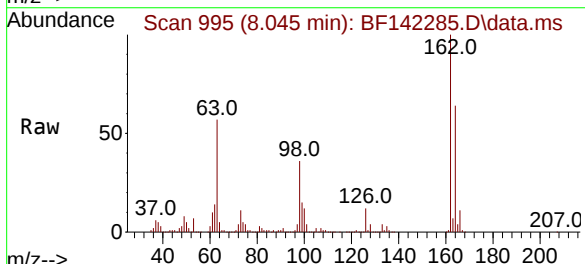
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

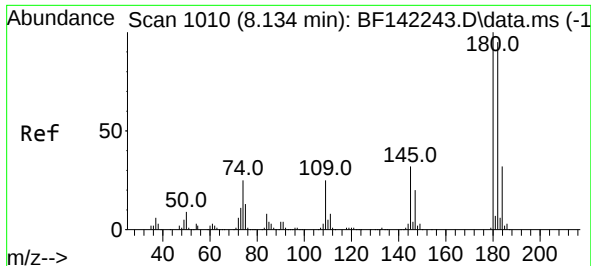
Tgt Ion: 93 Resp: 685882
Ion Ratio Lower Upper
93 100
95 33.2 26.2 39.2
123 12.6 9.7 14.5



#29
2,4-Dichlorophenol
Concen: 43.969 ng
RT: 8.045 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:162 Resp: 489328
Ion Ratio Lower Upper
162 100
164 64.2 43.0 83.0
98 35.6 16.7 56.7





#30

1,2,4-Trichlorobenzene

Concen: 40.552 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

WC-12MSD

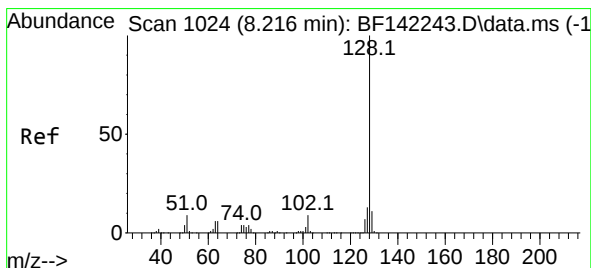
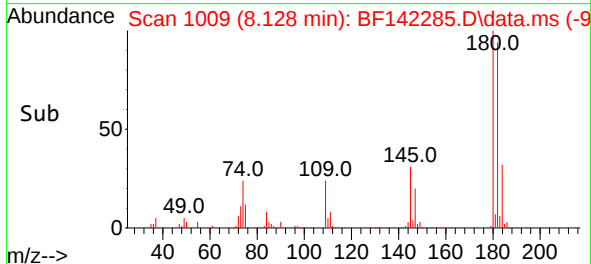
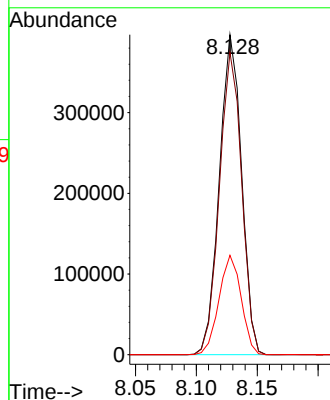
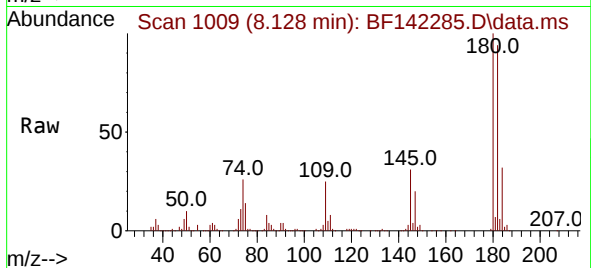
Tgt Ion:180 Resp: 503606

Ion Ratio Lower Upper

180 100

182 94.4 75.7 113.5

145 31.1 25.4 38.0



#31

Naphthalene

Concen: 39.864 ng

RT: 8.210 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

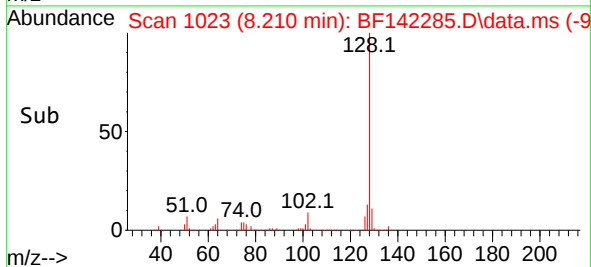
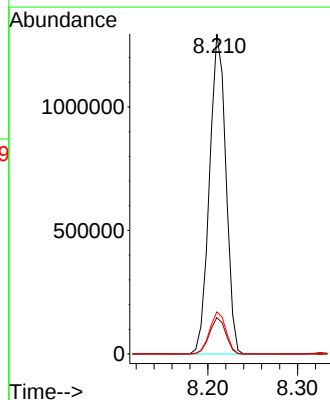
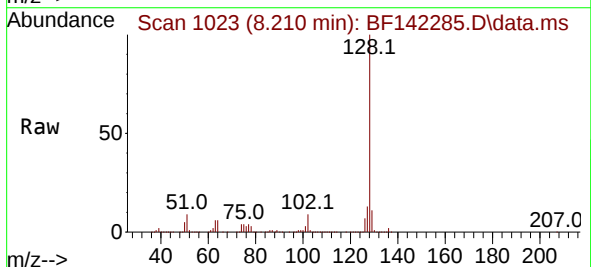
Tgt Ion:128 Resp: 1643033

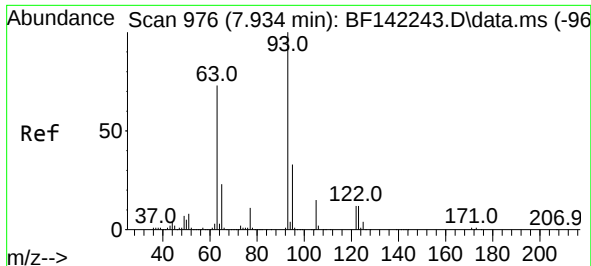
Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

127 13.1 10.6 15.8

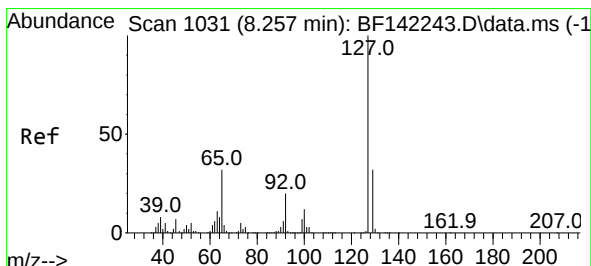
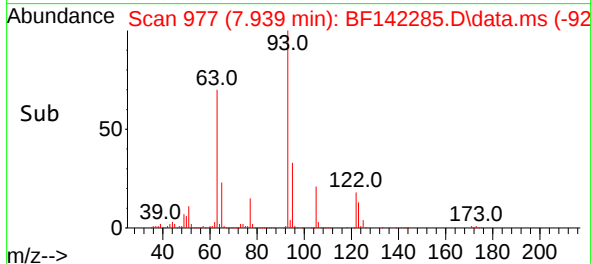
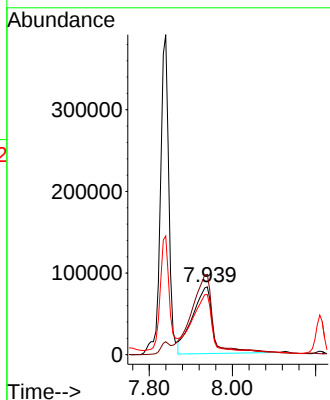
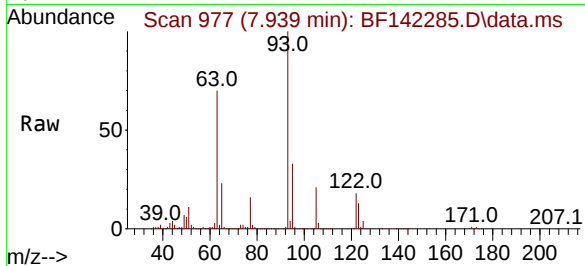




#32
Benzoic acid
Concen: 45.888 ng
RT: 7.939 min Scan# 91
Delta R.T. 0.005 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

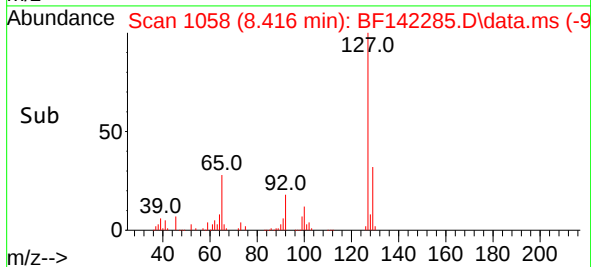
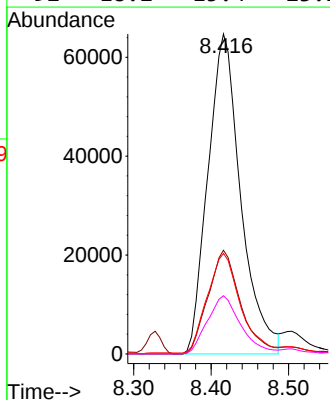
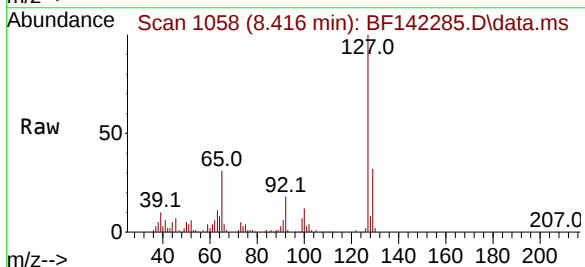
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

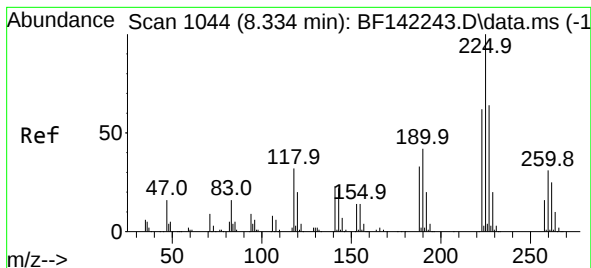
Tgt Ion:122 Resp: 286766
Ion Ratio Lower Upper
122 100
105 118.3 98.2 138.2
77 88.8 66.8 106.8



#33
4-Chloroaniline
Concen: 11.127 ng
RT: 8.416 min Scan# 1058
Delta R.T. 0.159 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:127 Resp: 190968
Ion Ratio Lower Upper
127 100
129 32.4 26.1 39.1
65 31.4 25.5 38.3
92 18.2 15.4 23.2





#34

Hexachlorobutadiene

Concen: 41.095 ng

RT: 8.328 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

WC-12MSD

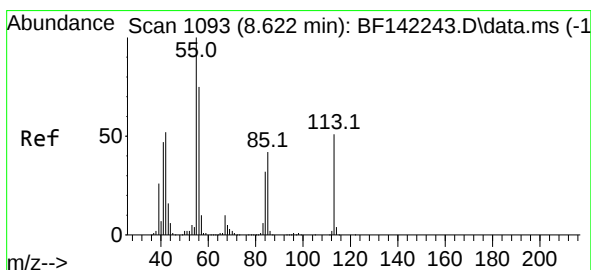
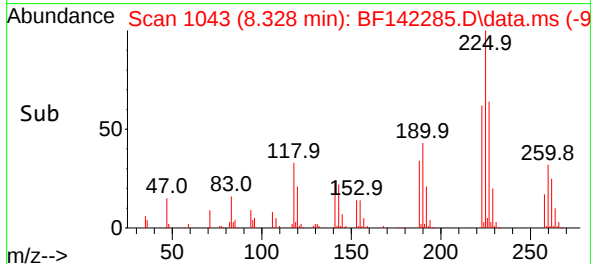
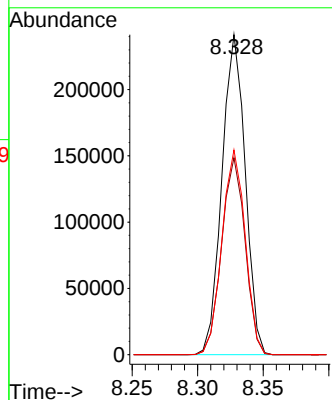
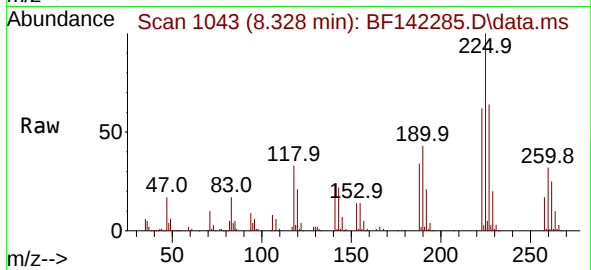
Tgt Ion:225 Resp: 297755

Ion Ratio Lower Upper

225 100

223 61.5 49.7 74.5

227 63.9 51.0 76.4



#35

Caprolactam

Concen: 28.269 ng

RT: 8.628 min Scan# 1094

Delta R.T. 0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

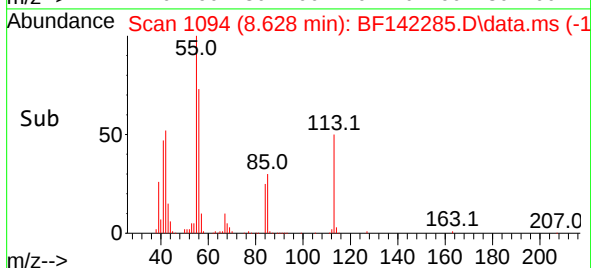
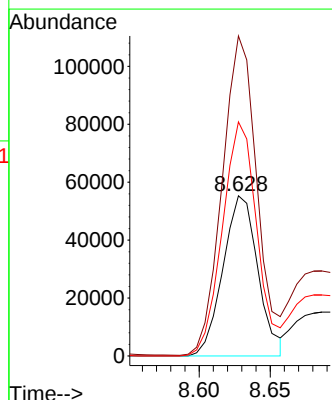
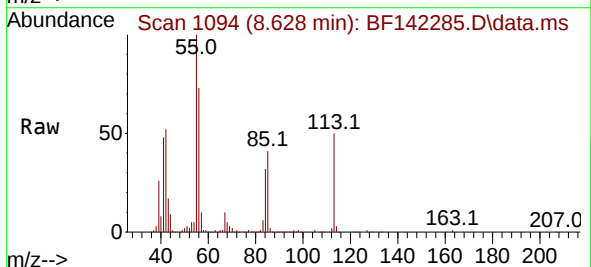
Tgt Ion:113 Resp: 94562

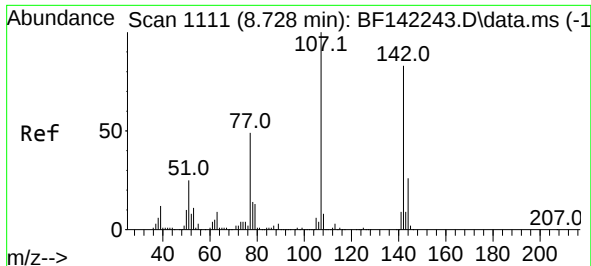
Ion Ratio Lower Upper

113 100

55 199.9 177.7 217.7

56 146.2 127.1 167.1

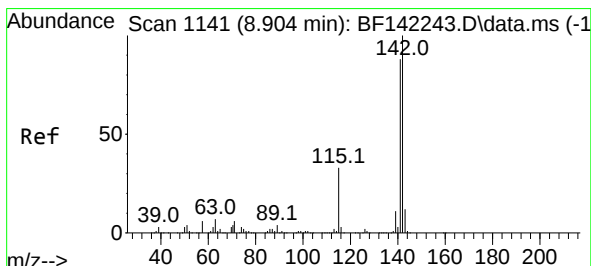
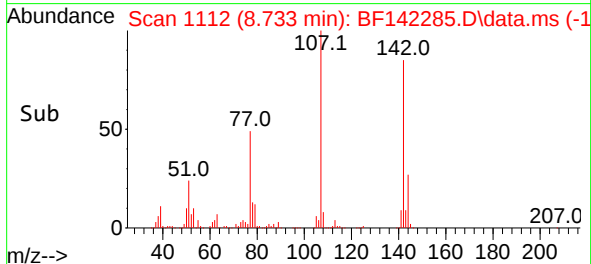
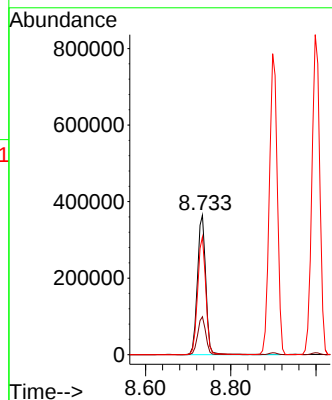
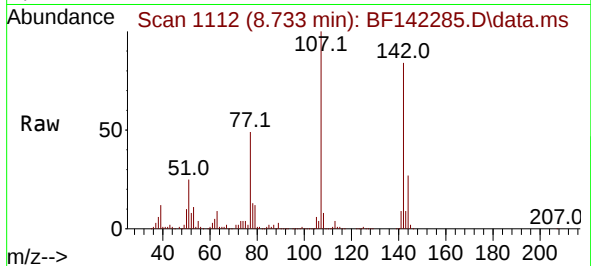




