

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142541.D
 Acq On : 23 May 2025 18:01
 Operator : RC/JU
 Sample : Q2095-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MSD

Quant Time: May 23 18:49:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	129857	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	492402	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	265988	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	442853	20.000	ng	0.00
76) Chrysene-d12	14.069	240	233207	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	264236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	694231	90.069	ng	0.01
7) Phenol-d6	6.522	99	770285	83.020	ng	-0.01
23) Nitrobenzene-d5	7.463	82	574078	63.574	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	301556	102.149	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1200818	60.579	ng	-0.01
79) Terphenyl-d14	13.010	244	1115613	65.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	91387	29.629	ng	# 83
3) Pyridine	3.557	79	237980	30.299	ng	99
4) n-Nitrosodimethylamine	3.499	42	140450	34.440	ng	95
6) Aniline	6.563	93	273155	21.895	ng	100
8) 2-Chlorophenol	6.681	128	291046	34.667	ng	98
9) Benzaldehyde	6.446	77	89095	15.965	ng	98
10) Phenol	6.540	94	307469	29.451	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	275209	36.621	ng	97
12) 1,3-Dichlorobenzene	6.840	146	239140	25.527	ng	98
13) 1,4-Dichlorobenzene	6.916	146	248554	26.340	ng	98
14) 1,2-Dichlorobenzene	7.069	146	248221	27.490	ng	99
15) Benzyl Alcohol	7.034	79	243165	35.464	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	419583	33.246	ng	99
17) 2-Methylphenol	7.145	107	226306	34.526	ng	100
18) Hexachloroethane	7.410	117	83716	25.406	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	197568	34.358	ng	98
20) 3+4-Methylphenols	7.298	107	282793	33.691	ng	96
22) Acetophenone	7.304	105	391485	35.915	ng	98
24) Nitrobenzene	7.481	77	289729	35.574	ng	99
25) Isophorone	7.716	82	547757	36.281	ng	99
26) 2-Nitrophenol	7.793	139	161274	37.059	ng	99
27) 2,4-Dimethylphenol	7.828	122	277939	36.216	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	341099	36.167	ng	98
29) 2,4-Dichlorophenol	8.034	162	255559	36.617	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	254758	33.634	ng	97
31) Naphthalene	8.204	128	832047	34.317	ng	100
32) Benzoic acid	7.940	122	161096	34.484	ng	99
33) 4-Chloroaniline	8.245	127	120655	12.281	ng	99
34) Hexachlorobutadiene	8.316	225	148123	31.319	ng	99
35) Caprolactam	8.651	113	26364	13.450	ng	96
36) 4-Chloro-3-methylphenol	8.728	107	258533	36.145	ng	96
37) 2-Methylnaphthalene	8.892	142	535441	35.103	ng	100
38) 1-Methylnaphthalene	8.992	142	560300	35.512	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	275214	36.045	ng	100
41) Hexachlorocyclopentadiene	9.045	237	337183	65.463	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	189551	36.816	ng	98

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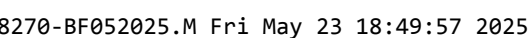
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	203092	37.402	ng	99
46) 1,1'-Biphenyl	9.357	154	745787	36.140	ng	99
47) 2-Chloronaphthalene	9.381	162	547387	35.902	ng	100
48) 2-Nitroaniline	9.475	65	168745	38.291	ng	99
49) Acenaphthylene	9.798	152	938782	36.465	ng	100
50) Dimethylphthalate	9.657	163	662468	37.746	ng	100
51) 2,6-Dinitrotoluene	9.722	165	145196	38.330	ng	97
52) Acenaphthene	9.975	154	605421	38.512	ng	99
53) 3-Nitroaniline	9.886	138	90384	21.846	ng	100
54) 2,4-Dinitrophenol	9.992	184	127044	64.917	ng	98
55) Dibenzofuran	10.145	168	824604	36.451	ng	99
56) 4-Nitrophenol	10.045	139	208062	68.155	ng	99
57) 2,4-Dinitrotoluene	10.122	165	199329	40.293	ng	100
58) Fluorene	10.486	166	638793	36.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	165989	36.617	ng	99
60) Diethylphthalate	10.357	149	644433	37.596	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	312083	36.351	ng	98
62) 4-Nitroaniline	10.504	138	134505	35.845	ng	99
63) Azobenzene	10.639	77	566358	36.787	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	89027	36.022	ng	93
66) n-Nitrosodiphenylamine	10.598	169	550561	36.338	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	192541	36.770	ng	99
68) Hexachlorobenzene	11.033	284	219226	37.852	ng	99
69) Atrazine	11.122	200	172056	42.761	ng	99
70) Pentachlorophenol	11.228	266	237031	72.490	ng	99
71) Phenanthrene	11.451	178	879826	37.175	ng	100
72) Anthracene	11.504	178	904085	37.430	ng	100
73) Carbazole	11.657	167	788835	38.202	ng	100
74) Di-n-butylphthalate	11.986	149	940370	41.605	ng	100
75) Fluoranthene	12.639	202	841027	38.031	ng	98
77) Benzidine	12.763	184	213893	24.647	ng	99
78) Pyrene	12.869	202	821359	37.755	ng	99
80) Butylbenzylphthalate	13.486	149	288610	48.012	ng	99
81) Benzo(a)anthracene	14.057	228	595014	38.209	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	117697	24.919	ng	99
83) Chrysene	14.092	228	553546	39.559	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	356784	46.364	ng	99
85) Di-n-octyl phthalate	14.657	149	557281	37.037	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	722649	36.429	ng	99
88) Benzo(b)fluoranthene	15.121	252	563373	36.024	ng	99
89) Benzo(k)fluoranthene	15.151	252	565780	38.627	ng	98
90) Benzo(a)pyrene	15.498	252	560218	38.004	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	586448	36.450	ng	99
92) Benzo(g,h,i)perylene	17.533	276	583368	36.251	ng	98

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

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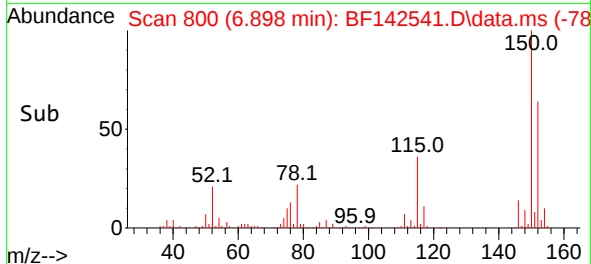
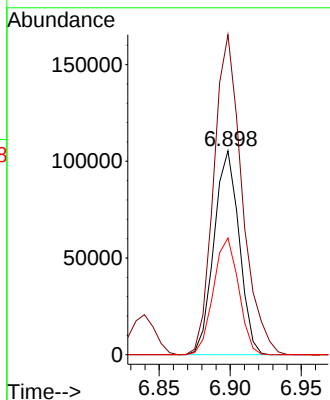
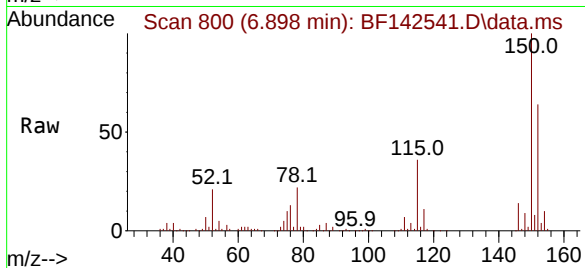




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

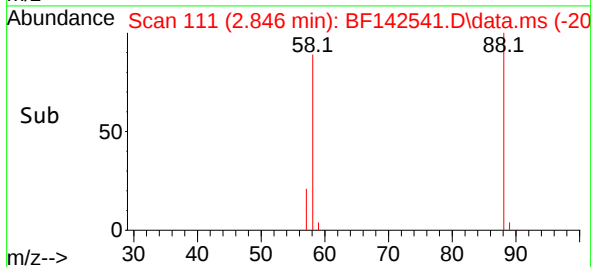
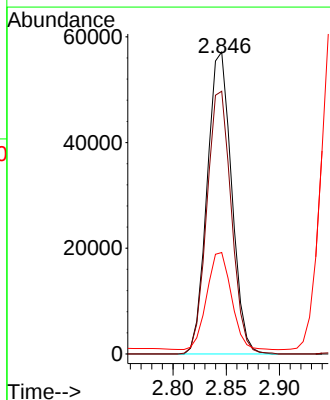
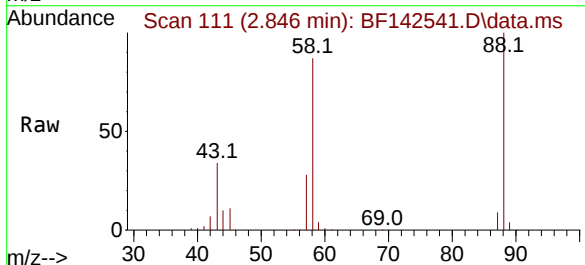
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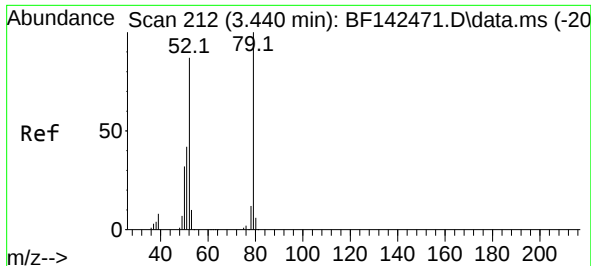
Tgt Ion:152 Resp: 129857
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.2 192.4
 115 57.2 48.3 72.5



#2
 1,4-Dioxane
 Concen: 29.629 ng
 RT: 2.846 min Scan# 111
 Delta R.T. 0.183 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

Tgt Ion: 88 Resp: 91387
 Ion Ratio Lower Upper
 88 100
 58 87.0 70.8 106.2
 43 0.0 26.6 40.0#

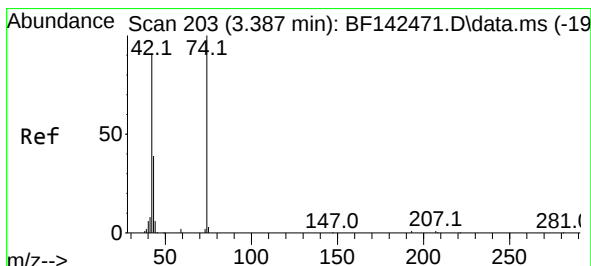
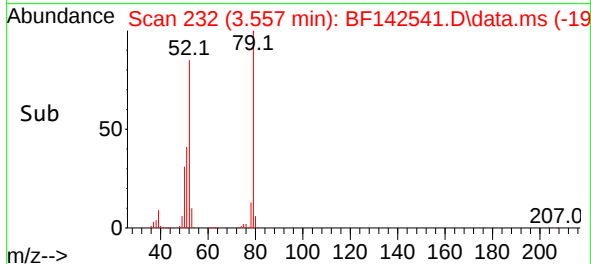
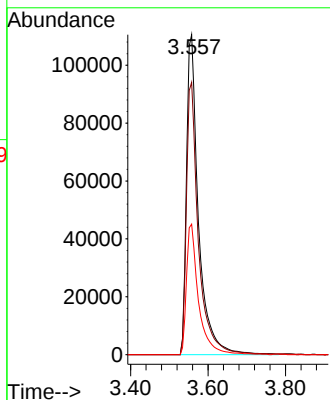
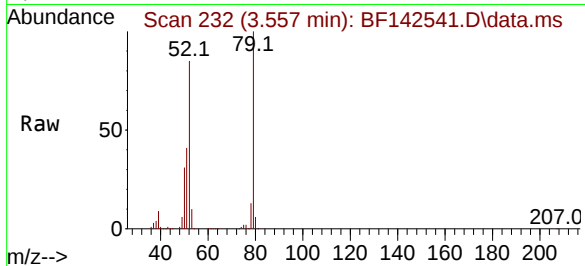




#3
Pyridine
Concen: 30.299 ng
RT: 3.557 min Scan# 212
Delta R.T. 0.118 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

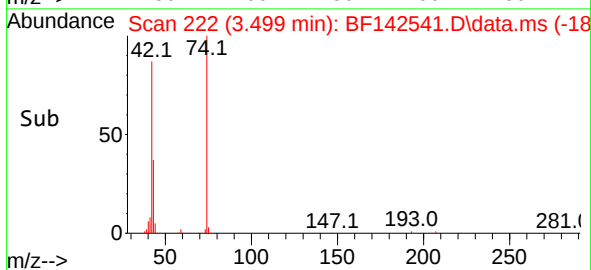
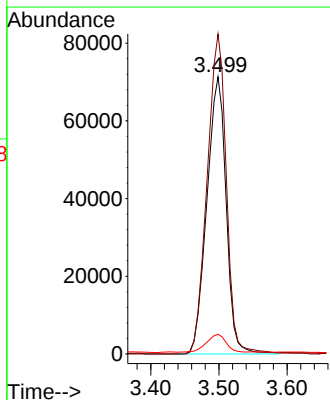
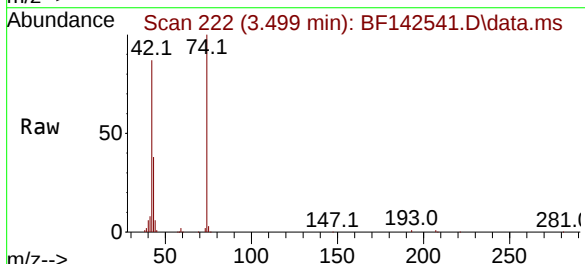
Instrument :
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WCS-TP1MSD

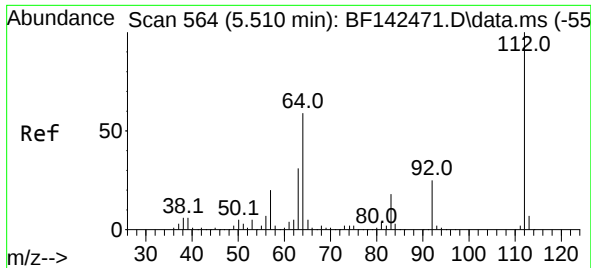
Tgt Ion: 79 Resp: 237980
Ion Ratio Lower Upper
79 100
52 85.1 69.2 103.8
51 40.8 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 34.440 ng
RT: 3.499 min Scan# 222
Delta R.T. 0.094 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion: 42 Resp: 140450
Ion Ratio Lower Upper
42 100
74 115.5 88.2 132.4
44 7.1 5.4 8.2

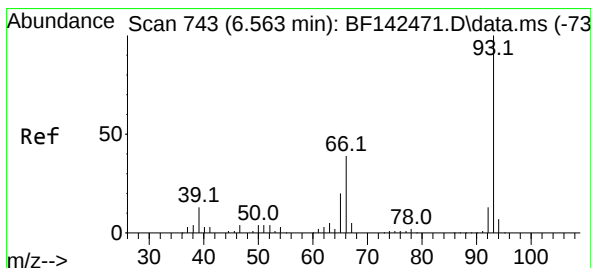
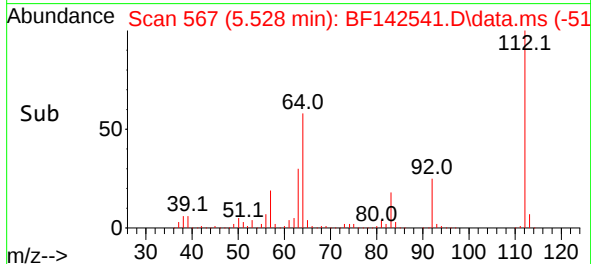
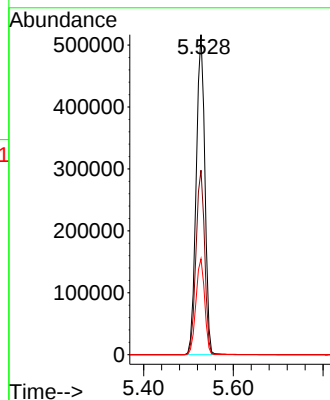
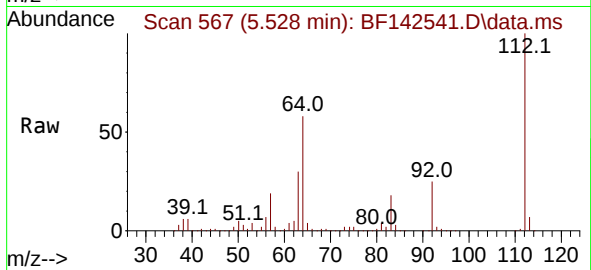




#5
2-Fluorophenol
Concen: 90.069 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

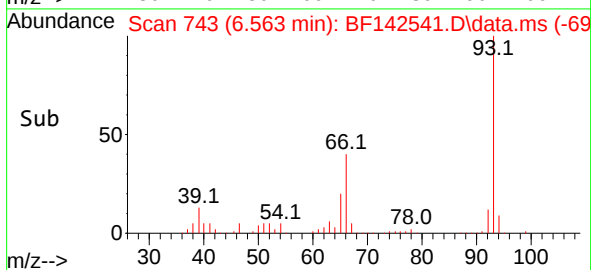
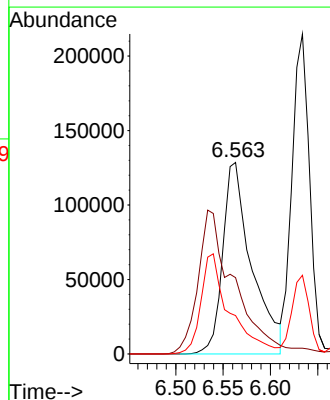
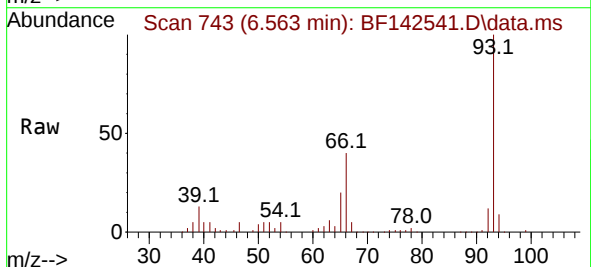
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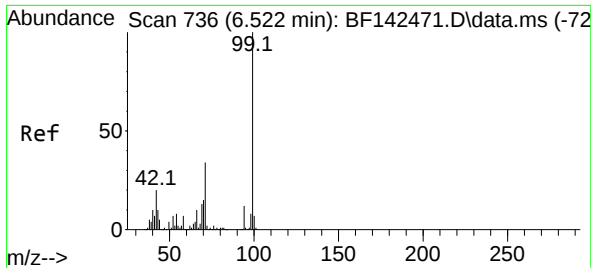
Tgt Ion:112 Resp: 694231
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 30.0 24.9 37.3



#6
Aniline
Concen: 21.895 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion: 93 Resp: 273155
Ion Ratio Lower Upper
93 100
66 39.9 32.0 48.0
65 20.0 16.1 24.1

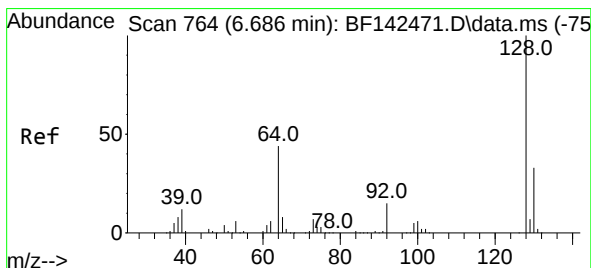
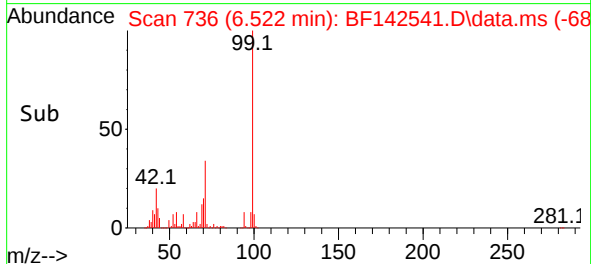
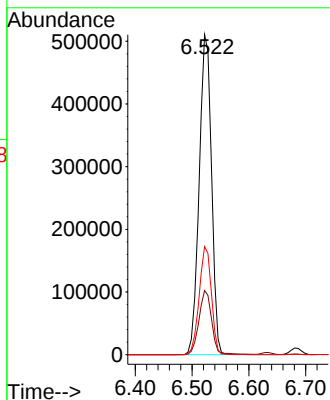
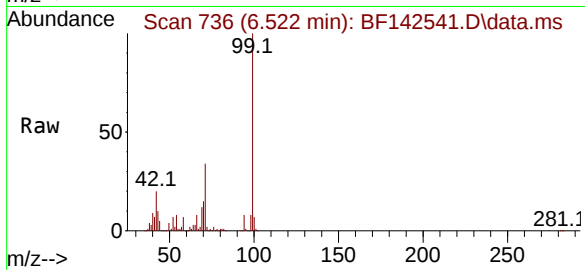




#7
Phenol-d6
Concen: 83.020 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

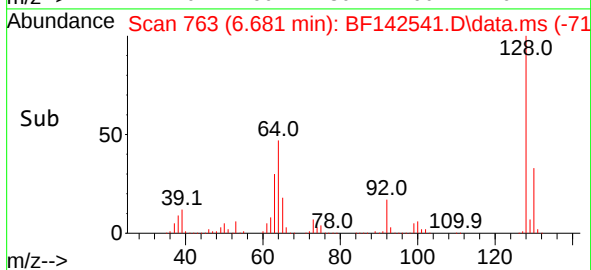
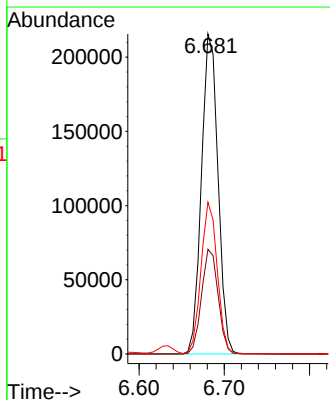
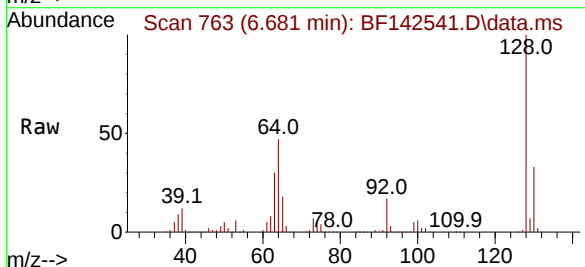
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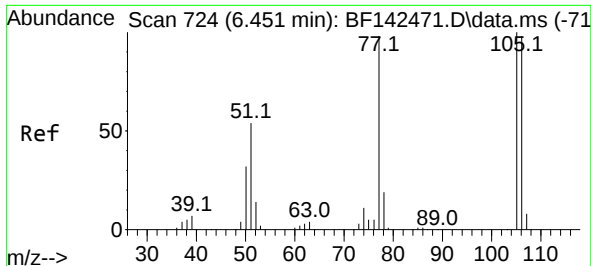
Tgt Ion: 99 Resp: 770285
Ion Ratio Lower Upper
99 100
42 20.0 16.2 24.2
71 33.8 27.3 40.9



#8
2-Chlorophenol
Concen: 34.667 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:128 Resp: 291046
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 47.4 25.1 65.1

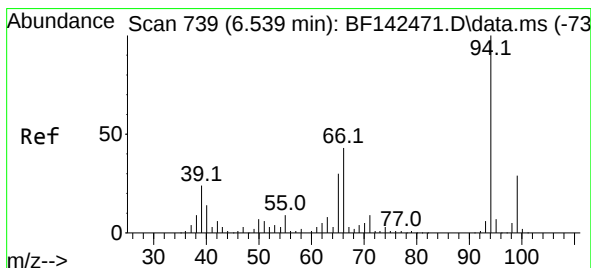
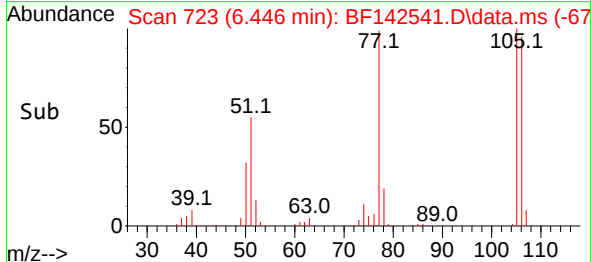
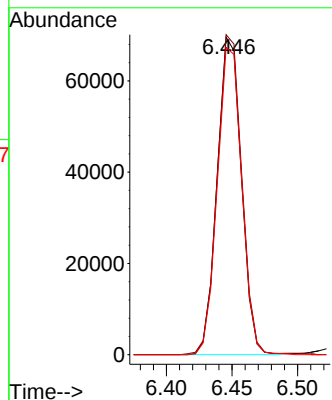
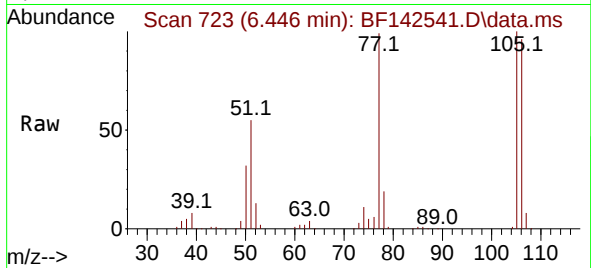




#9
Benzaldehyde
Concen: 15.965 ng
RT: 6.446 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

