

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142630.D
 Acq On : 05 Jun 2025 13:07
 Operator : RC/JU
 Sample : Q2194-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 13:36:41 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	123357	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	463790	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	232069	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	359383	20.000	ng	0.00
76) Chrysene-d12	14.068	240	228816	20.000	ng	0.00
86) Perylene-d12	15.557	264	274428	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	606643	82.853	ng	0.00
7) Phenol-d6	6.528	99	725535	82.317	ng	0.00
23) Nitrobenzene-d5	7.457	82	442951	52.079	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	199475	77.446	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	866115	50.080	ng	-0.01
79) Terphenyl-d14	13.010	244	668267	39.911	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	117333	40.046	ng	97
3) Pyridine	3.493	79	318357	42.668	ng	98
4) n-Nitrosodimethylamine	3.446	42	168553	43.509	ng	89
6) Aniline	6.557	93	422068	35.614	ng	97
8) 2-Chlorophenol	6.681	128	354006	44.389	ng	99
9) Benzaldehyde	6.445	77	186774	35.232	ng	99
10) Phenol	6.539	94	425836	42.938	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	313745	43.948	ng	100
12) 1,3-Dichlorobenzene	6.839	146	384366	43.191	ng	98
13) 1,4-Dichlorobenzene	6.916	146	387280	43.203	ng	98
14) 1,2-Dichlorobenzene	7.063	146	376839	43.933	ng	98
15) Benzyl Alcohol	7.034	79	278195	42.711	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	518664	43.262	ng	98
17) 2-Methylphenol	7.145	107	266908	42.866	ng	100
18) Hexachloroethane	7.410	117	136975	43.760	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	220986	40.455	ng	99
20) 3+4-Methylphenols	7.298	107	323534	40.575	ng	97
22) Acetophenone	7.304	105	439621	42.819	ng	98
24) Nitrobenzene	7.481	77	336215	43.829	ng	98
25) Isophorone	7.716	82	599610	42.165	ng	98
26) 2-Nitrophenol	7.792	139	192003	46.842	ng	97
27) 2,4-Dimethylphenol	7.833	122	308954	42.741	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	385605	43.408	ng	99
29) 2,4-Dichlorophenol	8.039	162	286625	43.601	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	316300	44.335	ng	98
31) Naphthalene	8.204	128	990347	43.366	ng	100
32) Benzoic acid	7.945	122	199134	45.256	ng	97
33) 4-Chloroaniline	8.251	127	220081	23.783	ng	97
34) Hexachlorobutadiene	8.316	225	191757	43.046	ng	99
35) Caprolactam	8.616	113	60863	32.965	ng	98
36) 4-Chloro-3-methylphenol	8.733	107	276250	41.005	ng	95
37) 2-Methylnaphthalene	8.892	142	603054	41.975	ng	99
38) 1-Methylnaphthalene	8.992	142	620345	41.743	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	307948	46.227	ng	99
41) Hexachlorocyclopentadiene	9.045	237	381130	84.810	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	204875	45.608	ng	97

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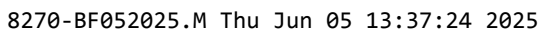
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	206573	43.603	ng	98
46) 1,1'-Biphenyl	9.357	154	809190	44.944	ng	99
47) 2-Chloronaphthalene	9.386	162	601823	45.242	ng	98
48) 2-Nitroaniline	9.480	65	173466	45.115	ng	96
49) Acenaphthylene	9.798	152	984557	43.832	ng	99
50) Dimethylphthalate	9.657	163	661895	43.225	ng	100
51) 2,6-Dinitrotoluene	9.722	165	148392	44.900	ng	95
52) Acenaphthene	9.975	154	654841	47.744	ng	99
53) 3-Nitroaniline	9.886	138	106885	29.610	ng	99
54) 2,4-Dinitrophenol	9.998	184	175836	102.981	ng	92
55) Dibenzofuran	10.145	168	846807	42.904	ng	98
56) 4-Nitrophenol	10.051	139	242899	91.196	ng	97
57) 2,4-Dinitrotoluene	10.127	165	195481	45.290	ng	98
58) Fluorene	10.486	166	646129	42.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	173703	43.920	ng	97
60) Diethylphthalate	10.357	149	631869	42.251	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	311750	41.620	ng	96
62) 4-Nitroaniline	10.504	138	147725	45.122	ng	97
63) Azobenzene	10.639	77	633510	47.163	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	103631	51.670	ng	98
66) n-Nitrosodiphenylamine	10.598	169	556337	45.248	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	191389	45.039	ng	97
68) Hexachlorobenzene	11.033	284	209677	44.612	ng	99
69) Atrazine	11.121	200	163121	49.956	ng	98
70) Pentachlorophenol	11.233	266	230613	86.908	ng	99
71) Phenanthrene	11.451	178	840862	43.781	ng	100
72) Anthracene	11.504	178	862354	43.995	ng	100
73) Carbazole	11.657	167	753059	44.940	ng	99
74) Di-n-butylphthalate	11.980	149	877150	47.821	ng	100
75) Fluoranthene	12.639	202	797484	44.438	ng	98
77) Benzidine	12.757	184	347487	40.809	ng	99
78) Pyrene	12.868	202	793809	37.189	ng	99
80) Butylbenzylphthalate	13.480	149	304769	51.673	ng	99
81) Benzo(a)anthracene	14.057	228	682149	44.645	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	161271	34.799	ng	99
83) Chrysene	14.092	228	625549	45.563	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	420218	55.655	ng	99
85) Di-n-octyl phthalate	14.657	149	712180	48.240	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	891327	43.263	ng	99
88) Benzo(b)fluoranthene	15.121	252	704683	43.387	ng	98
89) Benzo(k)fluoranthene	15.151	252	698419	45.911	ng	98
90) Benzo(a)pyrene	15.498	252	704890	46.042	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	722055	43.212	ng	98
92) Benzo(g,h,i)perylene	17.539	276	713255	42.677	ng	99

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

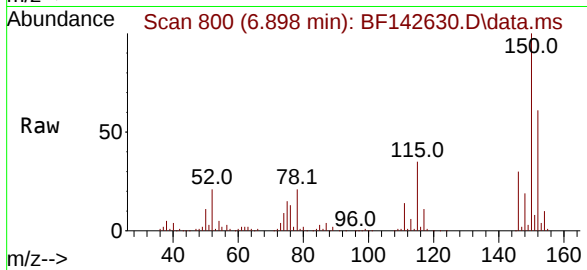
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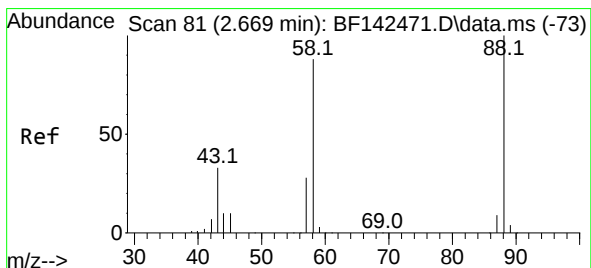
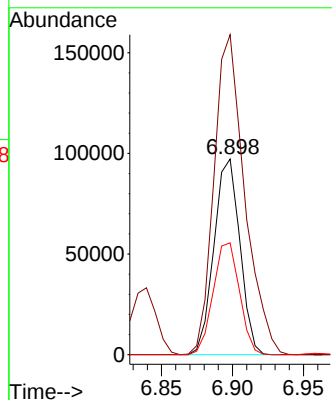
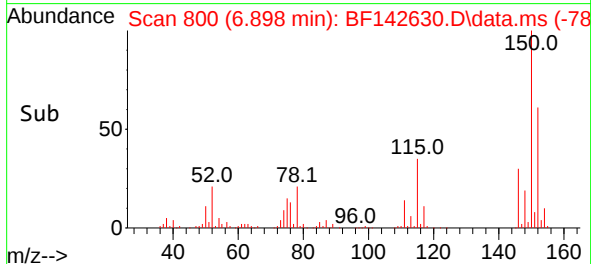


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142630.D
 Acq: 05 Jun 2025 13:07

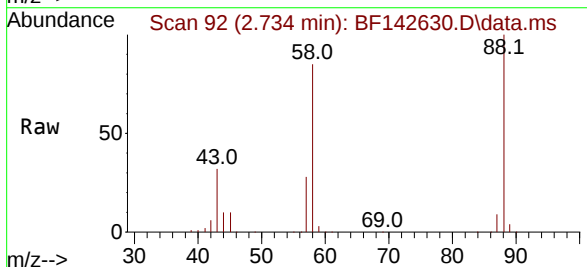
Instrument :
 BNA_F
 ClientSampleId :



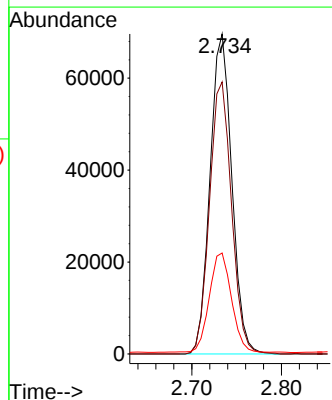
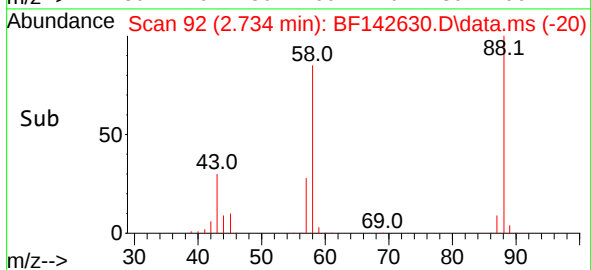
Tgt Ion:152 Resp: 123357
 Ion Ratio Lower Upper
 152 100
 150 163.5 128.2 192.4
 115 57.2 48.3 72.5

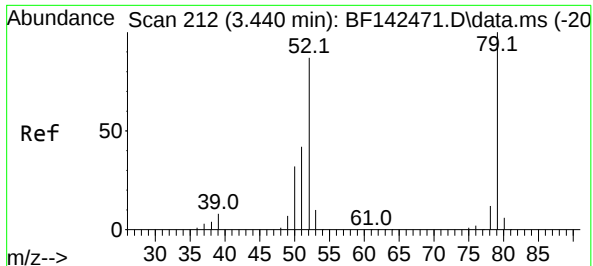


#2
 1,4-Dioxane
 Concen: 40.046 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.071 min
 Lab File: BF142630.D
 Acq: 05 Jun 2025 13:07



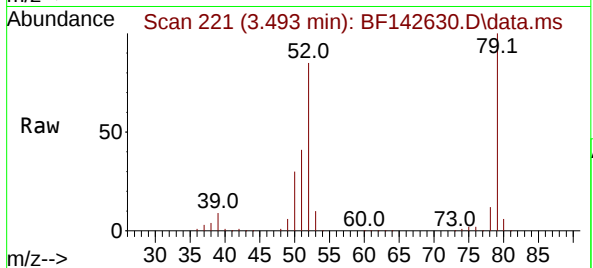
Tgt Ion: 88 Resp: 117333
 Ion Ratio Lower Upper
 88 100
 58 86.2 70.8 106.2
 43 31.6 26.6 40.0



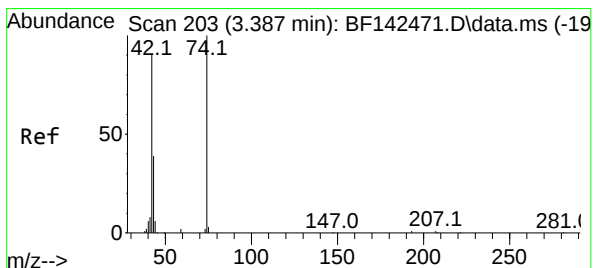
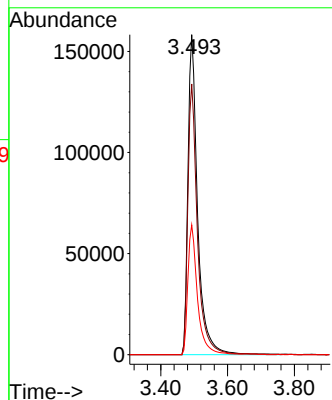
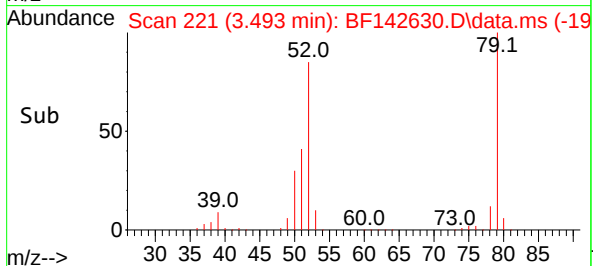


#3
Pyridine
Concen: 42.668 ng
RT: 3.493 min Scan# 212
Delta R.T. 0.053 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

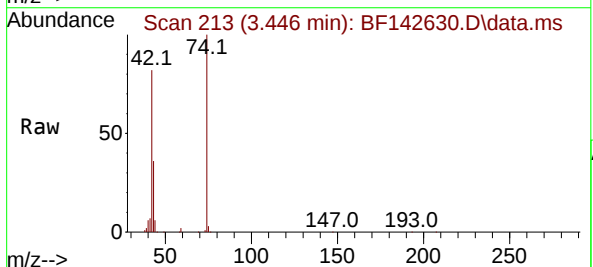
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BNA_F
ClientSampleId :