#36
 4-Chloro-3-methylphenol
 Concen: 43.090 ng
 RT: 8.733 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: BF142285.D
 Acq: 02 May 2025 17:18

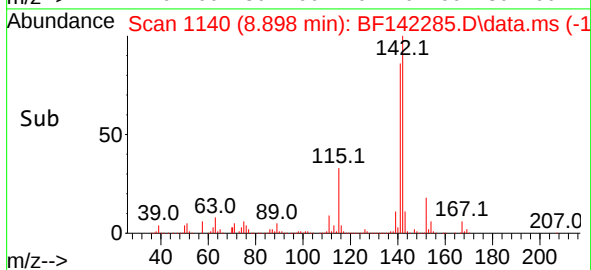
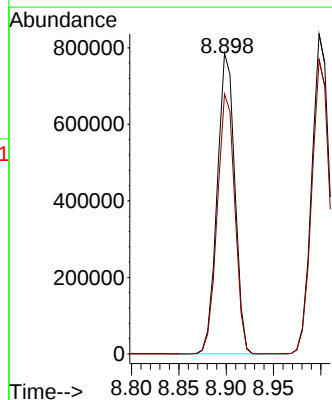
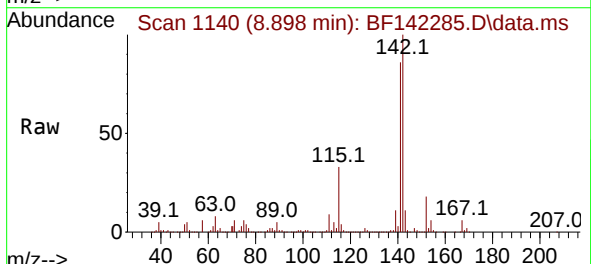
Instrument :
 BNA_F
 ClientSampleId :
 WC-12MSD

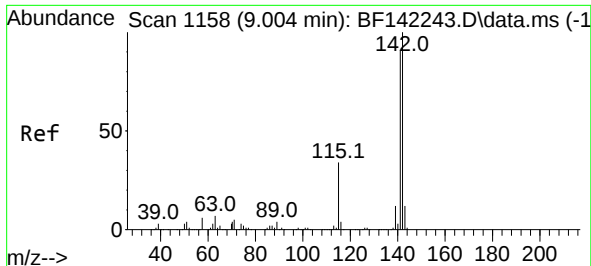
Tgt Ion:107 Resp: 492414
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.0 31.4
 142 84.5 66.1 99.1



#37
 2-Methylnaphthalene
 Concen: 40.145 ng
 RT: 8.898 min Scan# 1140
 Delta R.T. -0.006 min
 Lab File: BF142285.D
 Acq: 02 May 2025 17:18

Tgt Ion:142 Resp: 1017321
 Ion Ratio Lower Upper
 142 100
 141 86.4 70.5 105.7





#38

1-Methylnaphthalene

Concen: 40.784 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

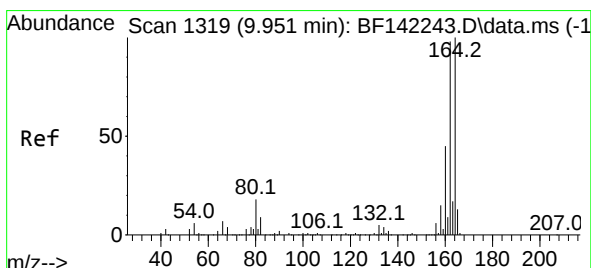
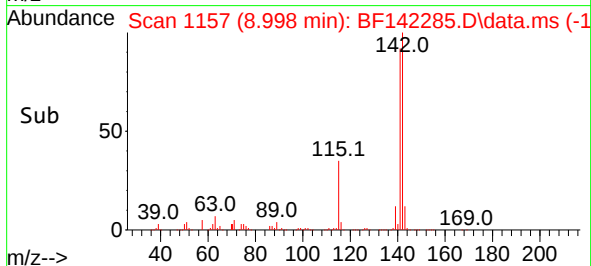
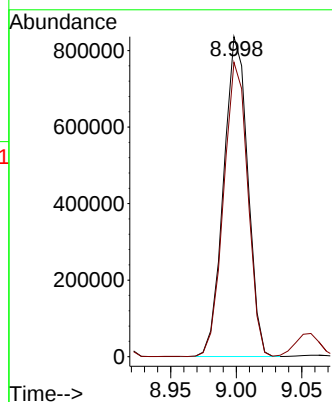
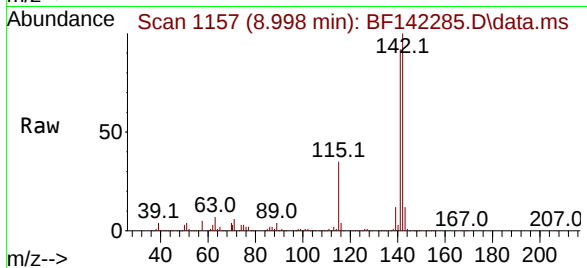
WC-12MSD

Tgt Ion:142 Resp: 1070660

Ion Ratio Lower Upper

142 100

141 92.0 72.8 109.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

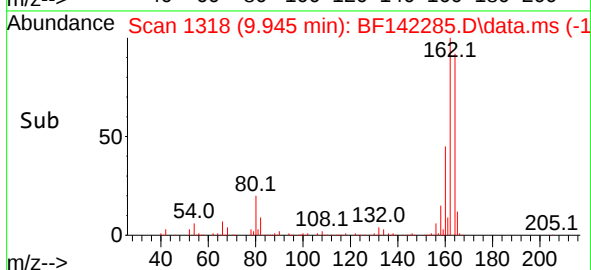
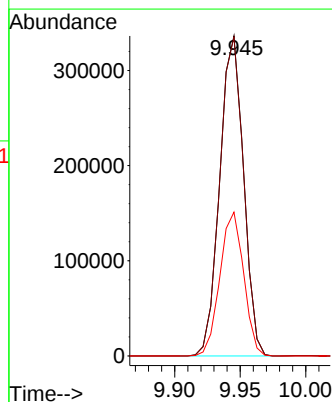
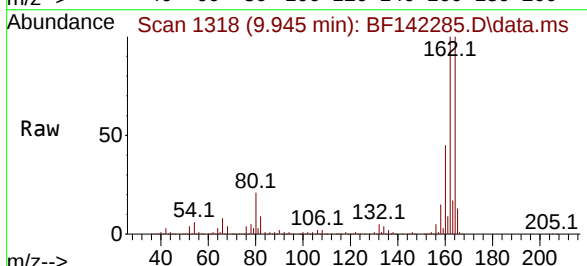
Tgt Ion:164 Resp: 423460

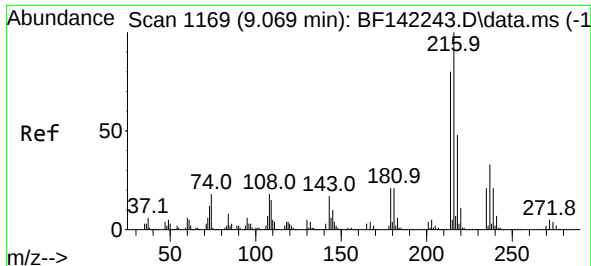
Ion Ratio Lower Upper

164 100

162 99.6 78.6 117.8

160 44.9 35.7 53.5

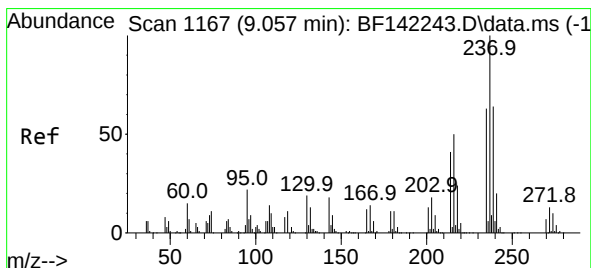
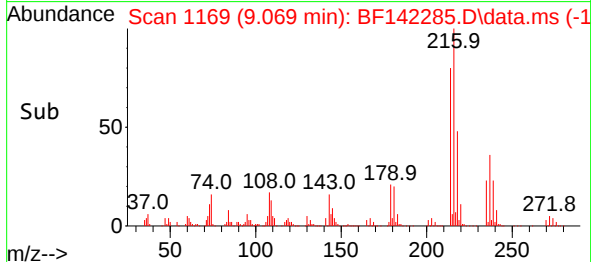
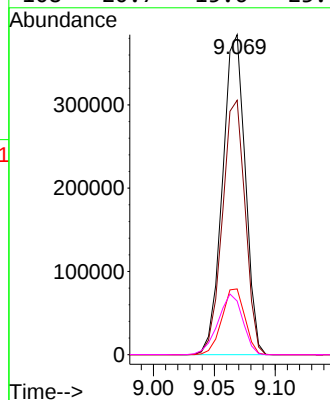
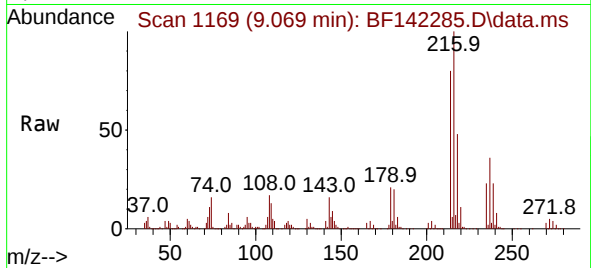




#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.883 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

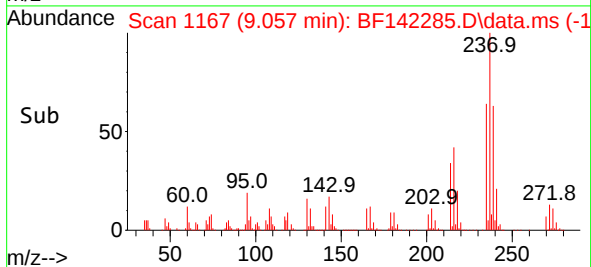
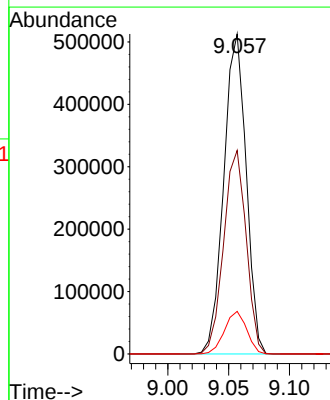
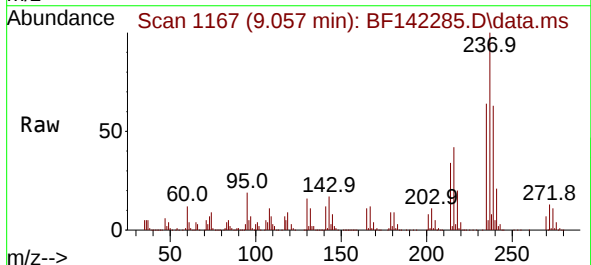
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

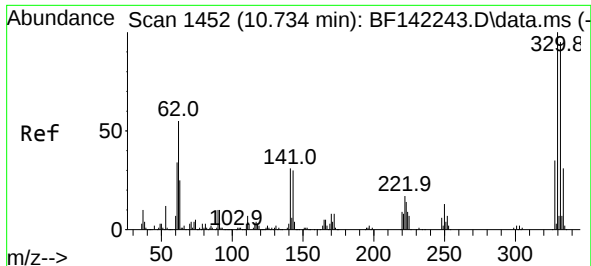
Tgt Ion:216 Resp: 499146
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.6
179 20.8 16.7 25.1
108 20.7 15.6 23.4



#41
Hexachlorocyclopentadiene
Concen: 96.887 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:237 Resp: 655323
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 13.3 0.0 32.9





#42

2,4,6-Tribromophenol

Concen: 146.204 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

WC-12MSD

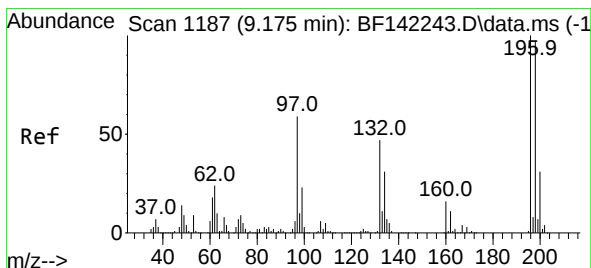
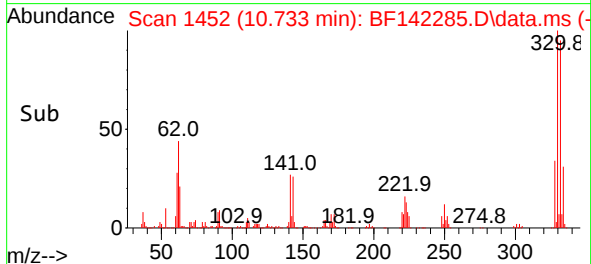
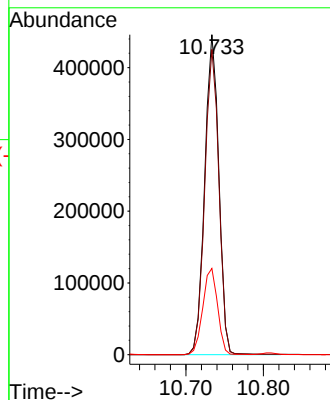
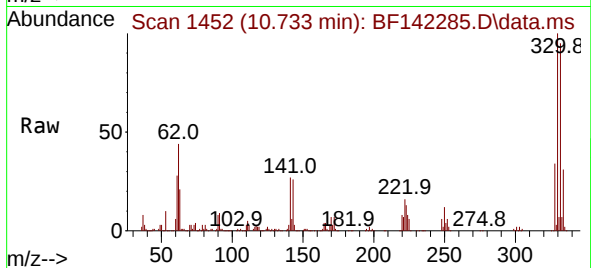
Tgt Ion:330 Resp: 564410

Ion Ratio Lower Upper

330 100

332 95.6 76.5 114.7

141 28.2 24.3 36.5



#43

2,4,6-Trichlorophenol

Concen: 47.611 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

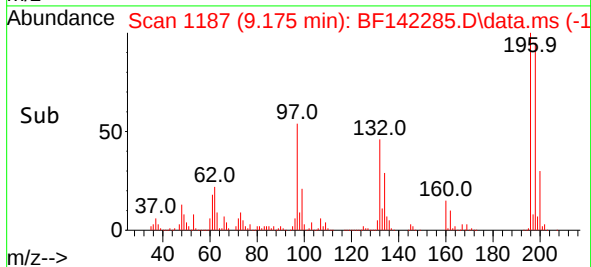
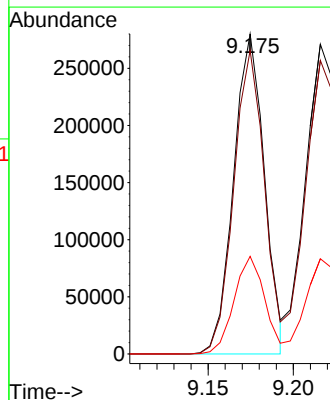
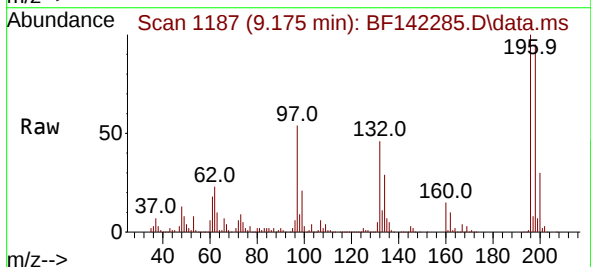
Tgt Ion:196 Resp: 351600

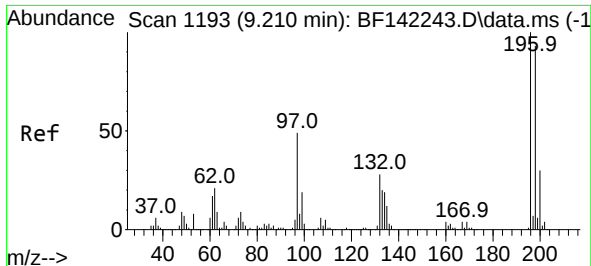
Ion Ratio Lower Upper

196 100

198 94.8 77.4 116.2

200 30.5 24.6 37.0

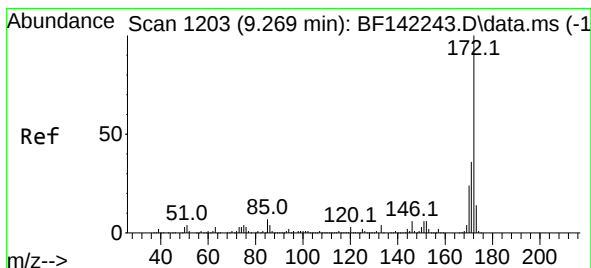
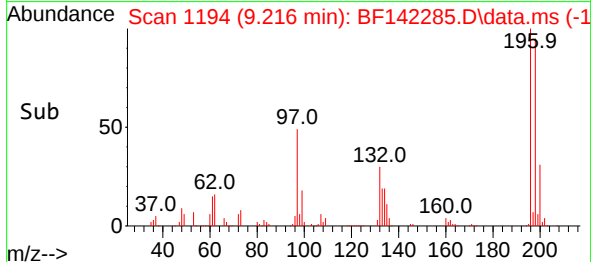
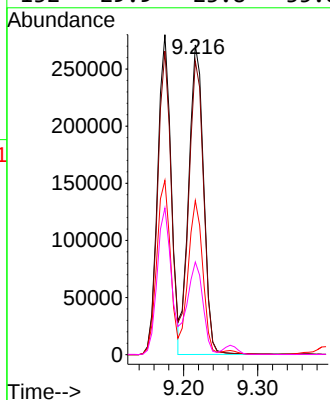
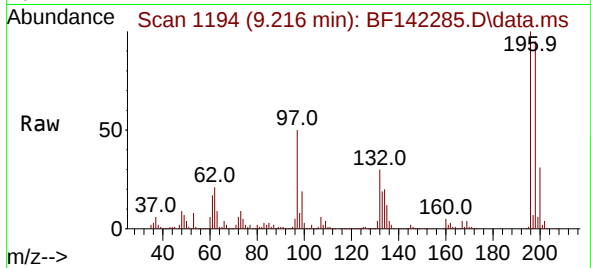