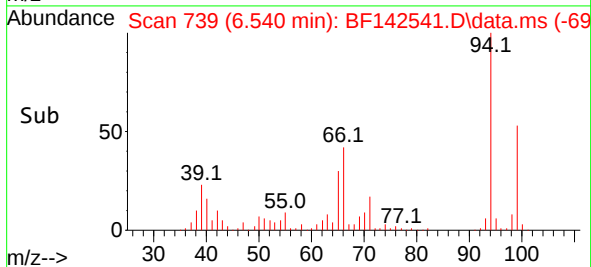
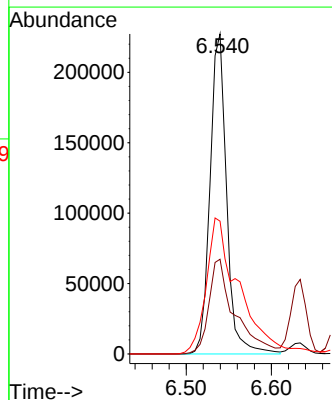
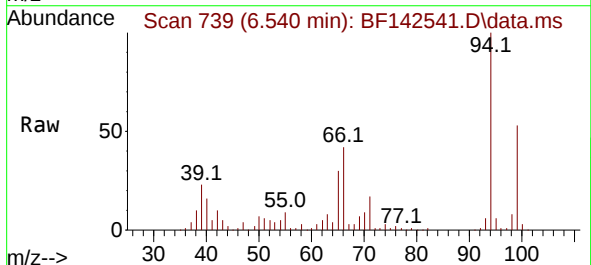
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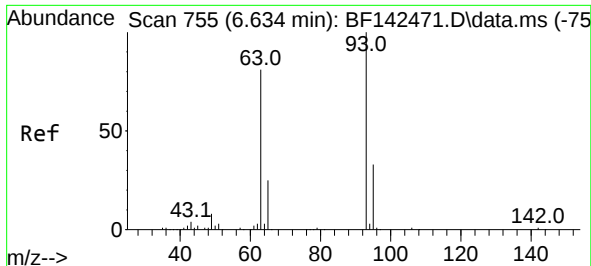
Tgt Ion: 77 Resp: 89095
Ion Ratio Lower Upper
77 100
105 100.8 82.5 122.5
106 96.8 80.0 120.0



#10
Phenol
Concen: 29.451 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion: 94 Resp: 307469
Ion Ratio Lower Upper
94 100
65 29.6 10.3 50.3
66 41.5 22.6 62.6

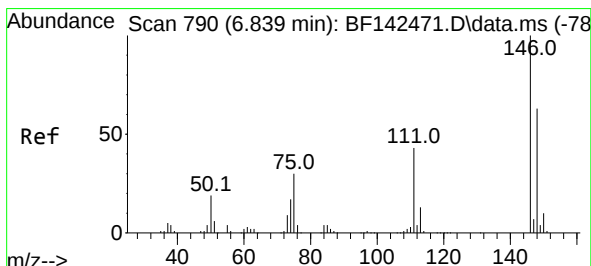
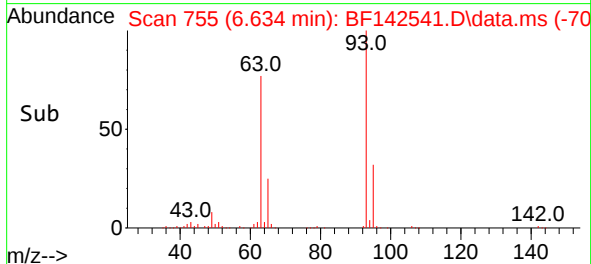
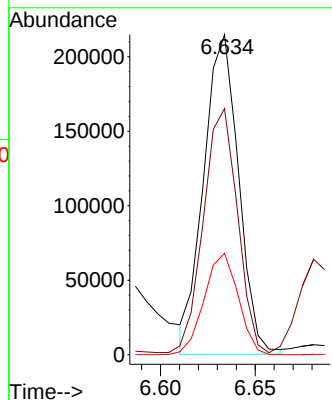
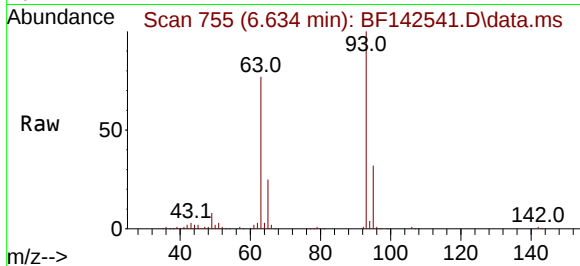




#11
bis(2-Chloroethyl)ether
Concen: 36.621 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

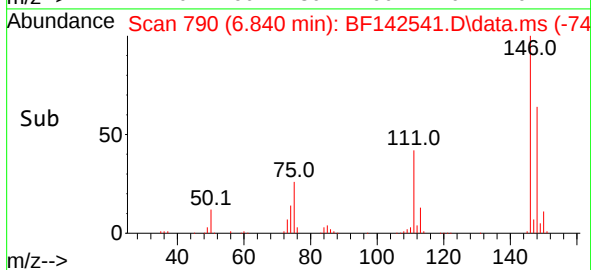
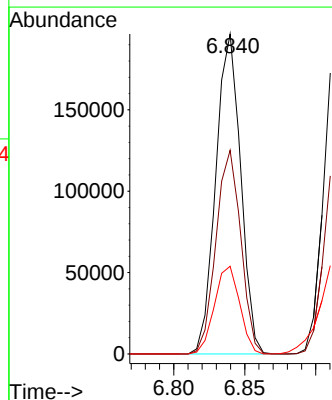
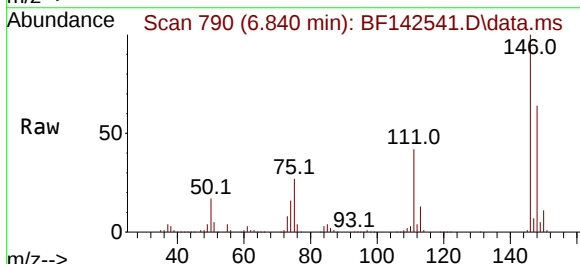
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

Tgt Ion:	93	Resp:	275209
Ion	Ratio	Lower	Upper
93	100		
63	76.9	60.2	100.2
95	31.7	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 25.527 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:	146	Resp:	239140
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
75	27.4	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 26.340 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

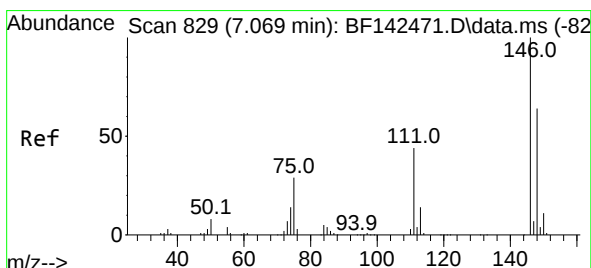
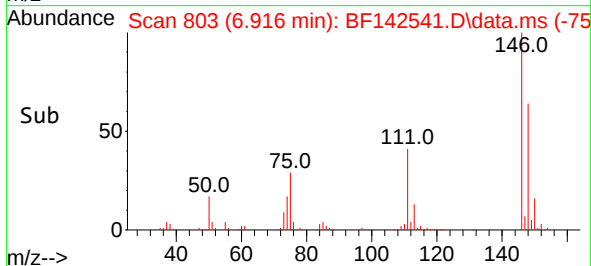
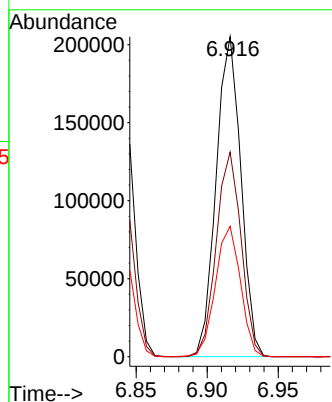
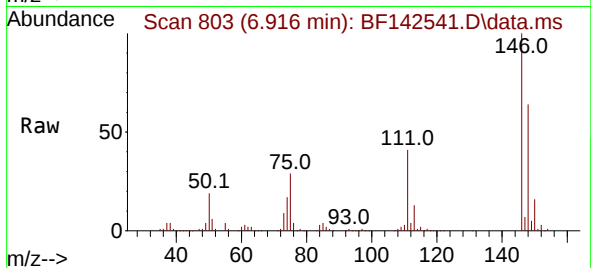
Tgt Ion:146 Resp: 248554

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

111 40.7 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 27.490 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

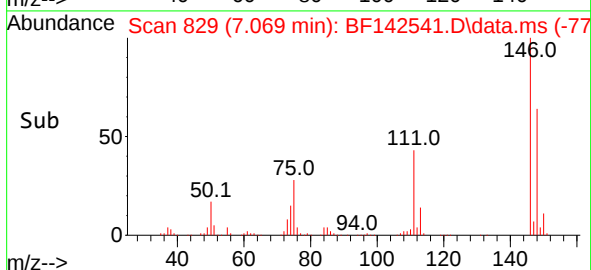
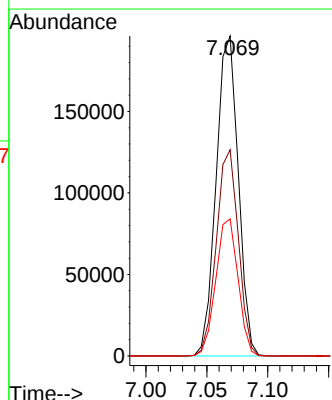
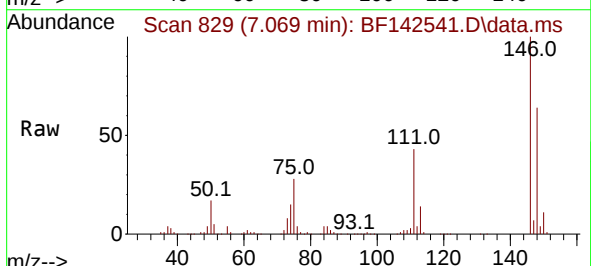
Tgt Ion:146 Resp: 248221

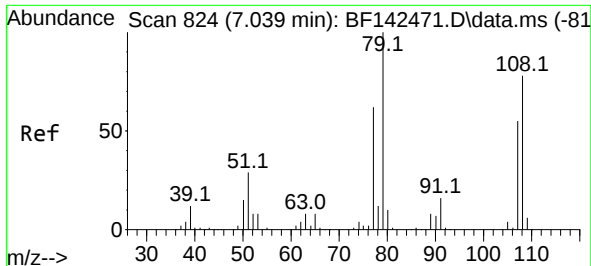
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

111 42.9 35.0 52.6

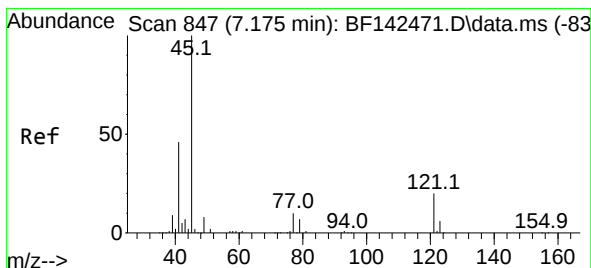
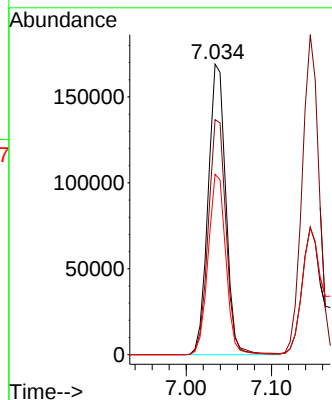
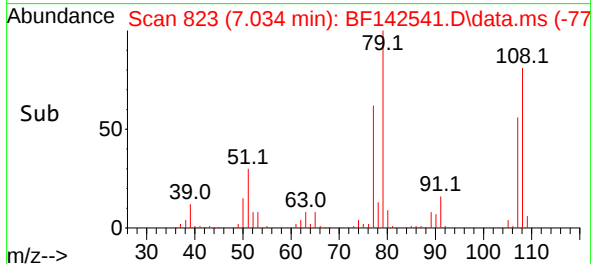
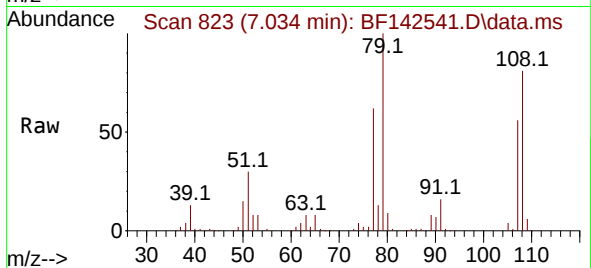




#15
Benzyl Alcohol
Concen: 35.464 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

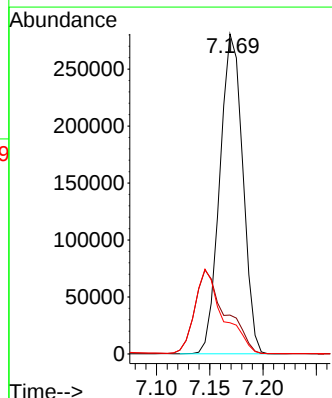
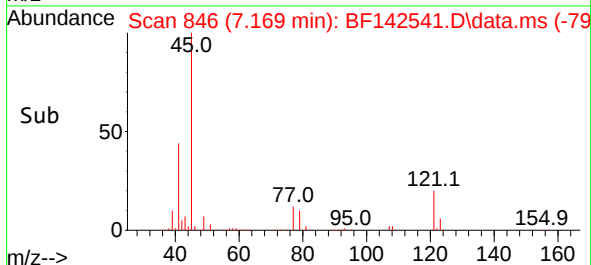
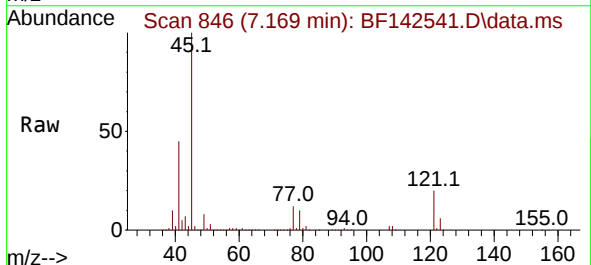
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

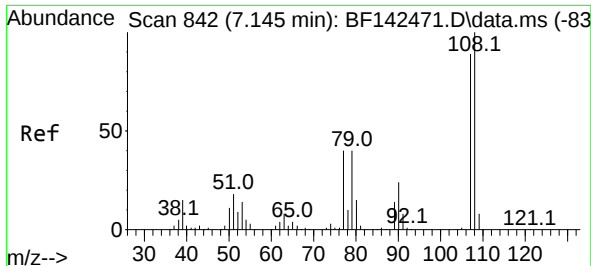
Tgt Ion: 79 Resp: 243165
Ion Ratio Lower Upper
79 100
108 80.9 62.1 93.1
77 62.1 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.246 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion: 45 Resp: 419583
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.0
79 9.8 0.0 29.2

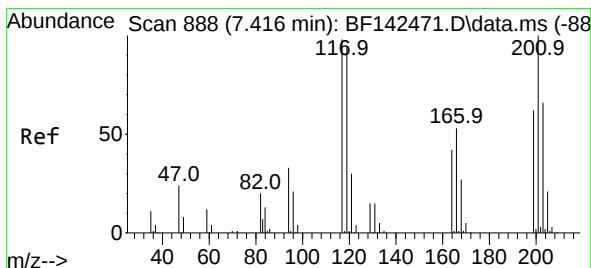
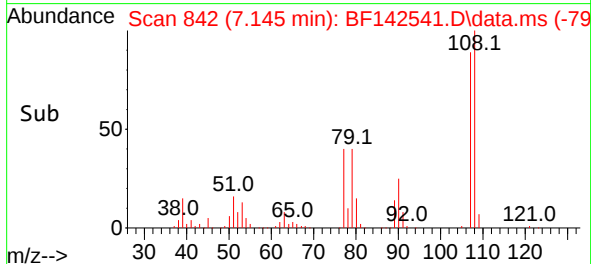
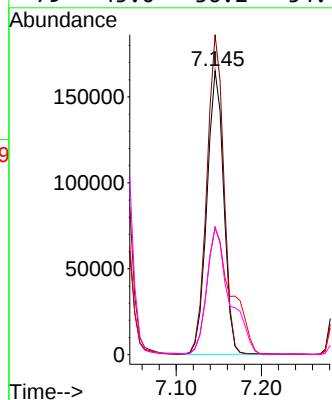
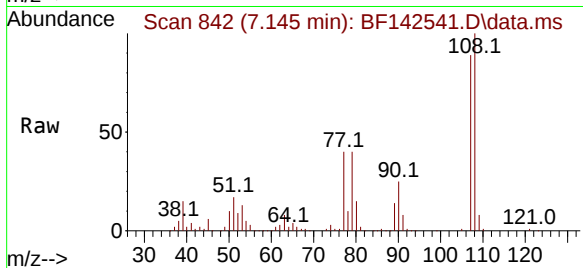




#17
2-Methylphenol
Concen: 34.526 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

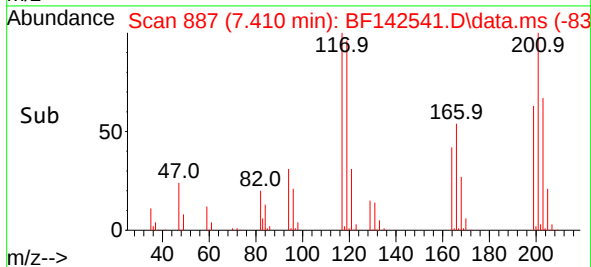
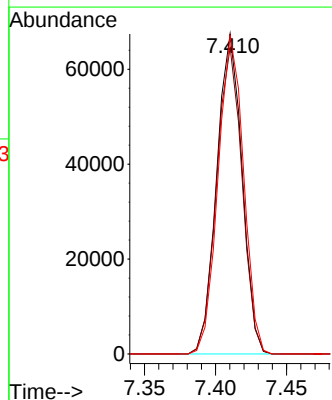
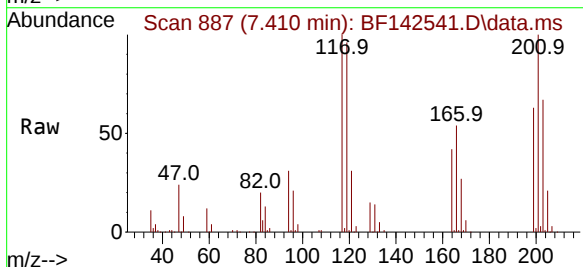
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

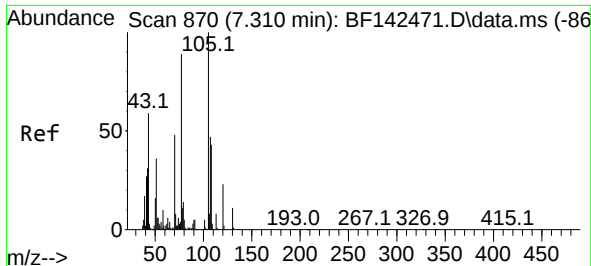
Tgt Ion:	107	Resp:	226306
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.2
77	44.6	36.1	54.1
79	45.0	36.2	54.4



#18
Hexachloroethane
Concen: 25.406 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:	117	Resp:	83716
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
201	99.5	81.3	121.9

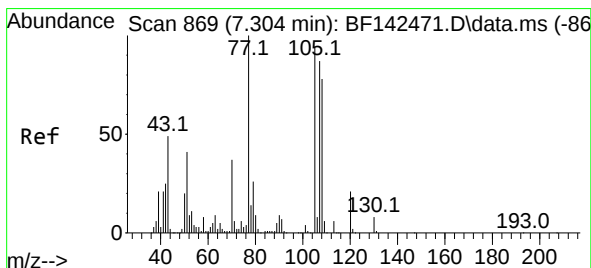
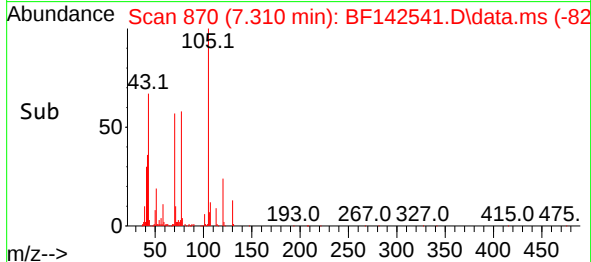
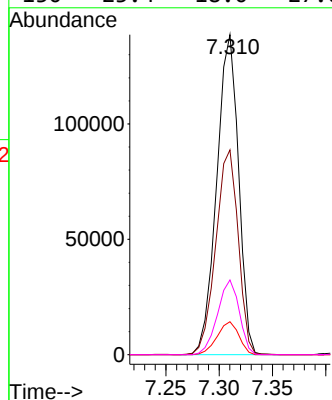
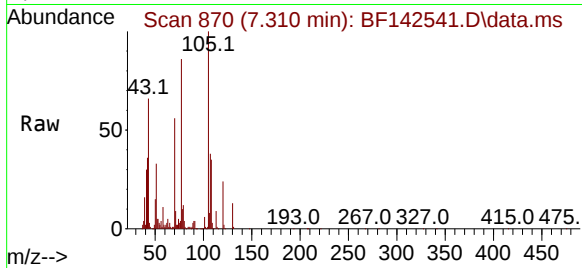




#19
n-Nitroso-di-n-propylamine
Concen: 34.358 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

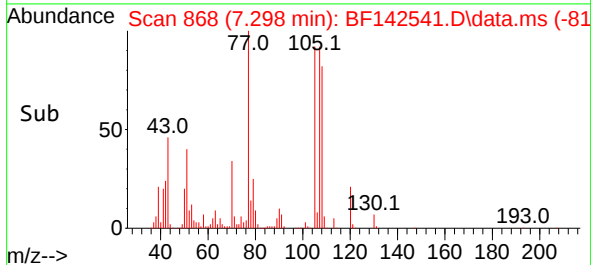
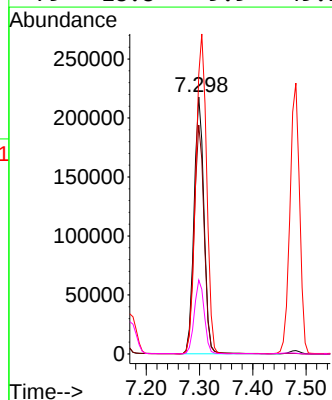
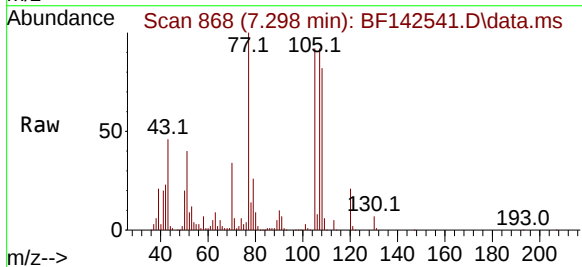
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

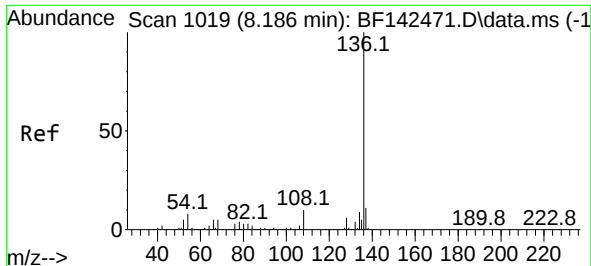
Tgt Ion:	70	Resp:	197568
Ion	Ratio	Lower	Upper
70	100		
42	64.0	52.4	78.6
101	10.3	7.8	11.8
130	23.4	18.0	27.0



#20
3+4-Methylphenols
Concen: 33.691 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:	107	Resp:	282793
Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.4	110.4
77	108.7	95.4	135.4
79	28.8	9.9	49.9



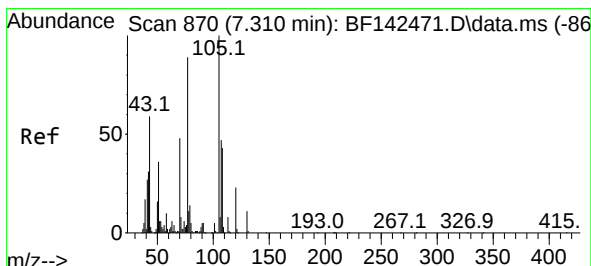
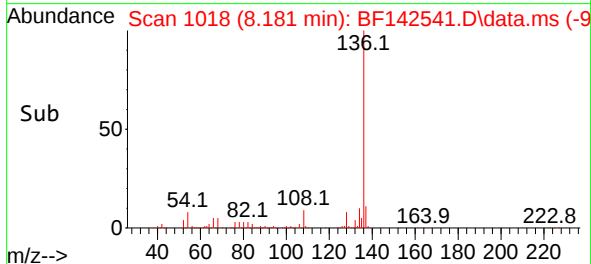
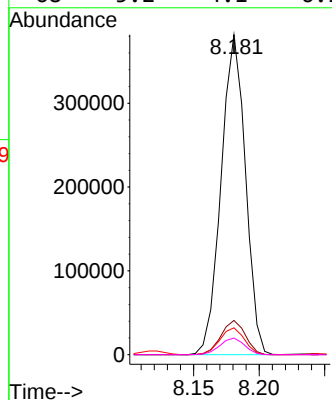
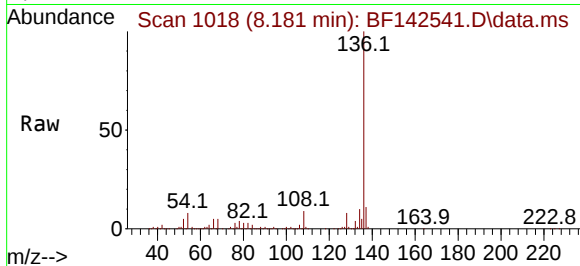