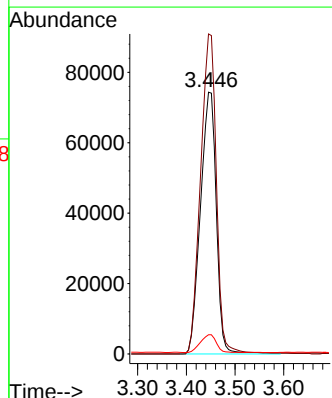
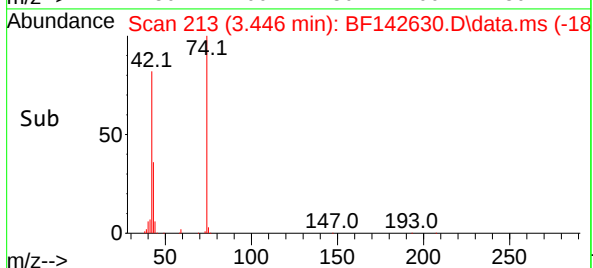
Tgt Ion: 79 Resp: 318357
Ion Ratio Lower Upper
79 100
52 84.6 69.2 103.8
51 40.6 33.3 49.9

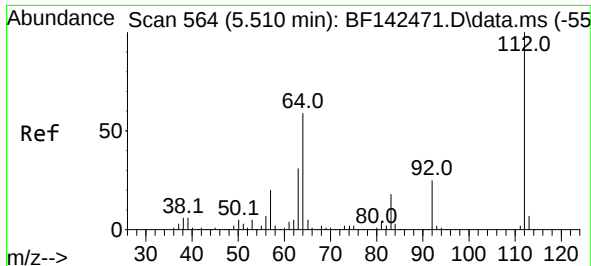


#4
n-Nitrosodimethylamine
Concen: 43.509 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.041 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



Tgt Ion: 42 Resp: 168553
Ion Ratio Lower Upper
42 100
74 122.2 88.2 132.4
44 7.3 5.4 8.2

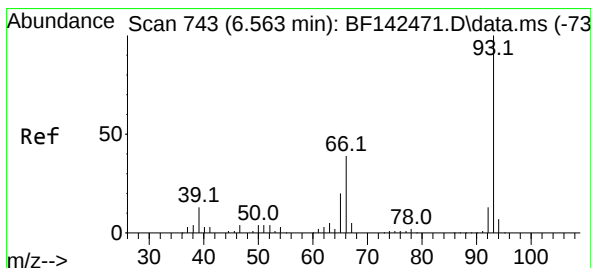
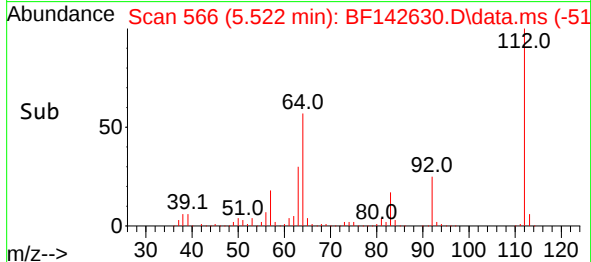
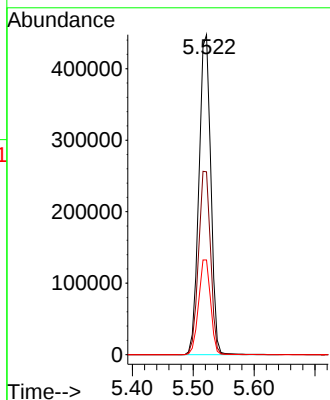
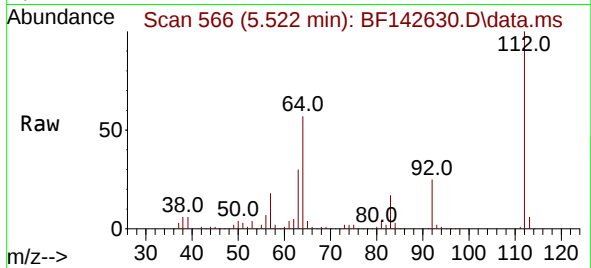




#5
2-Fluorophenol
Concen: 82.853 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

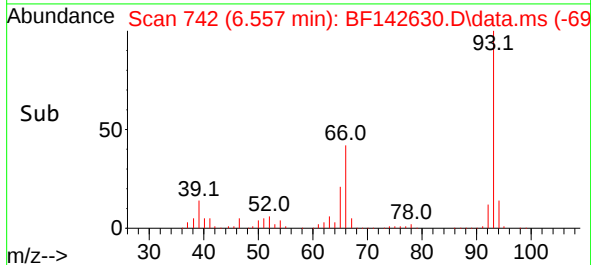
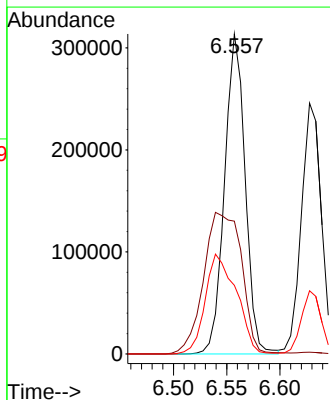
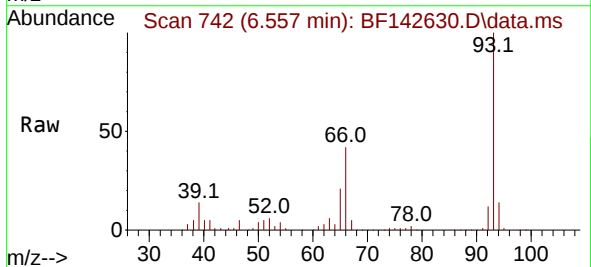
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BNA_F
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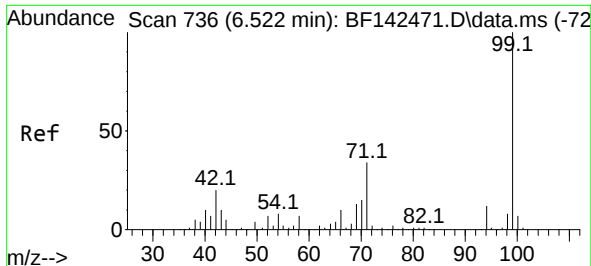
Tgt Ion:112 Resp: 606643
Ion Ratio Lower Upper
112 100
64 57.1 47.5 71.3
63 29.6 24.9 37.3



#6
Aniline
Concen: 35.614 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion: 93 Resp: 422068
Ion Ratio Lower Upper
93 100
66 41.5 32.0 48.0
65 21.4 16.1 24.1

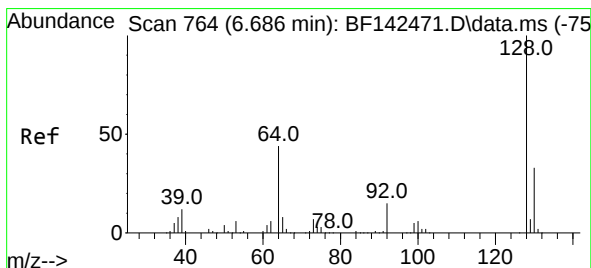
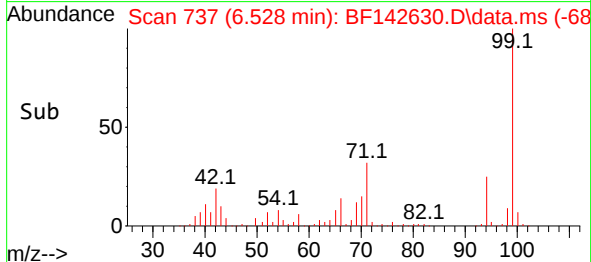
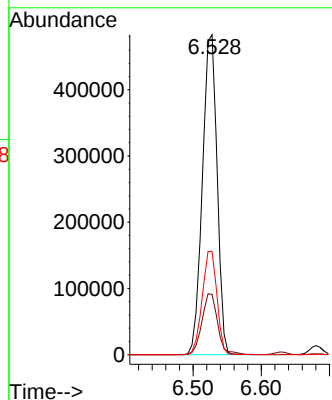
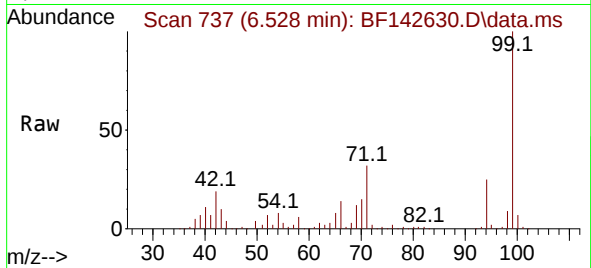




#7
Phenol-d6
Concen: 82.317 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

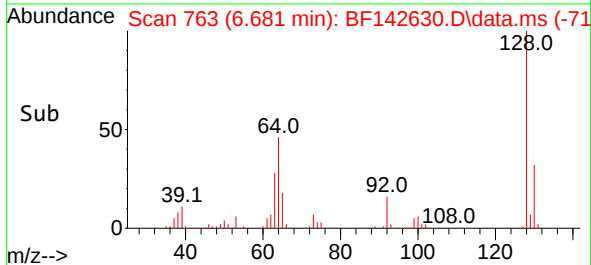
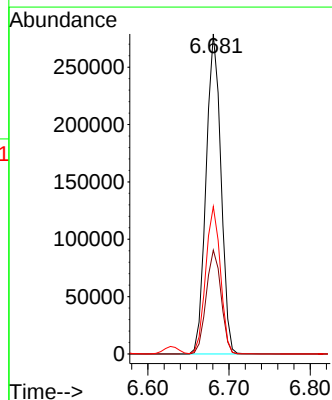
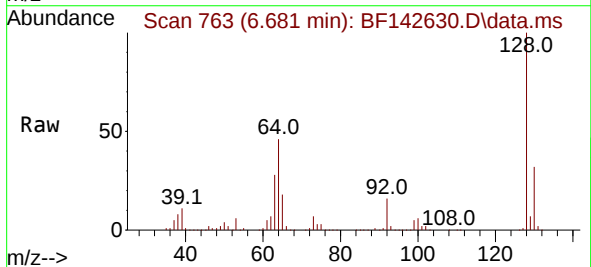
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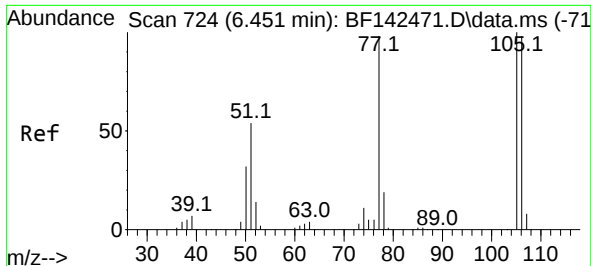
Tgt Ion: 99 Resp: 725535
Ion Ratio Lower Upper
99 100
42 18.9 16.2 24.2
71 32.3 27.3 40.9



#8
2-Chlorophenol
Concen: 44.389 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion: 128 Resp: 354006
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 46.1 25.1 65.1





#9

Benzaldehyde

Concen: 35.232 ng

RT: 6.445 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

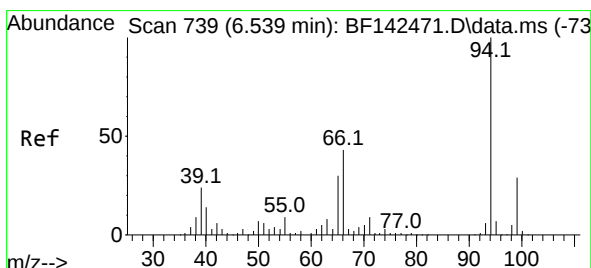
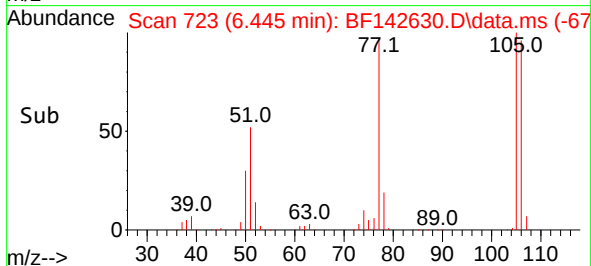
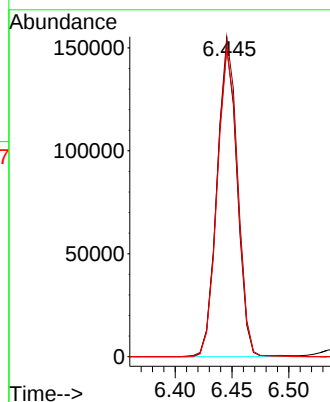
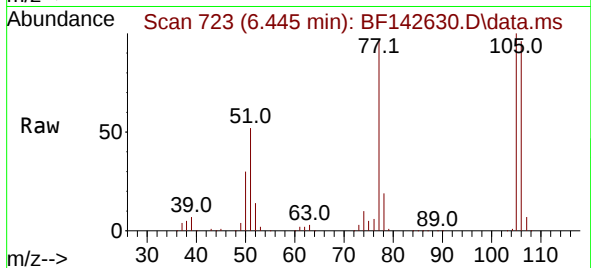
Tgt Ion: 77 Resp: 186774

Ion Ratio Lower Upper

77 100

105 103.4 82.5 122.5

106 99.2 80.0 120.0



#10

Phenol

Concen: 42.938 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

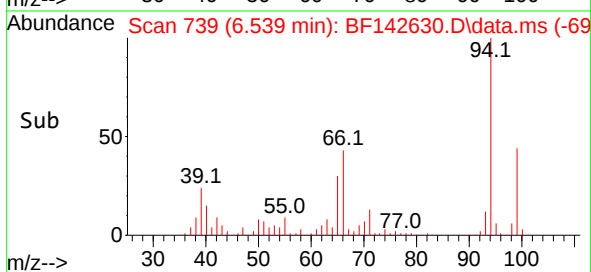
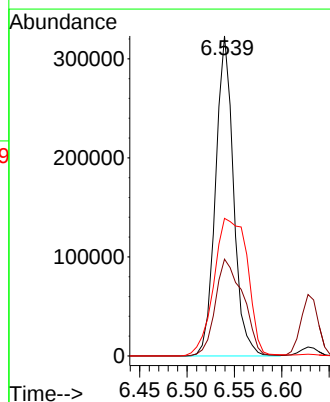
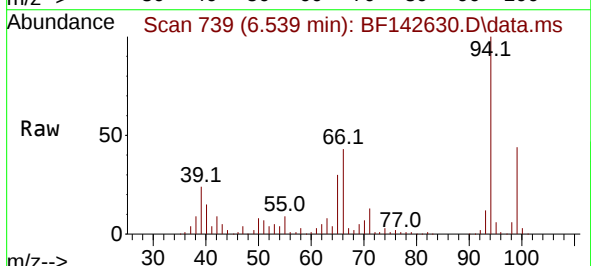
Tgt Ion: 94 Resp: 425836