#44
2,4,5-Trichlorophenol
Concen: 48.579 ng
RT: 9.216 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

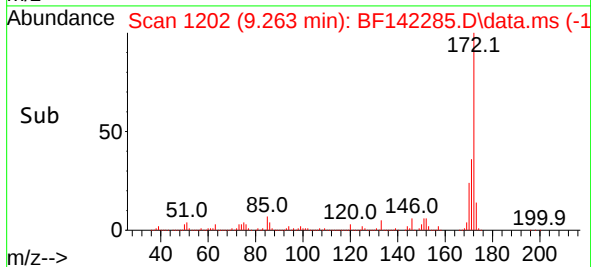
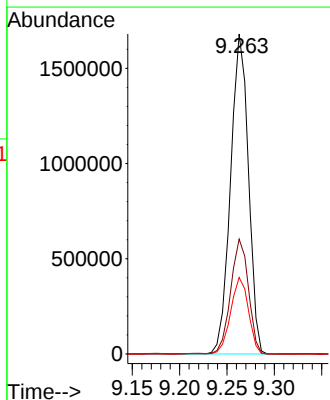
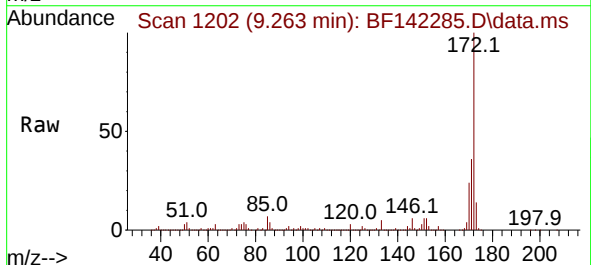
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

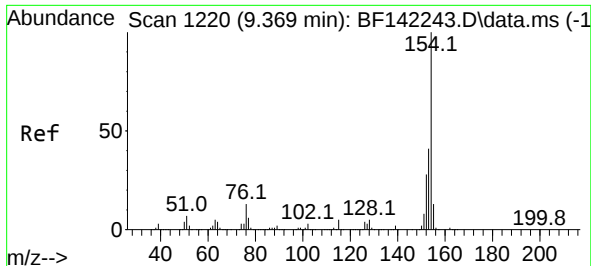
Tgt Ion:196 Resp: 377182
Ion Ratio Lower Upper
196 100
198 94.8 75.2 112.8
97 49.8 39.8 59.8
132 29.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 73.245 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:172 Resp: 2199782
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.9 19.4 29.0





#46

1,1'-Biphenyl

Concen: 42.266 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

WC-12MSD

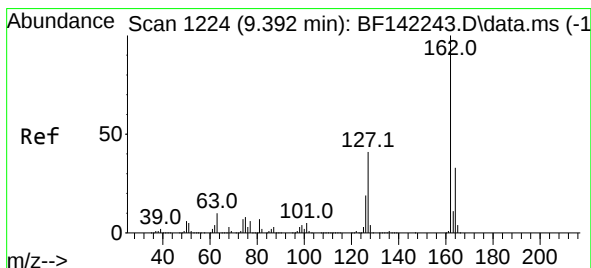
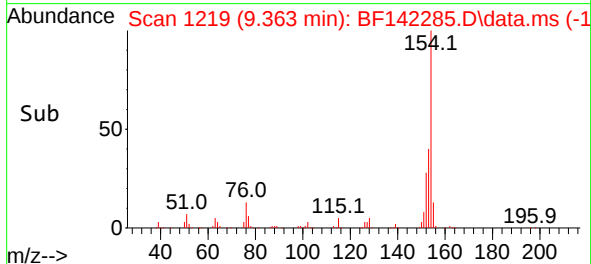
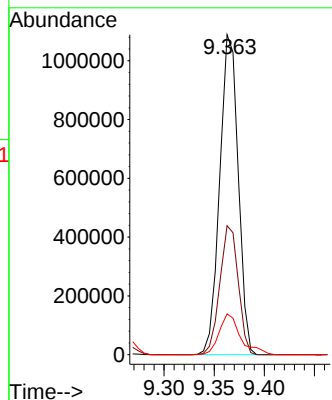
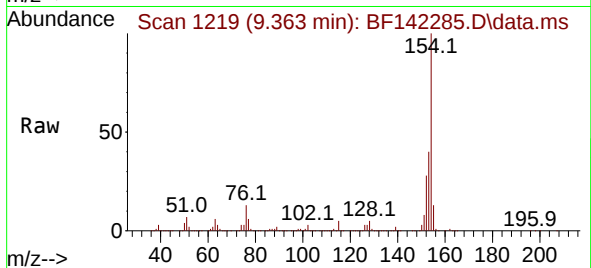
Tgt Ion:154 Resp: 1391415

Ion Ratio Lower Upper

154 100

153 40.3 20.5 60.5

76 12.8 0.0 32.8



#47

2-Chloronaphthalene

Concen: 42.045 ng

RT: 9.392 min Scan# 1224

Delta R.T. -0.000 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

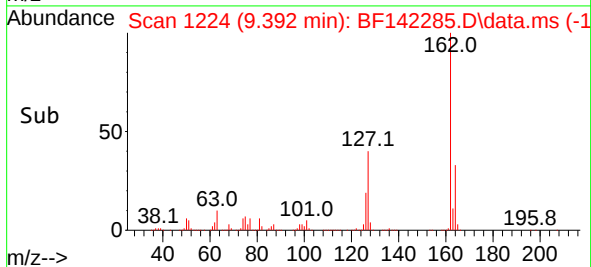
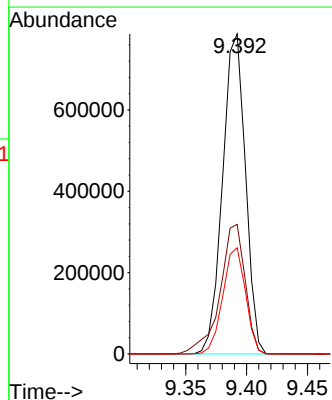
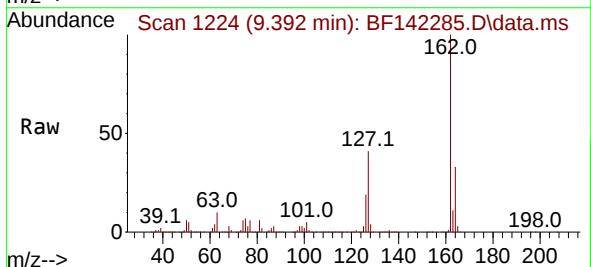
Tgt Ion:162 Resp: 1029786

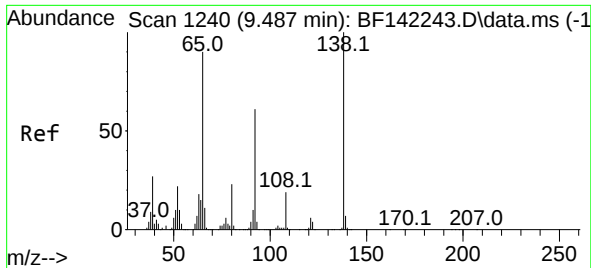
Ion Ratio Lower Upper

162 100

127 40.5 32.6 49.0

164 33.2 26.1 39.1

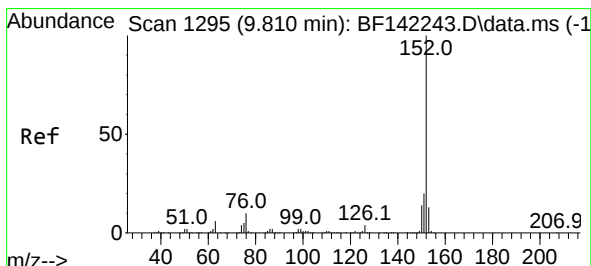
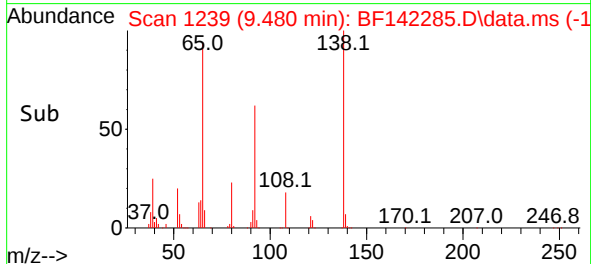
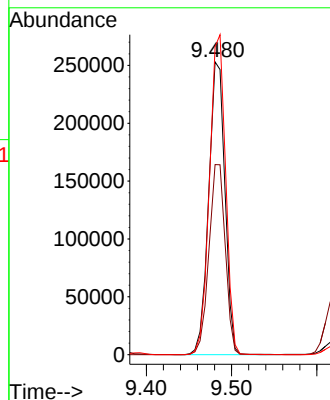
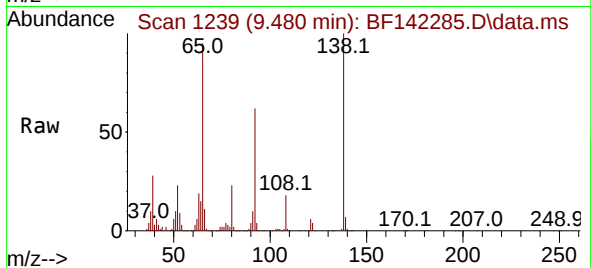




#48
2-Nitroaniline
Concen: 51.541 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.007 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

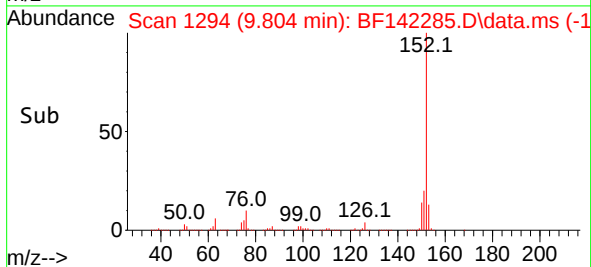
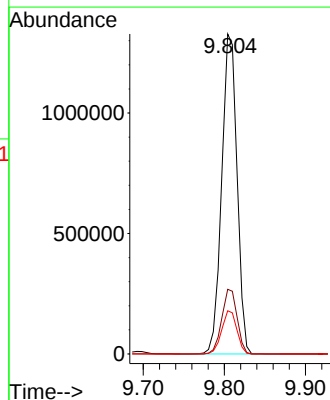
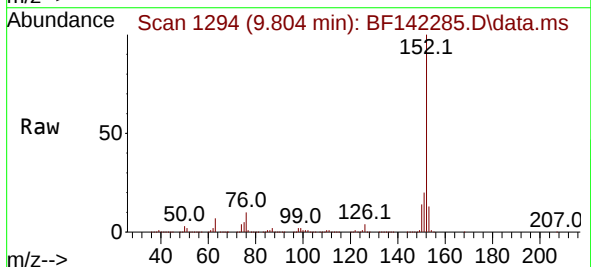
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

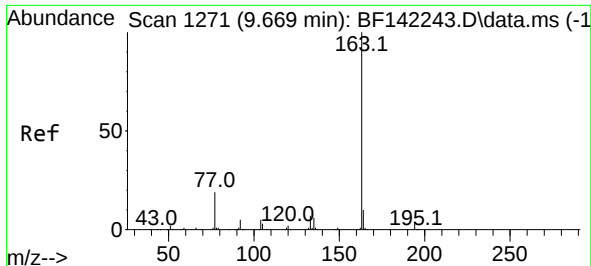
Tgt Ion: 65 Resp: 335423
Ion Ratio Lower Upper
65 100
92 64.9 54.3 81.5
138 105.2 88.6 133.0



#49
Acenaphthylene
Concen: 42.210 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion: 152 Resp: 1744556
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.5 10.7 16.1

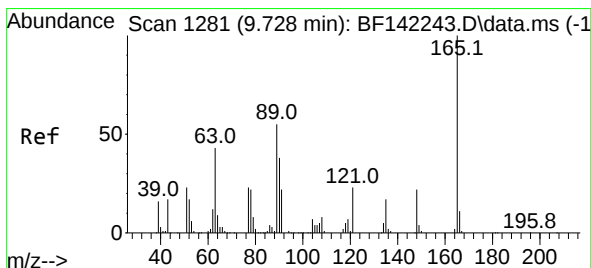
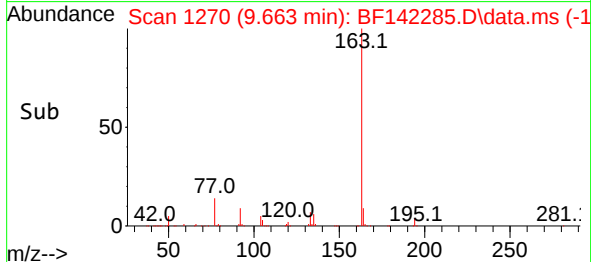
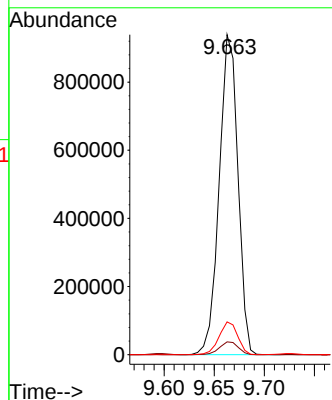
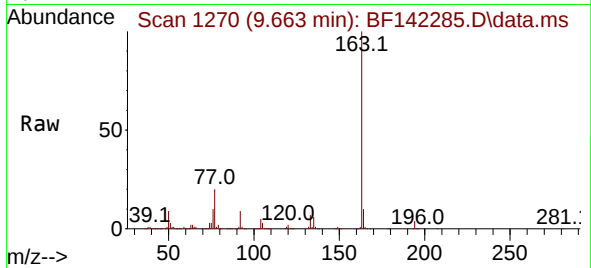




#50
Dimethylphthalate
Concen: 44.924 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

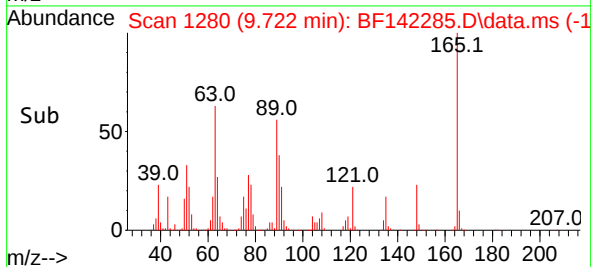
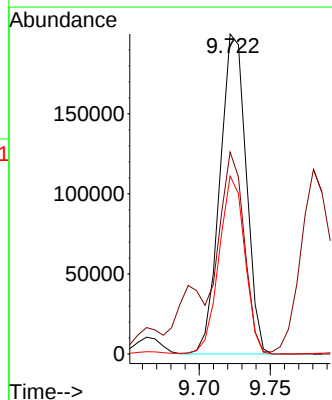
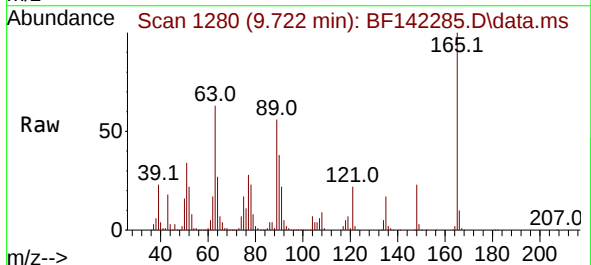
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

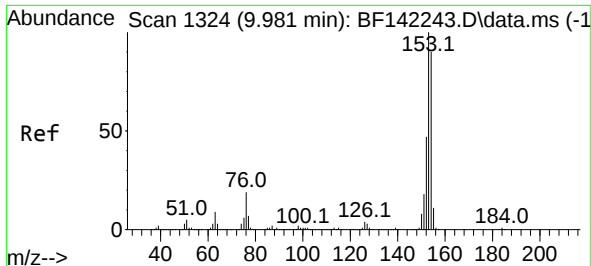
Tgt Ion:163 Resp: 1217017
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 49.358 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

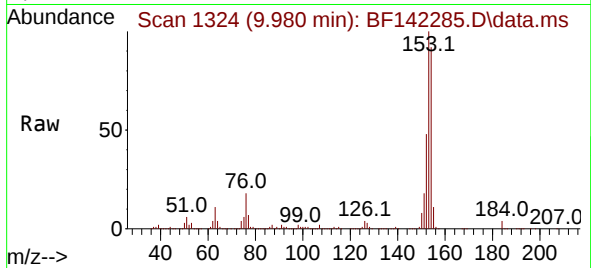
Tgt Ion:165 Resp: 257114
Ion Ratio Lower Upper
165 100
63 63.1 48.5 72.7
89 55.6 43.9 65.9