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

Tgt Ion:136 Resp: 492402

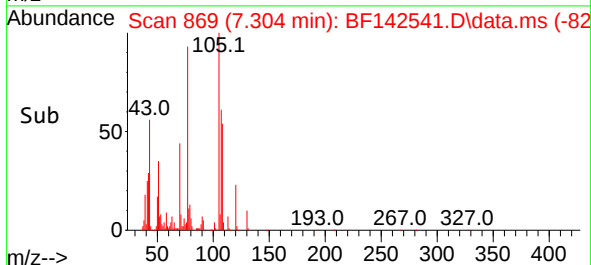
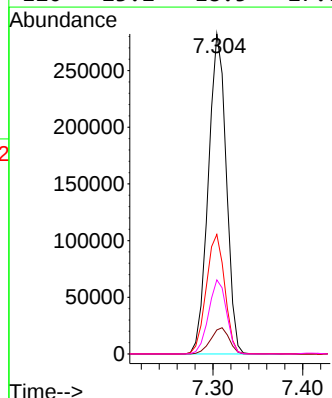
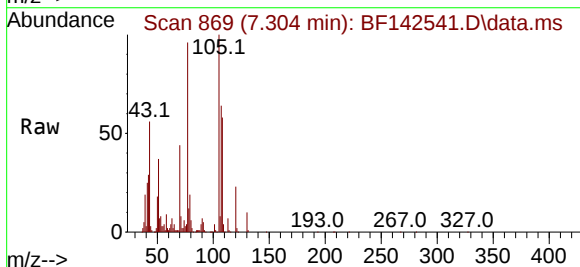
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.4	6.6	10.0
68	5.2	4.1	6.1

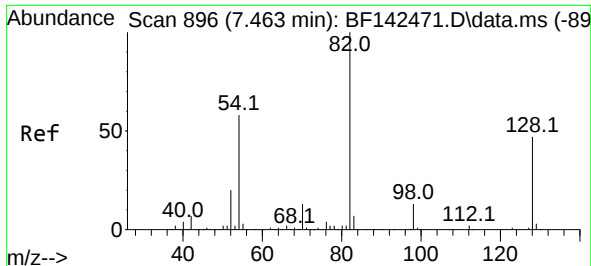


#22
Acetophenone
Concen: 35.915 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:105 Resp: 391485

Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.4	9.6
51	37.3	28.6	42.8
120	23.2	18.5	27.7

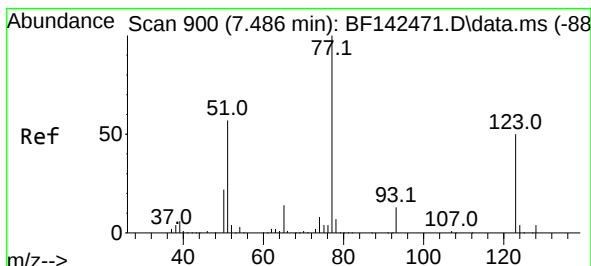
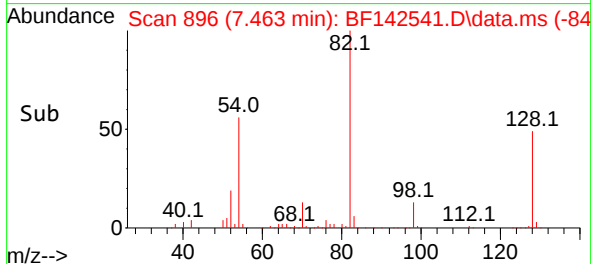
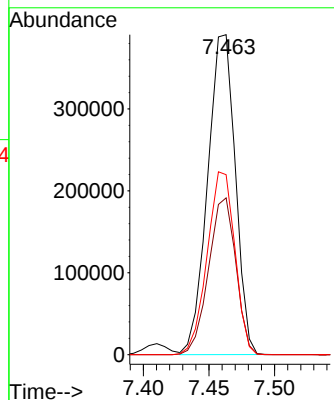
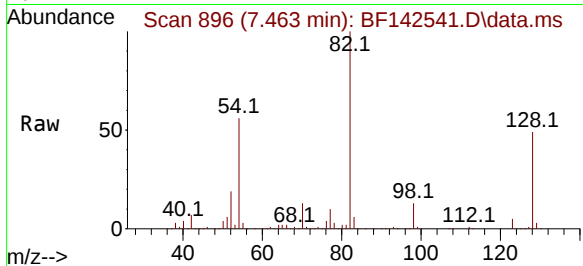




#23
Nitrobenzene-d5
Concen: 63.574 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

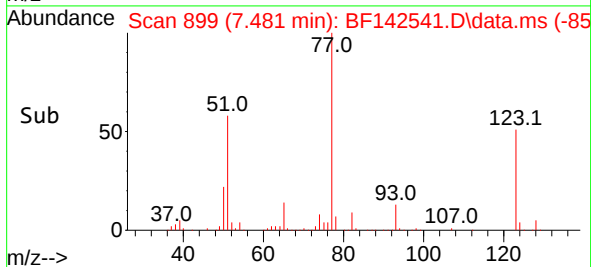
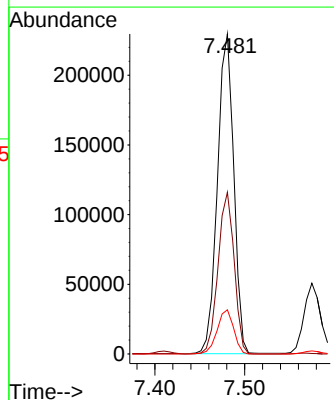
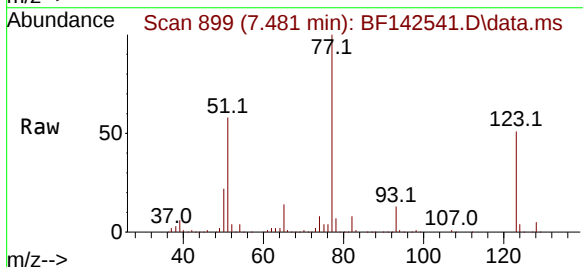
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

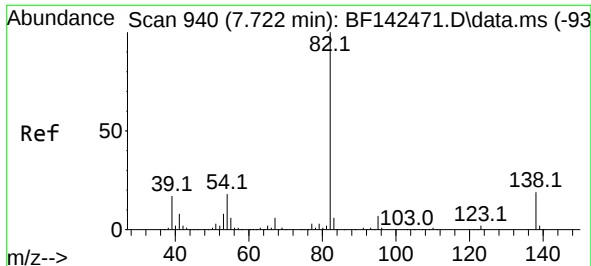
Tgt Ion: 82 Resp: 574078
Ion Ratio Lower Upper
82 100
128 49.0 37.4 56.2
54 56.2 46.6 70.0



#24
Nitrobenzene
Concen: 35.574 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion: 77 Resp: 289729
Ion Ratio Lower Upper
77 100
123 50.5 40.6 61.0
65 13.8 11.4 17.2

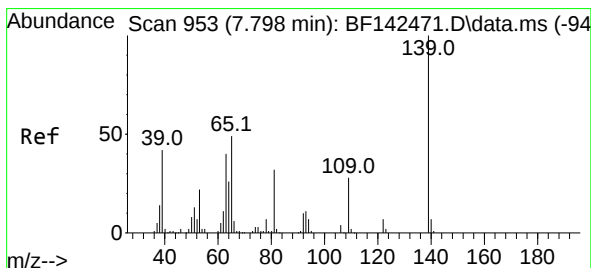
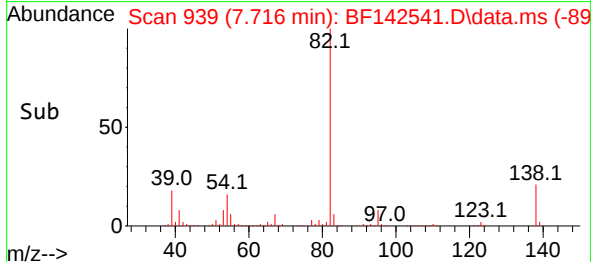
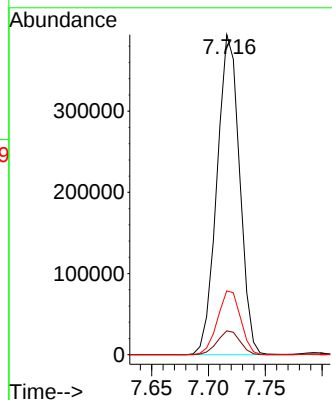
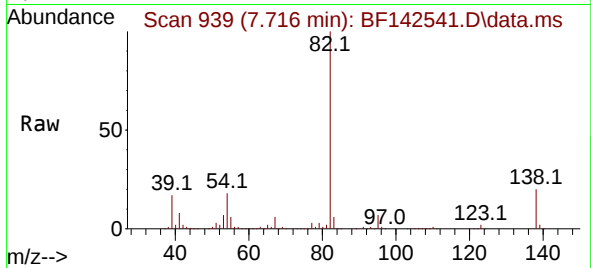




#25
Isophorone
Concen: 36.281 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

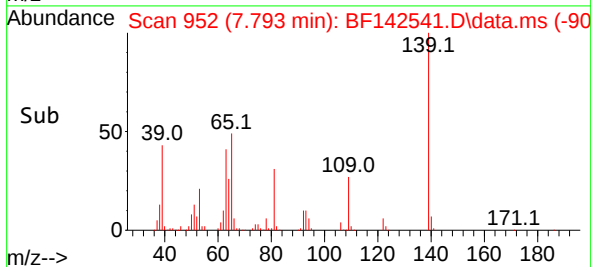
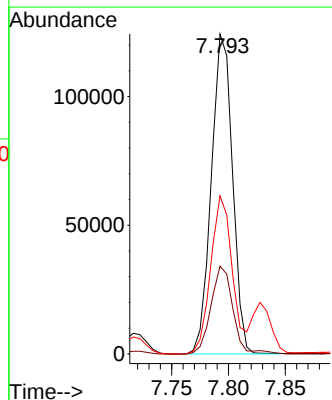
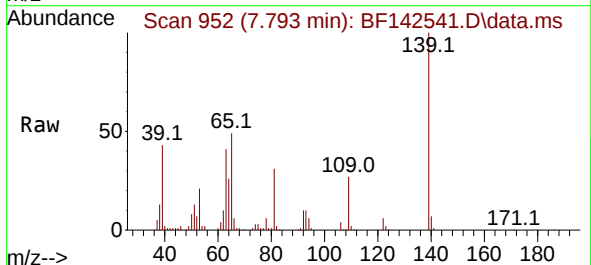
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

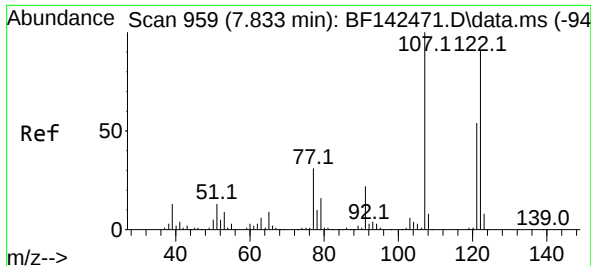
Tgt Ion: 82 Resp: 547757
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.0 15.5 23.3



#26
2-Nitrophenol
Concen: 37.059 ng
RT: 7.793 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:139 Resp: 161274
Ion Ratio Lower Upper
139 100
109 27.5 22.6 33.8
65 49.4 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 36.216 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

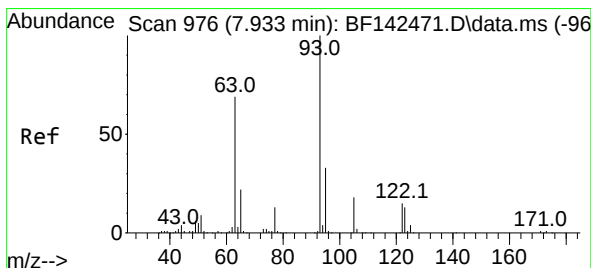
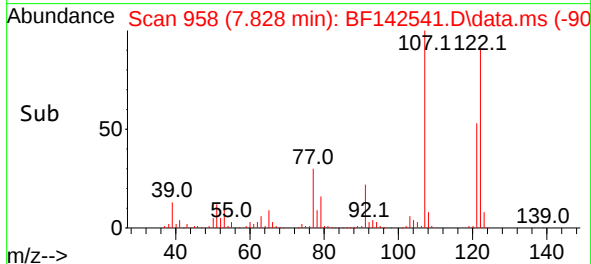
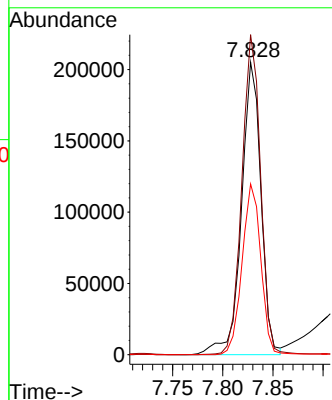
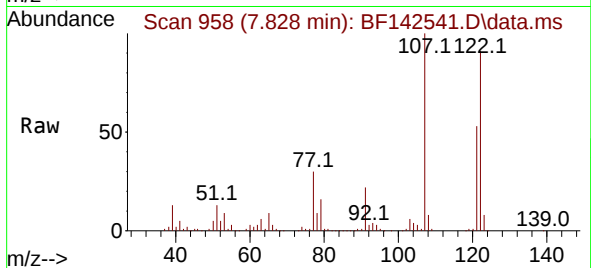
Tgt Ion:122 Resp: 277939

Ion Ratio Lower Upper

122 100

107 109.4 88.1 132.1

121 58.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 36.167 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

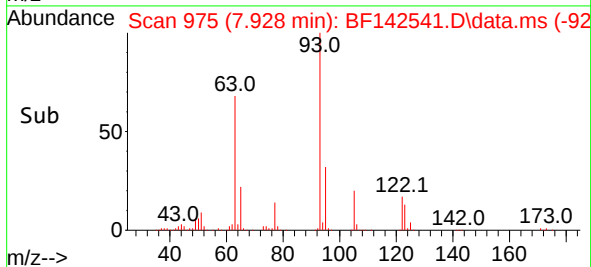
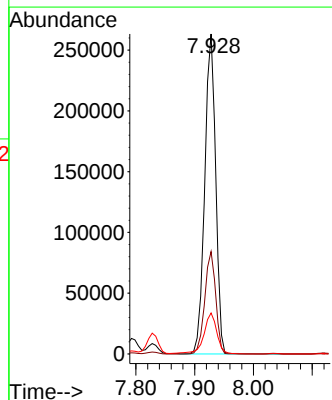
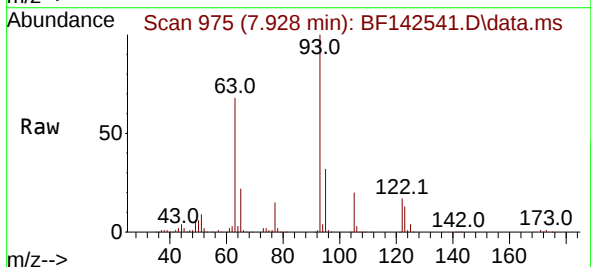
Tgt Ion: 93 Resp: 341099

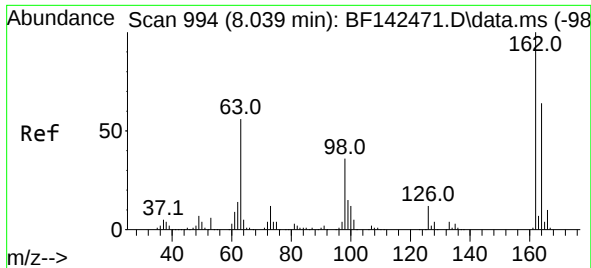
Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

123 12.8 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 36.617 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

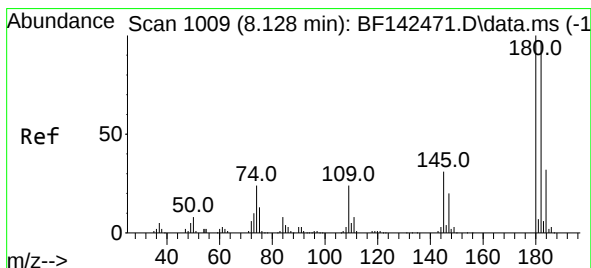
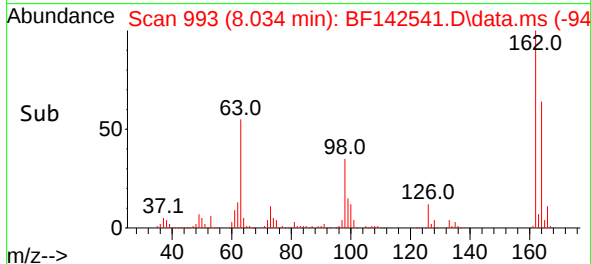
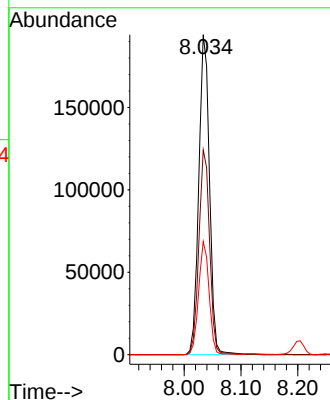
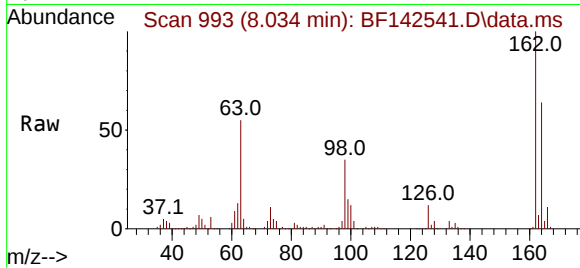
Tgt Ion:162 Resp: 255559

Ion Ratio Lower Upper

162 100

164 64.0 43.7 83.7

98 35.4 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 33.634 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

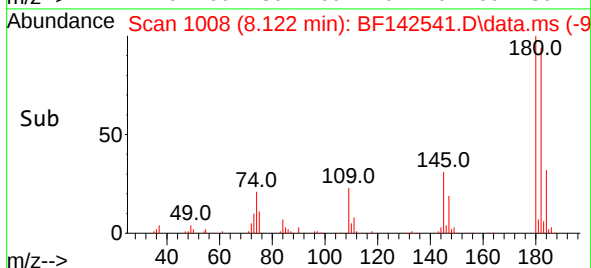
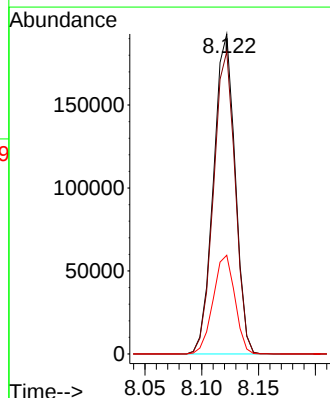
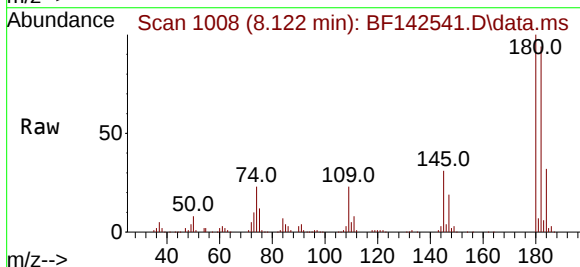
Tgt Ion:180 Resp: 254758

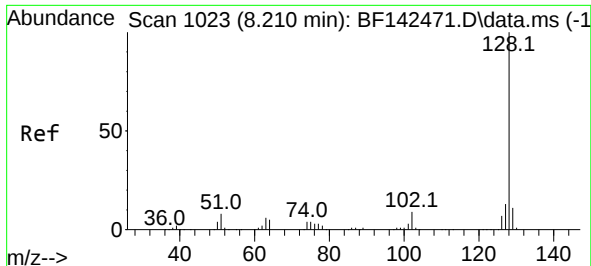
Ion Ratio Lower Upper

180 100

182 94.5 78.0 117.0

145 30.8 25.0 37.6

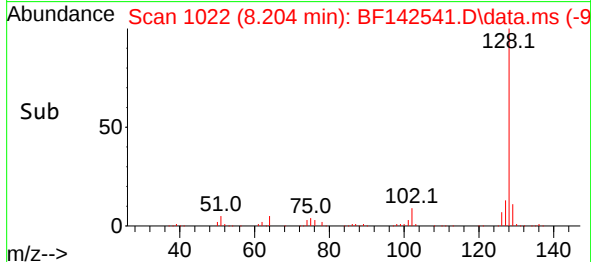
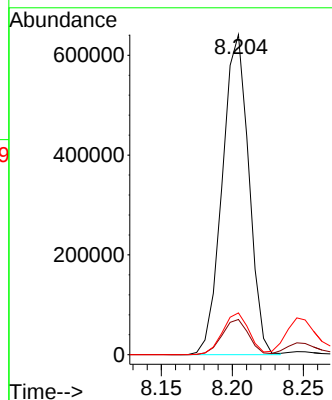
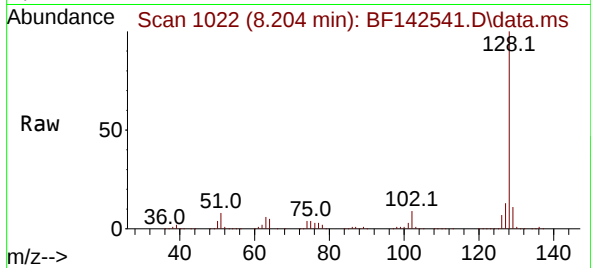




#31
Naphthalene
Concen: 34.317 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

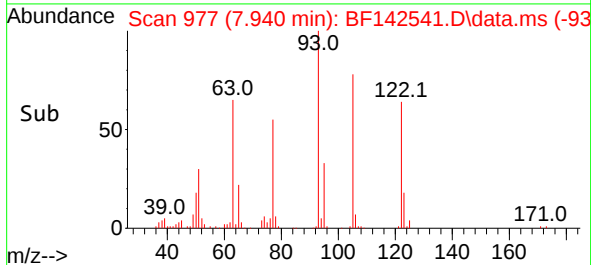
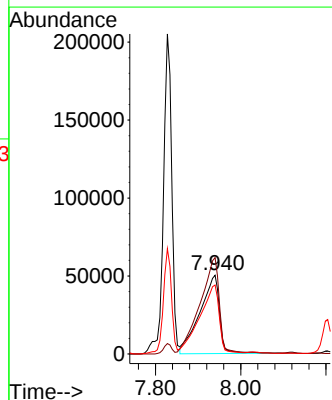
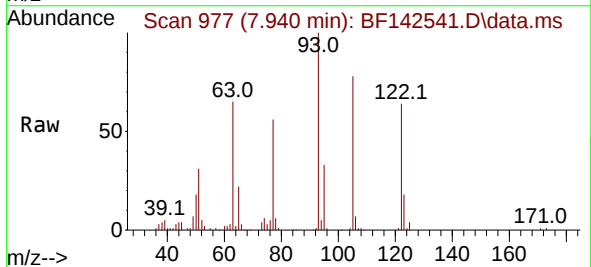
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

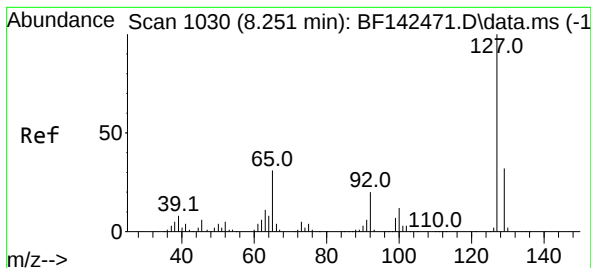
Tgt Ion:128 Resp: 832047
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 34.484 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.035 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:122 Resp: 161096
Ion Ratio Lower Upper
122 100
105 122.3 101.7 141.7
77 87.7 69.5 109.5