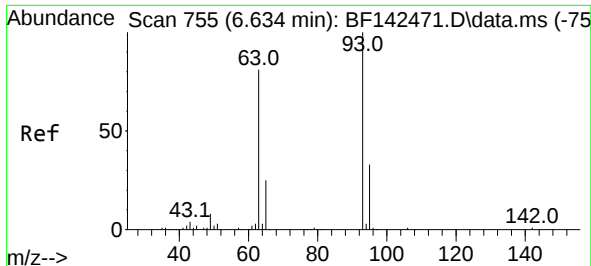
Ion Ratio Lower Upper

94 100

65 30.3 10.3 50.3

66 43.0 22.6 62.6

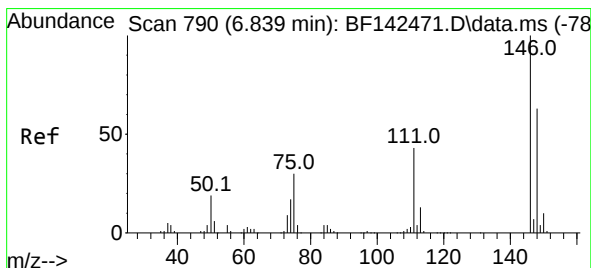
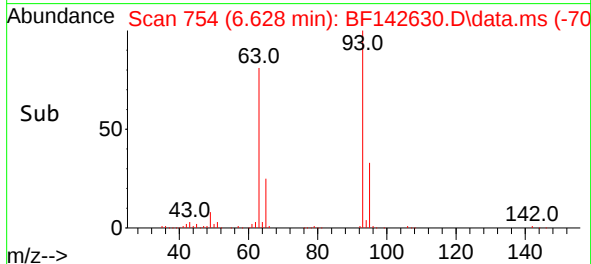
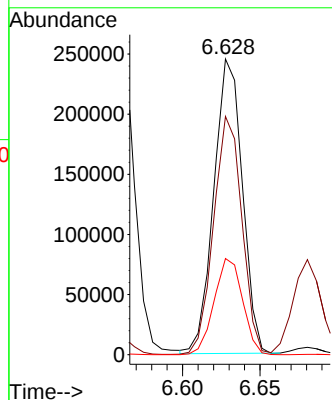
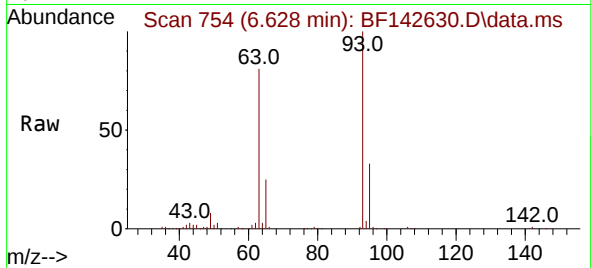




#11
bis(2-Chloroethyl)ether
Concen: 43.948 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

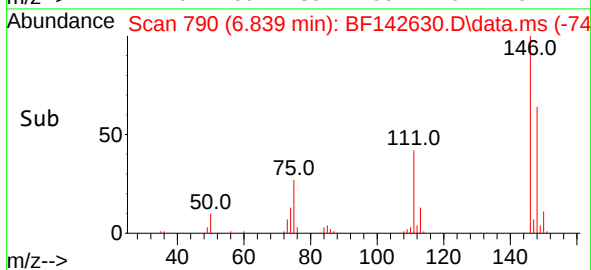
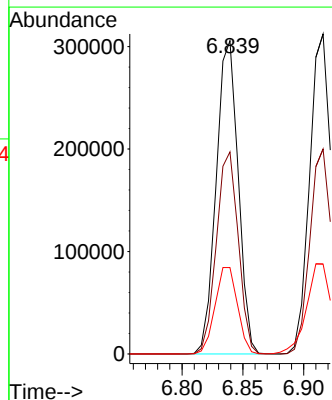
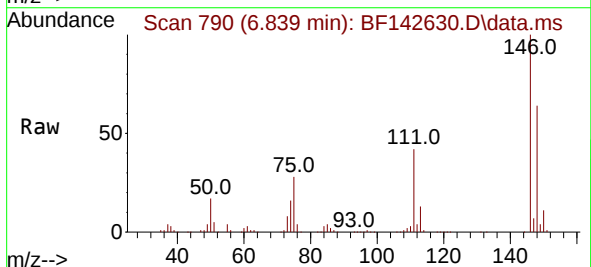
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 313745
Ion Ratio Lower Upper
93 100
63 80.6 60.2 100.2
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.191 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:146 Resp: 384366
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 27.6 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 43.203 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

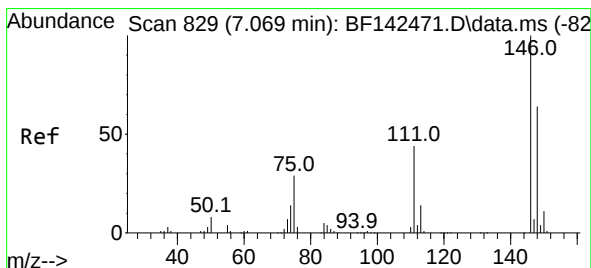
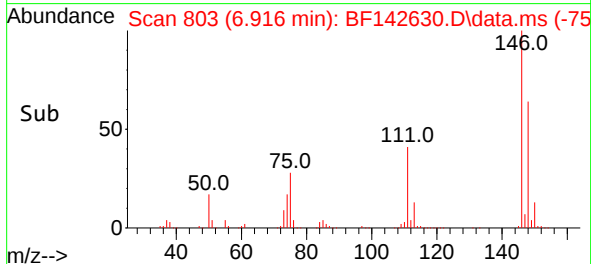
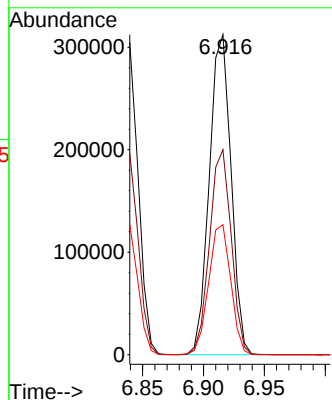
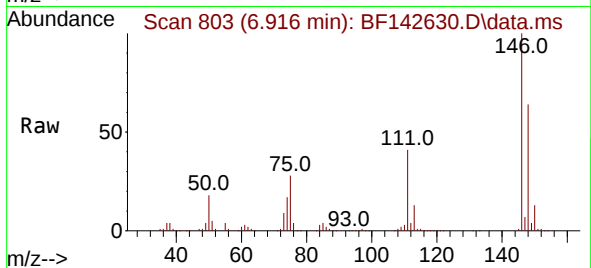
Tgt Ion:146 Resp: 387280

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

111 40.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 43.933 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

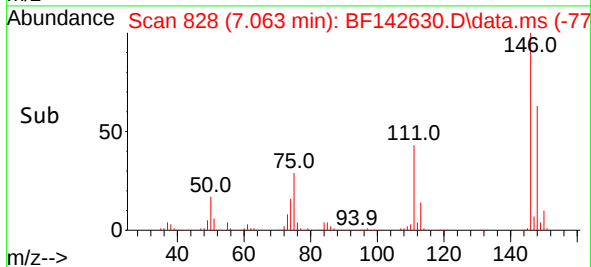
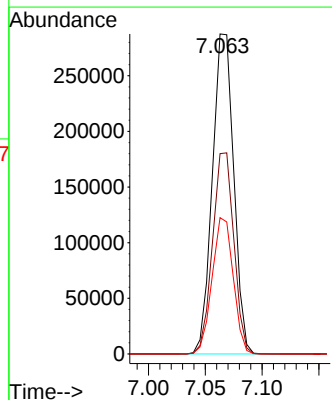
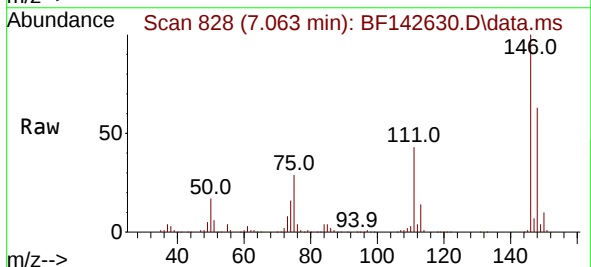
Tgt Ion:146 Resp: 376839

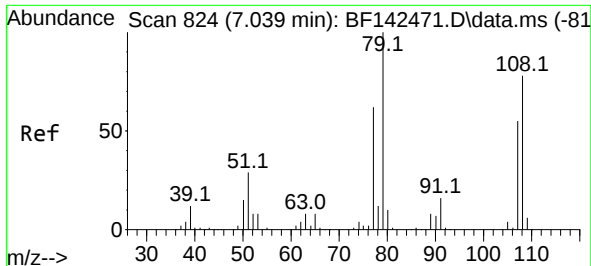
Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.4

111 42.6 35.0 52.6

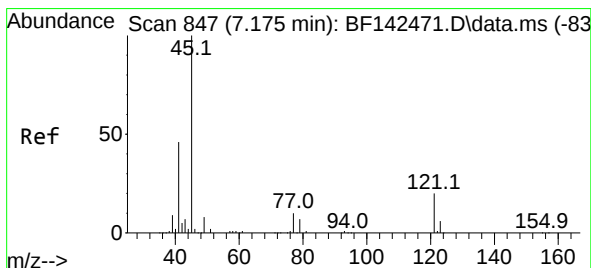
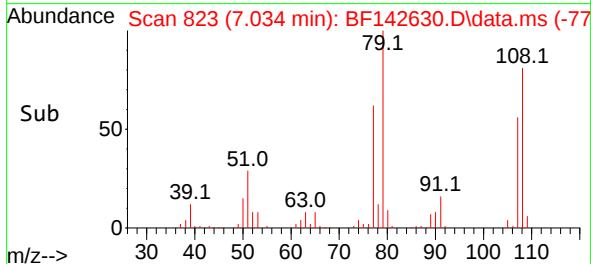
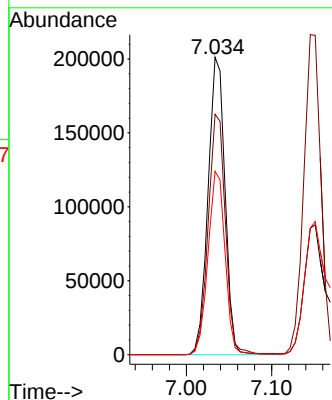
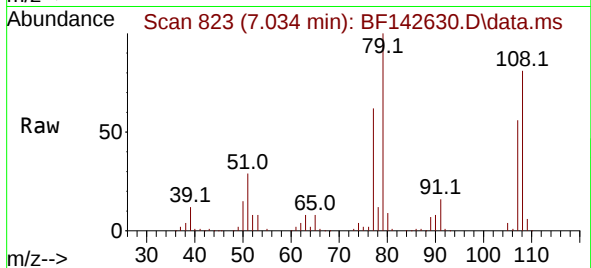




#15
Benzyl Alcohol
Concen: 42.711 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

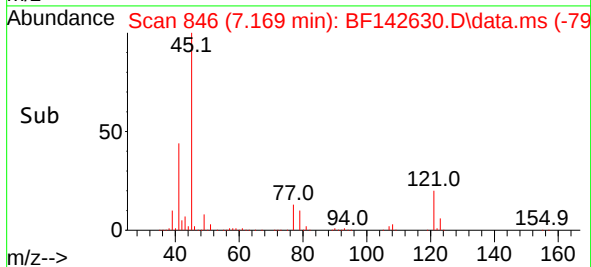
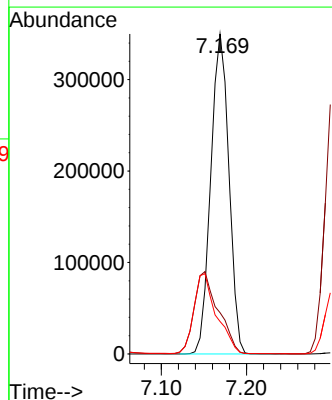
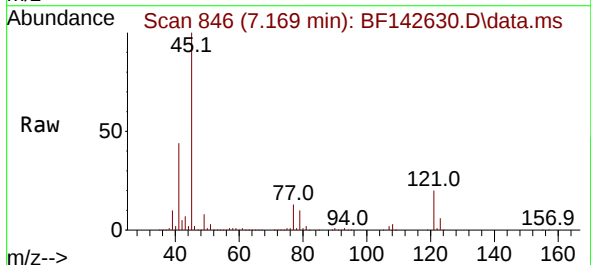
Instrument :
BNA_F
ClientSampleId :

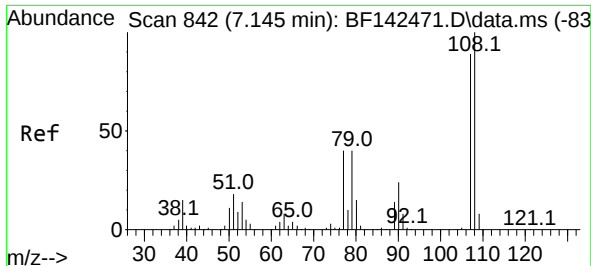
Tgt Ion: 79 Resp: 278195
Ion Ratio Lower Upper
79 100
108 80.9 62.1 93.1
77 61.7 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.262 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