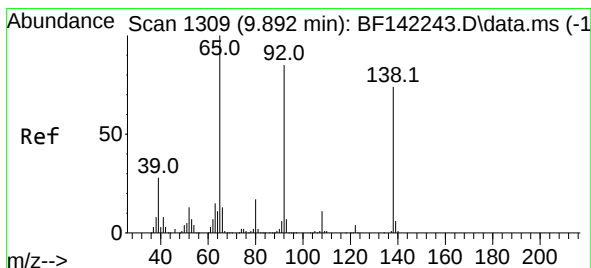
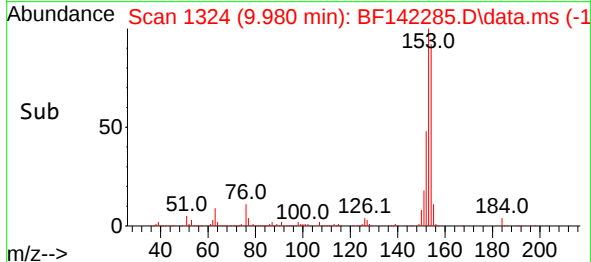
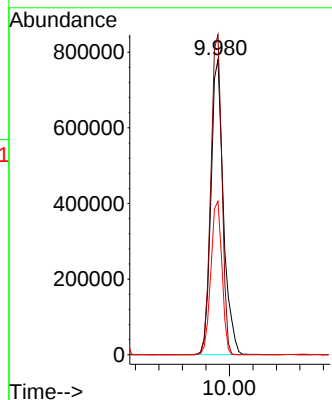
#52
Acenaphthene
Concen: 47.747 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Instrument :
BNA_F
ClientSampleId :
WC-12MSD



Tgt Ion:154 Resp: 1152256

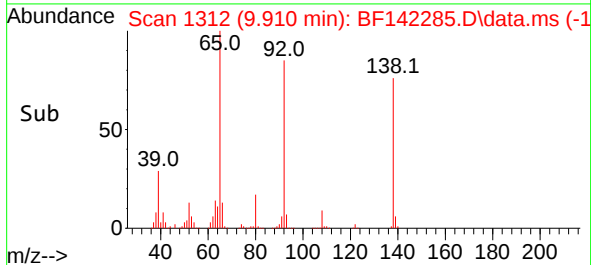
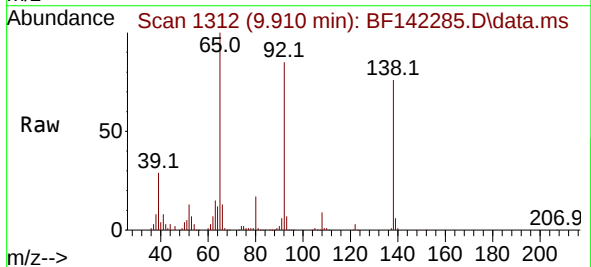
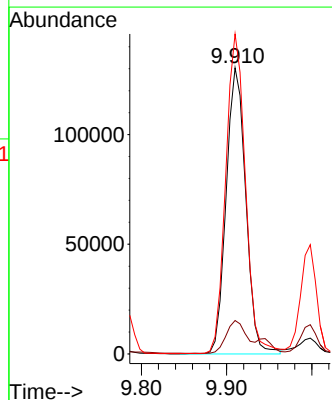
Ion	Ratio	Lower	Upper
154	100		
153	108.5	88.6	133.0
152	52.1	42.1	63.1

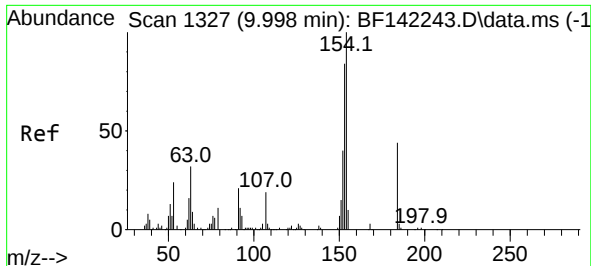


#53
3-Nitroaniline
Concen: 34.010 ng
RT: 9.910 min Scan# 1312
Delta R.T. 0.018 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:138 Resp: 208685

Ion	Ratio	Lower	Upper
138	100		
108	11.7	11.7	17.5
92	111.8	91.2	136.8

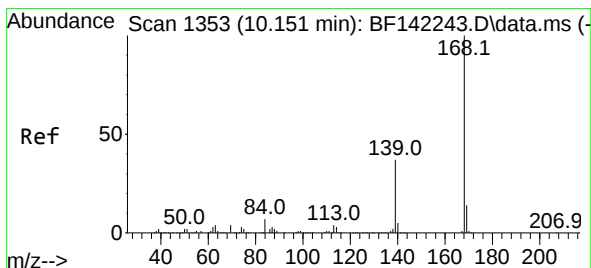
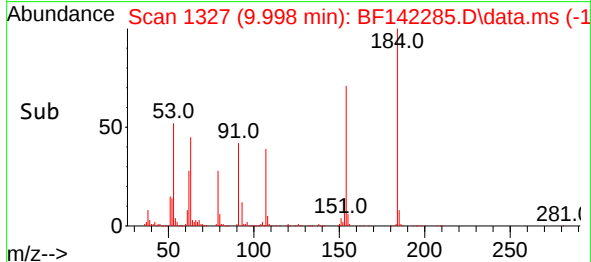
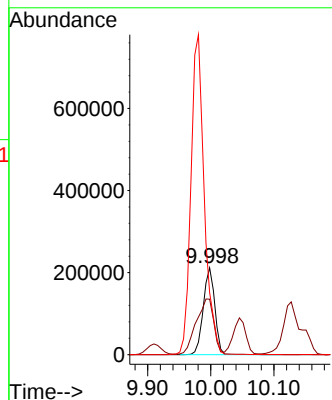
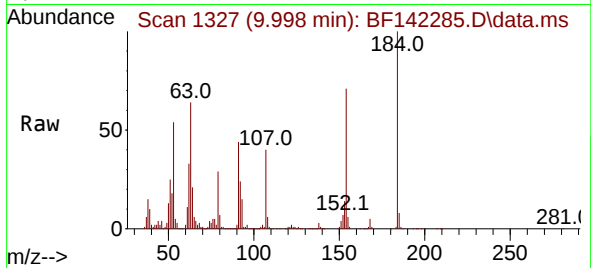




#54
2,4-Dinitrophenol
Concen: 118.336 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

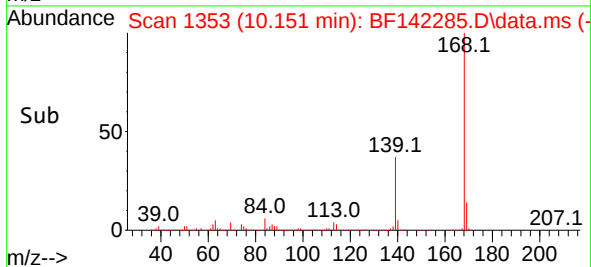
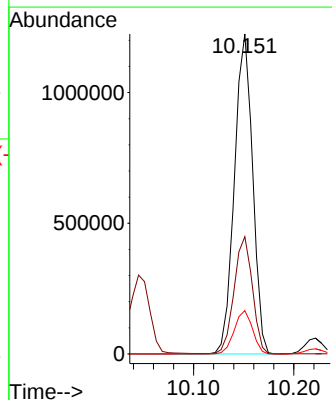
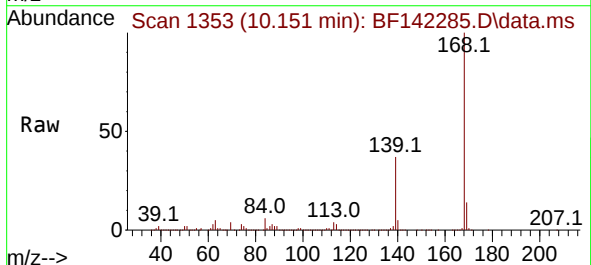
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

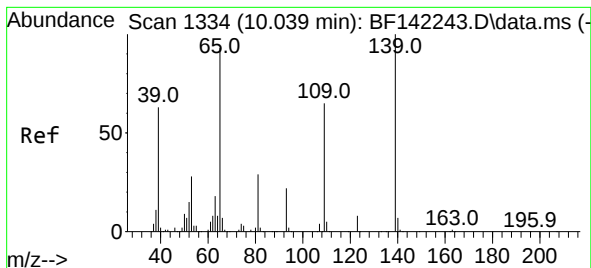
Tgt Ion:184 Resp: 268773
Ion Ratio Lower Upper
184 100
63 63.9 69.2 103.8#
154 71.5 271.4 407.2#



#55
Dibenzofuran
Concen: 42.833 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:168 Resp: 1549472
Ion Ratio Lower Upper
168 100
139 36.6 29.4 44.0
169 13.6 11.0 16.4

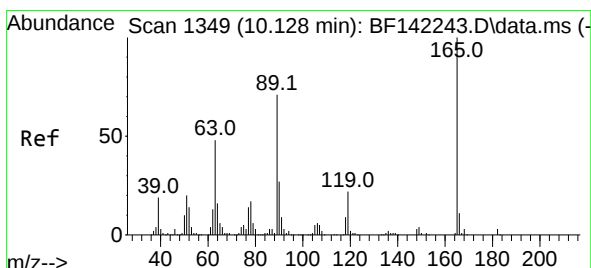
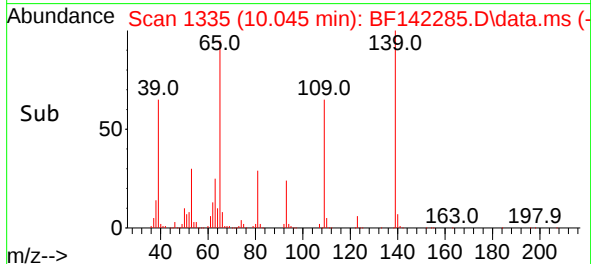
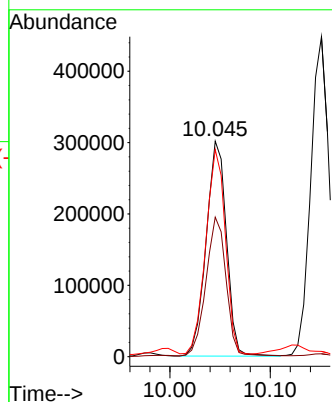
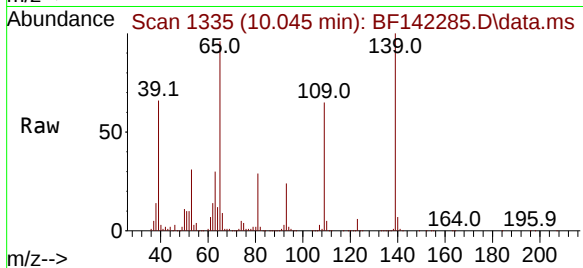




#56
4-Nitrophenol
Concen: 99.480 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

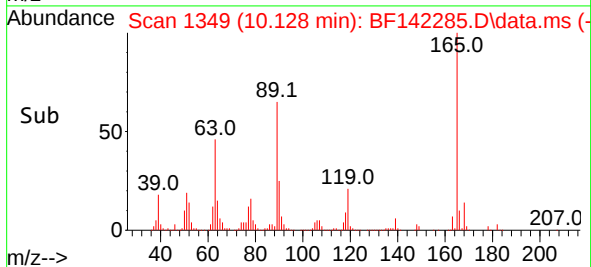
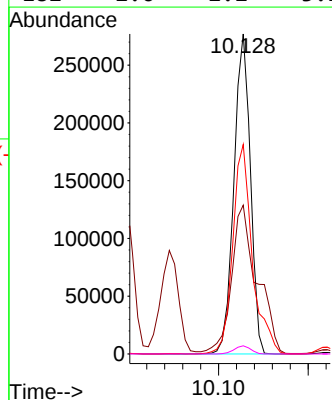
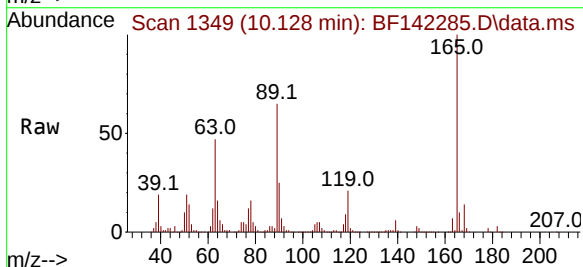
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

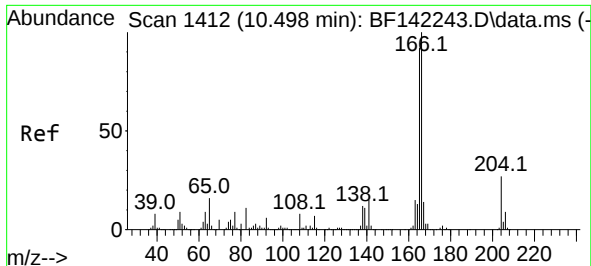
Tgt Ion:139 Resp: 423607
Ion Ratio Lower Upper
139 100
109 64.7 44.9 84.9
65 96.0 74.7 114.7



#57
2,4-Dinitrotoluene
Concen: 55.145 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.001 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:165 Resp: 352124
Ion Ratio Lower Upper
165 100
63 46.5 38.8 58.2
89 65.5 57.1 85.7
182 2.6 2.2 3.2

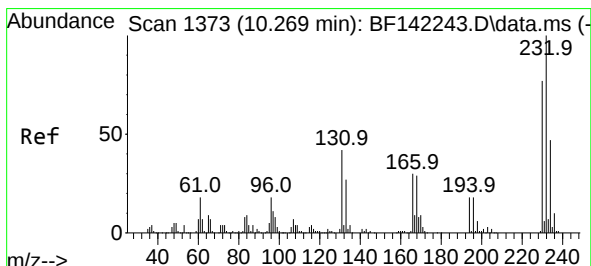
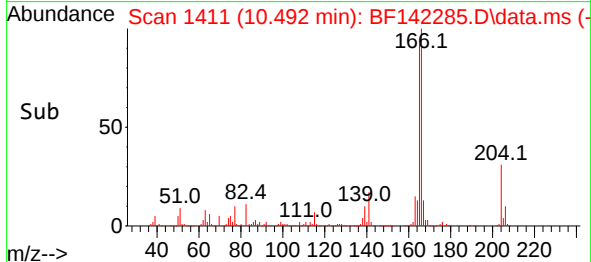
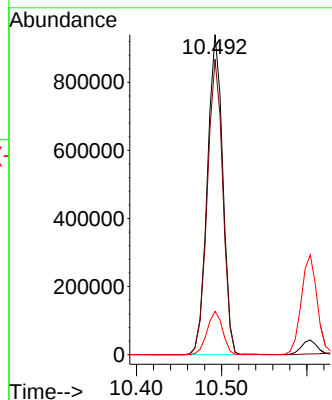
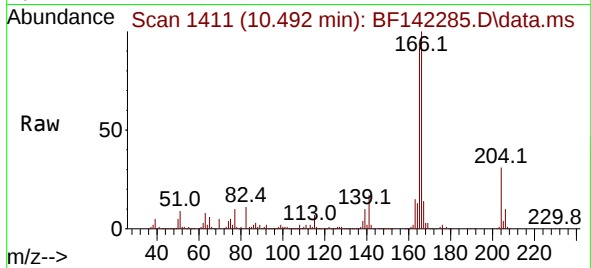




#58
 Fluorene
 Concen: 42.964 ng
 RT: 10.492 min Scan# 1411
 Delta R.T. -0.006 min
 Lab File: BF142285.D
 Acq: 02 May 2025 17:18

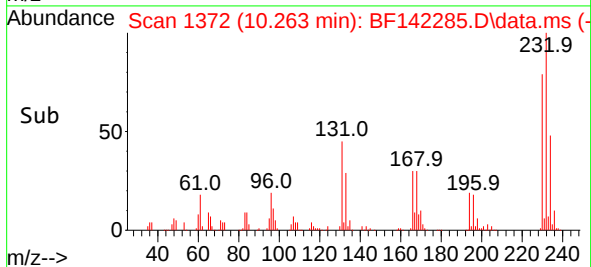
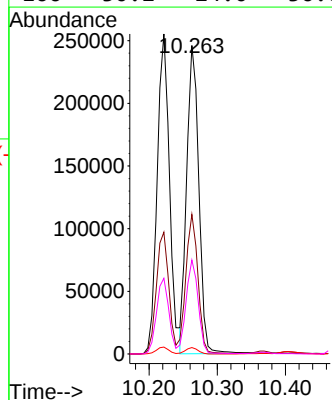
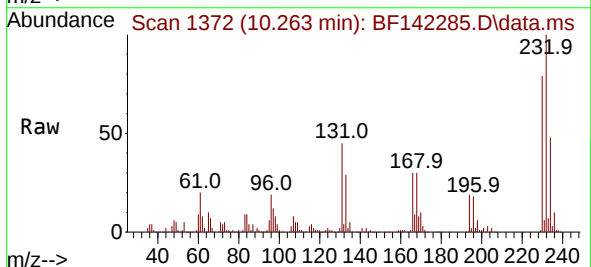
Instrument :
 BNA_F
 ClientSampleId :
 WC-12MSD

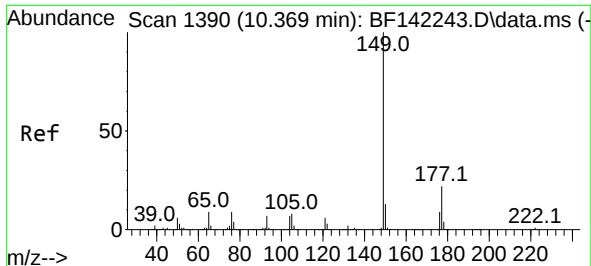
Tgt Ion:166 Resp: 1181775
 Ion Ratio Lower Upper
 166 100
 165 92.3 73.9 110.9
 167 13.5 10.8 16.2