#33

4-Chloroaniline

Concen: 12.281 ng

RT: 8.245 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

Tgt Ion:127 Resp: 120655

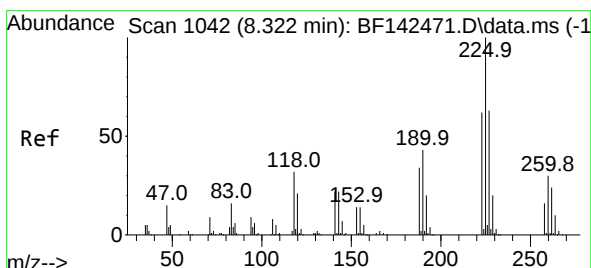
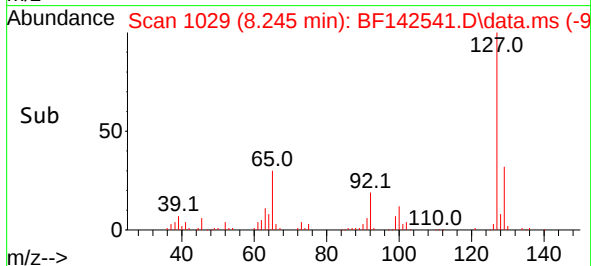
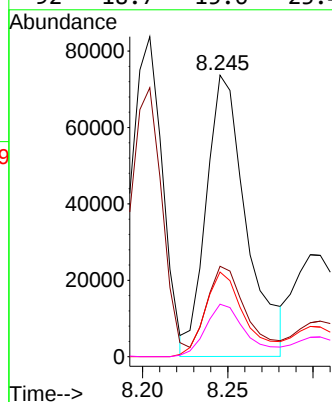
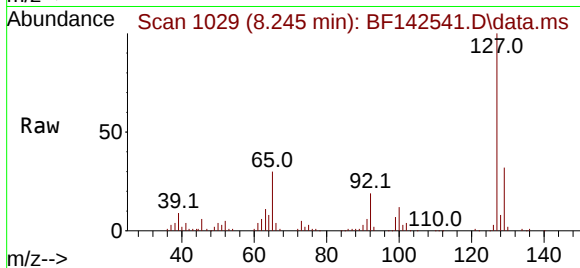
Ion Ratio Lower Upper

127 100

129 32.1 26.1 39.1

65 30.1 24.9 37.3

92 18.7 15.6 23.4



#34

Hexachlorobutadiene

Concen: 31.319 ng

RT: 8.316 min Scan# 1041

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

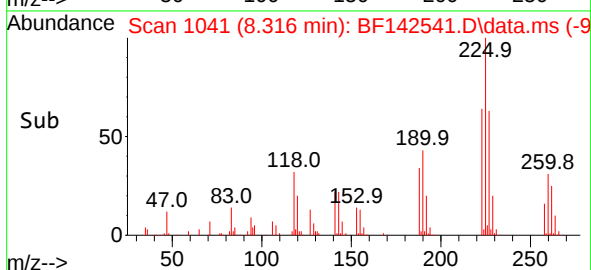
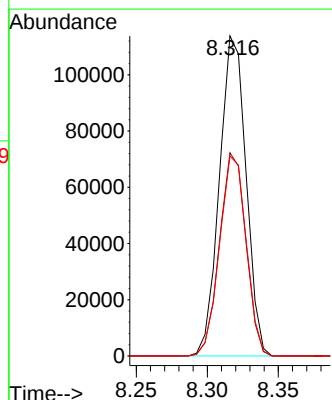
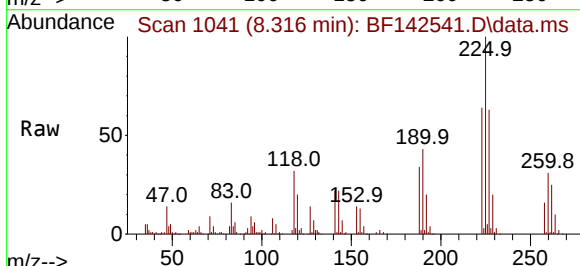
Tgt Ion:225 Resp: 148123

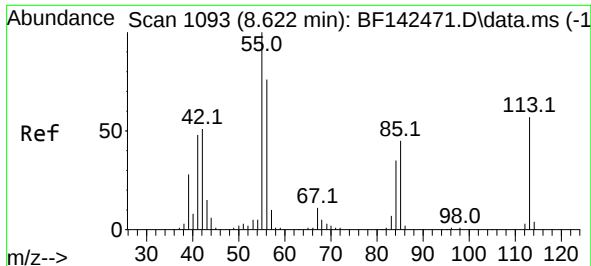
Ion Ratio Lower Upper

225 100

223 63.5 49.7 74.5

227 62.5 50.3 75.5

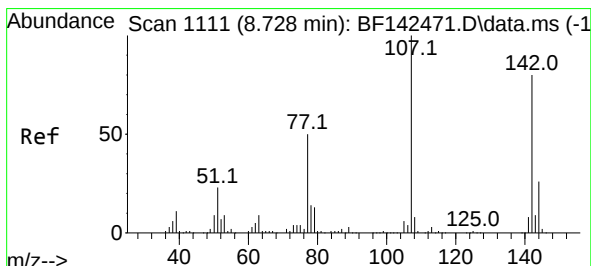
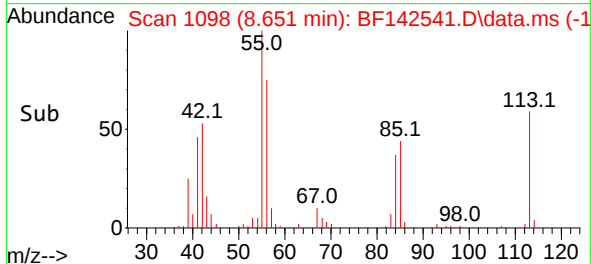
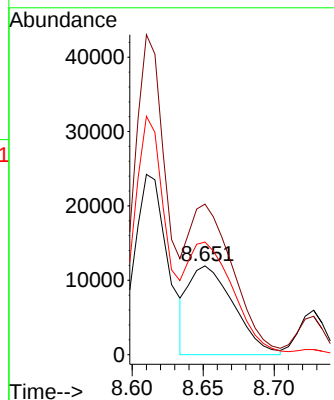
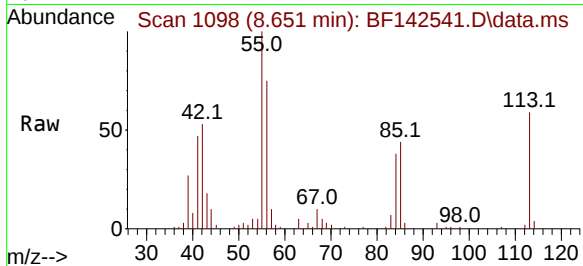




#35
 Caprolactam
 Concen: 13.450 ng
 RT: 8.651 min Scan# 1098
 Delta R.T. 0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

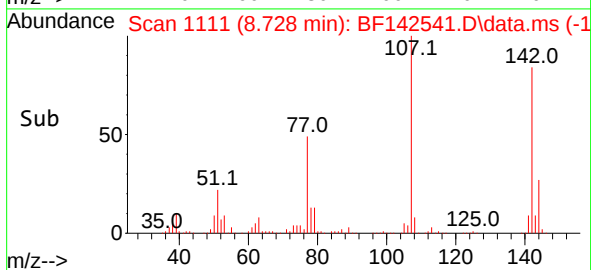
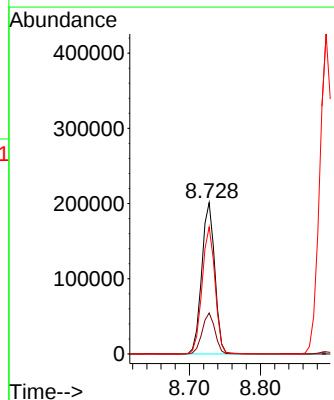
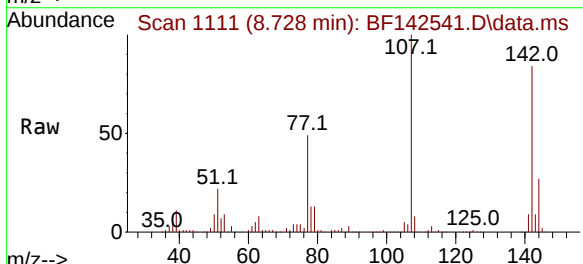
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MSD

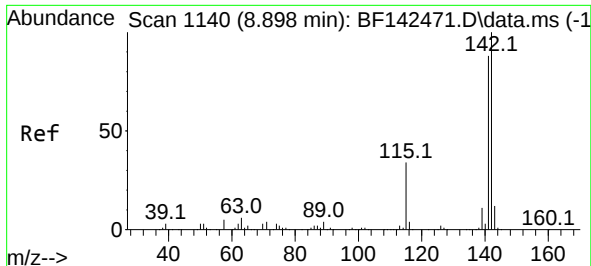
Tgt Ion:113 Resp: 26364
 Ion Ratio Lower Upper
 113 100
 55 169.7 154.7 194.7
 56 127.0 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 36.145 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

Tgt Ion:107 Resp: 258533
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.9 31.3
 142 83.9 64.2 96.2

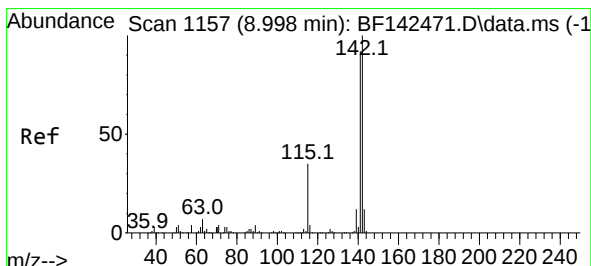
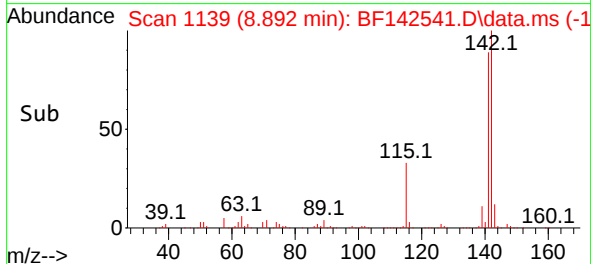
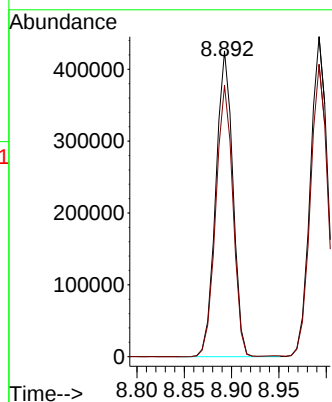
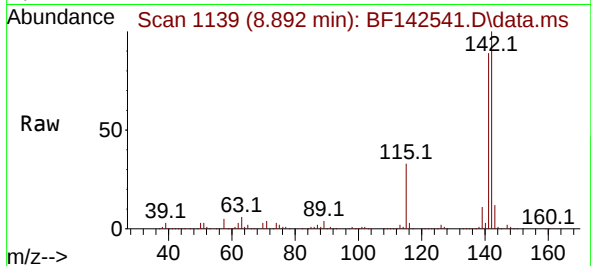




#37
2-Methylnaphthalene
Concen: 35.103 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

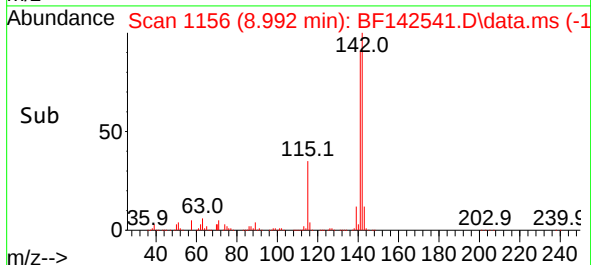
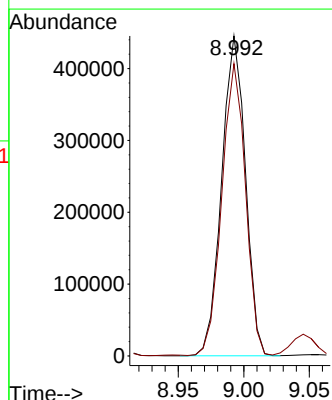
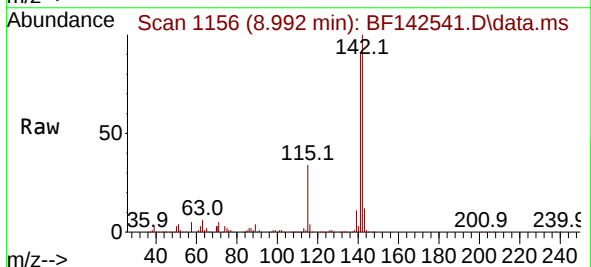
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

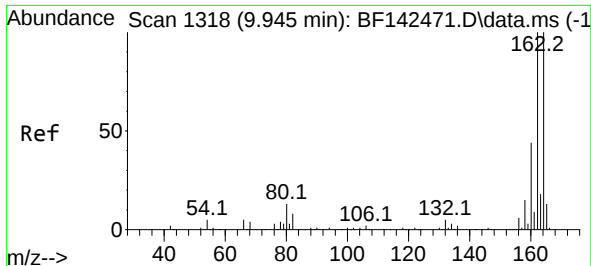
Tgt Ion:142 Resp: 535441
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1



#38
1-Methylnaphthalene
Concen: 35.512 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:142 Resp: 560300
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

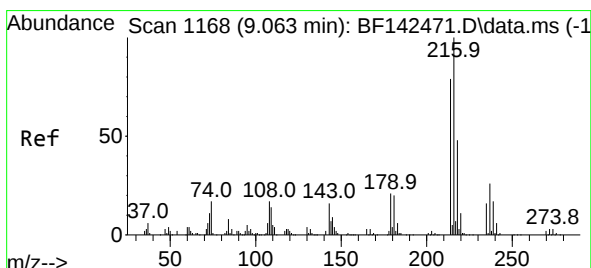
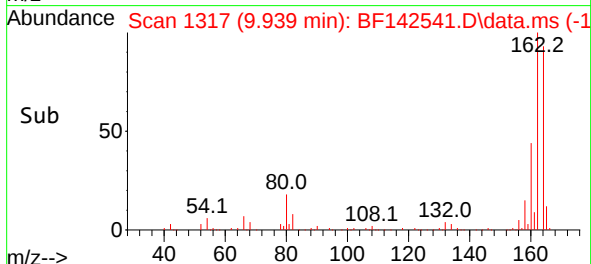
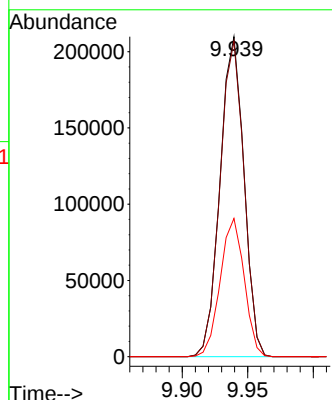
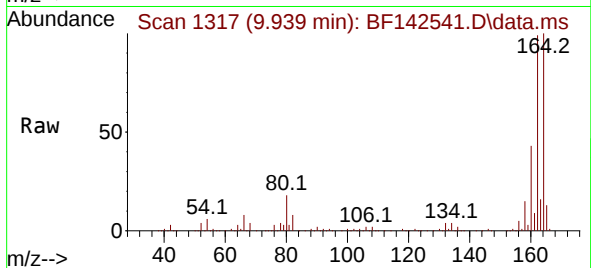
Tgt Ion:164 Resp: 265988

Ion Ratio Lower Upper

164 100

162 98.6 80.2 120.4

160 43.2 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.045 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Tgt Ion:216 Resp: 275214

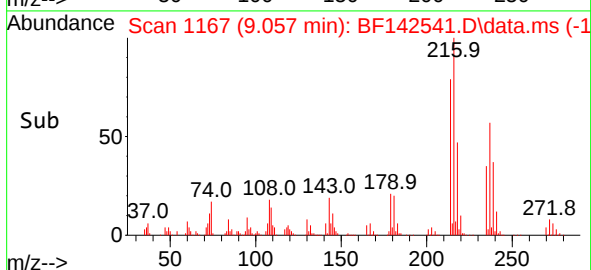
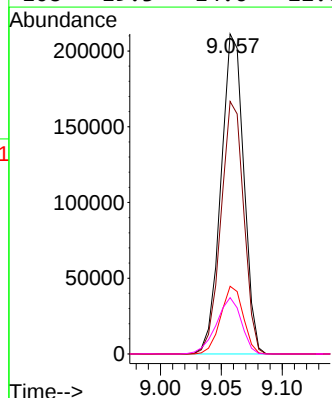
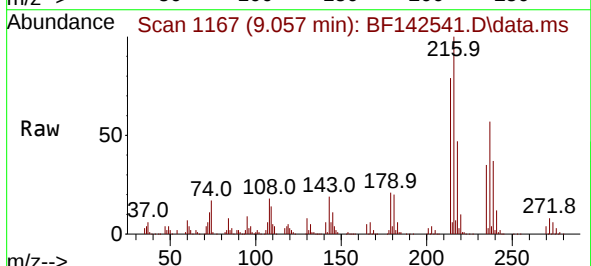
Ion Ratio Lower Upper

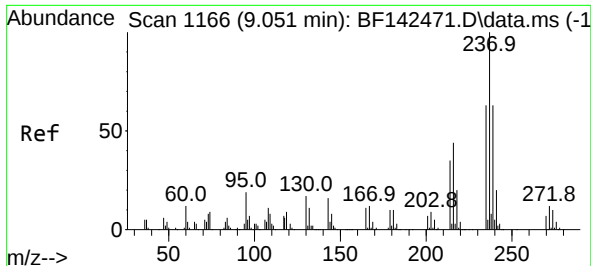
216 100

214 78.6 62.9 94.3

179 20.9 16.9 25.3

108 19.3 14.6 22.0

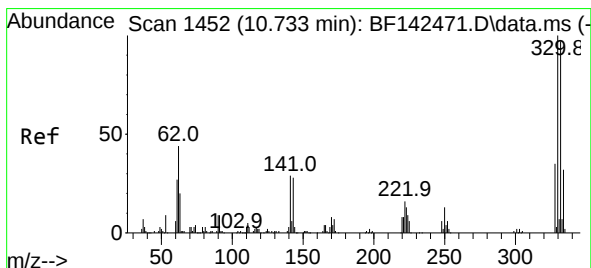
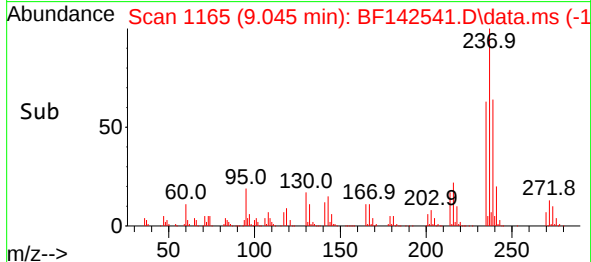
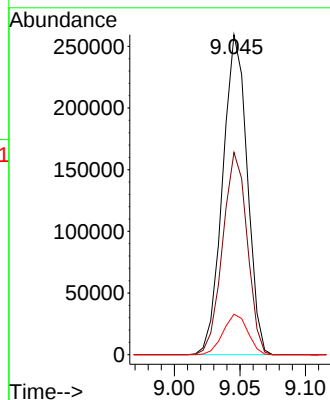
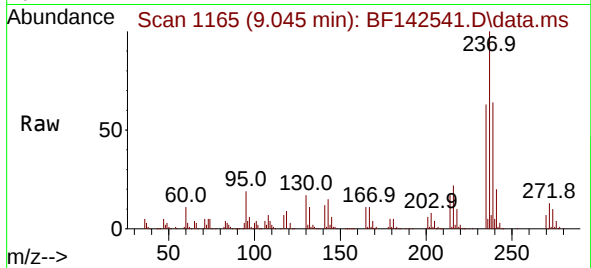




#41
Hexachlorocyclopentadiene
Concen: 65.463 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

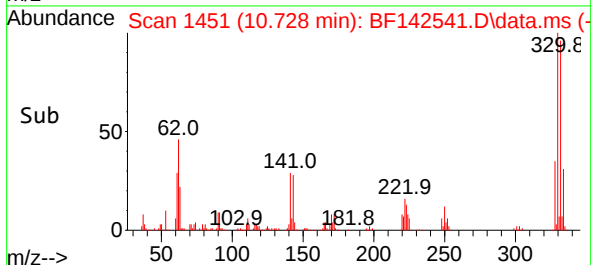
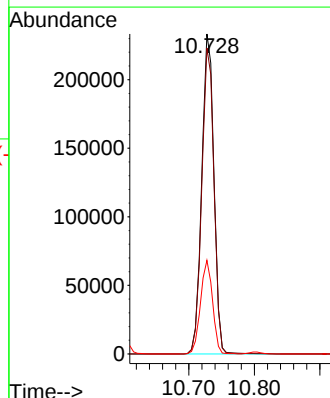
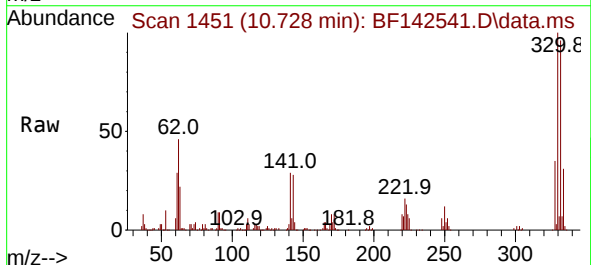
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

Tgt Ion:237 Resp: 337183
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 12.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 102.149 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:330 Resp: 301556
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 28.9 24.6 36.8

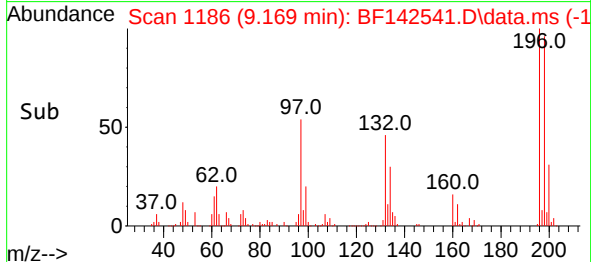
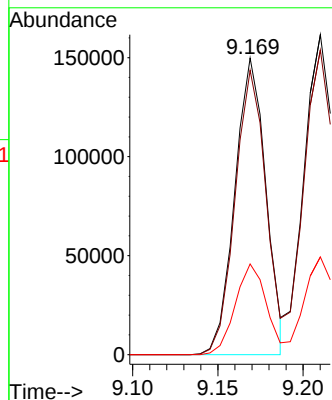
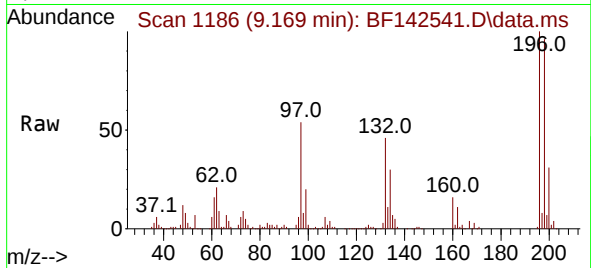




#43
2,4,6-Trichlorophenol
Concen: 36.816 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

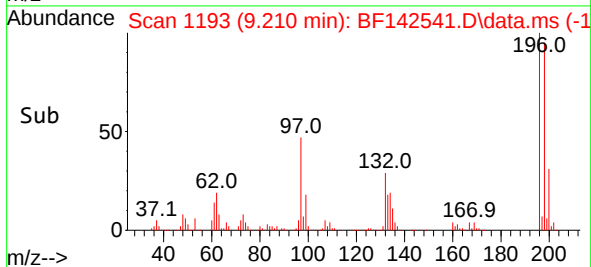
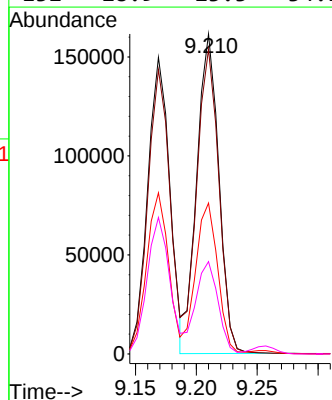
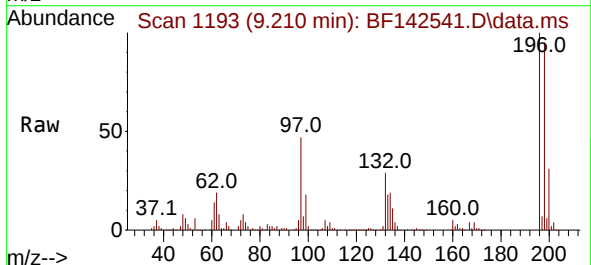
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

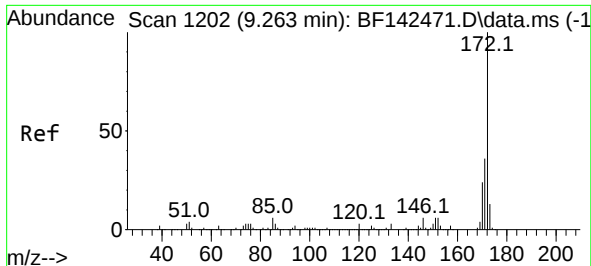
Tgt Ion:196 Resp: 189551
Ion Ratio Lower Upper
196 100
198 95.8 78.8 118.2
200 30.6 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 37.402 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:196 Resp: 203092
Ion Ratio Lower Upper
196 100
198 95.2 75.5 113.3
97 47.1 39.3 58.9
132 28.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 60.579 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