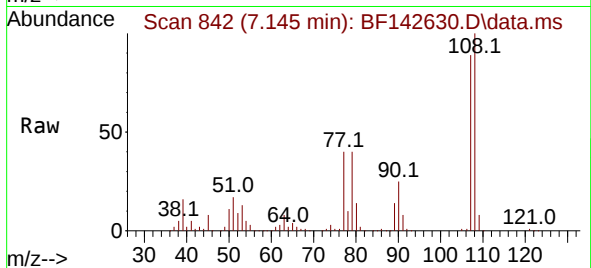
Tgt Ion: 45 Resp: 518664
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.0
79 10.1 0.0 29.2



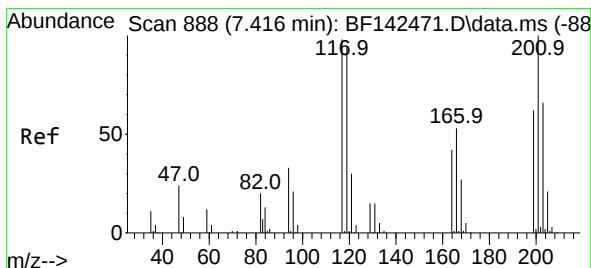
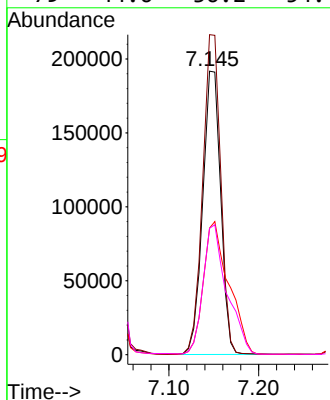
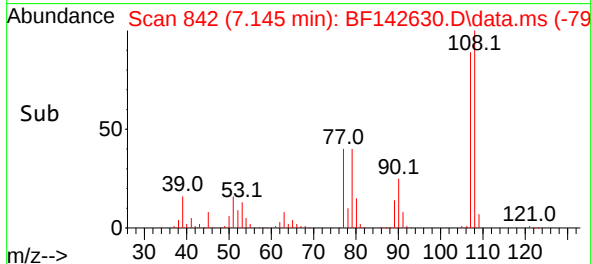


#17
2-Methylphenol
Concen: 42.866 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

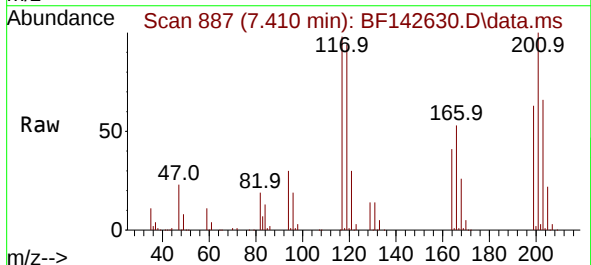
Instrument :
BNA_F
ClientSampleId :



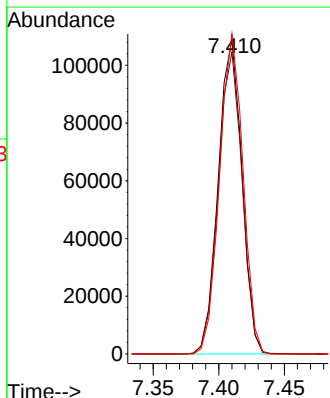
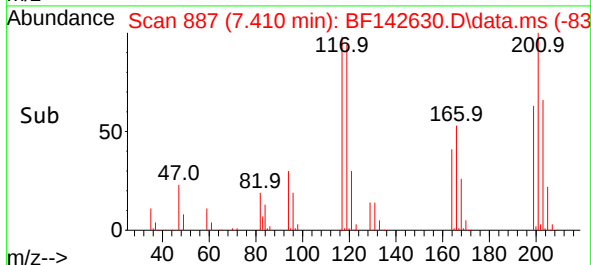
Tgt Ion:107 Resp: 266908
Ion Ratio Lower Upper
107 100
108 112.9 90.2 135.2
77 44.6 36.1 54.1
79 44.6 36.2 54.4



#18
Hexachloroethane
Concen: 43.760 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



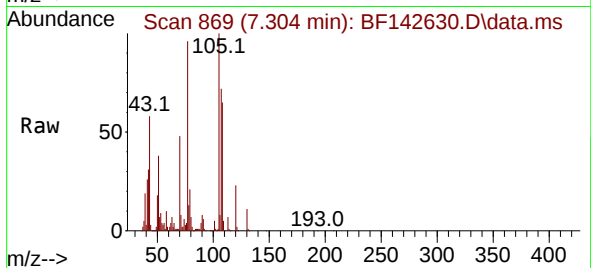
Tgt Ion:117 Resp: 136975
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8
201 101.8 81.3 121.9



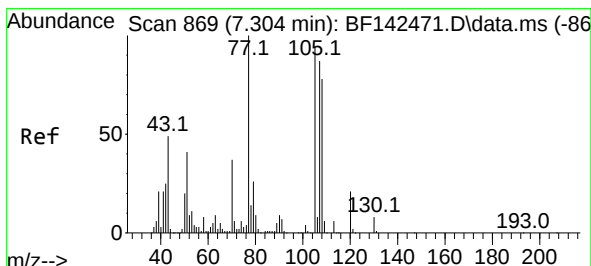
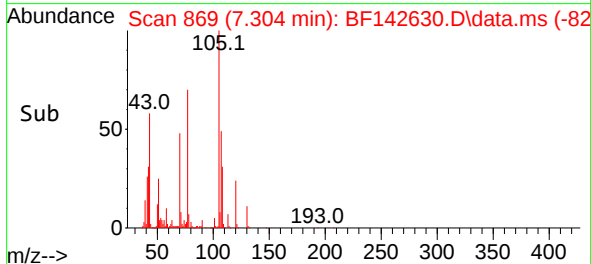
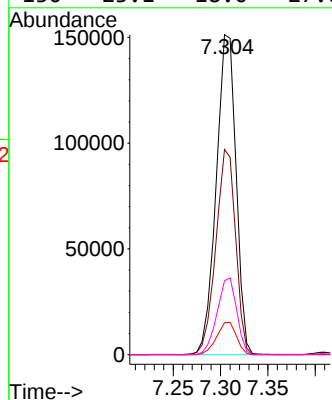


#19
n-Nitroso-di-n-propylamine
Concen: 40.455 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :
BNA_F
ClientSampleId :

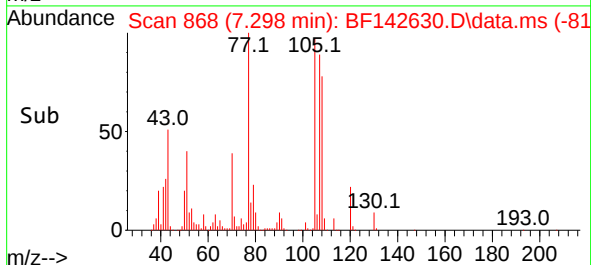
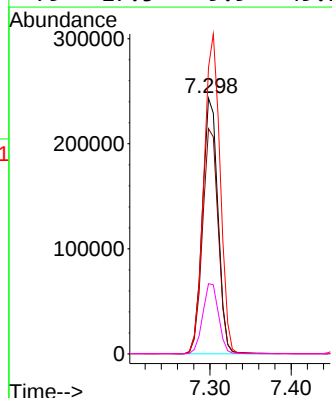
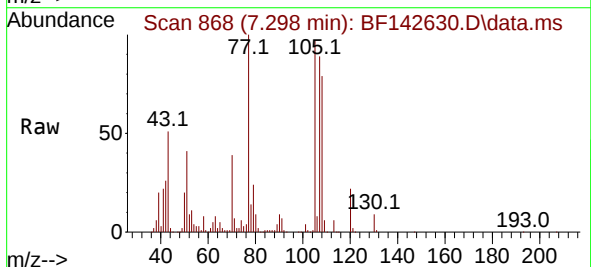


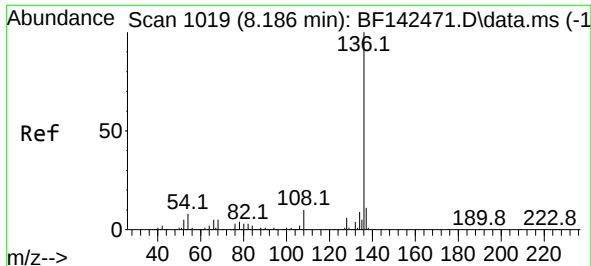
Tgt Ion: 70 Resp: 220986
Ion Ratio Lower Upper
70 100
42 64.2 52.4 78.6
101 10.0 7.8 11.8
130 23.1 18.0 27.0



#20
3+4-Methylphenols
Concen: 40.575 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion: 107 Resp: 323534
Ion Ratio Lower Upper
107 100
108 88.1 70.4 110.4
77 112.1 95.4 135.4
79 27.5 9.9 49.9



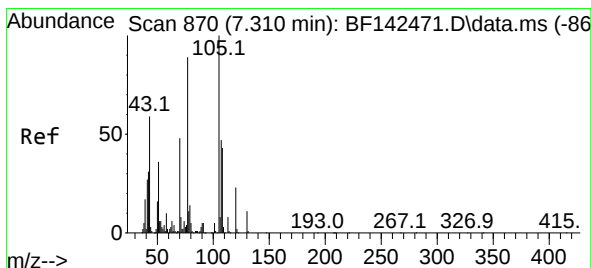
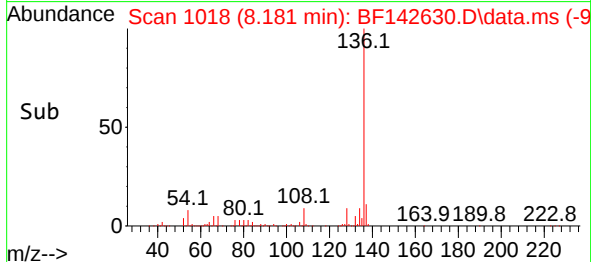
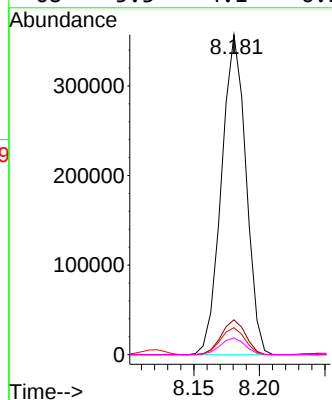
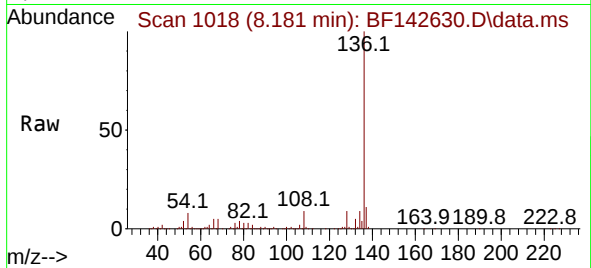


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 463790

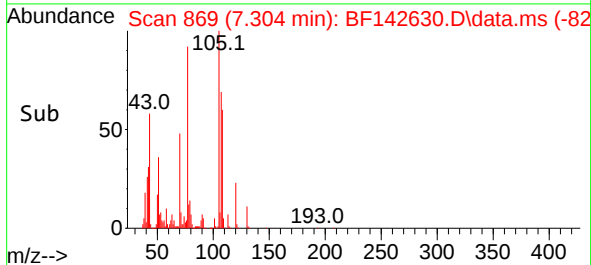
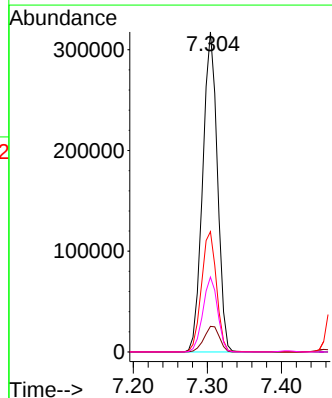
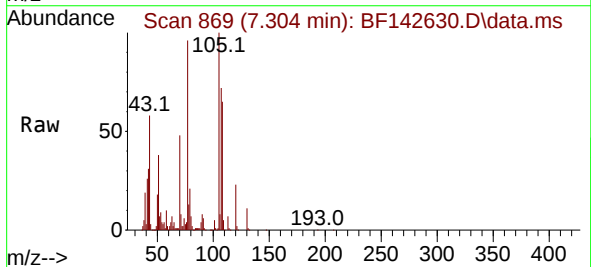
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.4	6.6	10.0
68	5.3	4.1	6.1

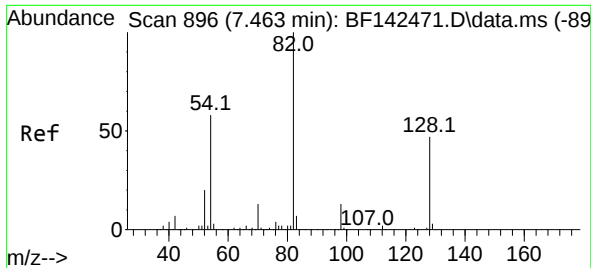


#22
Acetophenone
Concen: 42.819 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:105 Resp: 439621

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.4	9.6
51	37.6	28.6	42.8
120	23.4	18.5	27.7