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.193 ng
 RT: 10.263 min Scan# 1372
 Delta R.T. -0.006 min
 Lab File: BF142285.D
 Acq: 02 May 2025 17:18

Tgt Ion:232 Resp: 303523
 Ion Ratio Lower Upper
 232 100
 131 44.7 35.9 53.9
 130 2.1 1.8 2.6
 166 30.2 24.0 36.0

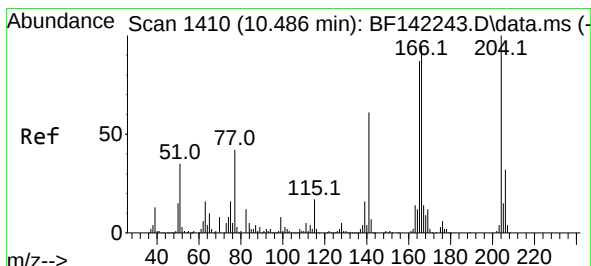
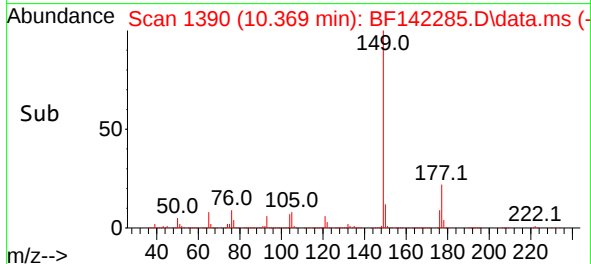
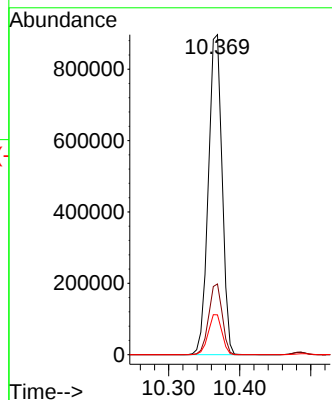
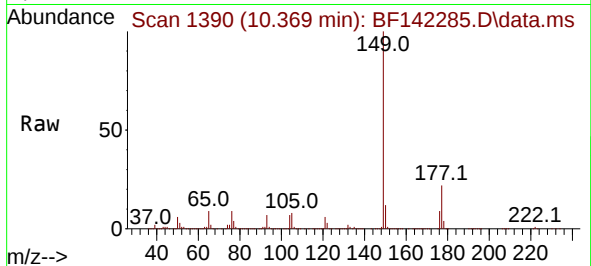




#60
Diethylphthalate
Concen: 45.047 ng
RT: 10.369 min Scan# 111
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

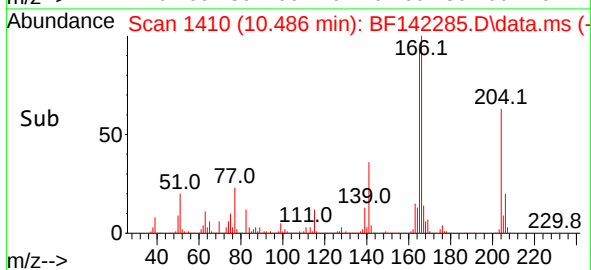
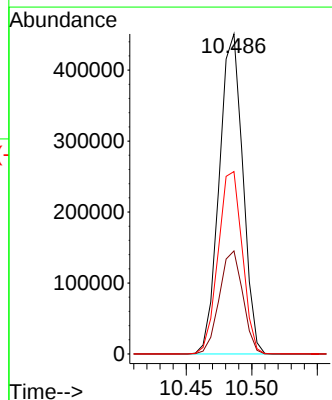
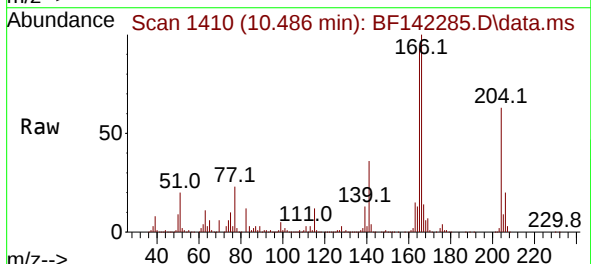
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

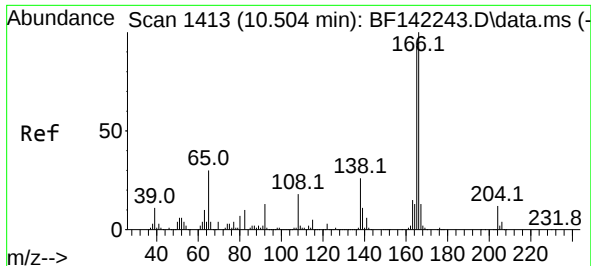
Tgt Ion:149 Resp: 1205092
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.4 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 43.002 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:204 Resp: 561721
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 57.0 48.9 73.3

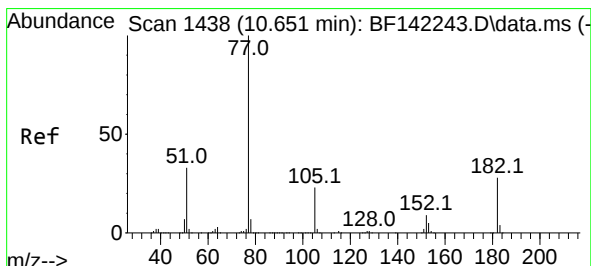
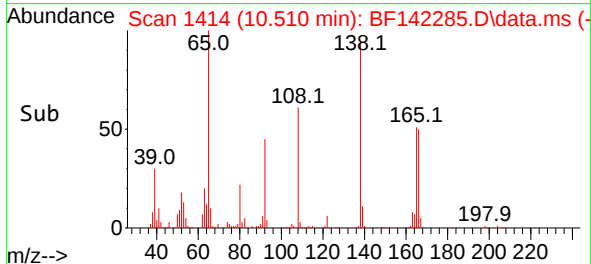
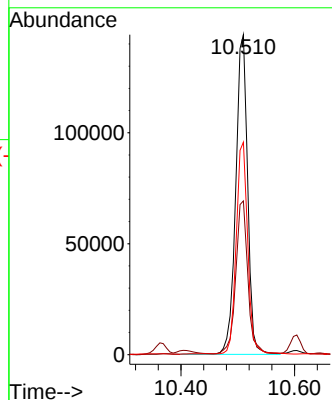
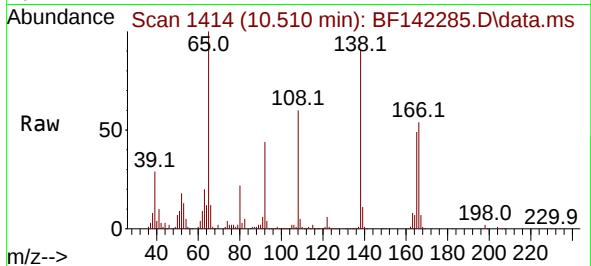




#62
4-Nitroaniline
Concen: 36.961 ng
RT: 10.510 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

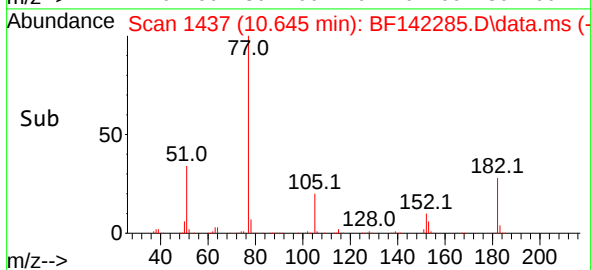
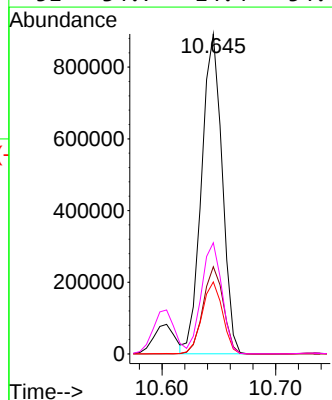
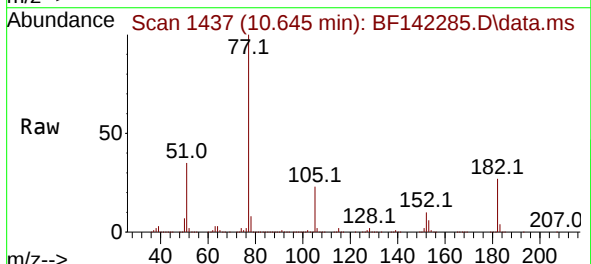
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

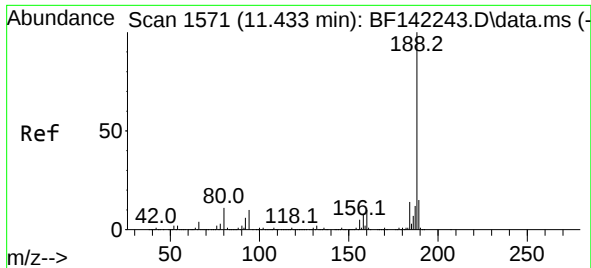
Tgt Ion:138 Resp: 208504
Ion Ratio Lower Upper
138 100
92 48.1 29.2 69.2
108 66.4 49.1 89.1



#63
Azobenzene
Concen: 42.469 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion: 77 Resp: 1121903
Ion Ratio Lower Upper
77 100
182 27.3 7.3 47.3
105 22.5 2.5 42.5
51 34.7 14.4 54.4

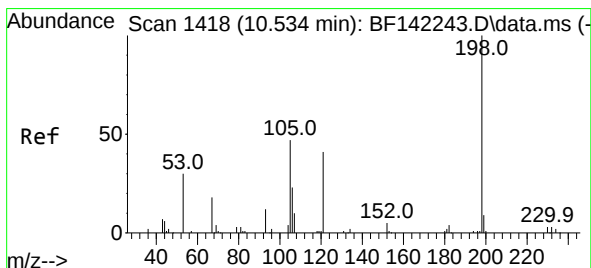
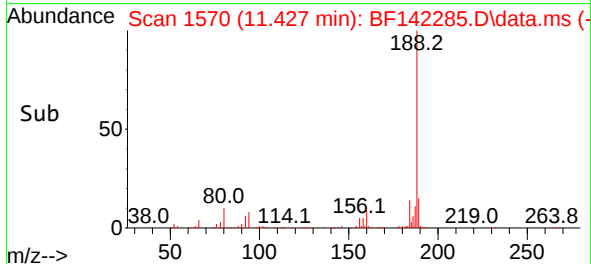
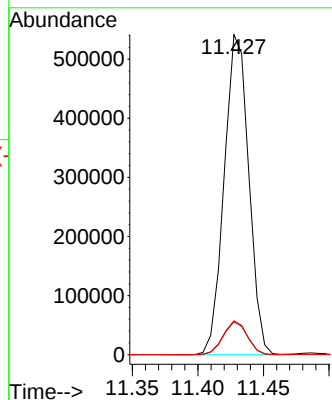
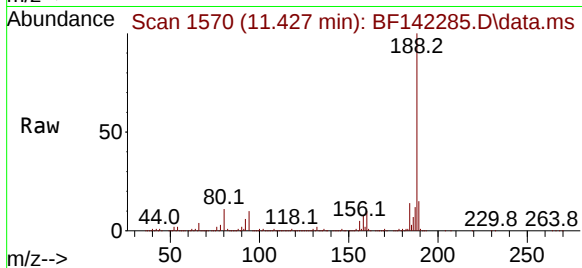




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

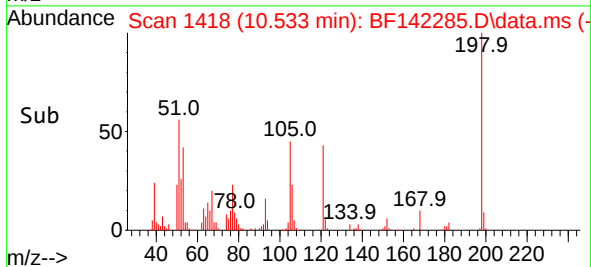
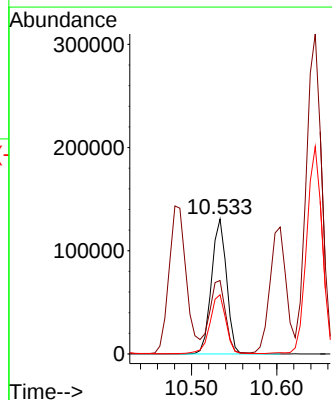
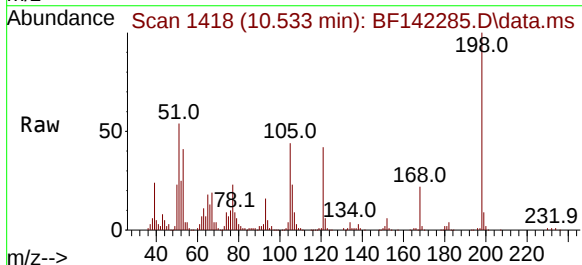
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

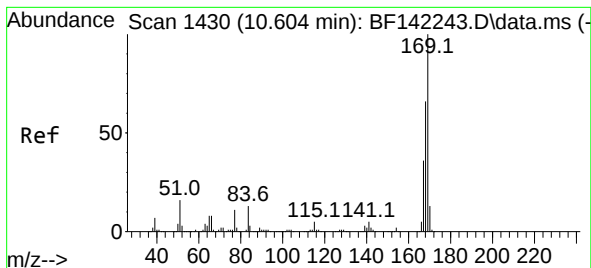
Tgt Ion:188 Resp: 705292
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.6 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 64.367 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.001 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:198 Resp: 160335
Ion Ratio Lower Upper
198 100
51 54.4 40.6 80.6
105 43.9 29.2 69.2

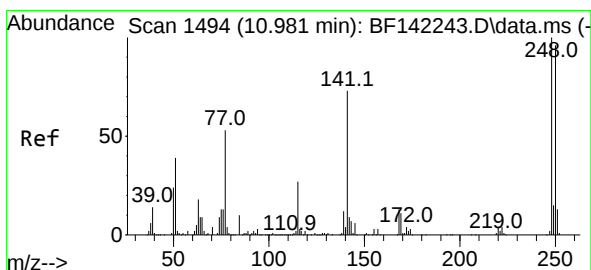
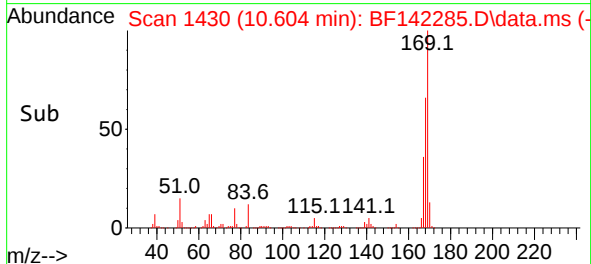
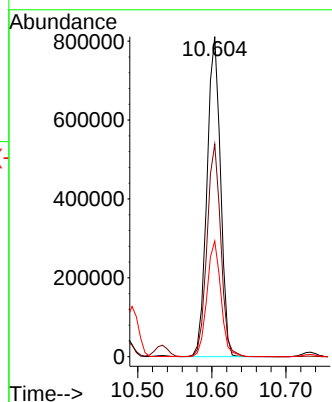
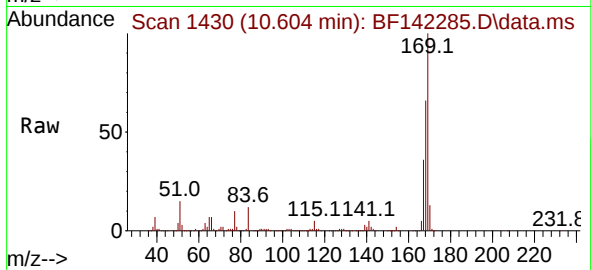




#66
n-Nitrosodiphenylamine
Concen: 42.661 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

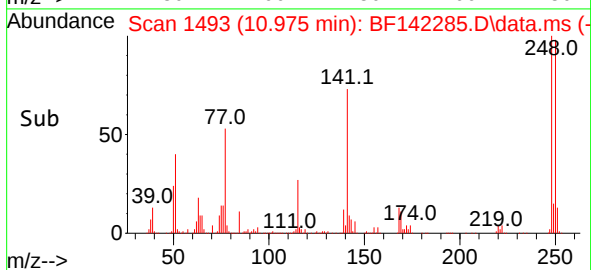
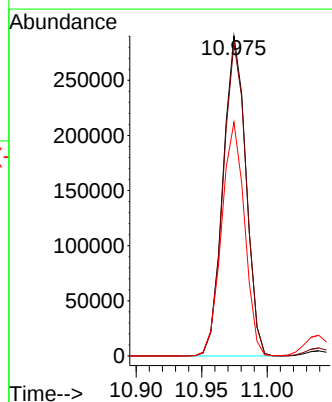
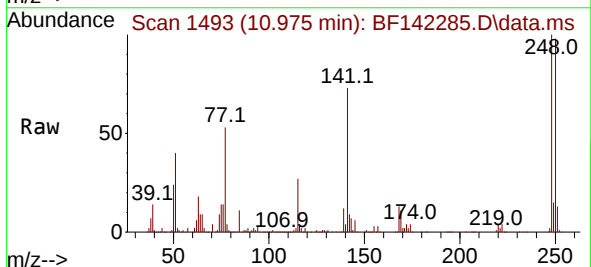
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