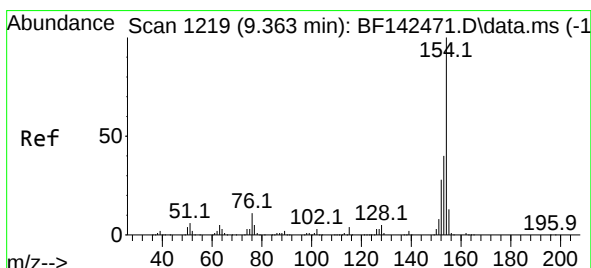
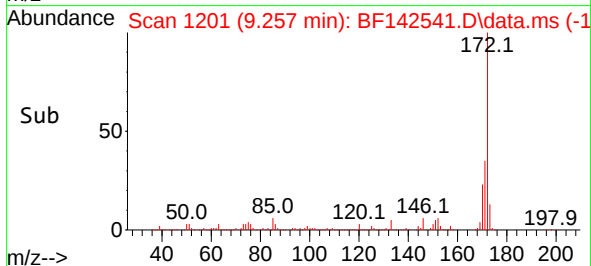
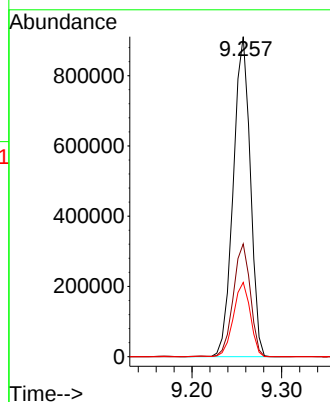
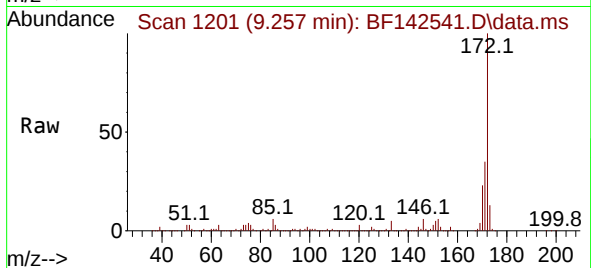
Tgt Ion:172 Resp: 1200818

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.2 18.9 28.3



#46

1,1'-Biphenyl

Concen: 36.140 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

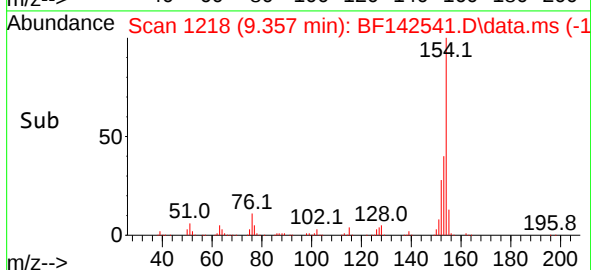
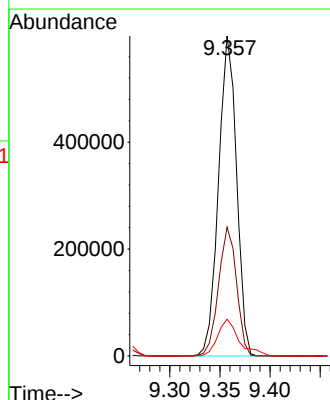
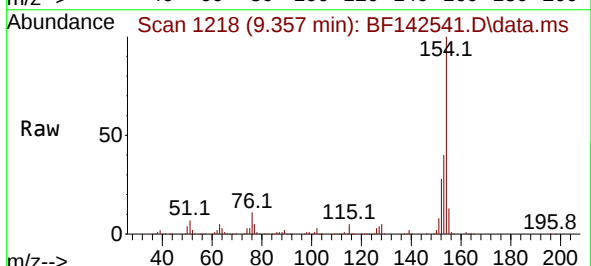
Tgt Ion:154 Resp: 745787

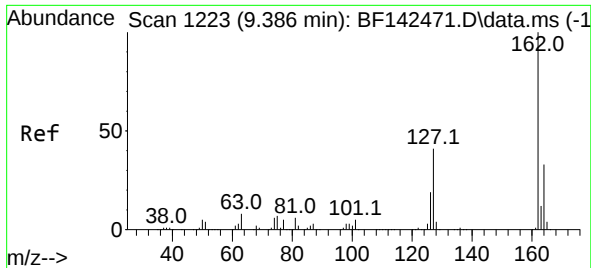
Ion Ratio Lower Upper

154 100

153 40.2 20.4 60.4

76 11.5 0.0 30.8

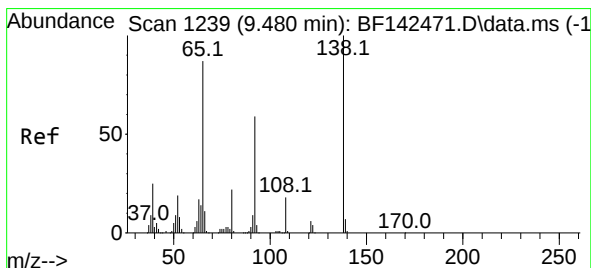
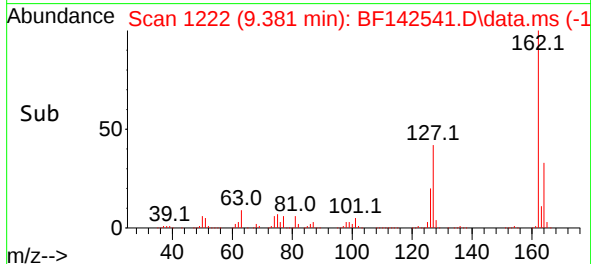
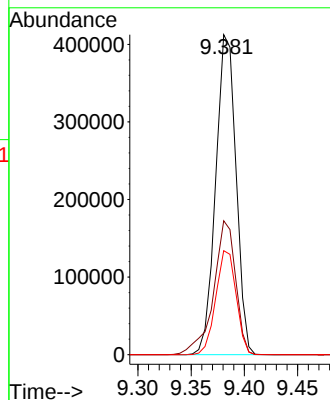
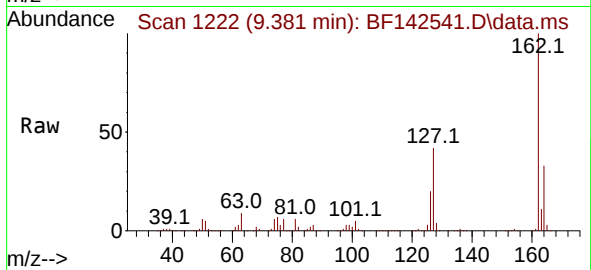




#47
2-Chloronaphthalene
Concen: 35.902 ng
RT: 9.381 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

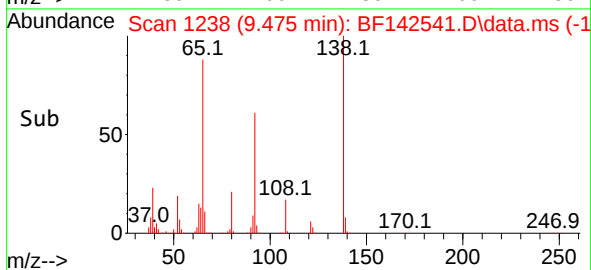
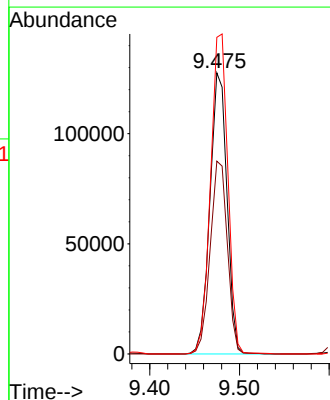
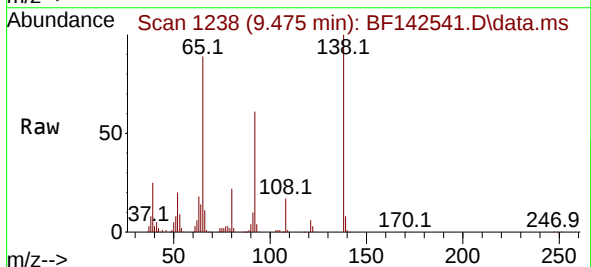
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

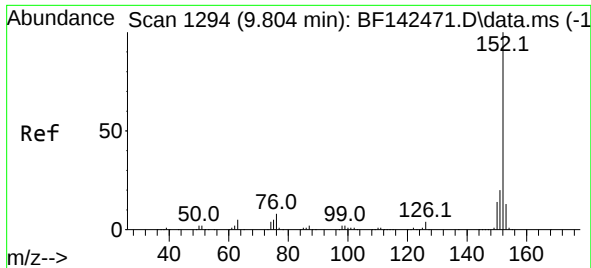
Tgt Ion:162 Resp: 547387
Ion Ratio Lower Upper
162 100
127 41.8 33.5 50.3
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 38.291 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion: 65 Resp: 168745
Ion Ratio Lower Upper
65 100
92 68.6 54.4 81.6
138 112.6 91.4 137.2

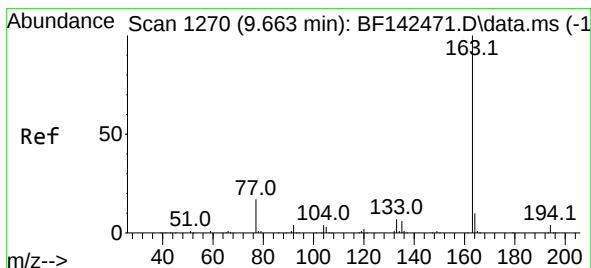
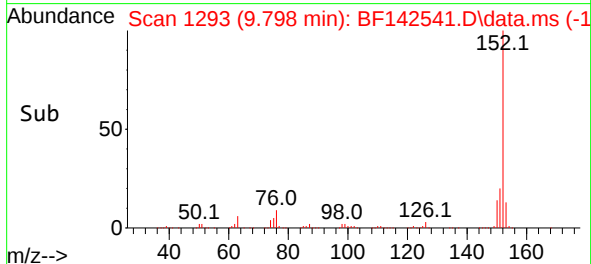
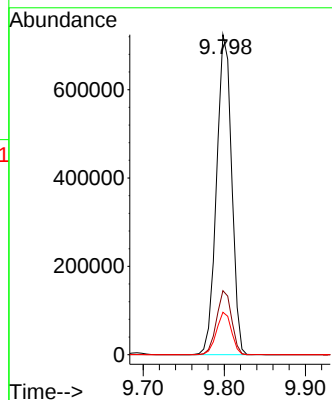
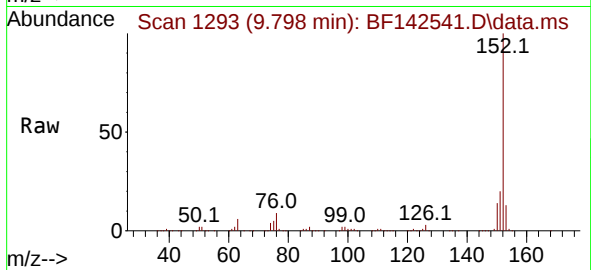




#49
Acenaphthylene
Concen: 36.465 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

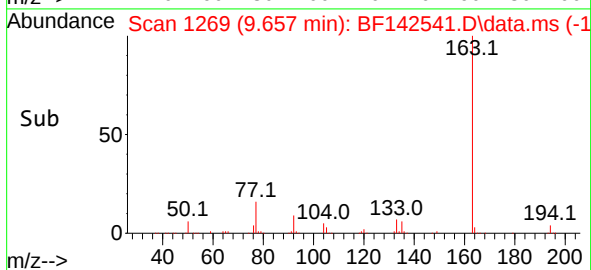
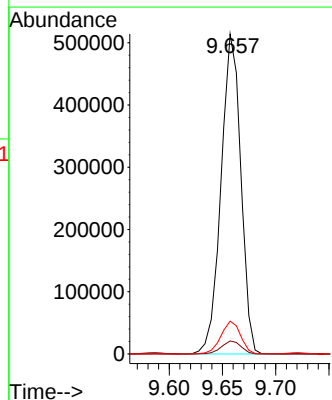
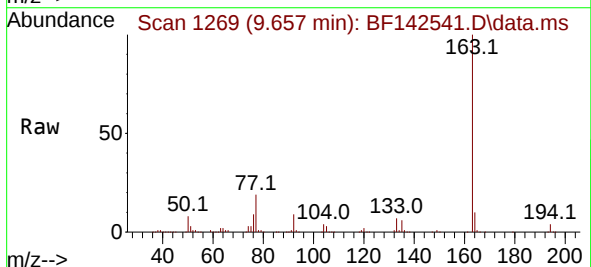
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

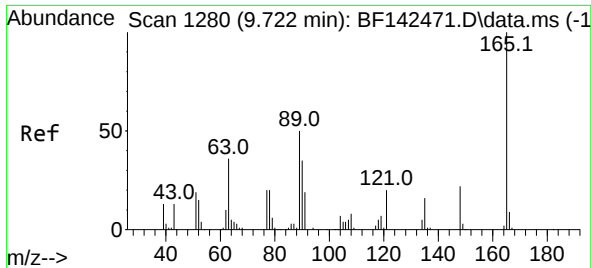
Tgt Ion:152 Resp: 938782
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 37.746 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:163 Resp: 662468
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.2 12.4

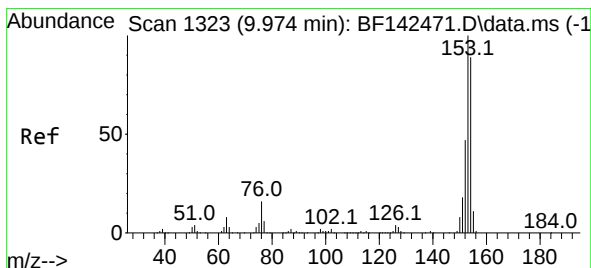
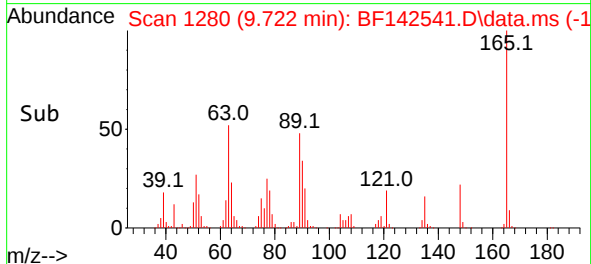
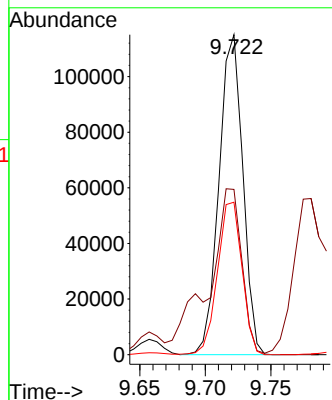
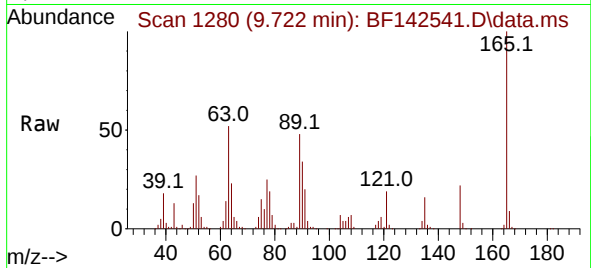




#51
2,6-Dinitrotoluene
Concen: 38.330 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

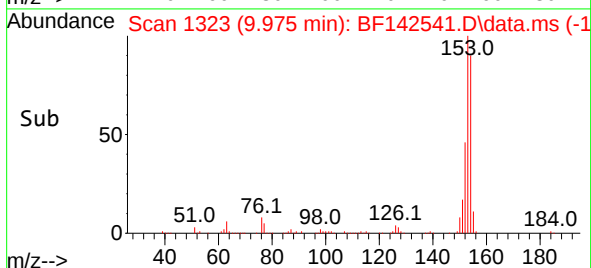
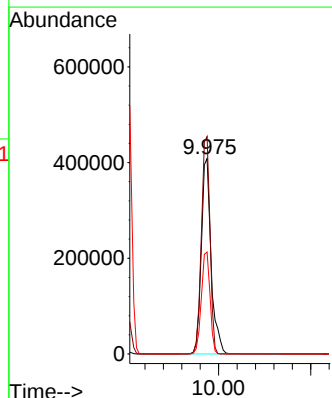
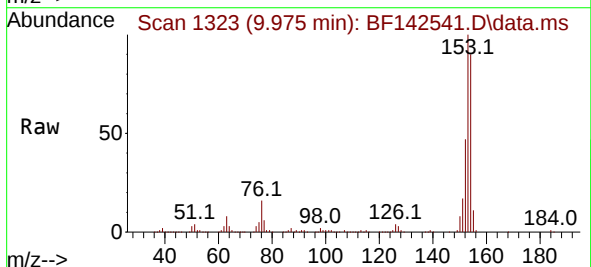
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

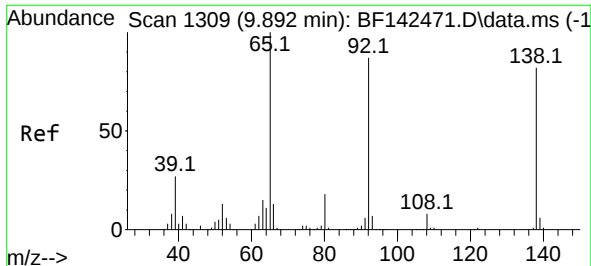
Tgt Ion:165 Resp: 145196
Ion Ratio Lower Upper
165 100
63 51.7 42.9 64.3
89 47.6 40.2 60.4



#52
Acenaphthene
Concen: 38.512 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:154 Resp: 605421
Ion Ratio Lower Upper
154 100
153 111.3 90.0 135.0
152 52.2 42.6 64.0

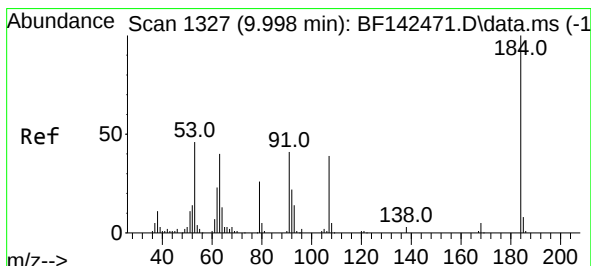
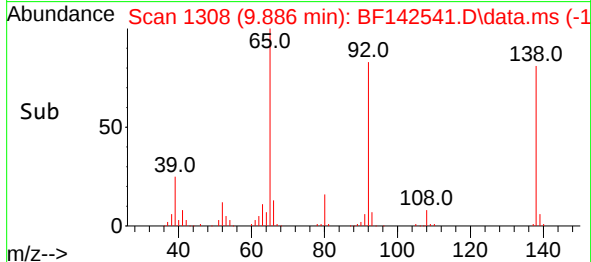
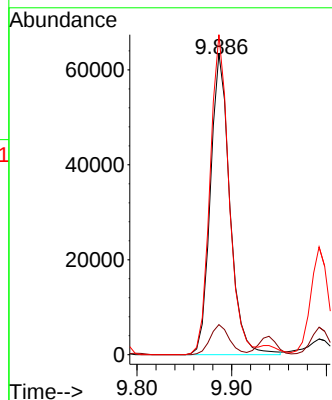
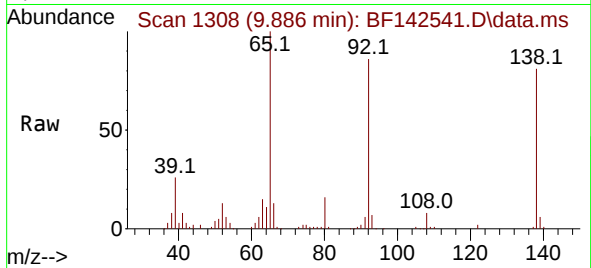




#53
3-Nitroaniline
Concen: 21.846 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

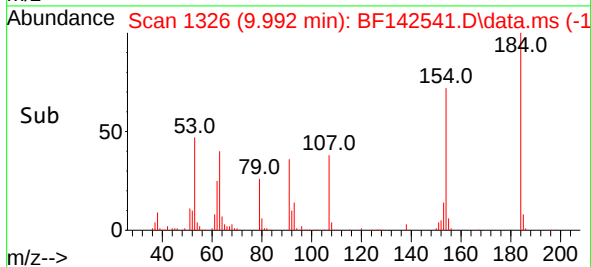
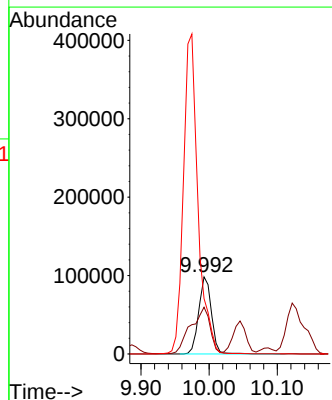
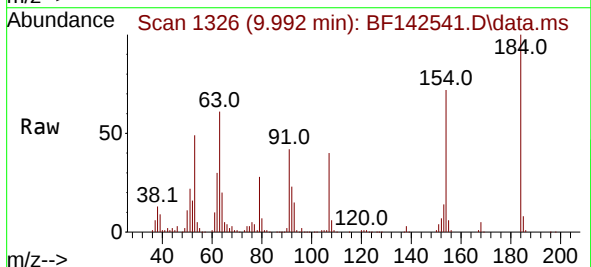
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

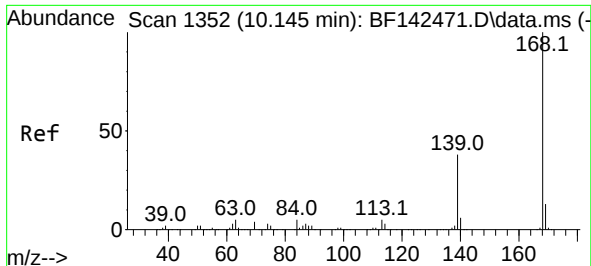
Tgt Ion:138 Resp: 90384
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 106.2 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 64.917 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:184 Resp: 127044
Ion Ratio Lower Upper
184 100
63 60.6 46.3 69.5
154 71.8 56.8 85.2

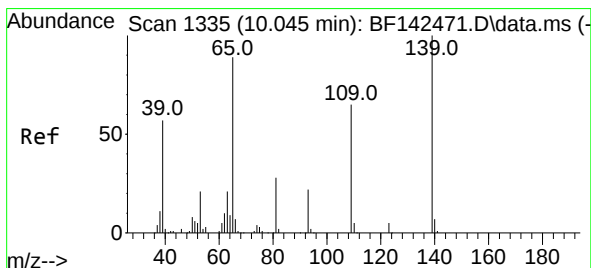
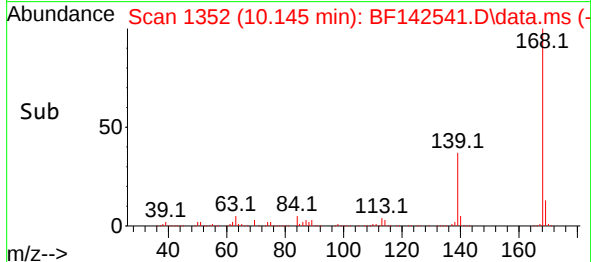
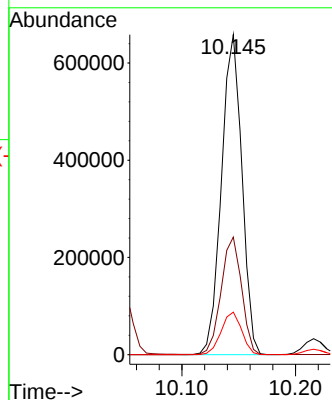
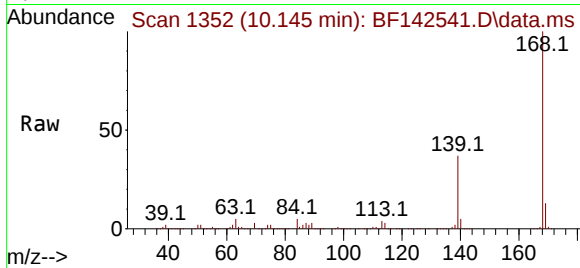




#55
Dibenzofuran
Concen: 36.451 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

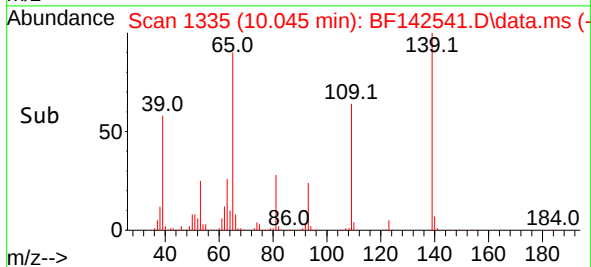
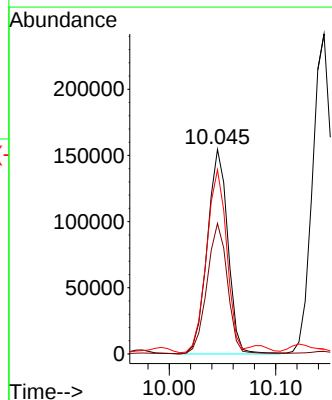
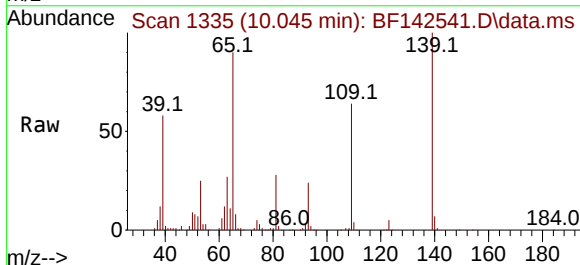
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

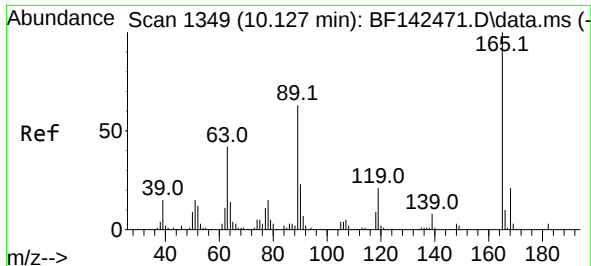
Tgt Ion:168 Resp: 824604
Ion Ratio Lower Upper
168 100
139 36.7 30.2 45.2
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 68.155 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