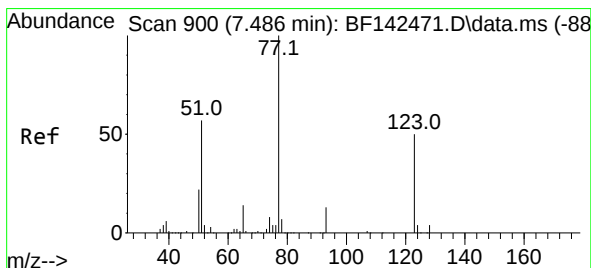
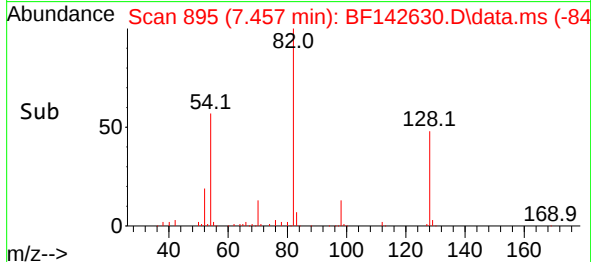
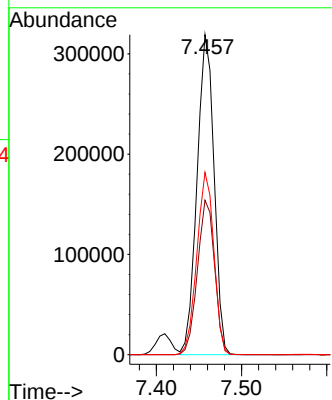
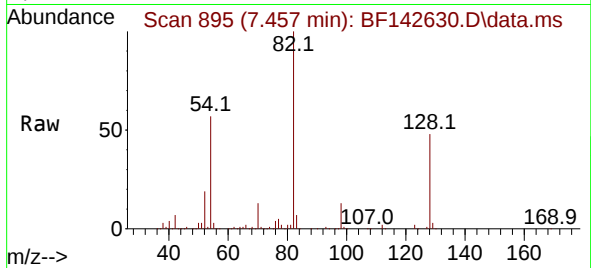




#23
Nitrobenzene-d5
Concen: 52.079 ng
RT: 7.457 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

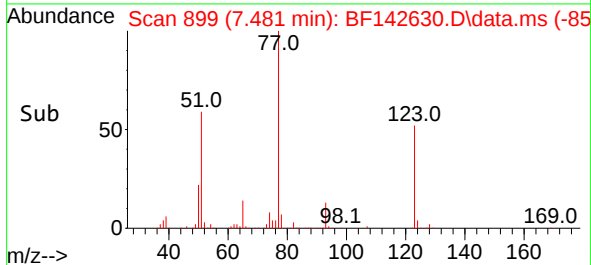
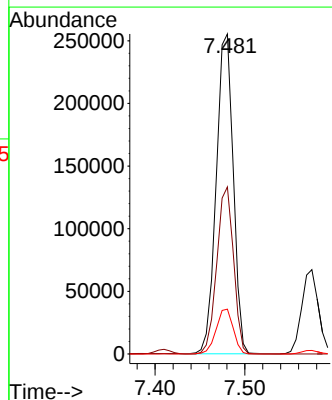
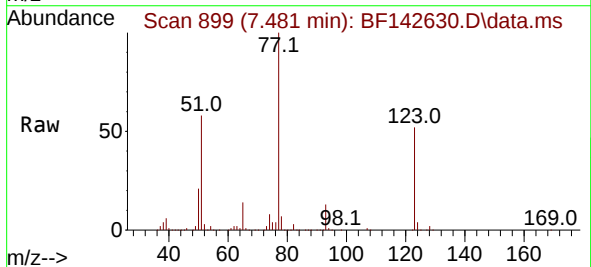
Instrument :
BNA_F
ClientSampleId :

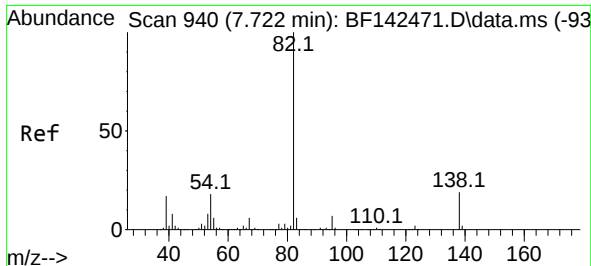
Tgt Ion: 82 Resp: 442951
Ion Ratio Lower Upper
82 100
128 48.3 37.4 56.2
54 57.0 46.6 70.0



#24
Nitrobenzene
Concen: 43.829 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion: 77 Resp: 336215
Ion Ratio Lower Upper
77 100
123 52.2 40.6 61.0
65 14.0 11.4 17.2

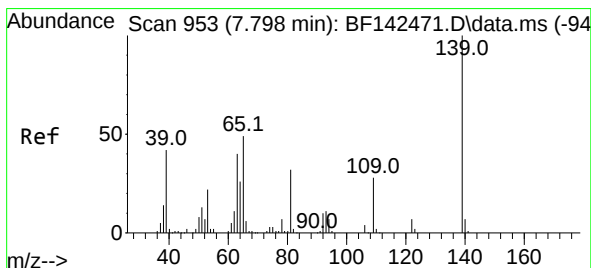
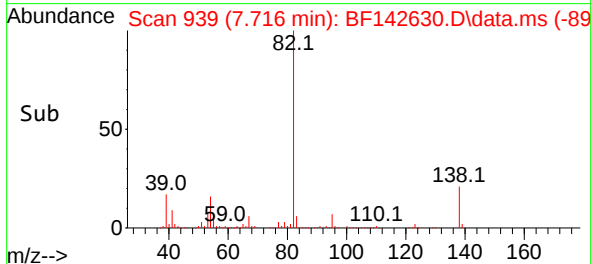
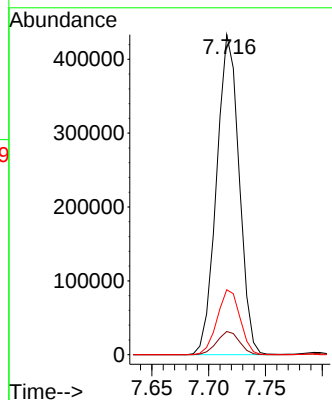
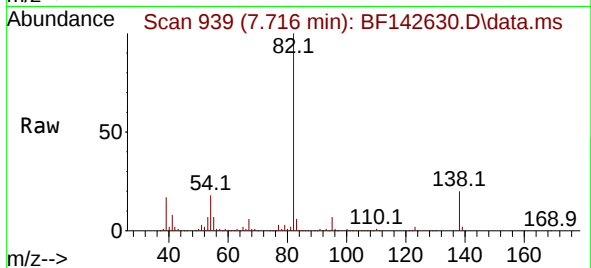




#25
Isophorone
Concen: 42.165 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

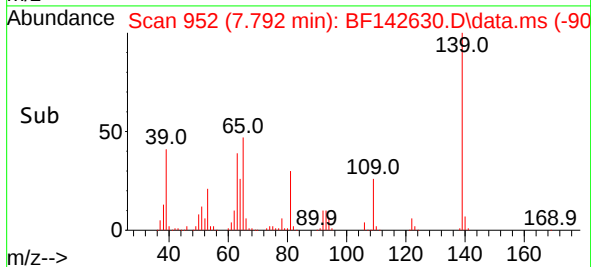
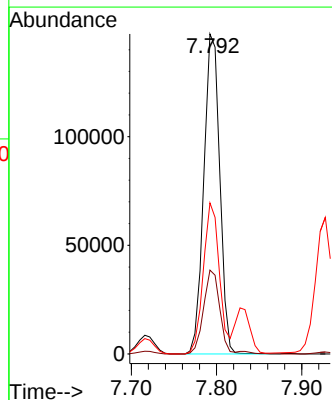
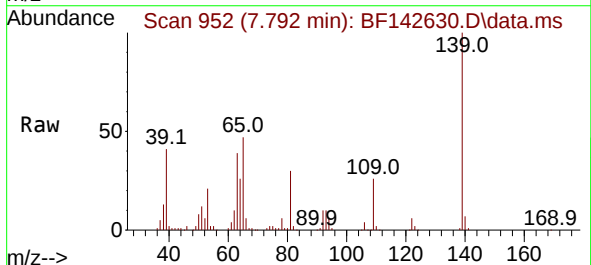
Instrument :
BNA_F
ClientSampleId :

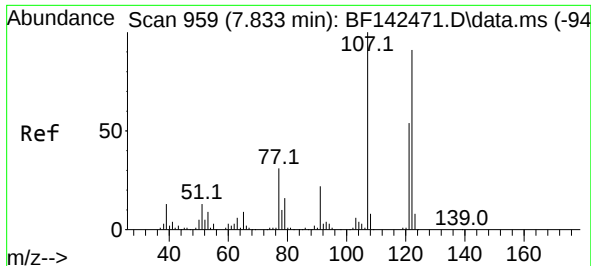
Tgt Ion: 82 Resp: 599610
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 20.3 15.5 23.3



#26
2-Nitrophenol
Concen: 46.842 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion: 139 Resp: 192003
Ion Ratio Lower Upper
139 100
109 26.2 22.6 33.8
65 47.2 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.741 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

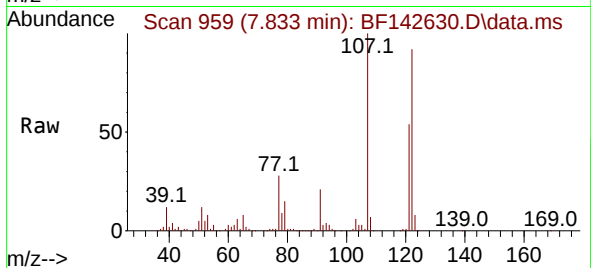
Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :



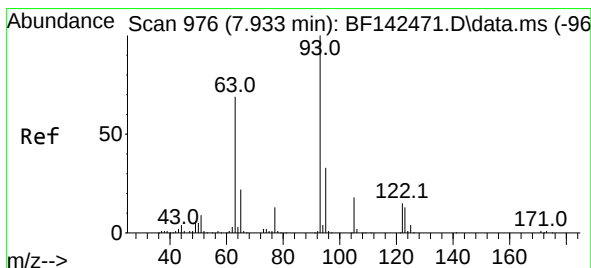
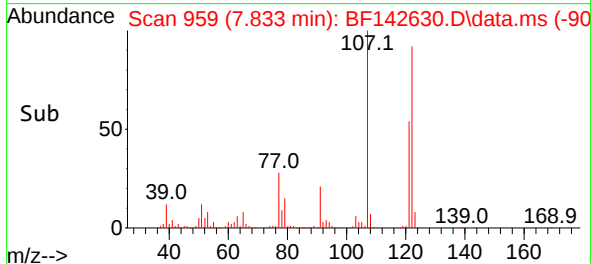
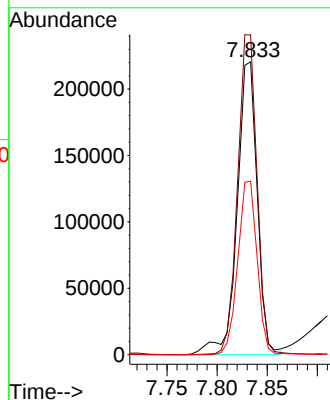
Tgt Ion:122 Resp: 308954

Ion Ratio Lower Upper

122 100

107 109.2 88.1 132.1

121 59.3 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.408 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

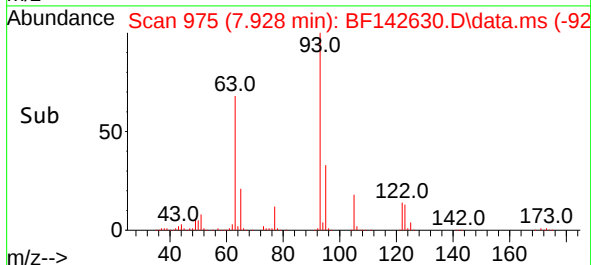
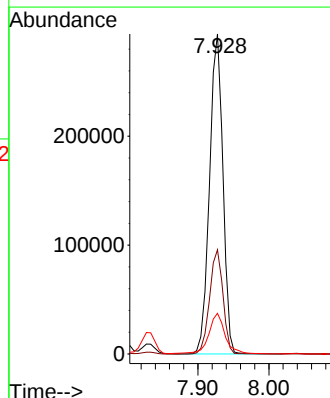
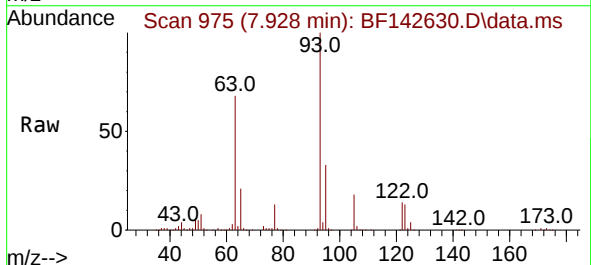
Tgt Ion: 93 Resp: 385605

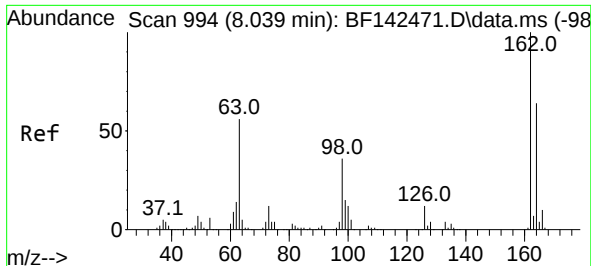
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 12.7 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 43.601 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

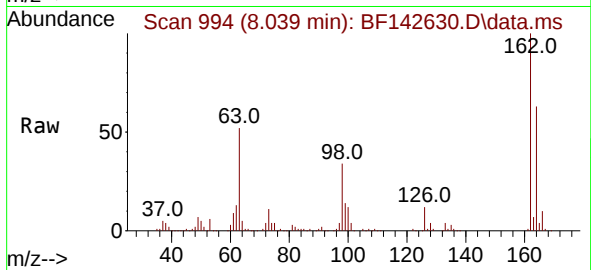
Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :