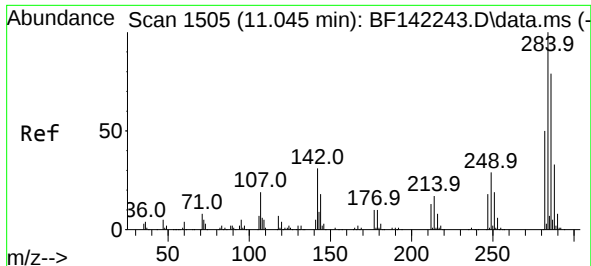
Tgt Ion:169 Resp: 1028062
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.2 28.8 43.2



#67
4-Bromophenyl-phenylether
Concen: 44.806 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:248 Resp: 351935
Ion Ratio Lower Upper
248 100
250 97.8 77.2 115.8
141 73.1 58.4 87.6

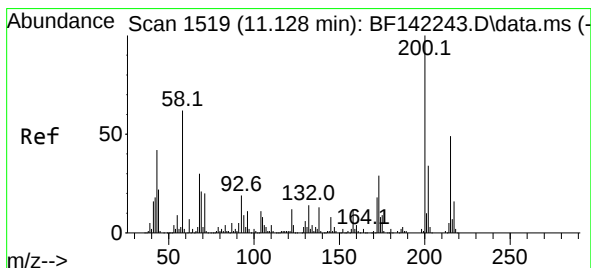
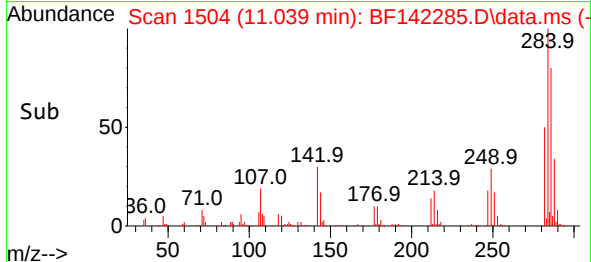
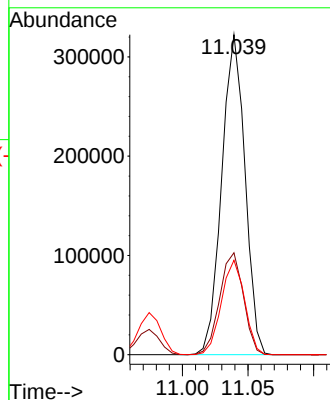
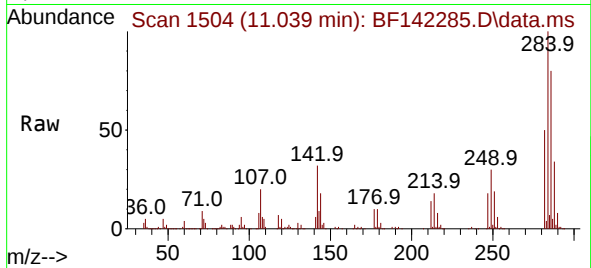




#68
Hexachlorobenzene
Concen: 45.145 ng
RT: 11.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

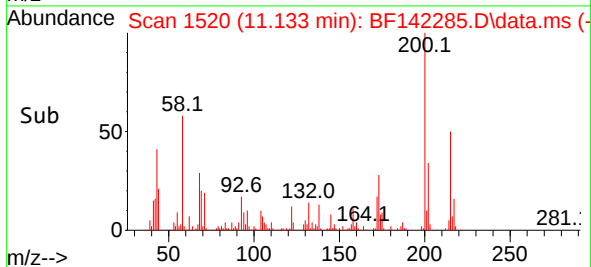
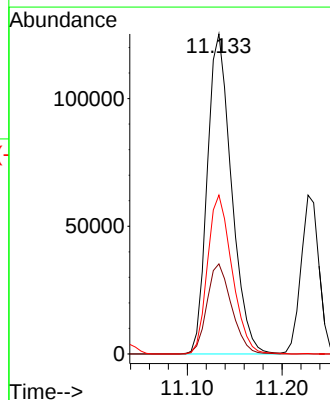
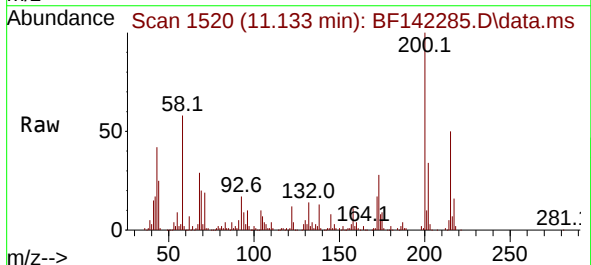
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

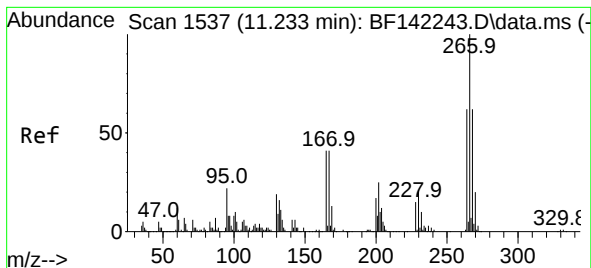
Tgt Ion:284 Resp: 397147
Ion Ratio Lower Upper
284 100
142 31.8 24.6 37.0
249 29.5 23.2 34.8



#69
Atrazine
Concen: 35.033 ng
RT: 11.133 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:200 Resp: 222533
Ion Ratio Lower Upper
200 100
173 28.2 8.6 48.6
215 49.7 28.5 68.5

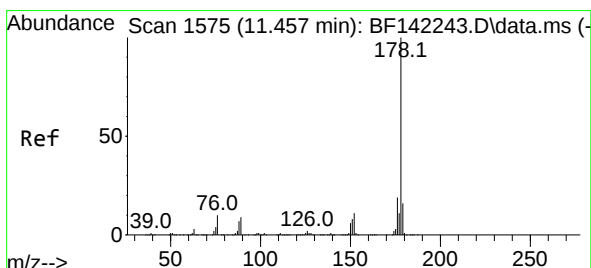
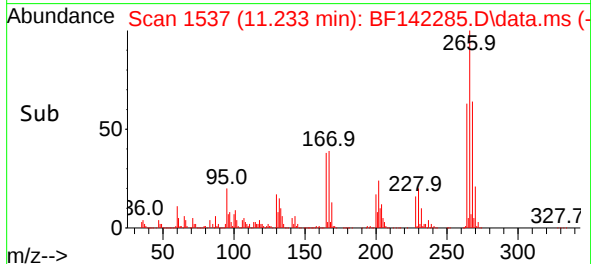
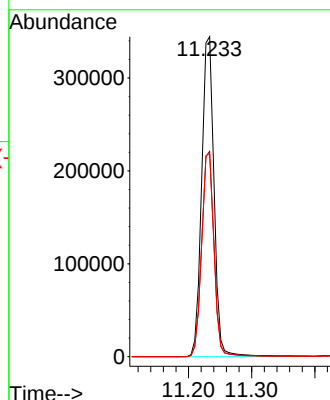
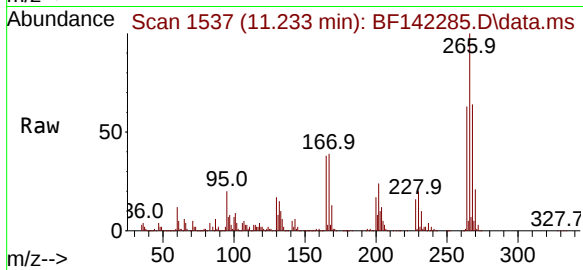




#70
Pentachlorophenol
Concen: 100.893 ng
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

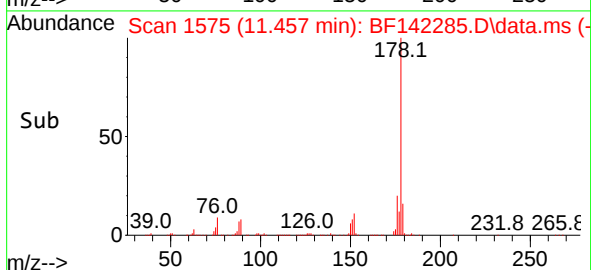
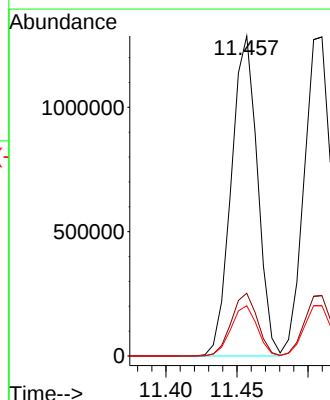
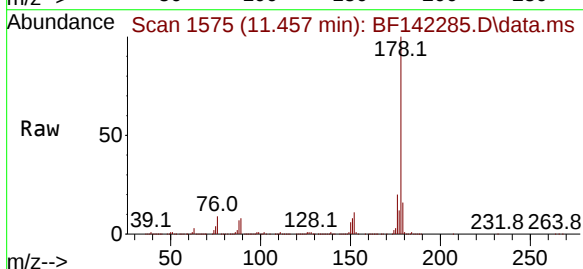
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

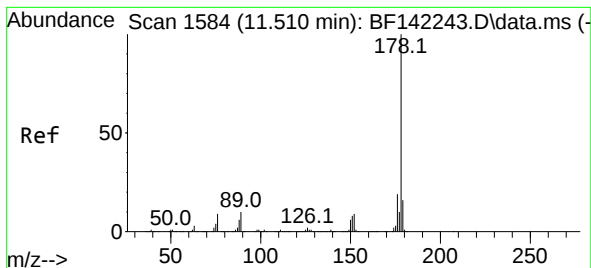
Tgt Ion:266 Resp: 468886
Ion Ratio Lower Upper
266 100
268 64.2 50.0 75.0
264 63.5 49.3 73.9



#71
Phenanthrene
Concen: 43.302 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:178 Resp: 1649682
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.6 19.0





#72

Anthracene

Concen: 43.411 ng

RT: 11.510 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

WC-12MSD

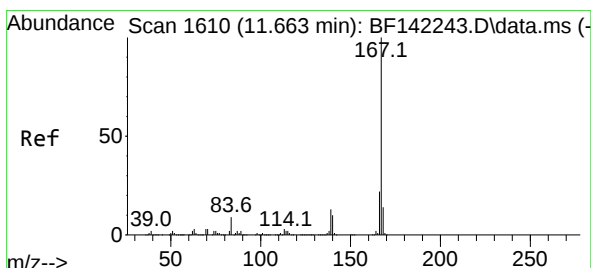
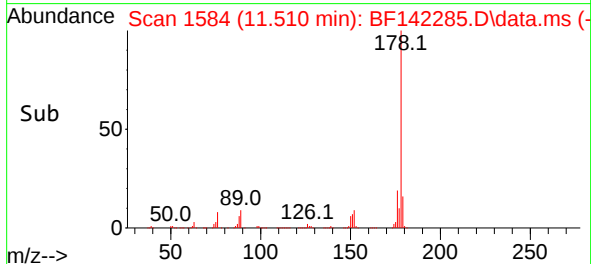
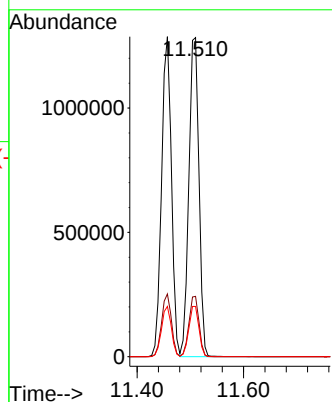
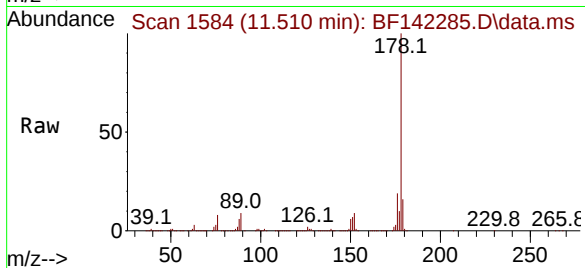
Tgt Ion:178 Resp: 1690918

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.7 12.7 19.1



#73

Carbazole

Concen: 42.791 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

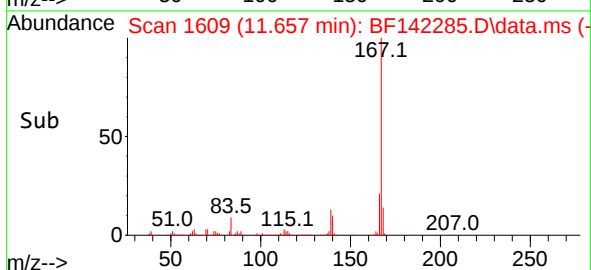
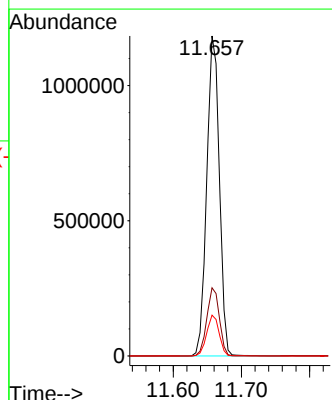
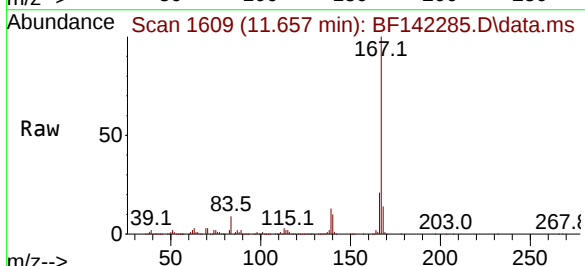
Tgt Ion:167 Resp: 1520445

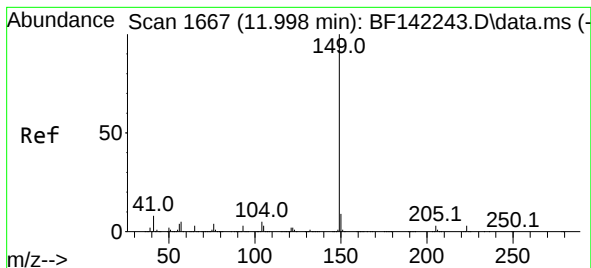
Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 12.8 10.3 15.5





#74

Di-n-butylphthalate

Concen: 49.366 ng

RT: 11.992 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

WC-12MSD

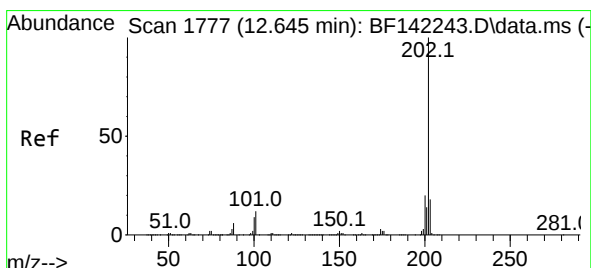
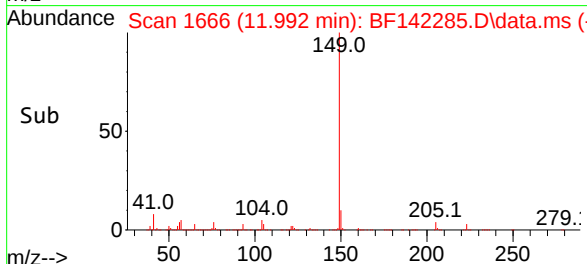
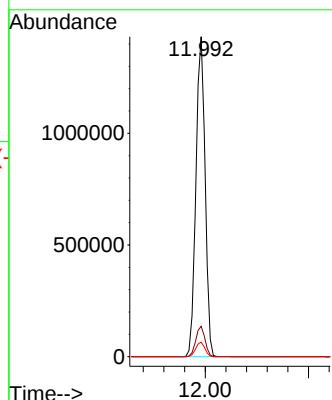
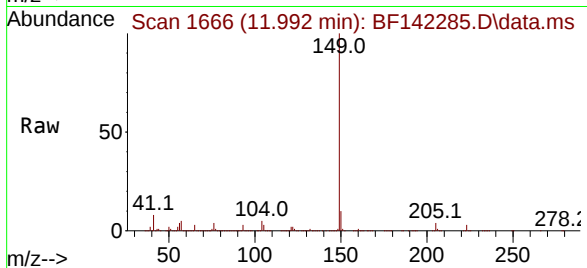
Tgt Ion:149 Resp: 1764131