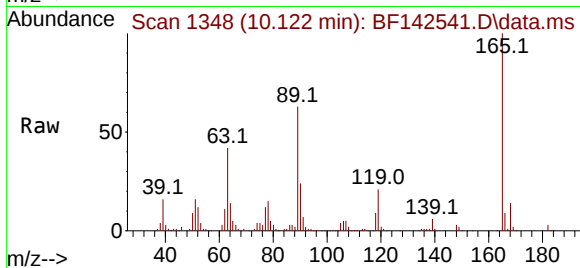
Tgt Ion:139 Resp: 208062
Ion Ratio Lower Upper
139 100
109 63.8 45.1 85.1
65 90.0 69.7 109.7



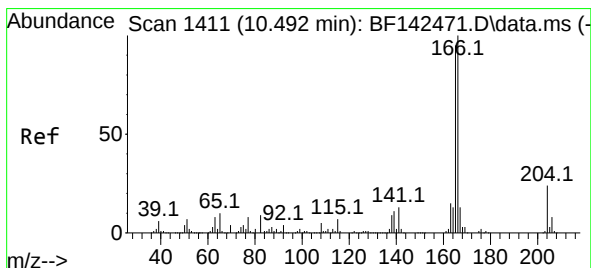
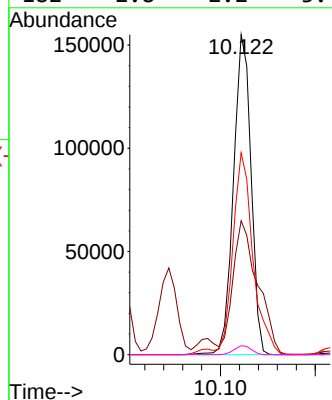
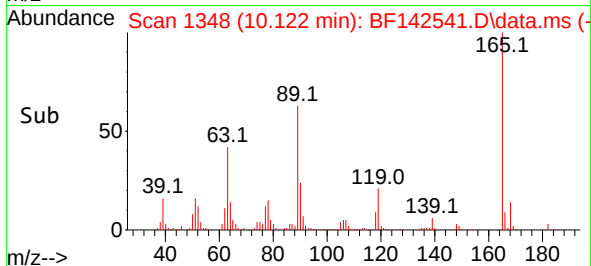


#57
2,4-Dinitrotoluene
Concen: 40.293 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

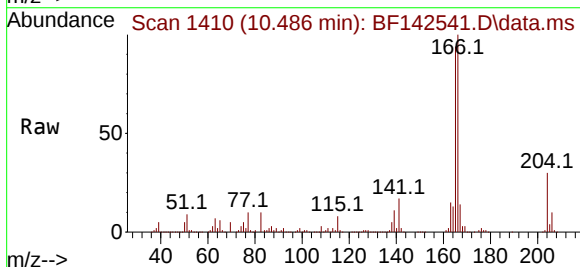
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



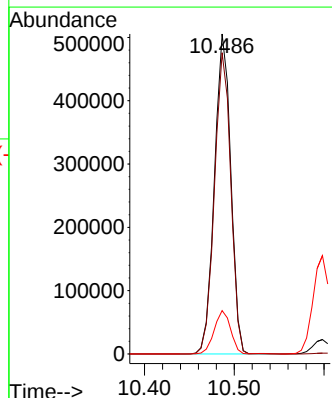
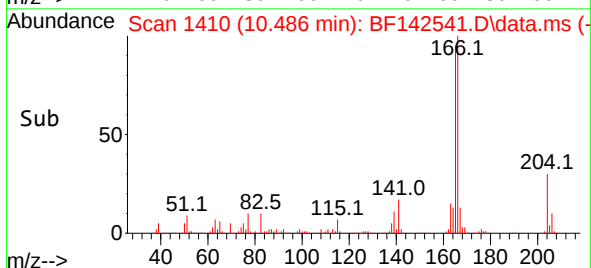
Tgt Ion:165 Resp: 199329
Ion Ratio Lower Upper
165 100
63 41.9 33.6 50.4
89 63.1 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 36.551 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



Tgt Ion:166 Resp: 638793
Ion Ratio Lower Upper
166 100
165 94.2 75.8 113.8
167 13.6 10.6 16.0

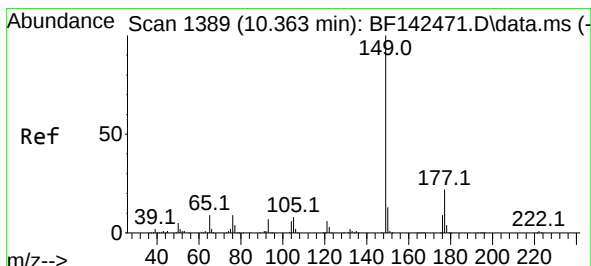
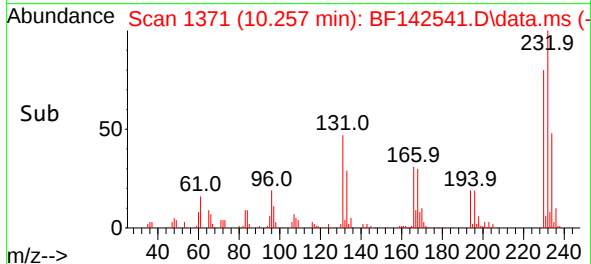
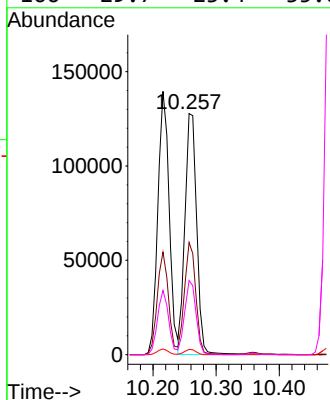
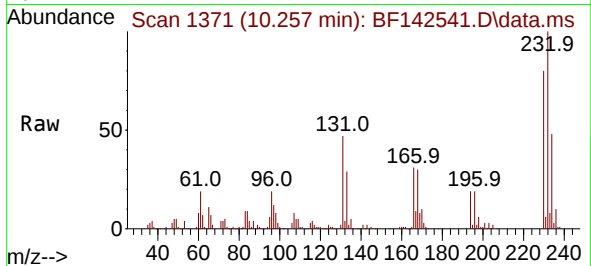




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.617 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

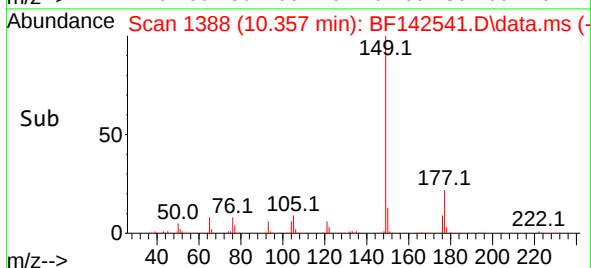
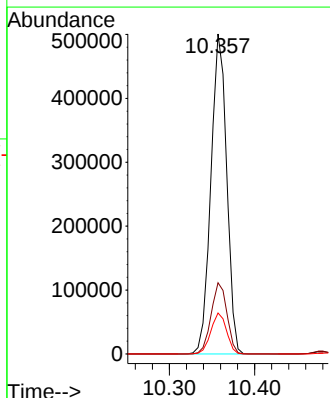
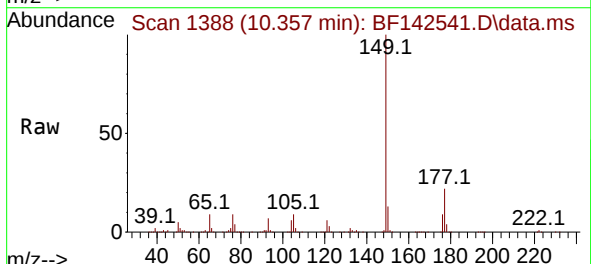
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

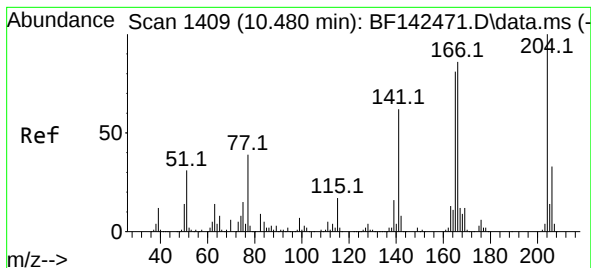
Tgt Ion:232 Resp: 165989
Ion Ratio Lower Upper
232 100
131 44.5 35.2 52.8
130 2.1 1.7 2.5
166 29.7 23.4 35.0



#60
Diethylphthalate
Concen: 37.596 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:149 Resp: 644433
Ion Ratio Lower Upper
149 100
177 22.2 17.6 26.4
150 12.8 10.1 15.1

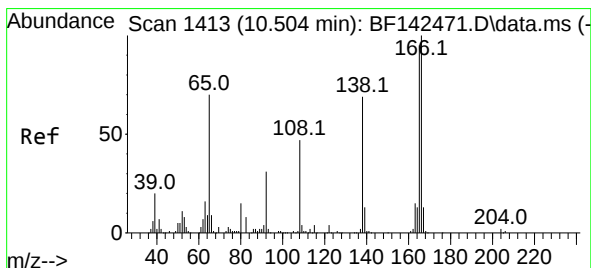
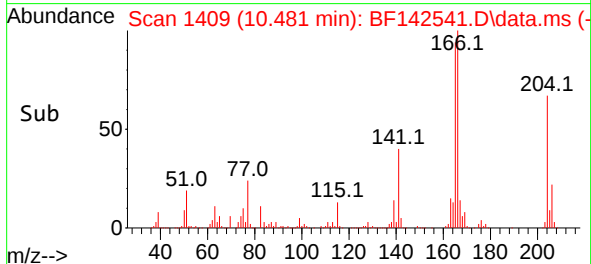
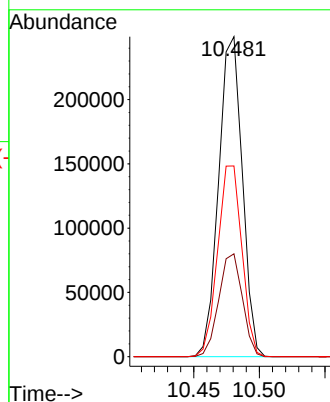
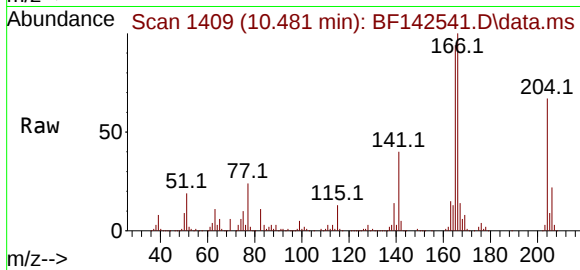




#61
4-Chlorophenyl-phenylether
Concen: 36.351 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

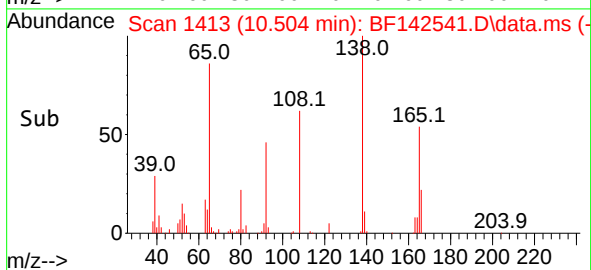
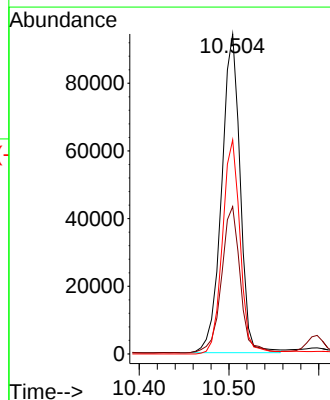
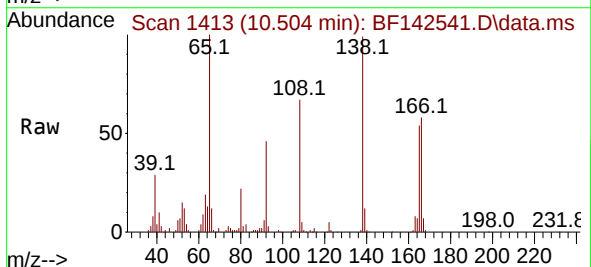
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

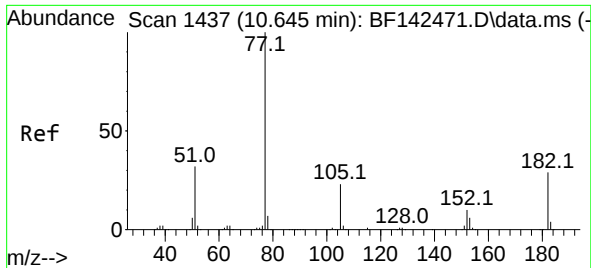
Tgt Ion:204 Resp: 312083
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 59.6 49.5 74.3



#62
4-Nitroaniline
Concen: 35.845 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:138 Resp: 134505
Ion Ratio Lower Upper
138 100
92 46.0 26.0 66.0
108 66.9 48.4 88.4

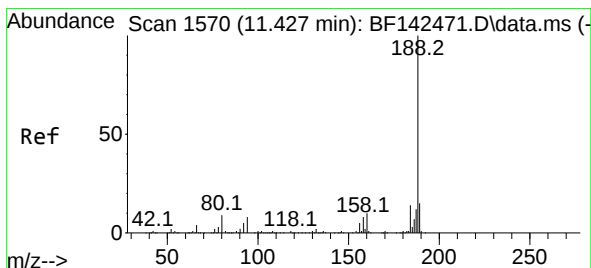
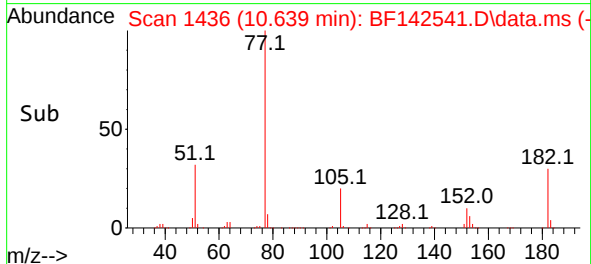
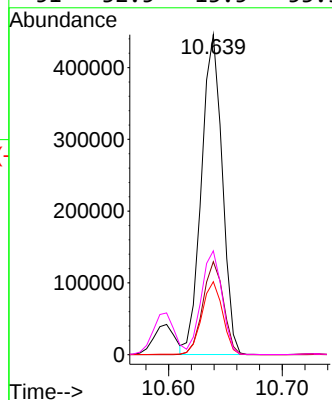
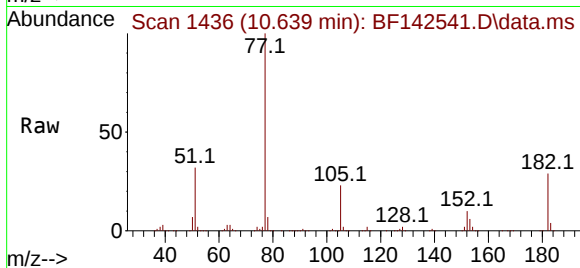




#63
Azobenzene
Concen: 36.787 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

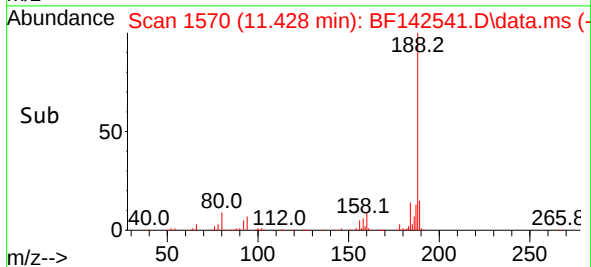
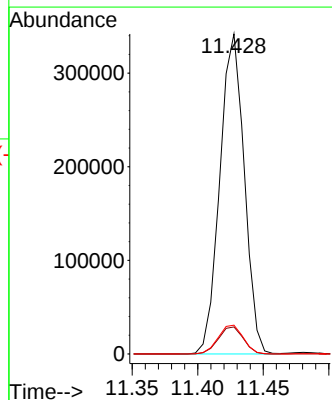
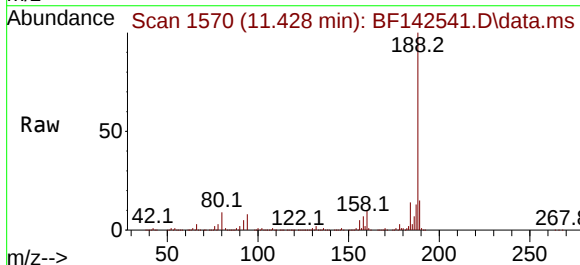
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

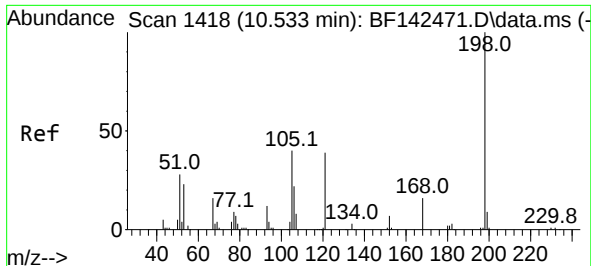
Tgt Ion: 77	Resp: 566358
Ion Ratio	Lower Upper
77 100	
182 29.1	9.0 49.0
105 22.8	2.4 42.4
51 32.5	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:188	Resp: 442853
Ion Ratio	Lower Upper
188 100	
94 8.5	6.6 10.0
80 9.0	7.4 11.0

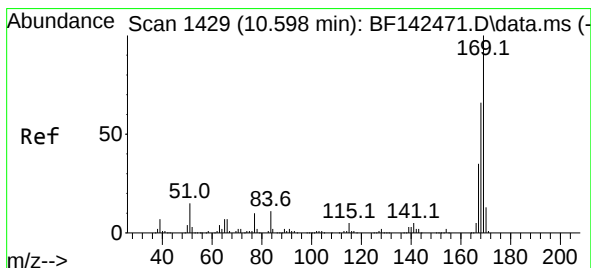
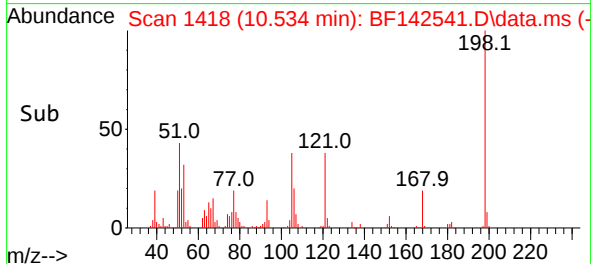
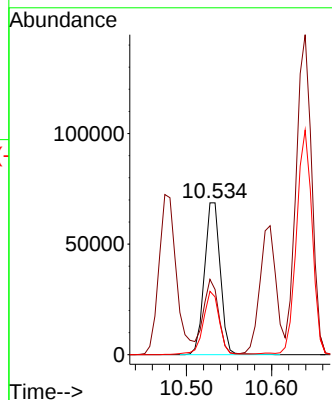
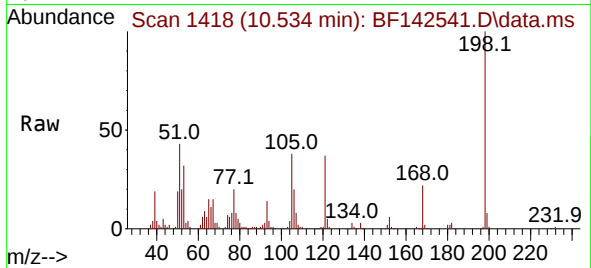




#65
4,6-Dinitro-2-methylphenol
Concen: 36.022 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

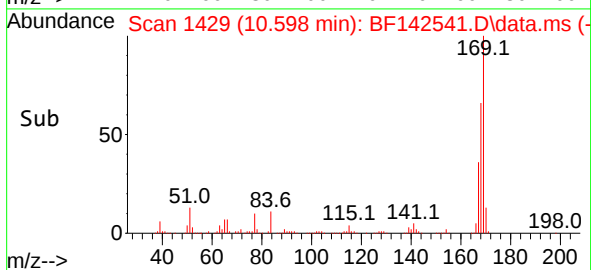
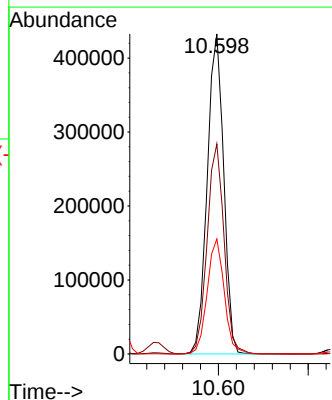
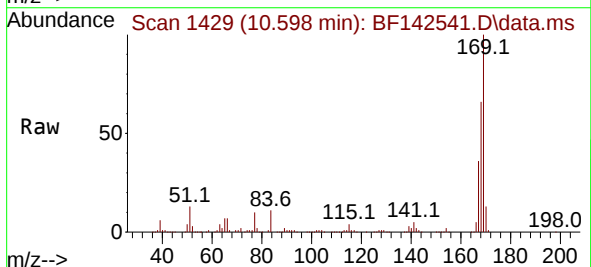
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

Tgt Ion:198 Resp: 89027
Ion Ratio Lower Upper
198 100
51 42.9 28.3 68.3
105 38.0 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 36.338 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:169 Resp: 550561
Ion Ratio Lower Upper
169 100
168 65.7 52.7 79.1
167 35.9 28.3 42.5

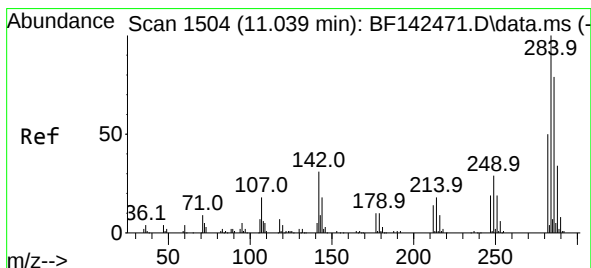
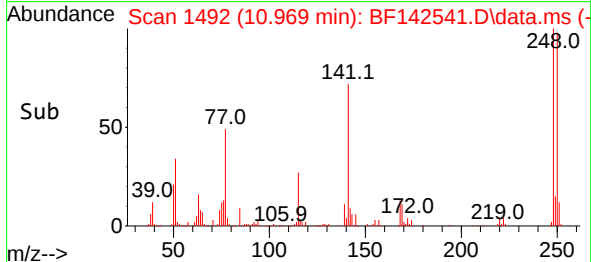
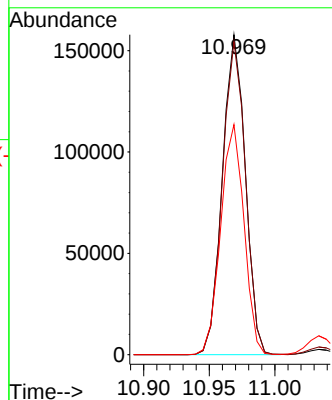
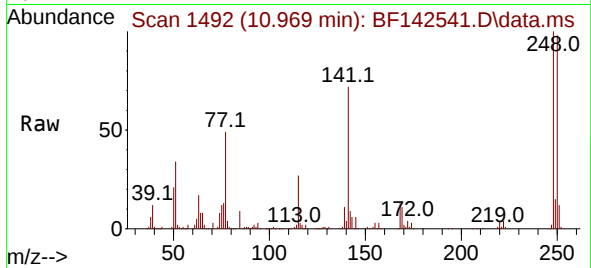




#67
4-Bromophenyl-phenylether
Concen: 36.770 ng
RT: 10.969 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

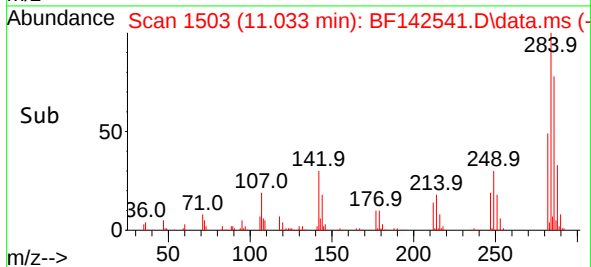
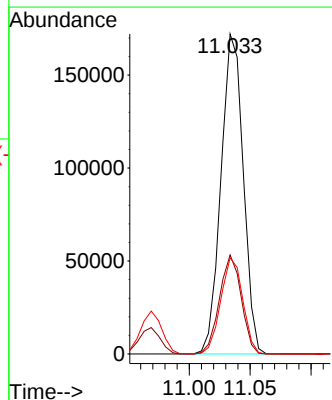
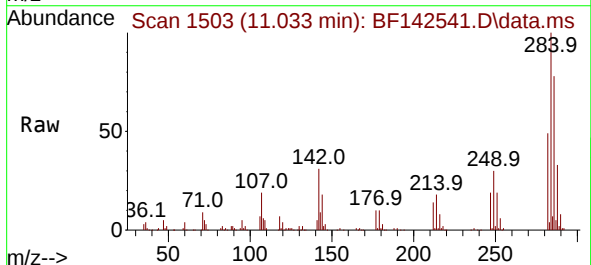
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