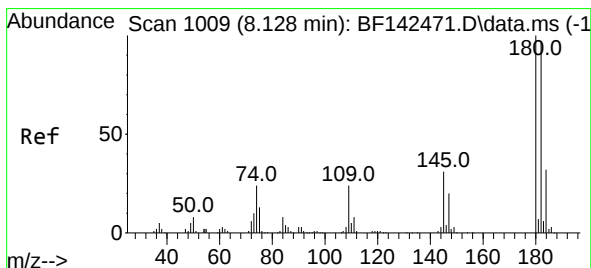
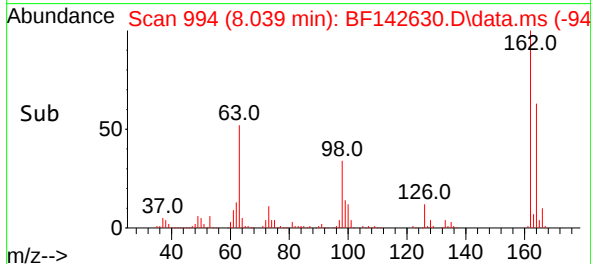
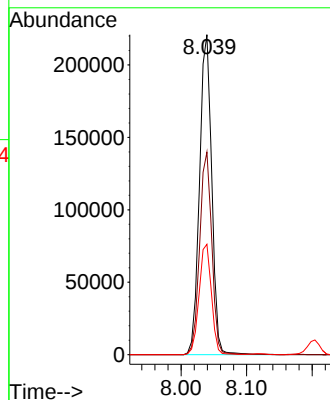
Tgt Ion:162 Resp: 286625

Ion Ratio Lower Upper

162 100

164 63.3 43.7 83.7

98 34.5 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 44.335 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

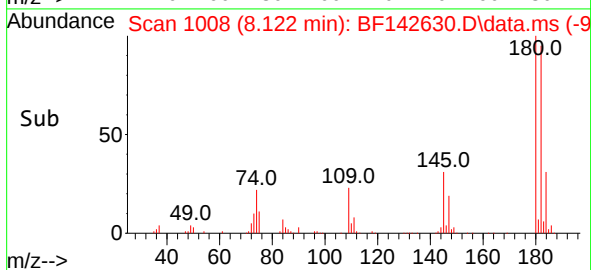
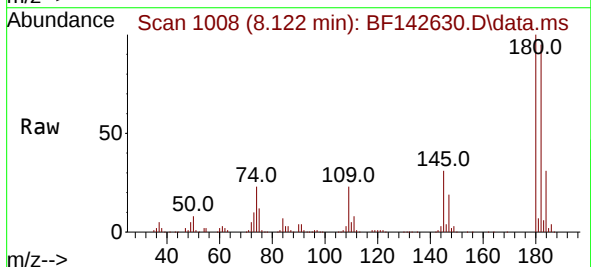
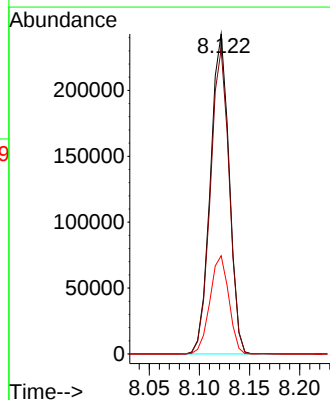
Tgt Ion:180 Resp: 316300

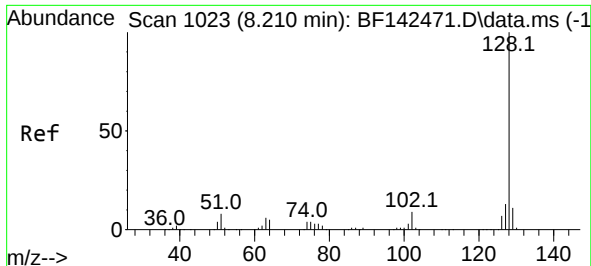
Ion Ratio Lower Upper

180 100

182 95.2 78.0 117.0

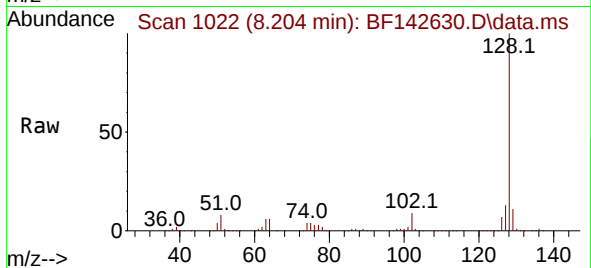
145 30.7 25.0 37.6



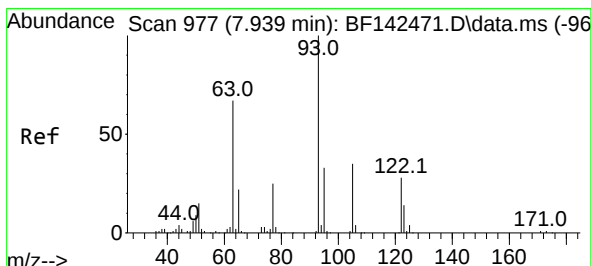
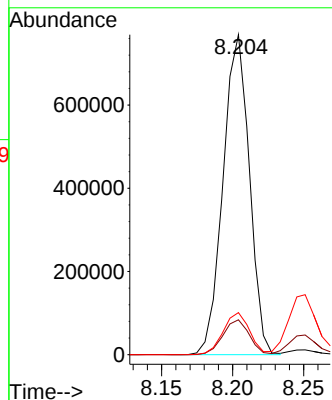
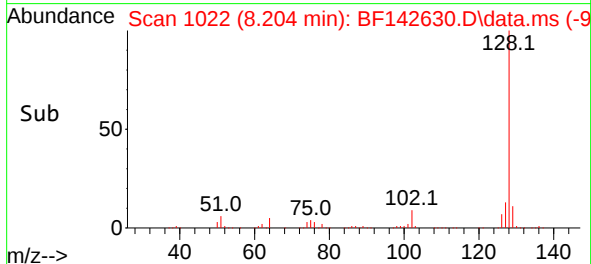


#31
Naphthalene
Concen: 43.366 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :
BNA_F
ClientSampleId :

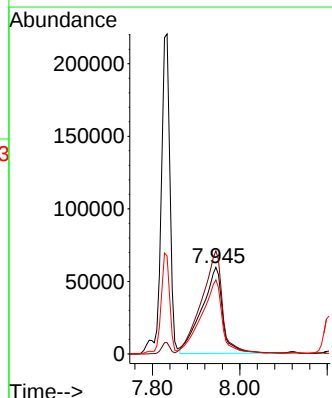
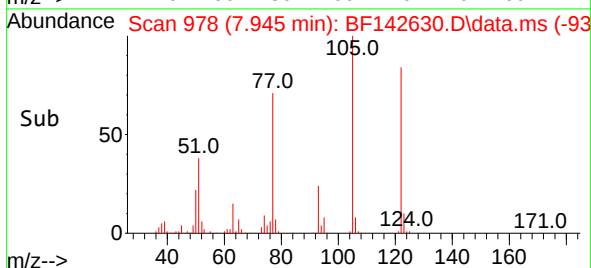
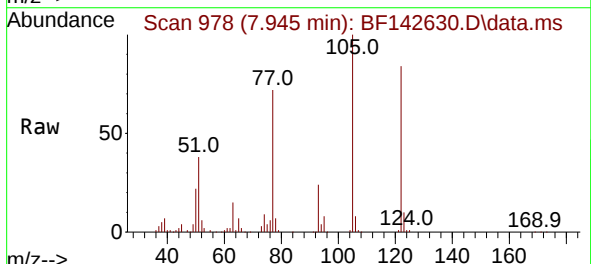


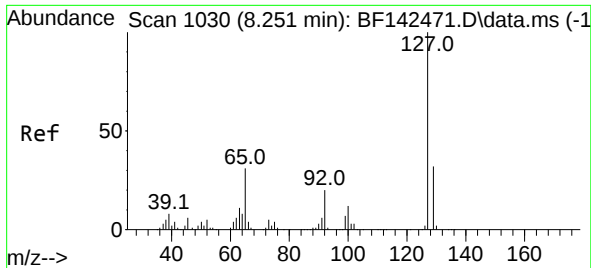
Tgt Ion:128 Resp: 990347
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 45.256 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:122 Resp: 199134
Ion Ratio Lower Upper
122 100
105 119.2 101.7 141.7
77 85.6 69.5 109.5

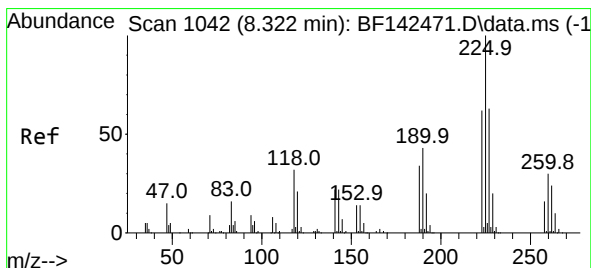
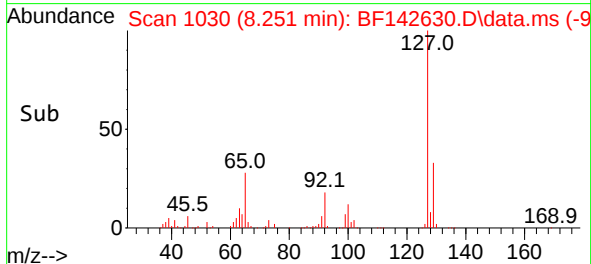
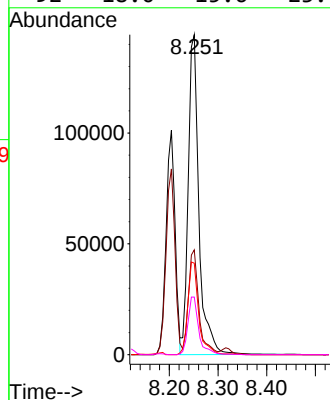
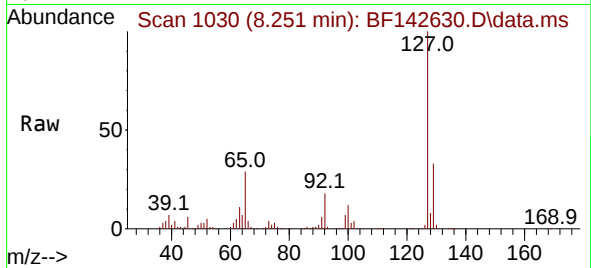




#33
4-Chloroaniline
Concen: 23.783 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

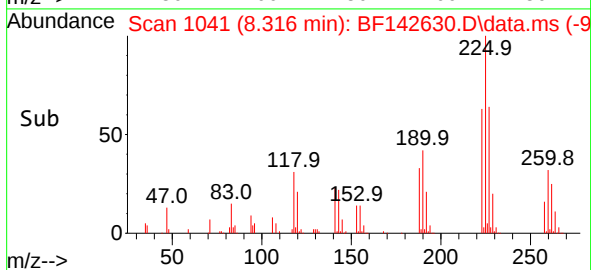
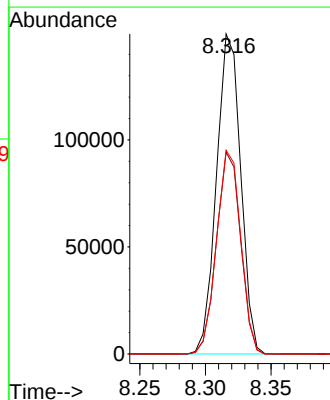
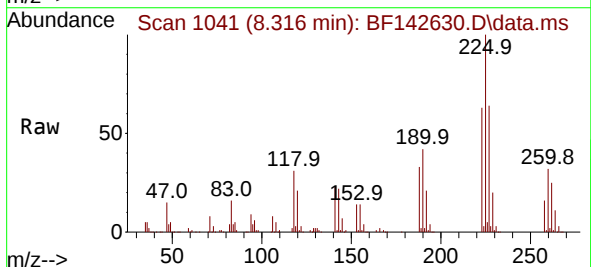
Instrument :
BNA_F
ClientSampleId :

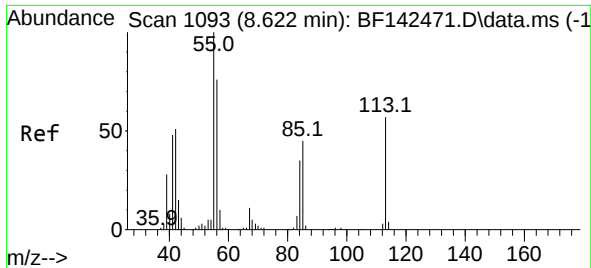
Tgt Ion:	127	Resp:	220081
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	28.6	24.9	37.3
92	18.0	15.6	23.4



#34
Hexachlorobutadiene
Concen: 43.046 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

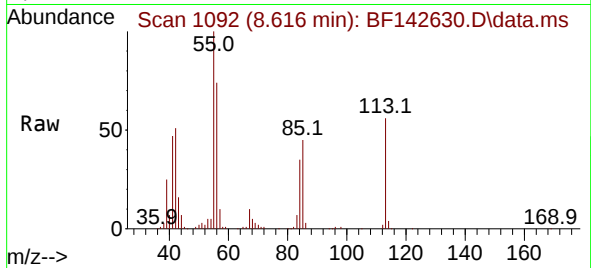
Tgt Ion:	225	Resp:	191757
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	63.7	50.3	75.5



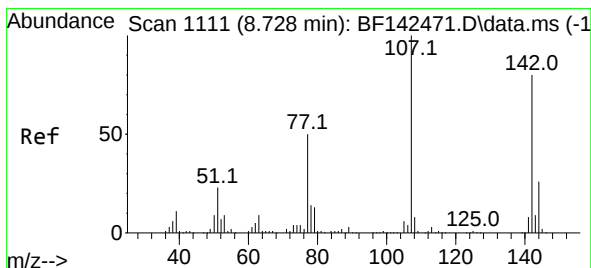
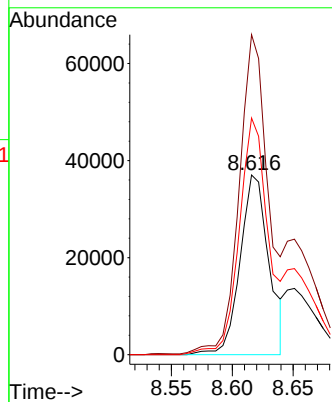
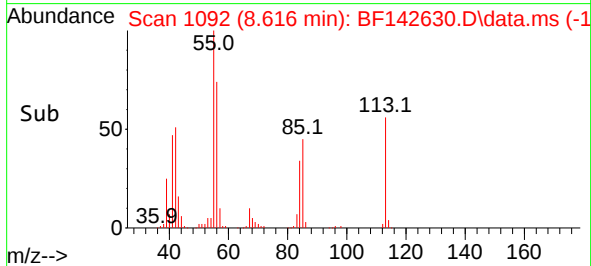