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 4.5 3.6 5.4



#75

Fluoranthene

Concen: 43.764 ng

RT: 12.645 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

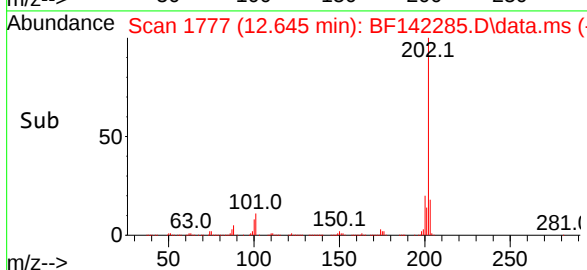
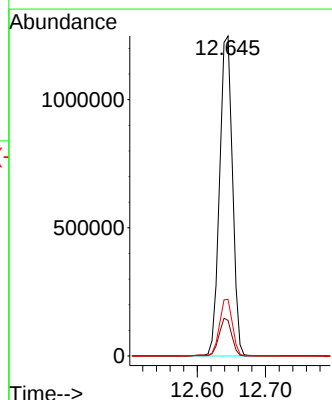
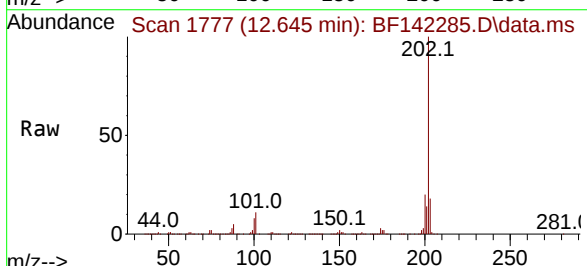
Tgt Ion:202 Resp: 1648130

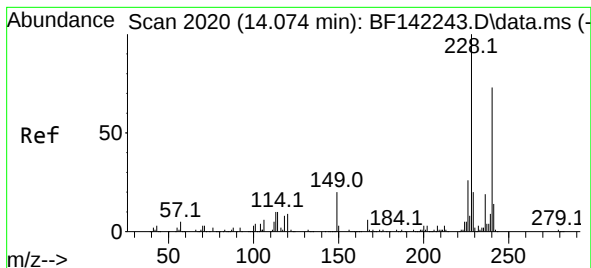
Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.4

203 17.7 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

WC-12MSD

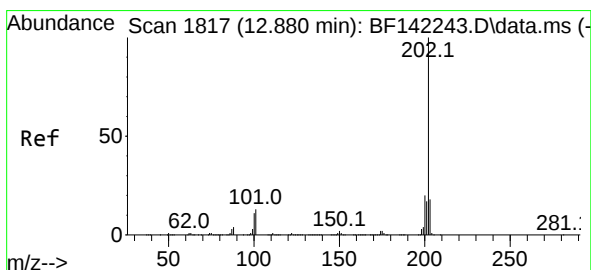
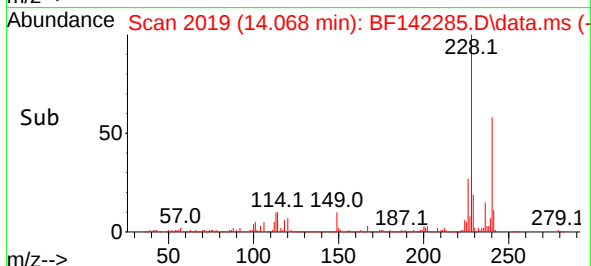
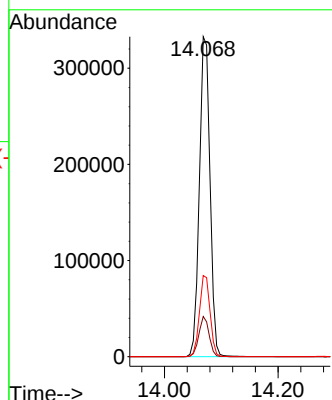
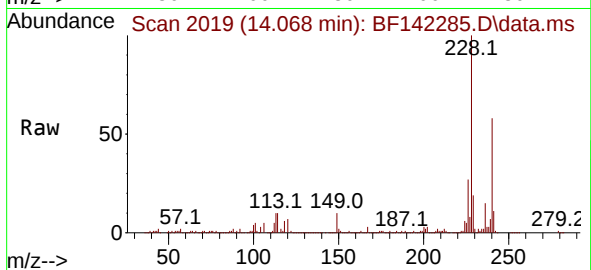
Tgt Ion:240 Resp: 433924

Ion Ratio Lower Upper

240 100

120 12.5 10.1 15.1

236 25.4 20.5 30.7



#78

Pyrene

Concen: 40.958 ng

RT: 12.874 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

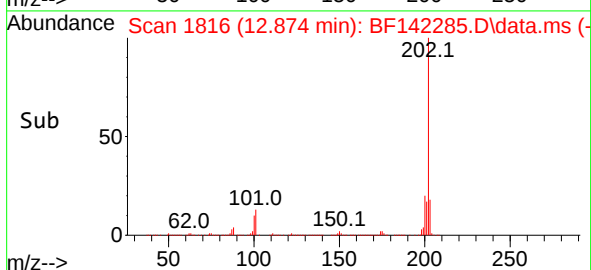
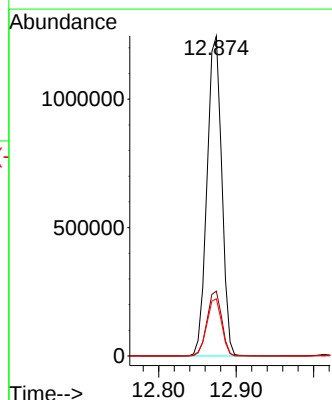
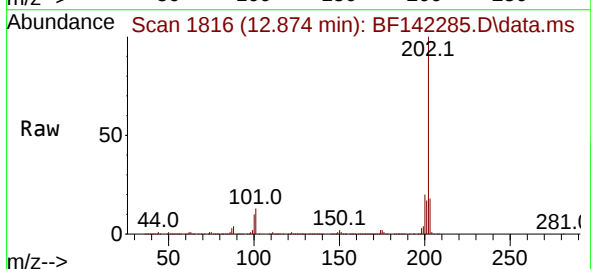
Tgt Ion:202 Resp: 1639461

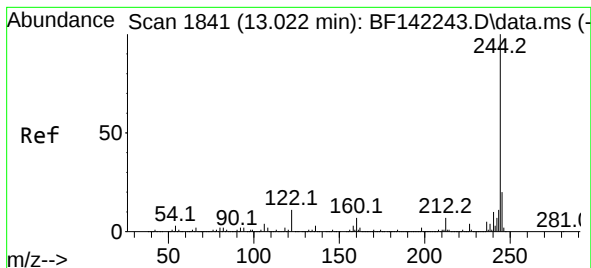
Ion Ratio Lower Upper

202 100

200 20.3 16.1 24.1

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 65.142 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

WC-12MSD

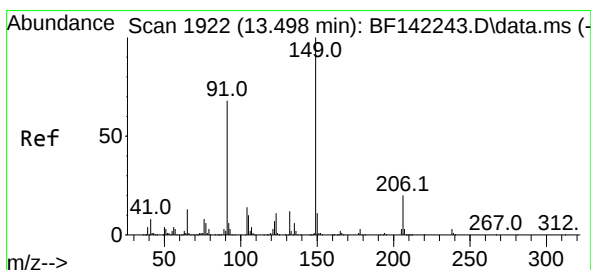
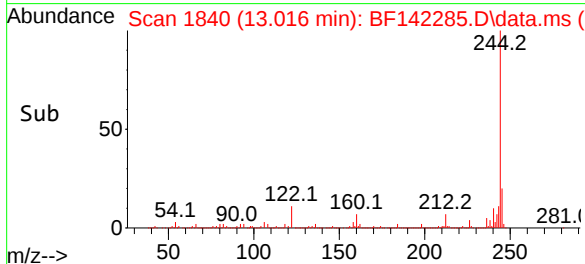
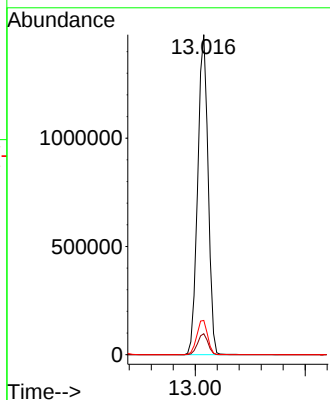
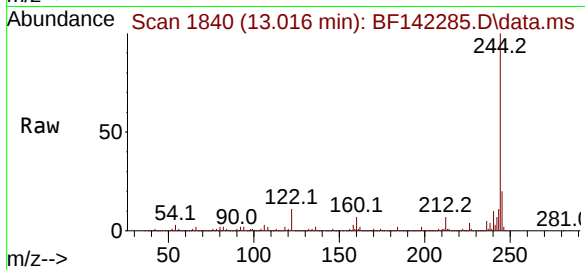
Tgt Ion:244 Resp: 1943531

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 10.7 9.1 13.7



#80

Butylbenzylphthalate

Concen: 52.782 ng

RT: 13.492 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

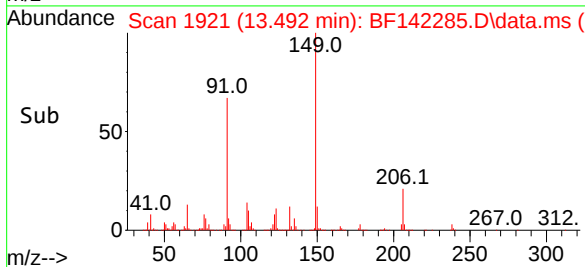
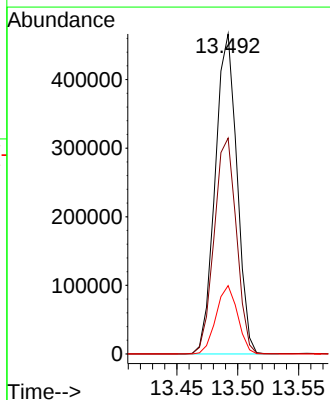
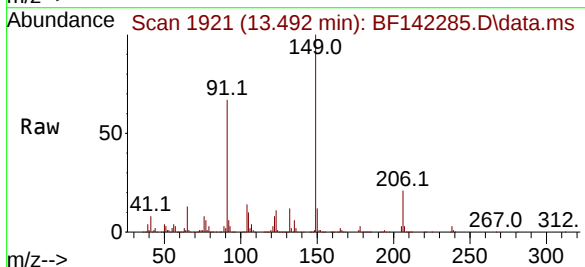
Tgt Ion:149 Resp: 582060

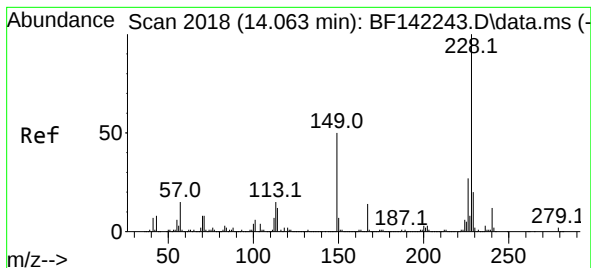
Ion Ratio Lower Upper

149 100

91 67.4 54.4 81.6

206 21.4 15.9 23.9





#81

Benzo(a)anthracene

Concen: 45.176 ng

RT: 14.057 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

WC-12MSD

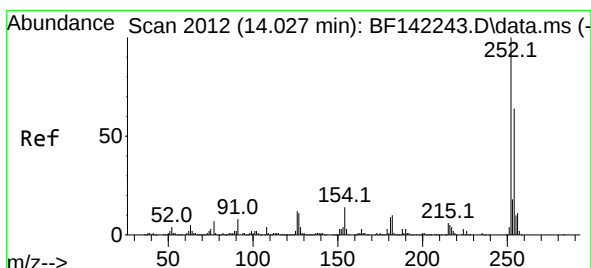
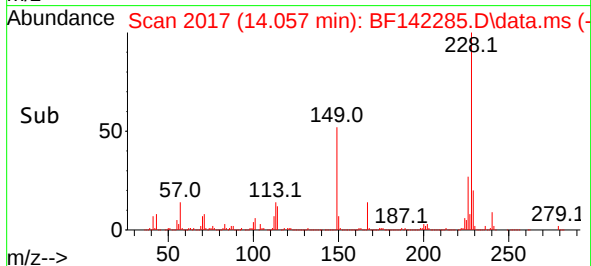
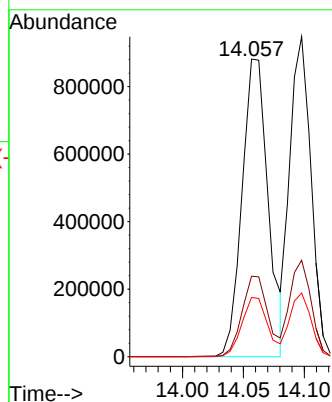
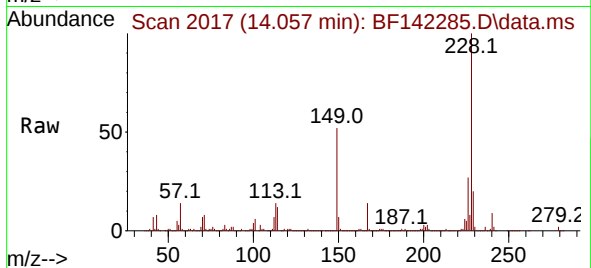
Tgt Ion:228 Resp: 1315993

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 17.058 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

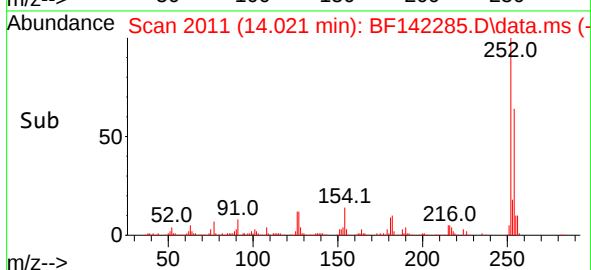
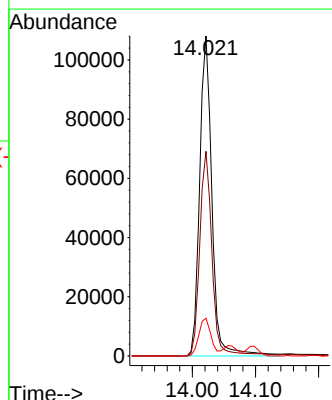
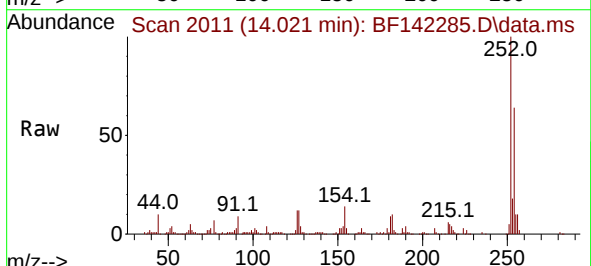
Tgt Ion:252 Resp: 145951

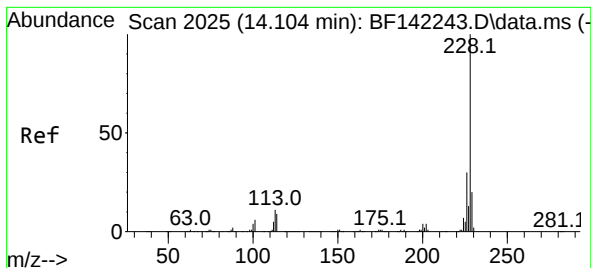
Ion Ratio Lower Upper

252 100

254 63.9 51.0 76.6

126 11.8 9.4 14.2





#83

Chrysene

Concen: 43.498 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

WC-12MSD

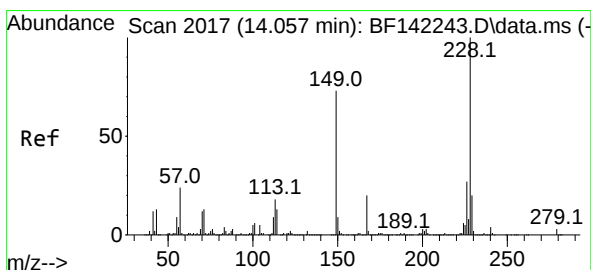
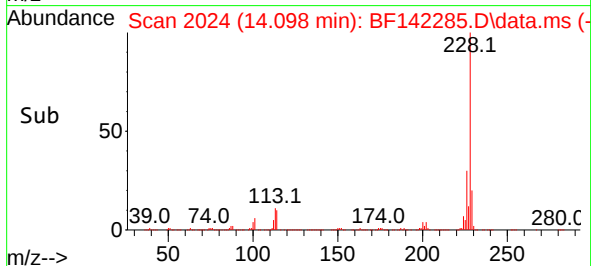
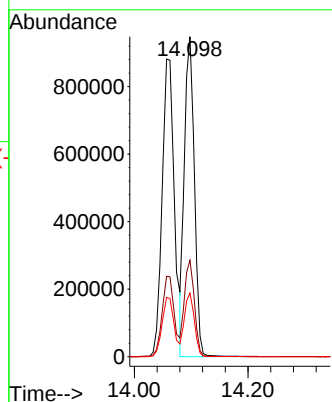
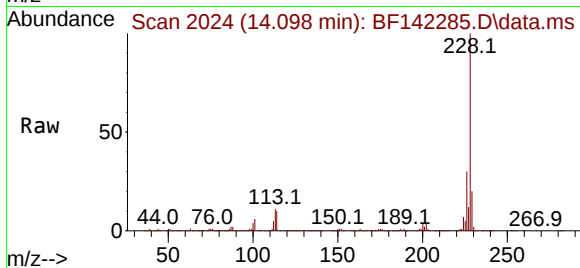
Tgt Ion:228 Resp: 1153398

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.712 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