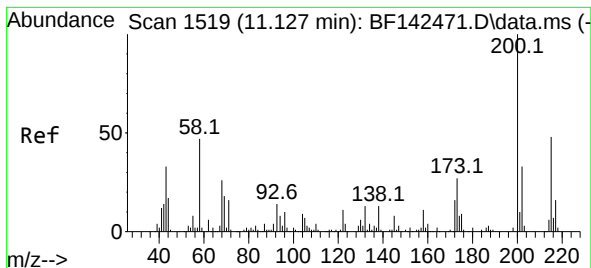
Tgt Ion:248 Resp: 192541
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.4
141 71.9 58.4 87.6



#68
Hexachlorobenzene
Concen: 37.852 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:284 Resp: 219226
Ion Ratio Lower Upper
284 100
142 30.9 24.8 37.2
249 30.1 23.6 35.4





#69

Atrazine

Concen: 42.761 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

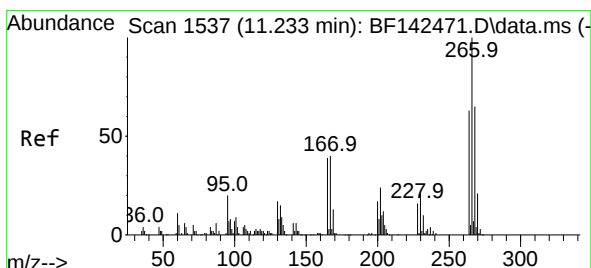
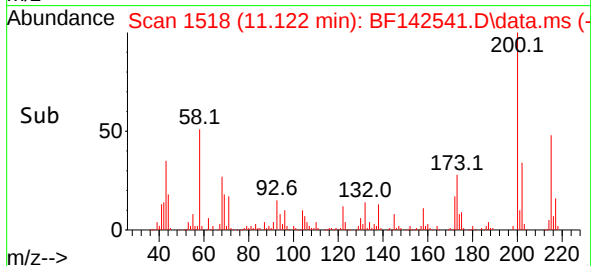
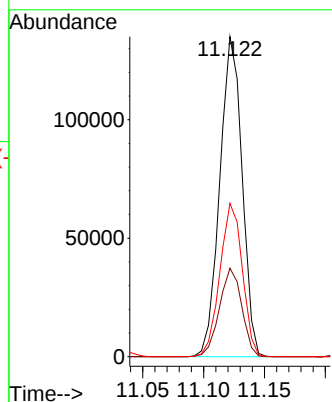
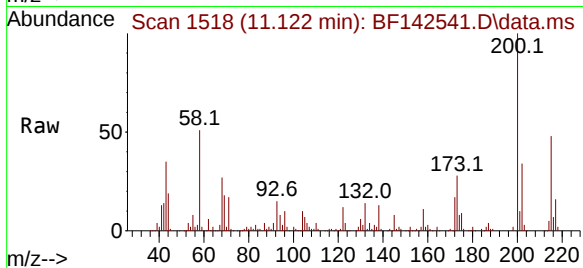
Tgt Ion:200 Resp: 172056

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

215 47.9 28.5 68.5



#70

Pentachlorophenol

Concen: 72.490 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

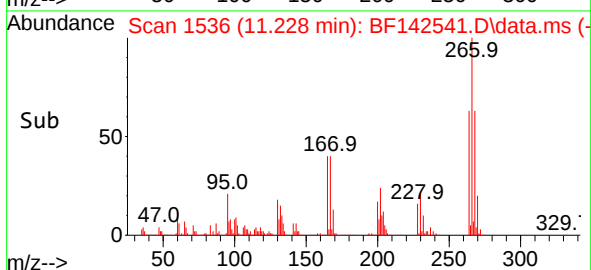
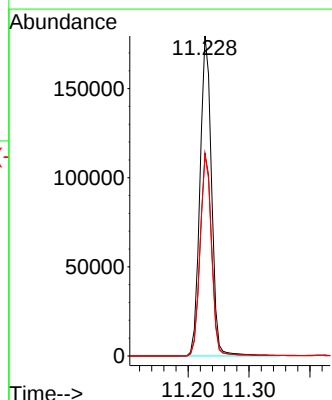
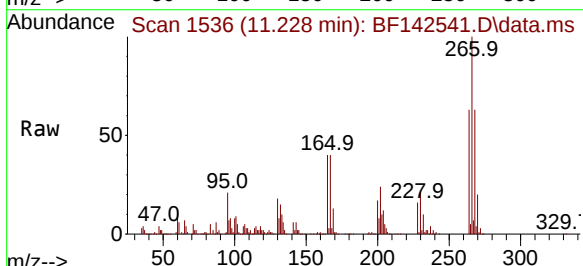
Tgt Ion:266 Resp: 237031

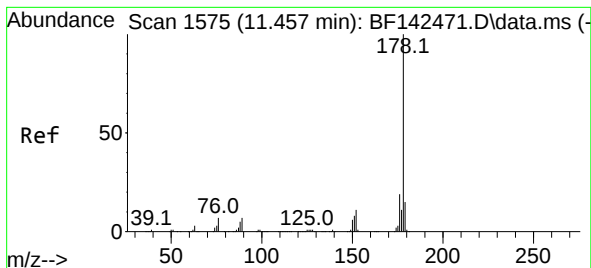
Ion Ratio Lower Upper

266 100

268 63.3 51.7 77.5

264 62.7 50.4 75.6





#71

Phenanthrene

Concen: 37.175 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

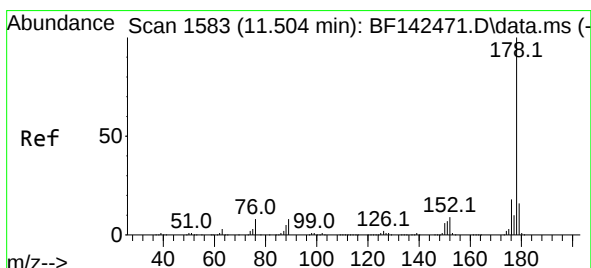
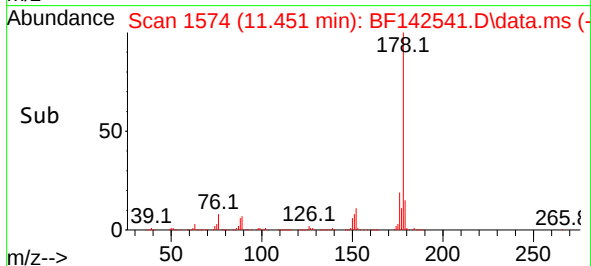
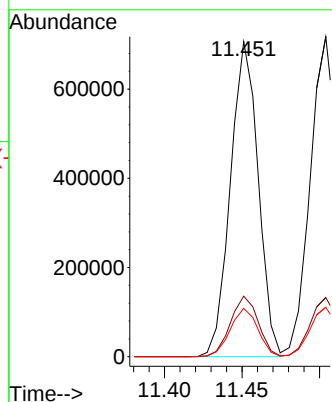
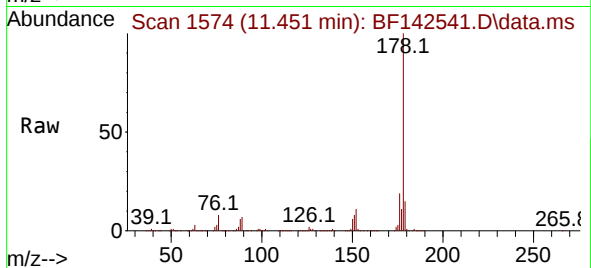
Tgt Ion:178 Resp: 879826

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.3 12.3 18.5



#72

Anthracene

Concen: 37.430 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

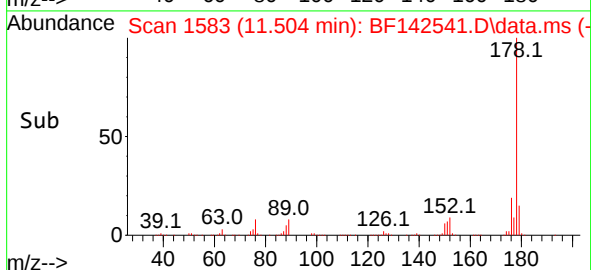
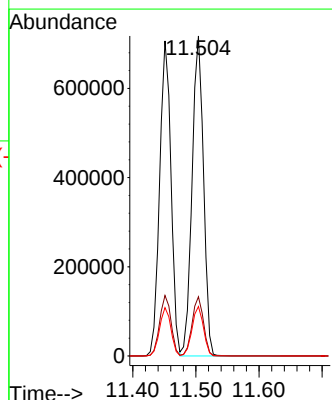
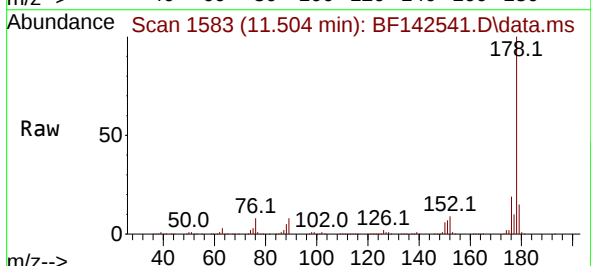
Tgt Ion:178 Resp: 904085

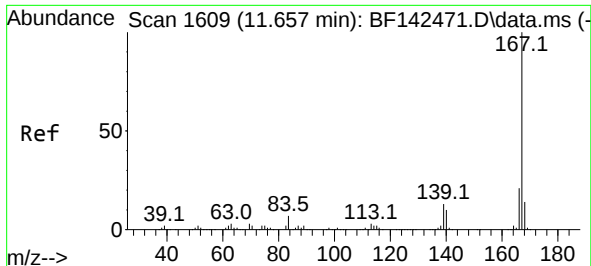
Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 15.4 12.4 18.6

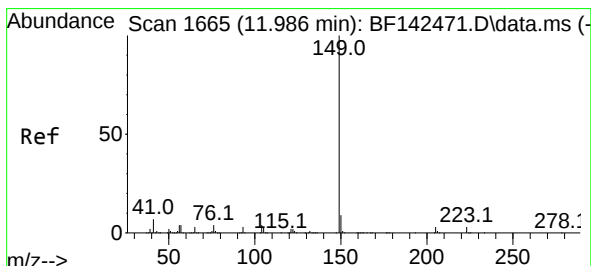
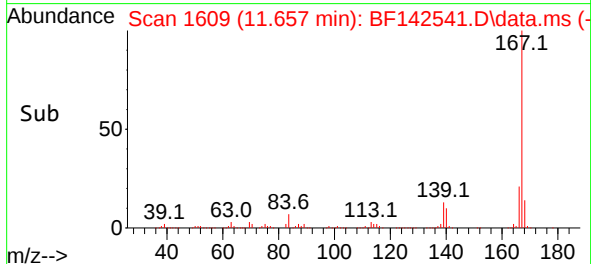
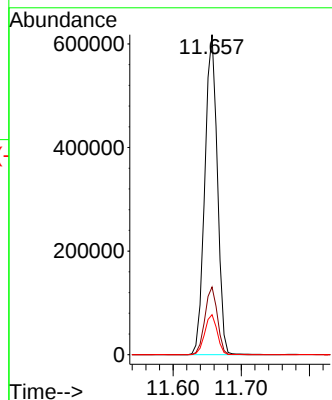
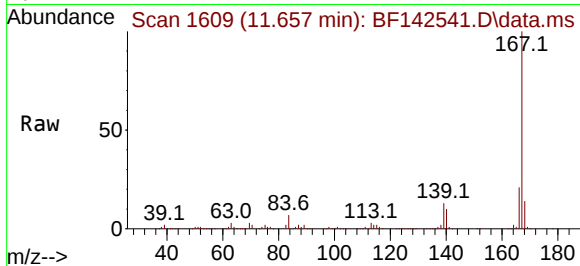




#73
 Carbazole
 Concen: 38.202 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

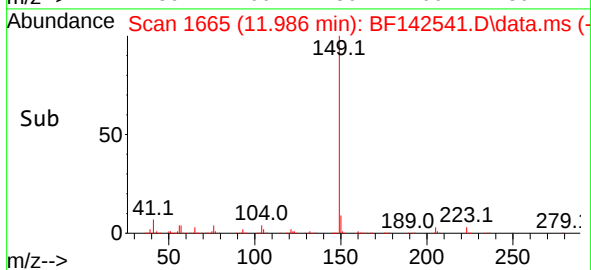
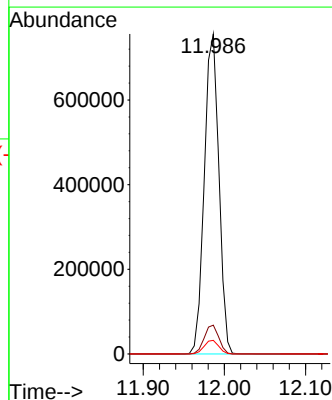
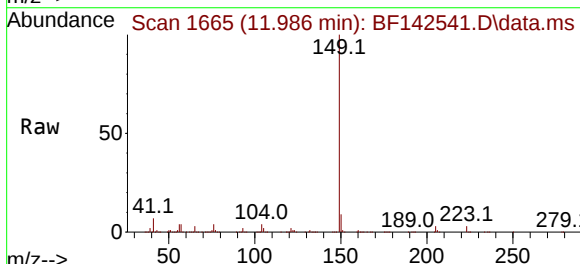
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MSD

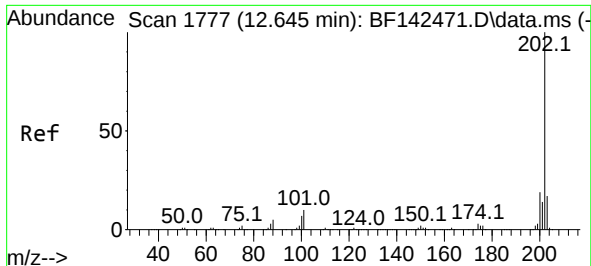
Tgt Ion:167 Resp: 788835
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 12.5 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 41.605 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

Tgt Ion:149 Resp: 940370
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.2 3.6 5.4

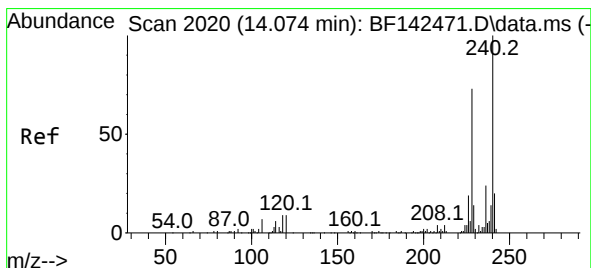
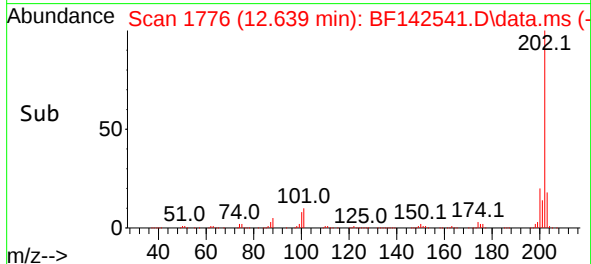
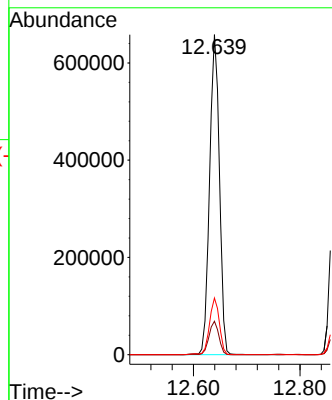
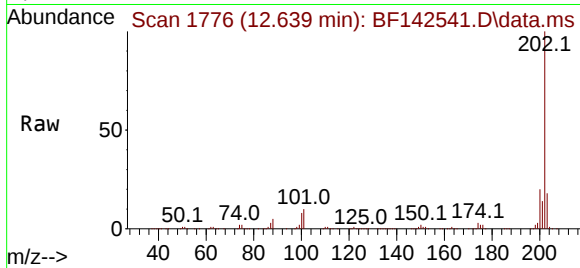




#75
Fluoranthene
Concen: 38.031 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

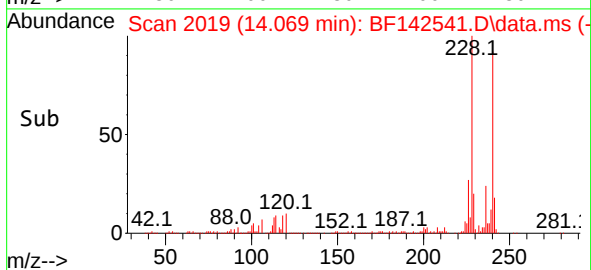
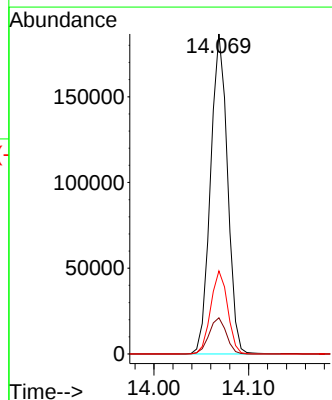
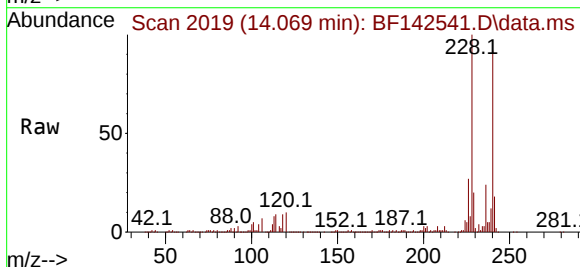
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

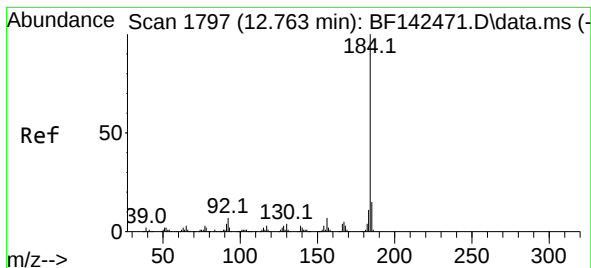
Tgt Ion:202 Resp: 841027
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.6
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:240 Resp: 233207
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3#
236 25.9 19.6 29.4





#77

Benzidine

Concen: 24.647 ng

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

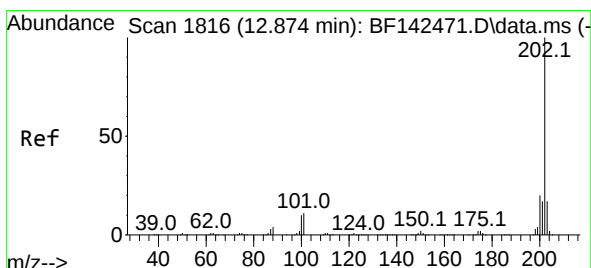
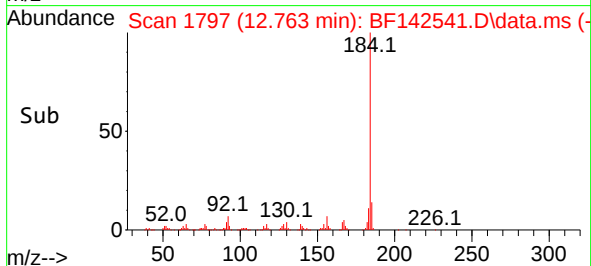
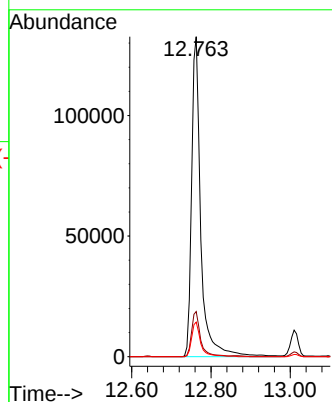
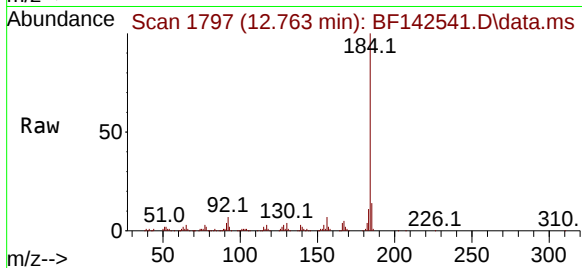
Tgt Ion:184 Resp: 213893

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 10.8 9.0 13.4



#78

Pyrene

Concen: 37.755 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

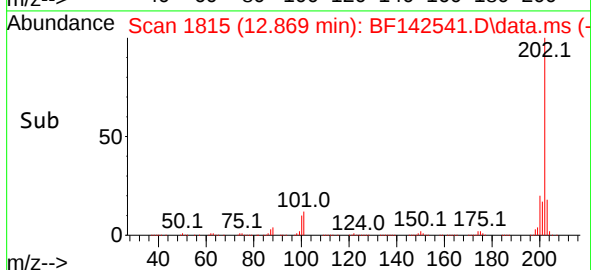
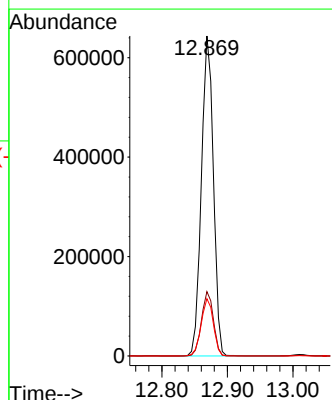
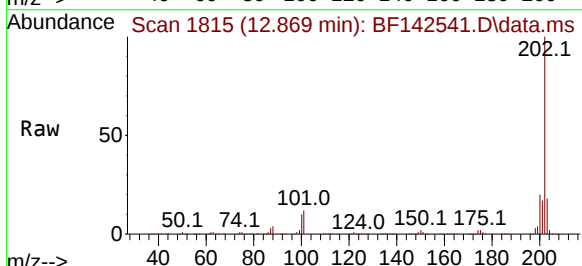
Tgt Ion:202 Resp: 821359

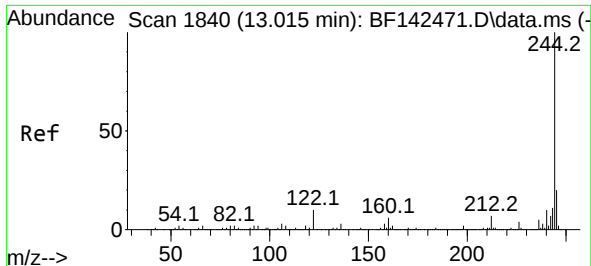
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.9 13.9 20.9

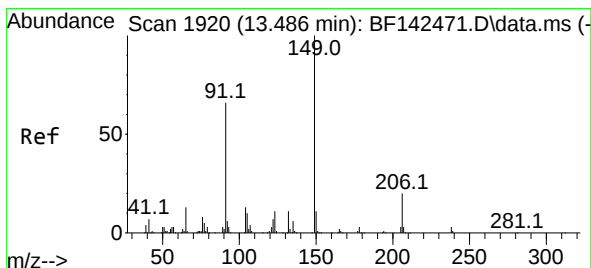
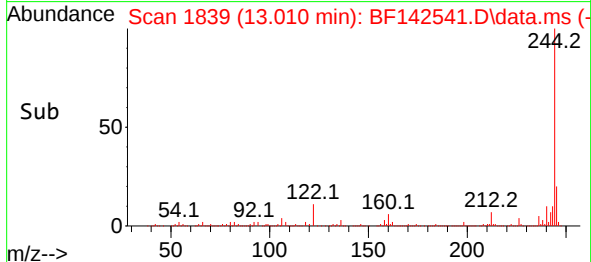
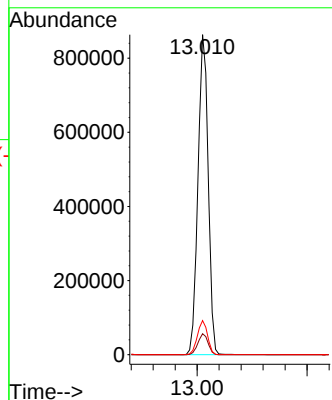
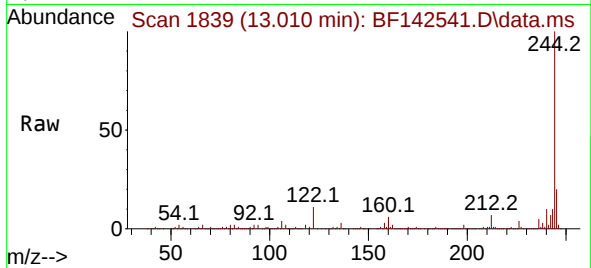




#79
 Terphenyl-d14
 Concen: 65.373 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

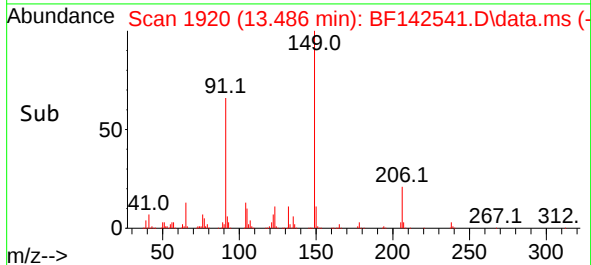
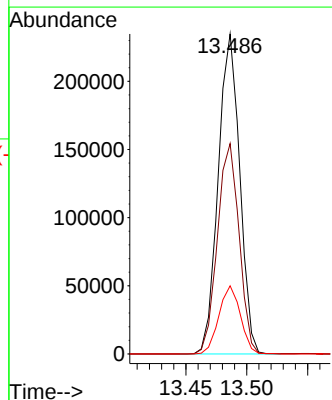
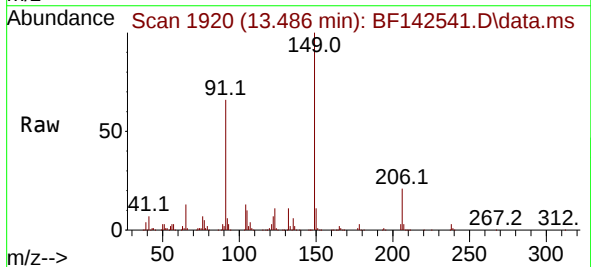
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MSD