#35
 Caprolactam
 Concen: 32.965 ng
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF142630.D
 Acq: 05 Jun 2025 13:07

Instrument :
 BNA_F
 ClientSampleId :

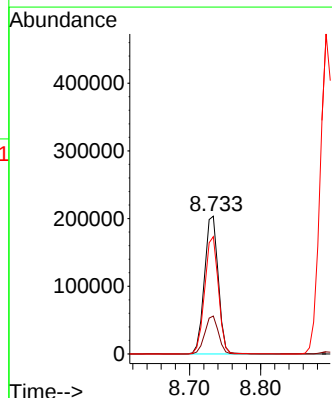
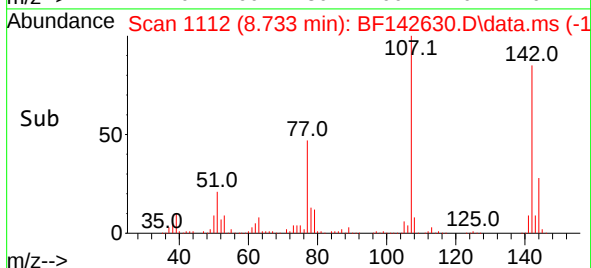
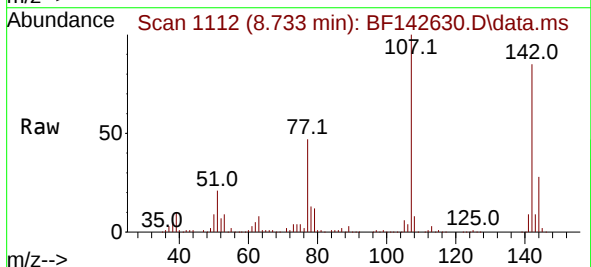


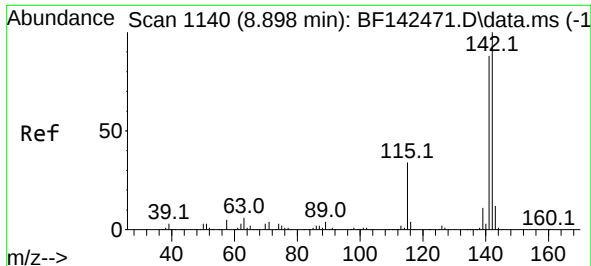
Tgt Ion:113 Resp: 60863
 Ion Ratio Lower Upper
 113 100
 55 178.1 154.7 194.7
 56 131.7 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.005 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142630.D
 Acq: 05 Jun 2025 13:07

Tgt Ion:107 Resp: 276250
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.9 31.3
 142 85.1 64.2 96.2





#37

2-Methylnaphthalene

Concen: 41.975 ng

RT: 8.892 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

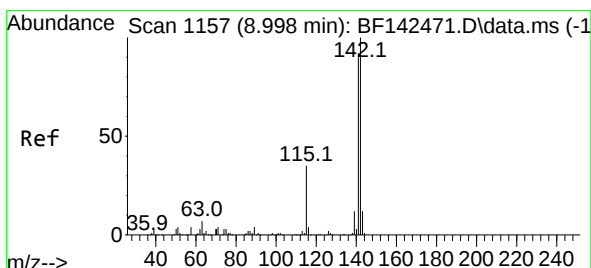
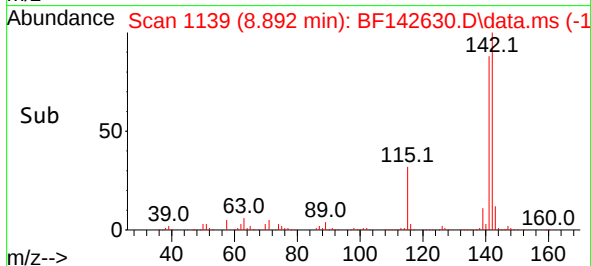
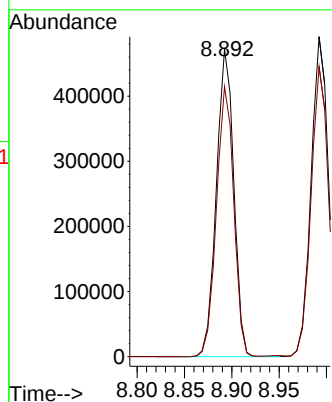
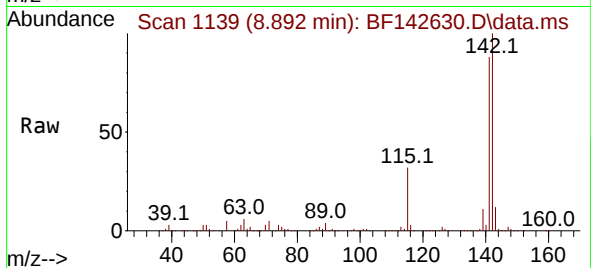
ClientSampleId :

Tgt Ion:142 Resp: 603054

Ion Ratio Lower Upper

142 100

141 87.8 70.7 106.1



#38

1-Methylnaphthalene

Concen: 41.743 ng

RT: 8.992 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF142630.D

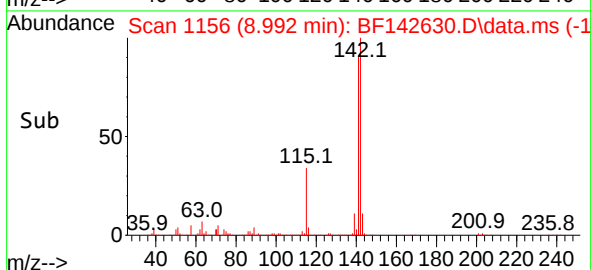
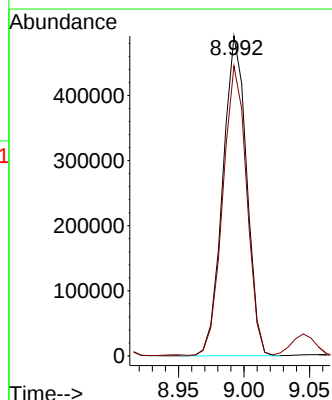
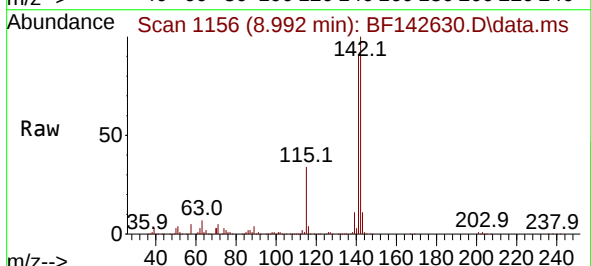
Acq: 05 Jun 2025 13:07

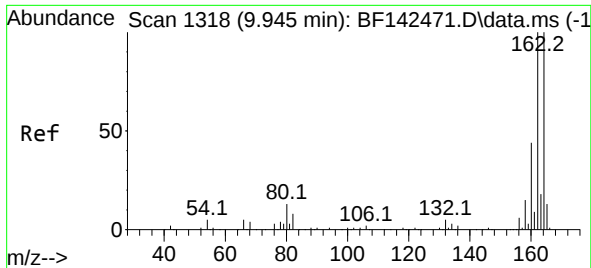
Tgt Ion:142 Resp: 620345

Ion Ratio Lower Upper

142 100

141 90.6 73.4 110.2

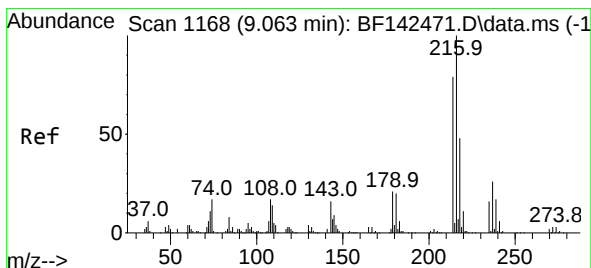
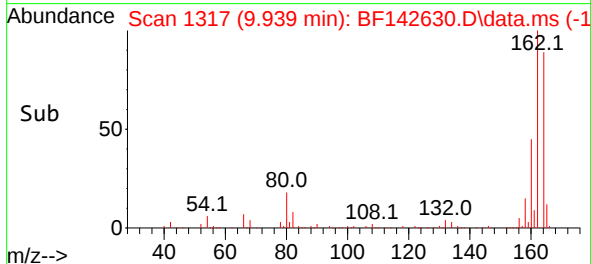
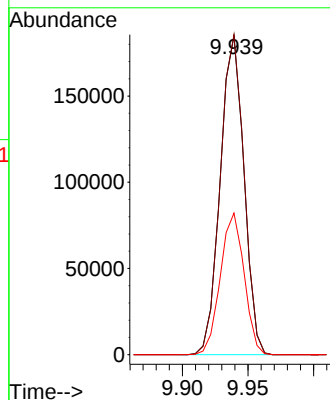
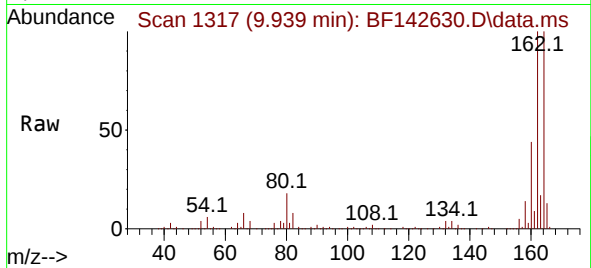




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

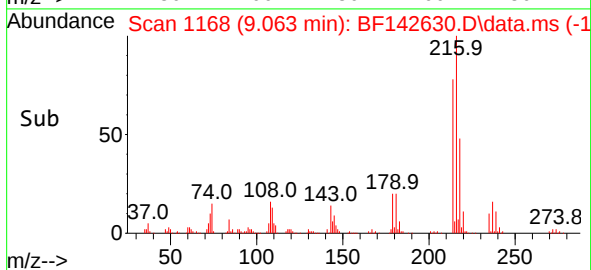
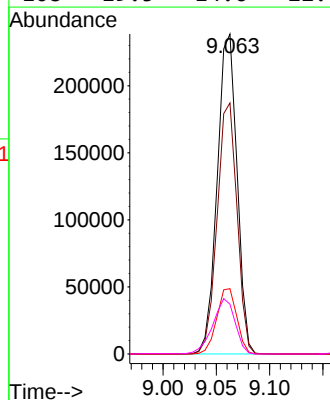
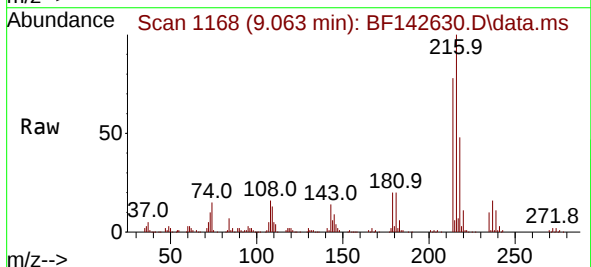
Instrument :
BNA_F
ClientSampleId :

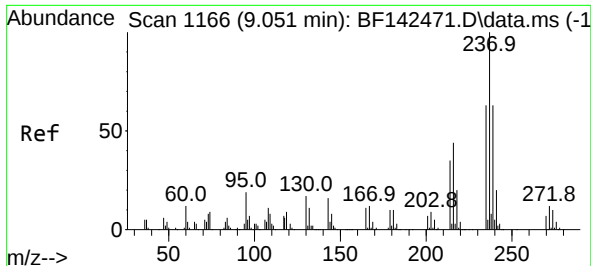
Tgt Ion:164 Resp: 232069
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.4
160 44.5 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.227 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:216 Resp: 307948
Ion Ratio Lower Upper
216 100
214 78.7 62.9 94.3
179 20.6 16.9 25.3
108 19.5 14.6 22.0

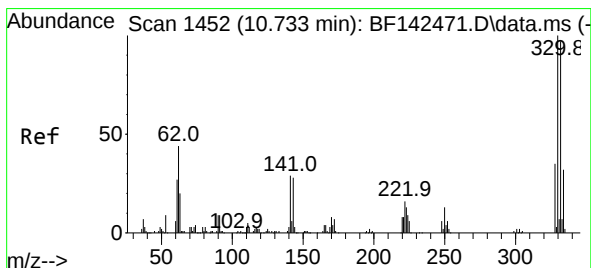
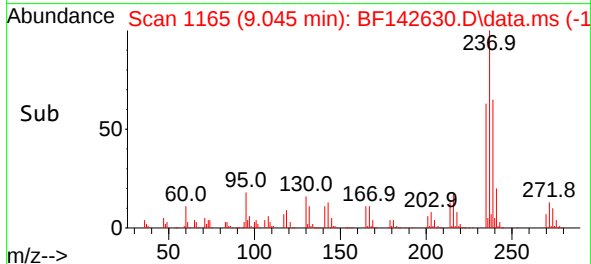
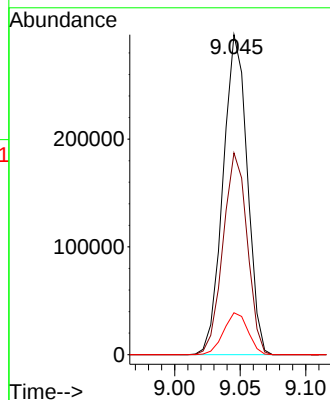
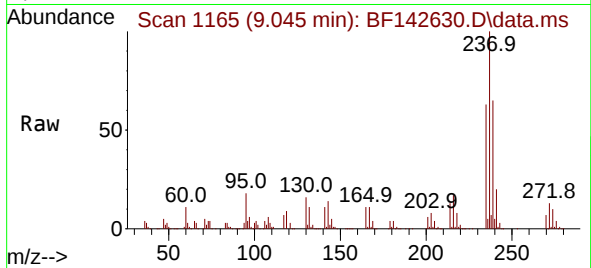