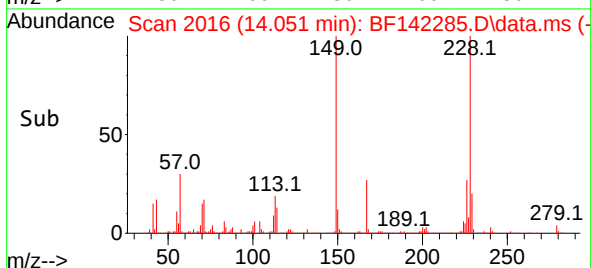
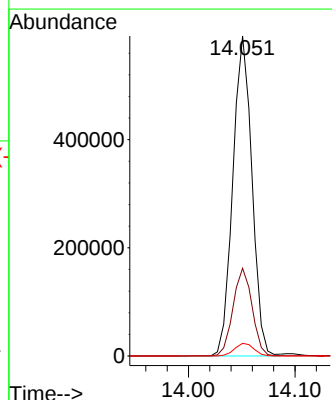
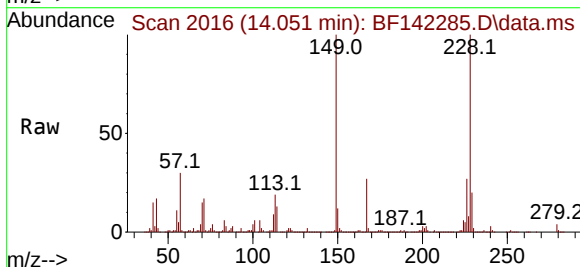
Tgt Ion:149 Resp: 739282

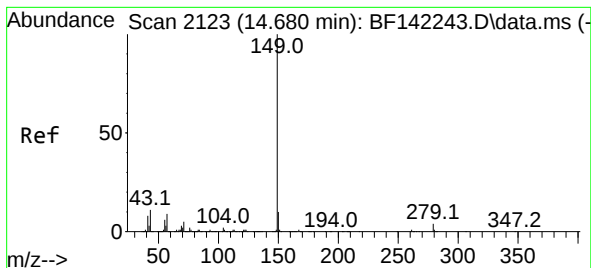
Ion Ratio Lower Upper

149 100

167 27.4 21.7 32.5

279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 43.234 ng

RT: 14.668 min Scan# 2121

Delta R.T. -0.012 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

WC-12MSD

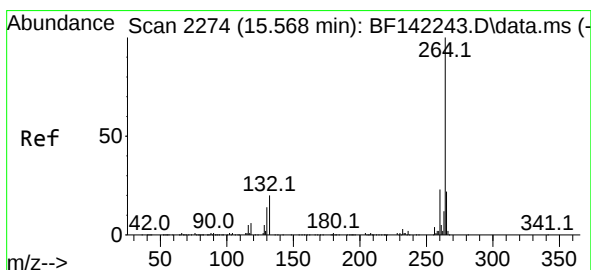
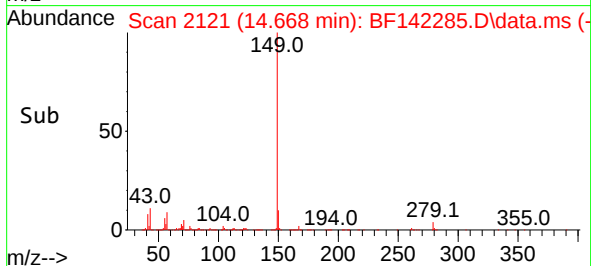
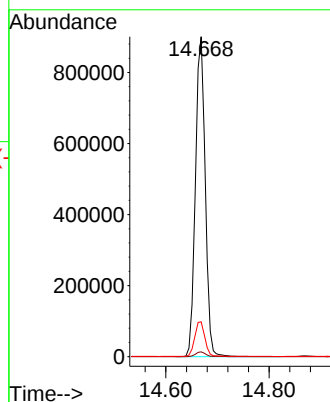
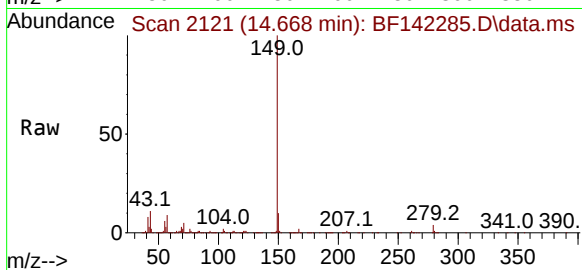
Tgt Ion:149 Resp: 1182262

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.2 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

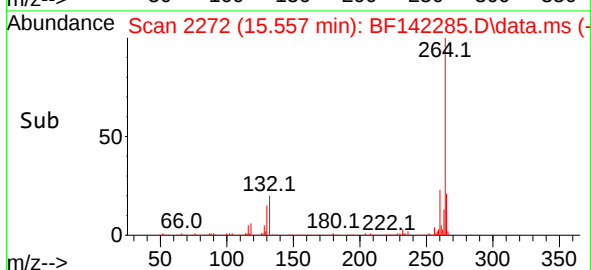
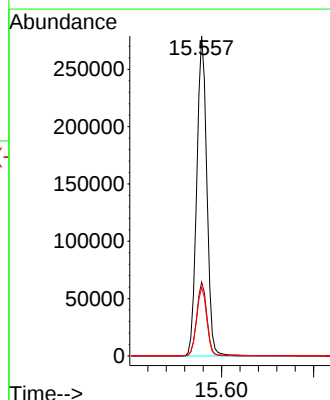
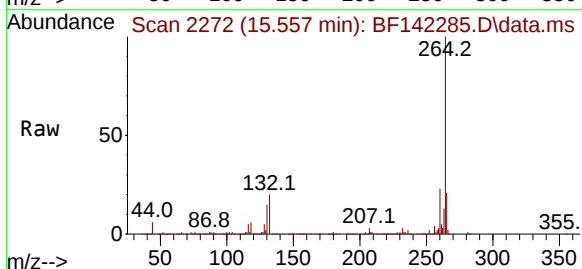
Tgt Ion:264 Resp: 423312

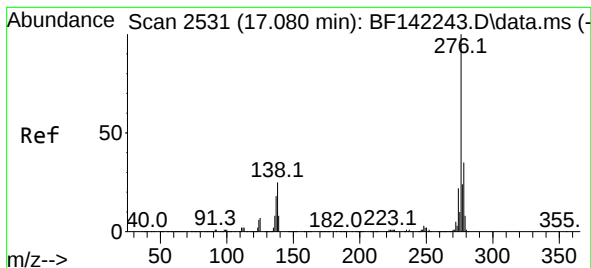
Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.013 ng

RT: 17.062 min Scan# 2198

Delta R.T. -0.018 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

WC-12MSD

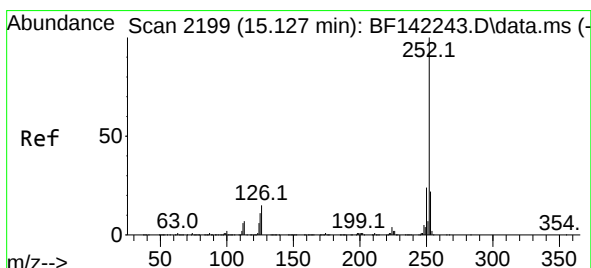
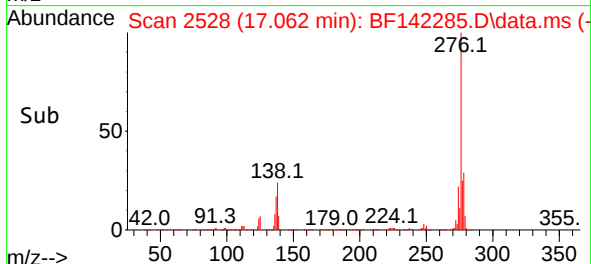
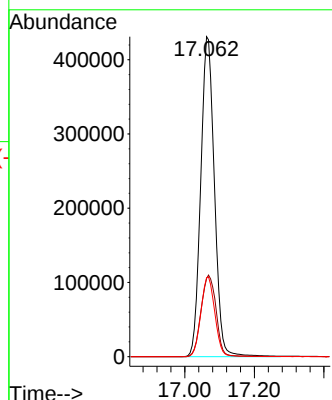
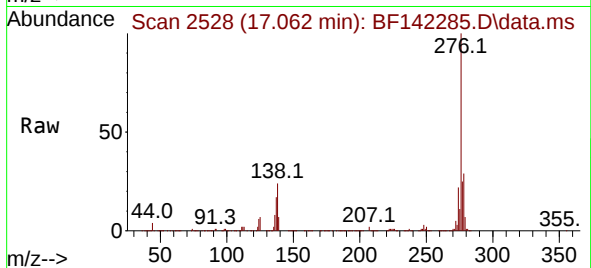
Tgt Ion:276 Resp: 1178639

Ion Ratio Lower Upper

276 100

138 28.0 22.6 33.8

277 25.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 44.747 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142285.D

Acq: 02 May 2025 17:18

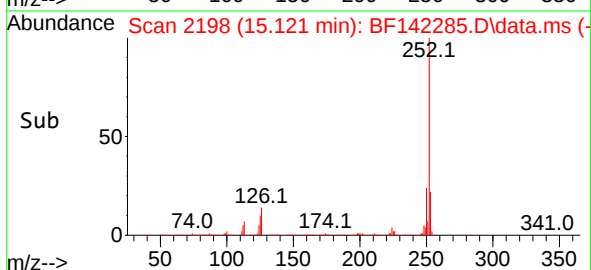
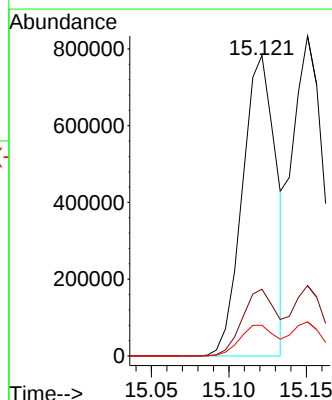
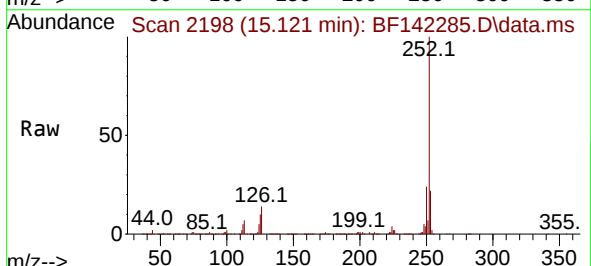
Tgt Ion:252 Resp: 1176599

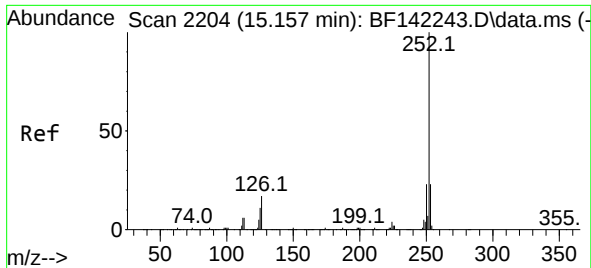
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.2 9.0 13.4

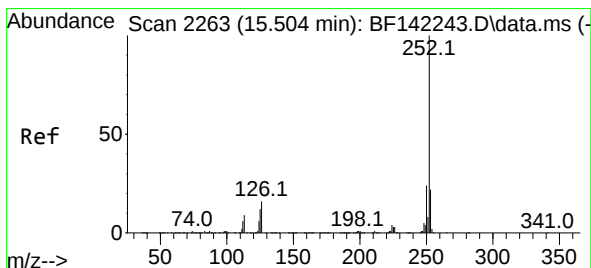
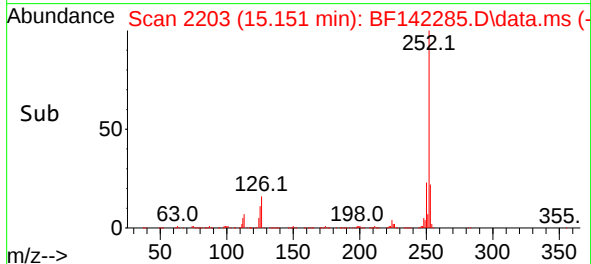
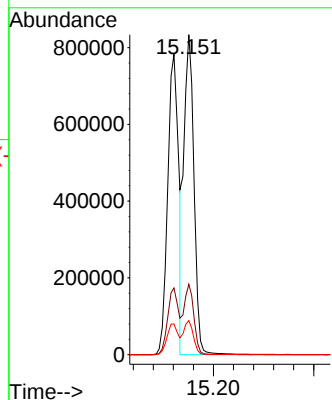
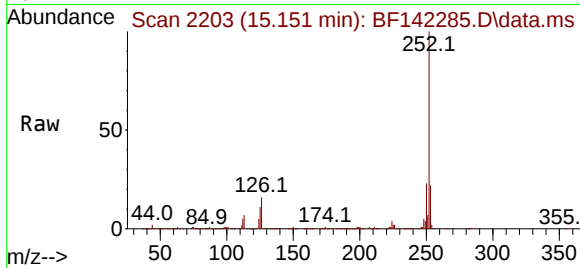




#89
Benzo(k)fluoranthene
Concen: 48.660 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

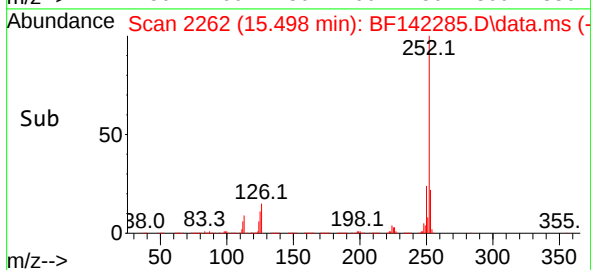
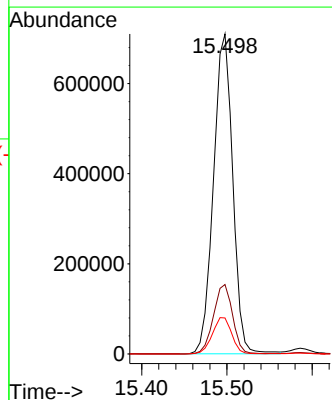
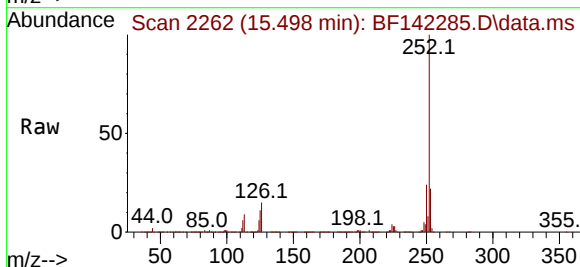
Instrument :
BNA_F
ClientSampleId :
WC-12MSD

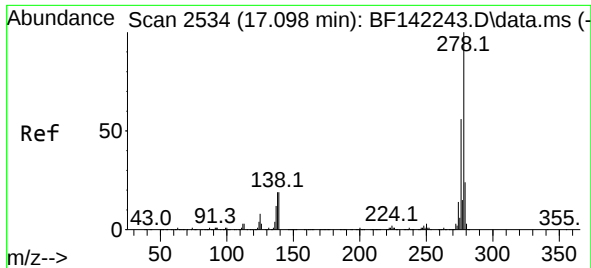
Tgt Ion:252 Resp: 1170313
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.7 9.0 13.6



#90
Benzo(a)pyrene
Concen: 46.243 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:252 Resp: 1113226
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 11.3 9.5 14.3

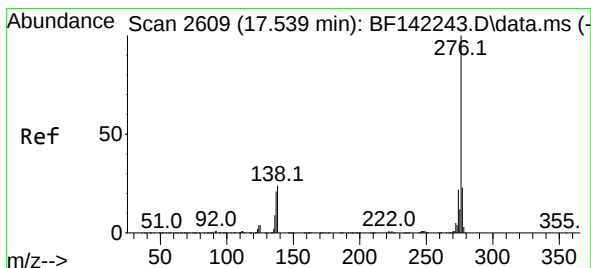
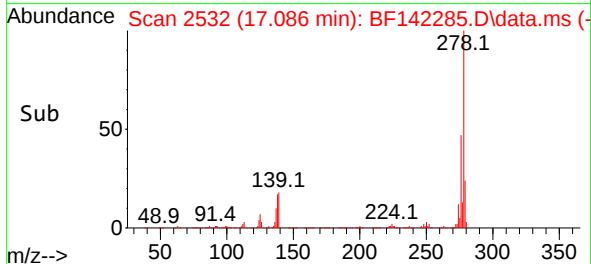
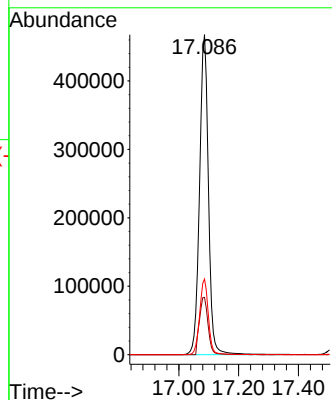
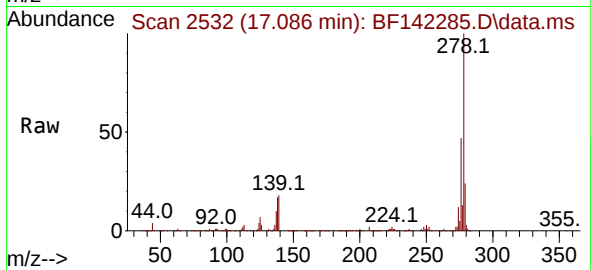




#91
Dibenzo(a,h)anthracene
Concen: 38.313 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Instrument :
BNA_F
ClientSampleId :
WC-12MSD

Tgt Ion:278 Resp: 964139
Ion Ratio Lower Upper
278 100
139 17.9 15.2 22.8
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 36.373 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.018 min
Lab File: BF142285.D
Acq: 02 May 2025 17:18

Tgt Ion:276 Resp: 920166
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 24.3 19.4 29.0