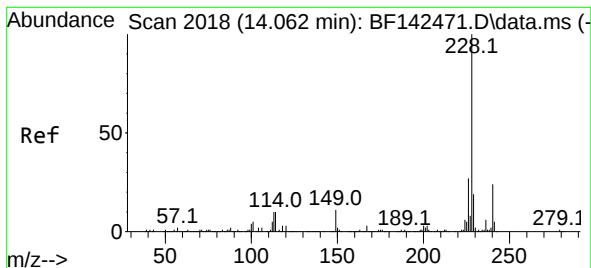
Tgt Ion:244 Resp: 1115613
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 10.7 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 48.012 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

Tgt Ion:149 Resp: 288610
 Ion Ratio Lower Upper
 149 100
 91 65.7 52.9 79.3
 206 21.3 16.2 24.2





#81

Benzo(a)anthracene

Concen: 38.209 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

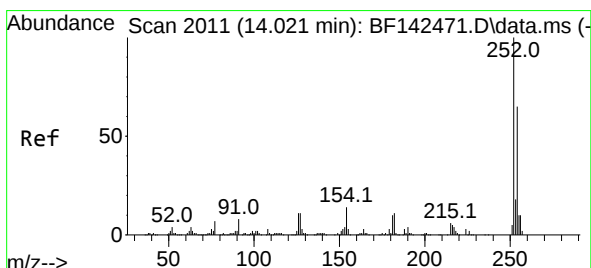
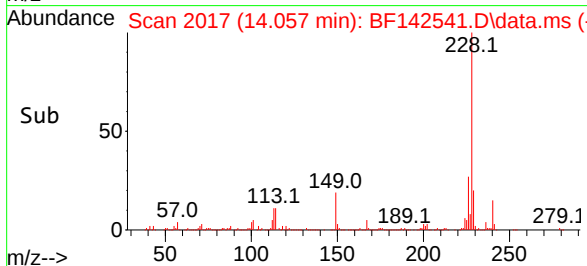
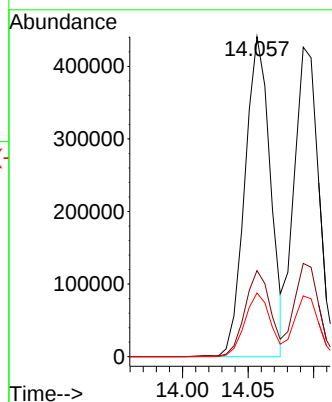
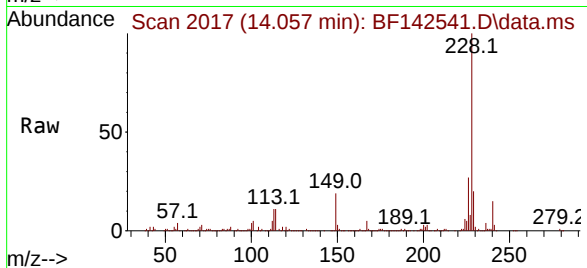
Tgt Ion:228 Resp: 595014

Ion Ratio Lower Upper

228 100

226 26.9 21.2 31.8

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 24.919 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

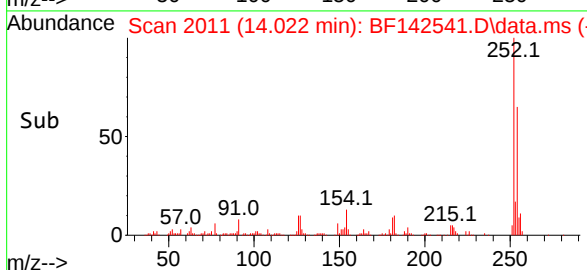
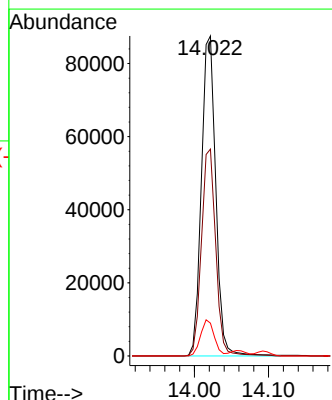
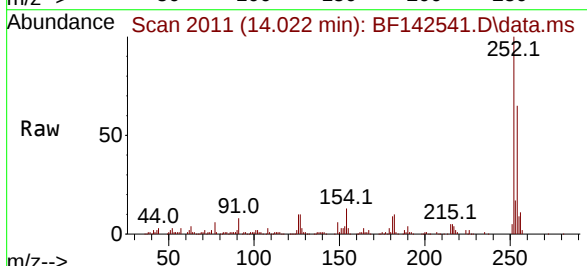
Tgt Ion:252 Resp: 117697

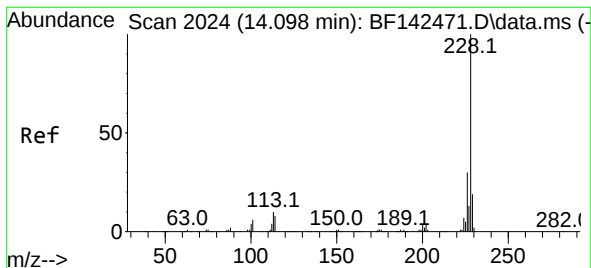
Ion Ratio Lower Upper

252 100

254 64.6 52.0 78.0

126 10.2 8.9 13.3





#83

Chrysene

Concen: 39.559 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

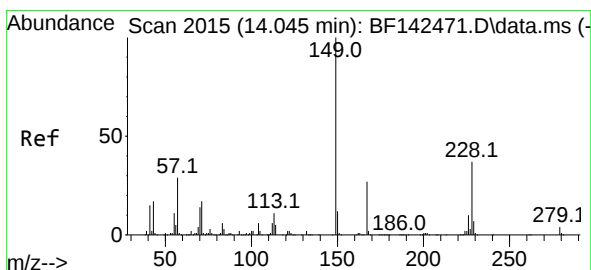
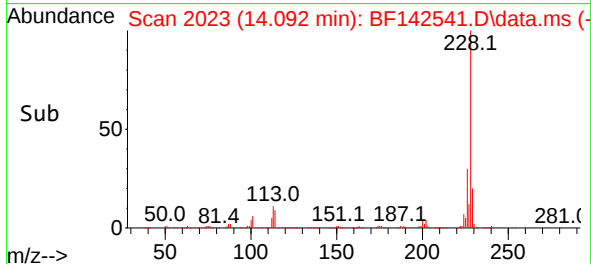
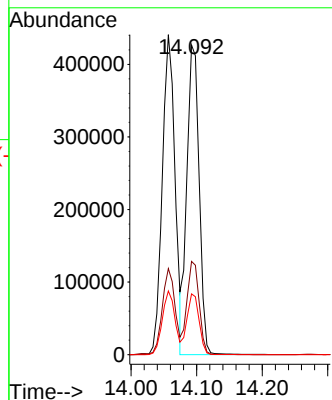
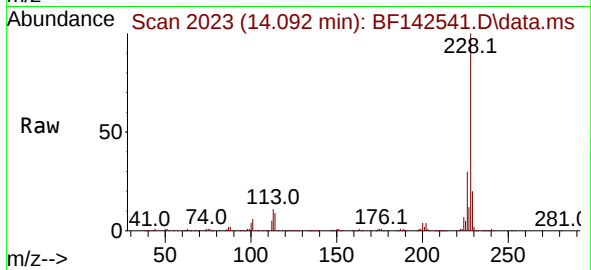
Tgt Ion:228 Resp: 553546

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

229 19.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.364 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

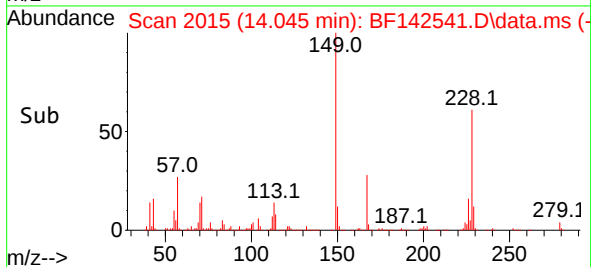
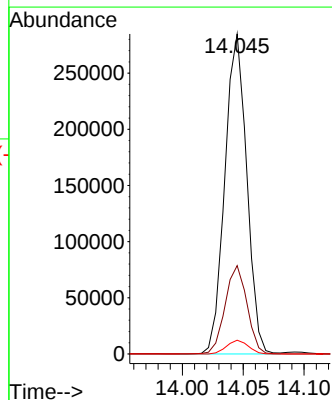
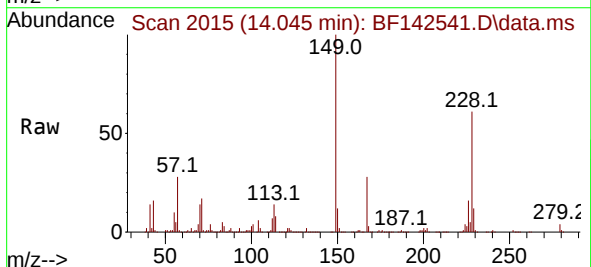
Tgt Ion:149 Resp: 356784

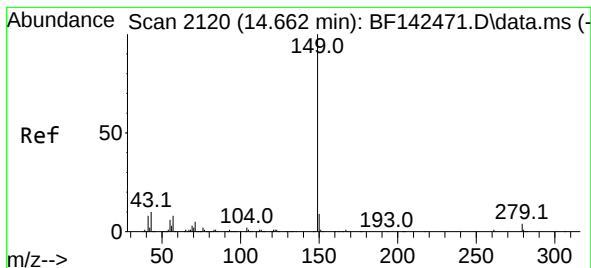
Ion Ratio Lower Upper

149 100

167 27.6 21.5 32.3

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 37.037 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

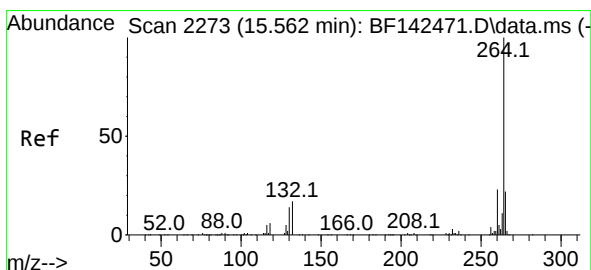
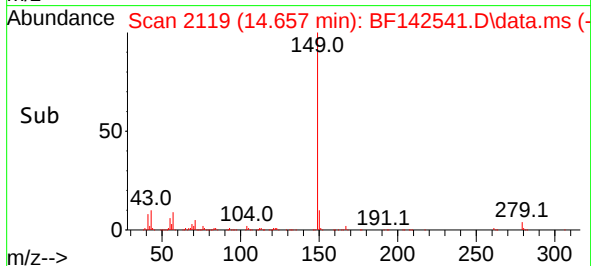
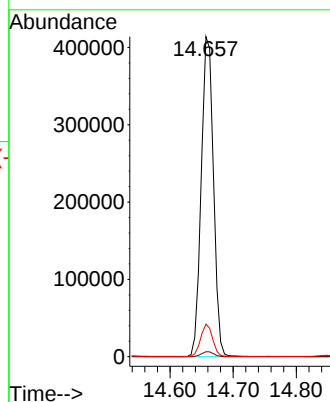
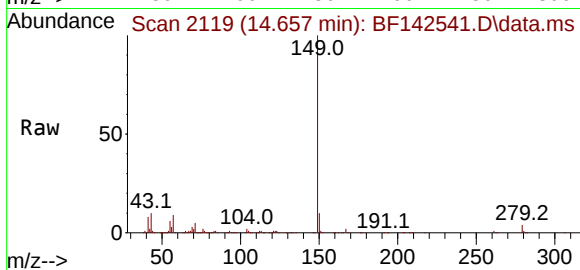
Tgt Ion:149 Resp: 557281

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

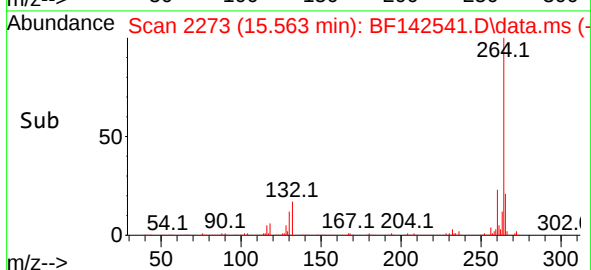
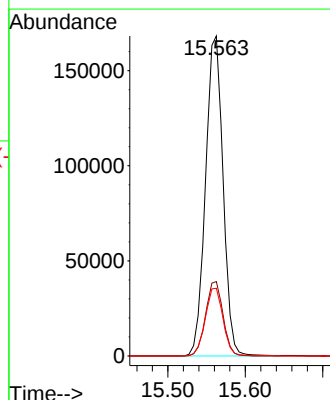
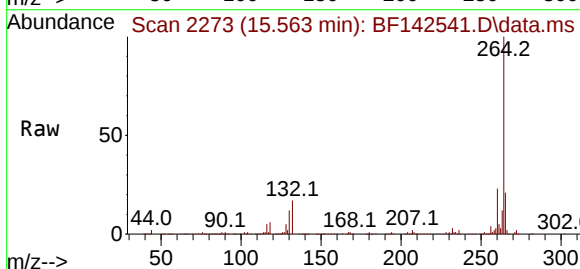
Tgt Ion:264 Resp: 264236

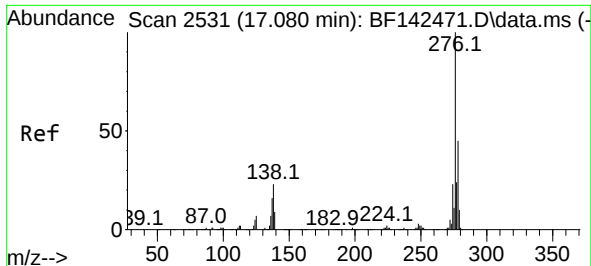
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.1 17.7 26.5

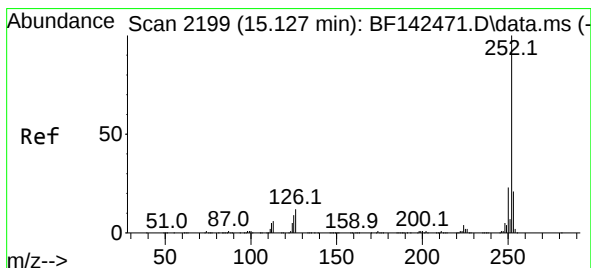
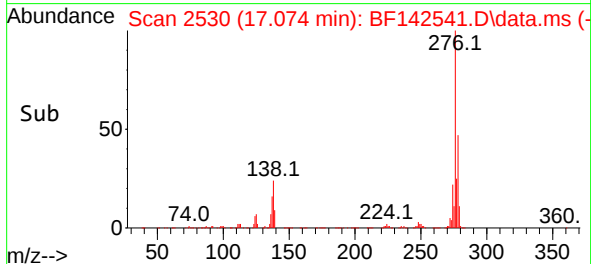
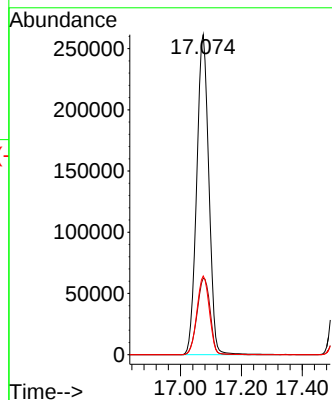
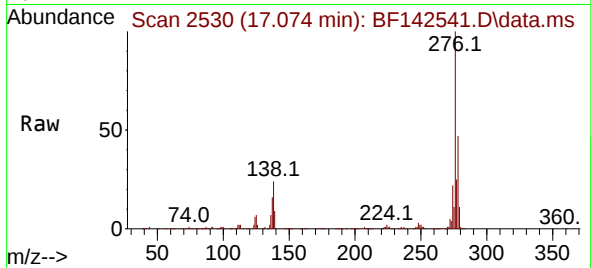




#87
Indeno(1,2,3-cd)pyrene
Concen: 36.429 ng
RT: 17.074 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

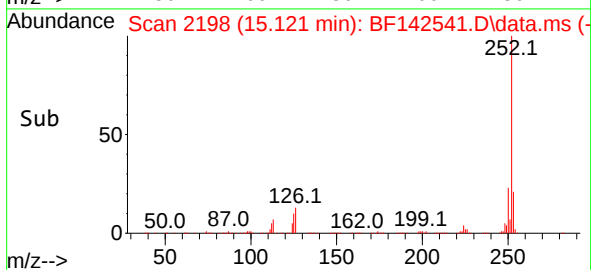
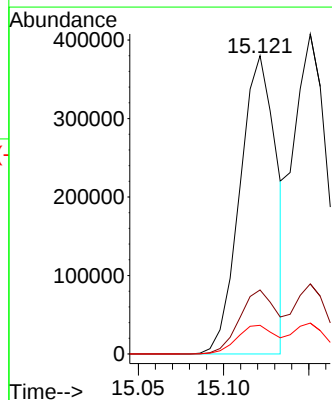
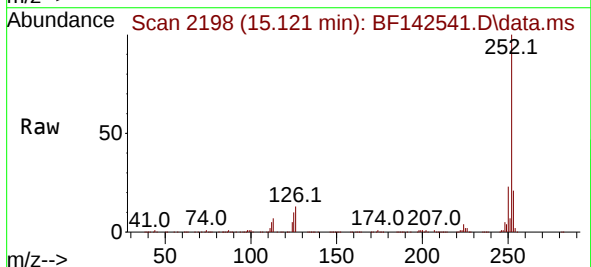
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

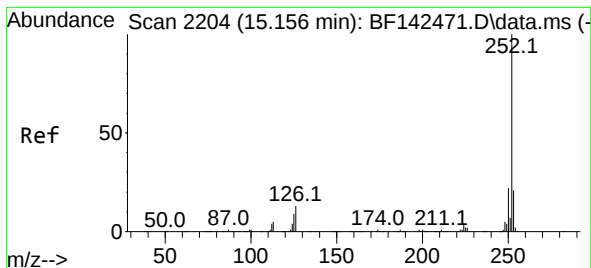
Tgt Ion:276 Resp: 722649
Ion Ratio Lower Upper
276 100
138 25.6 19.9 29.9
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 36.024 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:252 Resp: 563373
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 38.627 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

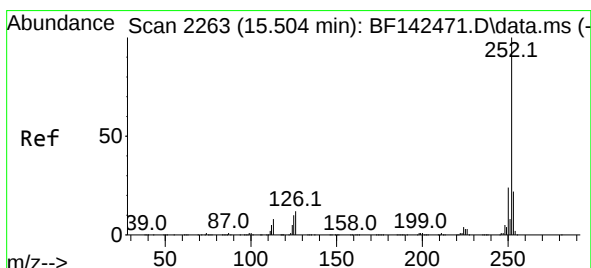
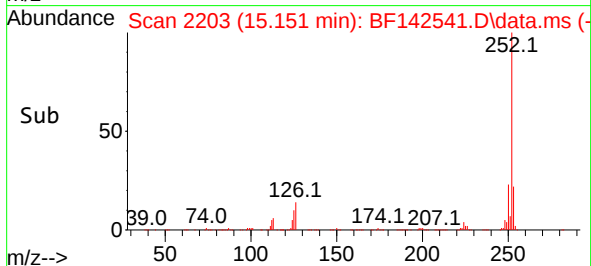
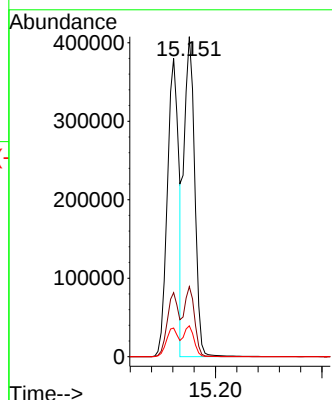
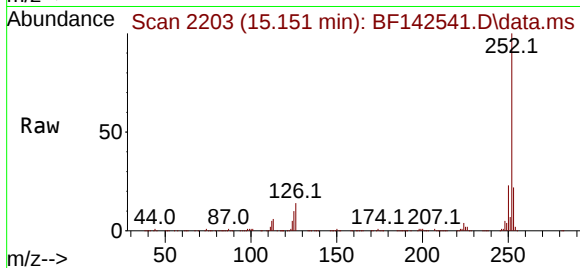
Tgt Ion:252 Resp: 565780

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 9.6 7.3 10.9



#90

Benzo(a)pyrene

Concen: 38.004 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

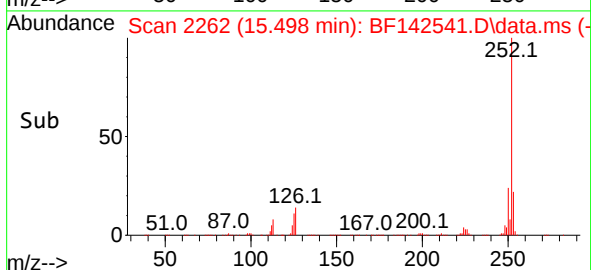
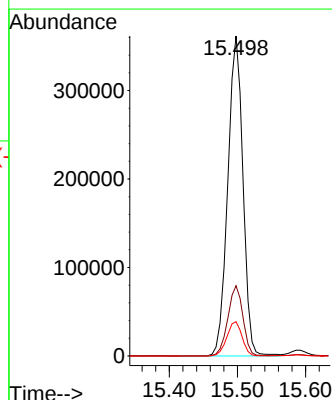
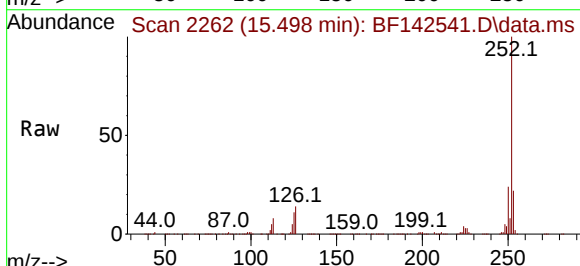
Tgt Ion:252 Resp: 560218

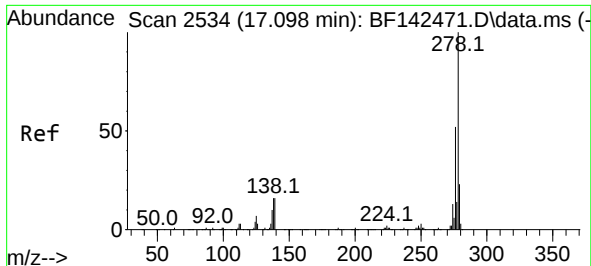
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.7 7.9 11.9

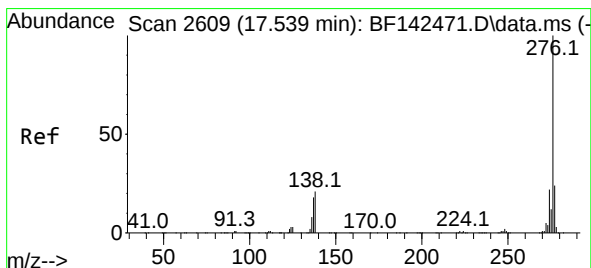
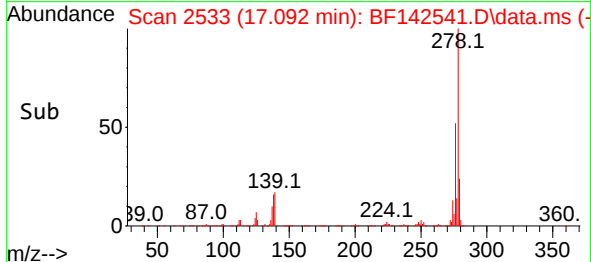
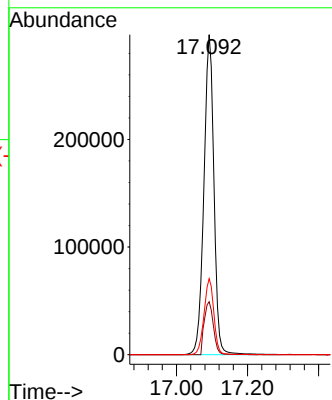
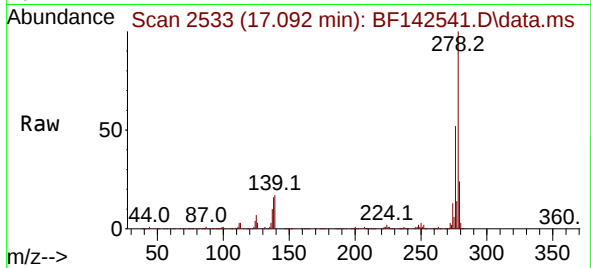




#91
Dibenzo(a,h)anthracene
Concen: 36.450 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

Tgt Ion:278 Resp: 586448
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 36.251 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:276 Resp: 583368
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 22.1 16.8 25.2