#41
Hexachlorocyclopentadiene
Concen: 84.810 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

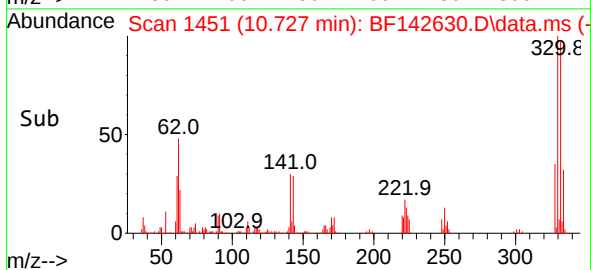
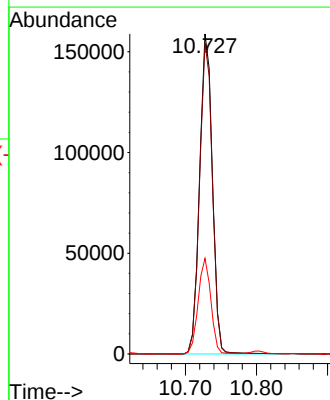
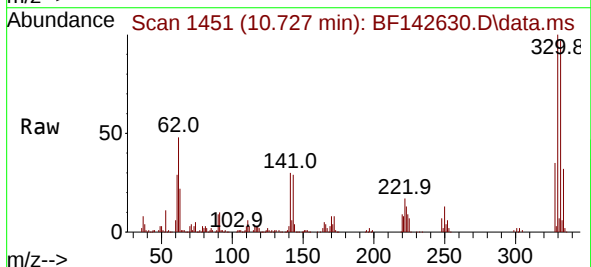
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:237 Resp: 381130
Ion Ratio Lower Upper
237 100
235 63.0 43.3 83.3
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 77.446 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

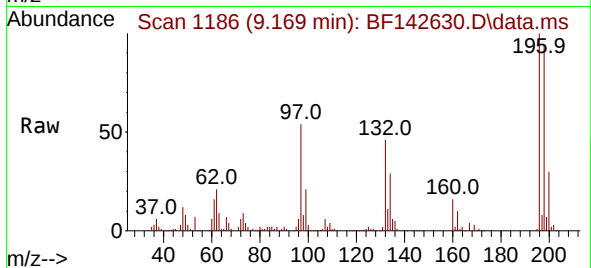
Tgt Ion:330 Resp: 199475
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 29.7 24.6 36.8



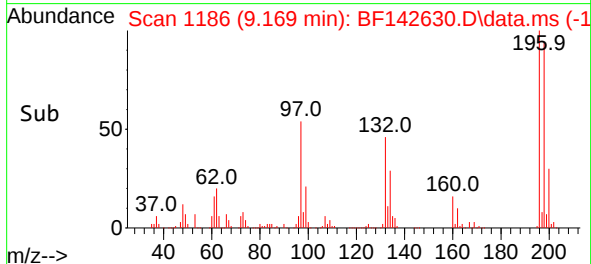
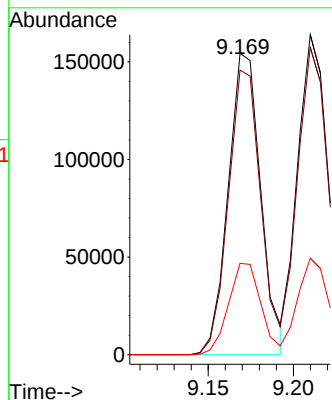


#43
2,4,6-Trichlorophenol
Concen: 45.608 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :
BNA_F
ClientSampleId :

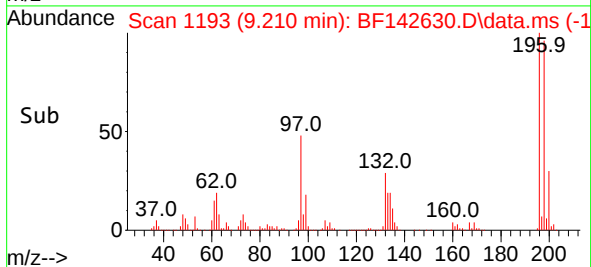
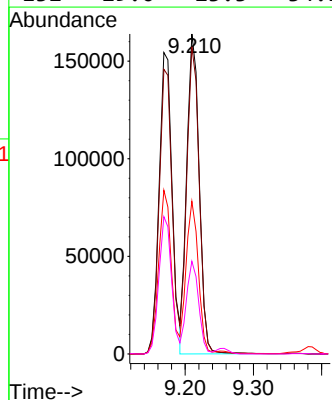
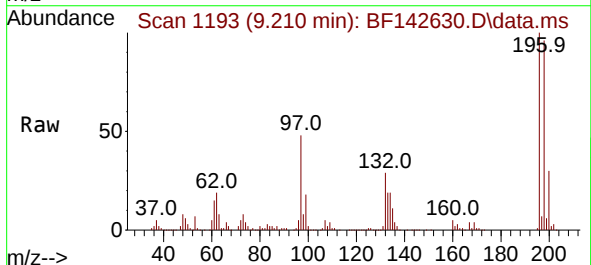


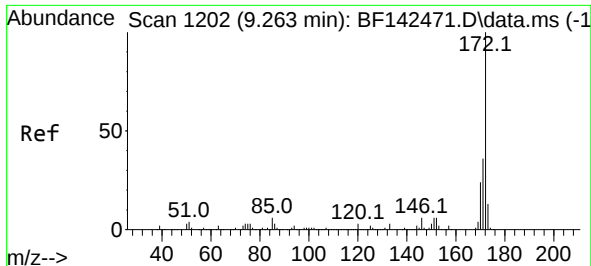
Tgt Ion:196 Resp: 204875
Ion Ratio Lower Upper
196 100
198 94.4 78.8 118.2
200 30.3 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 43.603 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

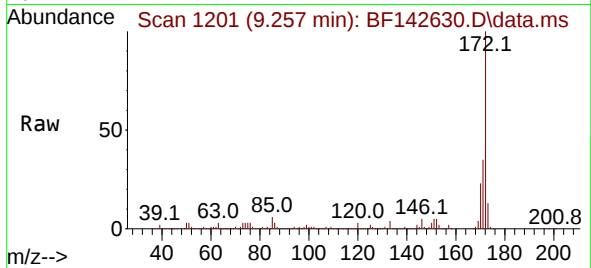
Tgt Ion:196 Resp: 206573
Ion Ratio Lower Upper
196 100
198 96.0 75.5 113.3
97 47.7 39.3 58.9
132 29.0 23.3 34.9



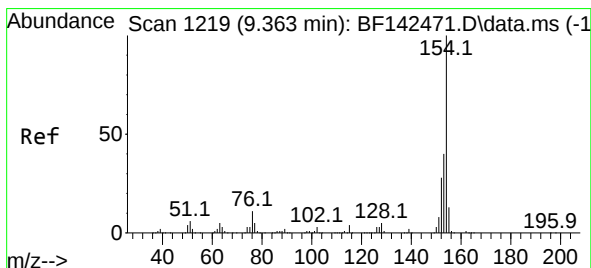
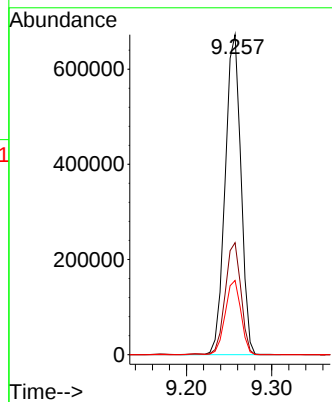
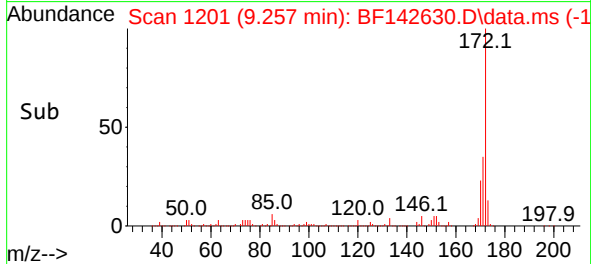


#45
2-Fluorobiphenyl
Concen: 50.080 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

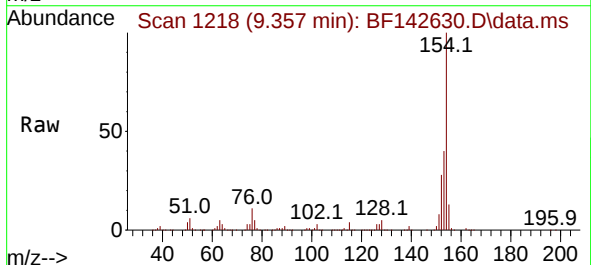
Instrument :
BNA_F
ClientSampleId :



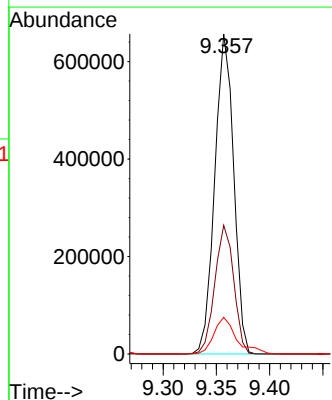
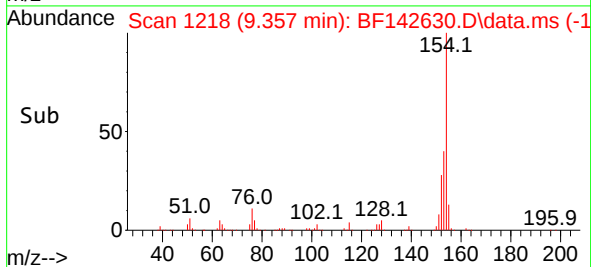
Tgt Ion:172 Resp: 866115
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.2 18.9 28.3

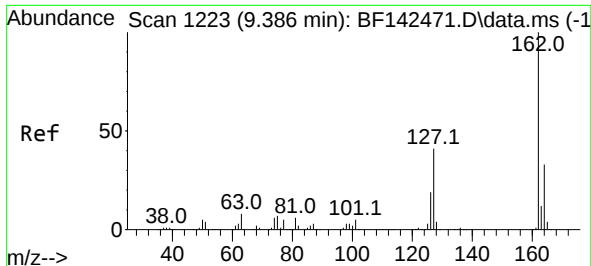


#46
1,1'-Biphenyl
Concen: 44.944 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



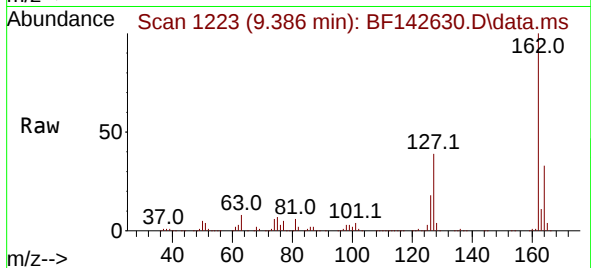
Tgt Ion:154 Resp: 809190
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.5 0.0 30.8



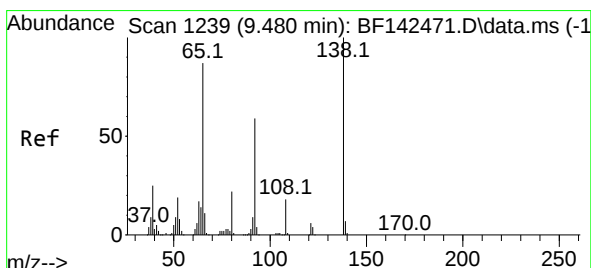
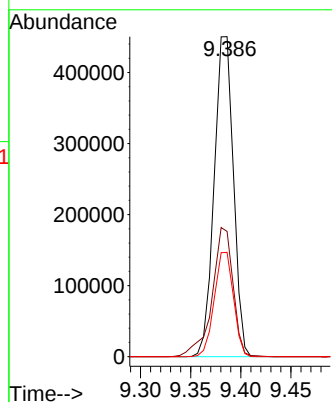
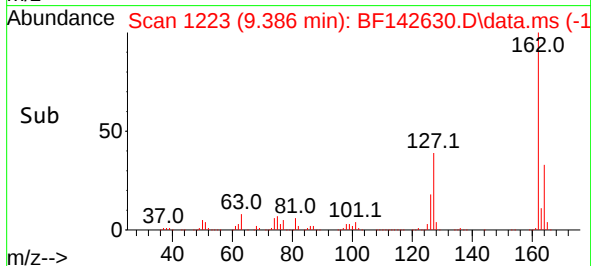


#47
2-Chloronaphthalene
Concen: 45.242 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

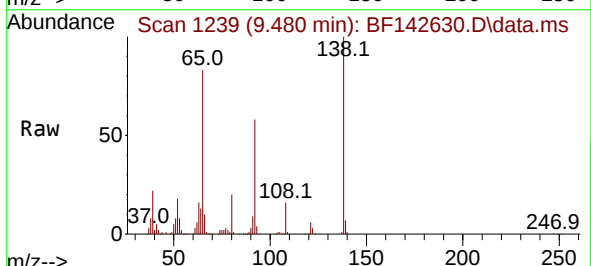
Instrument :
BNA_F
ClientSampleId :



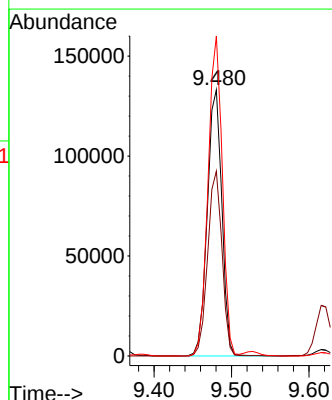
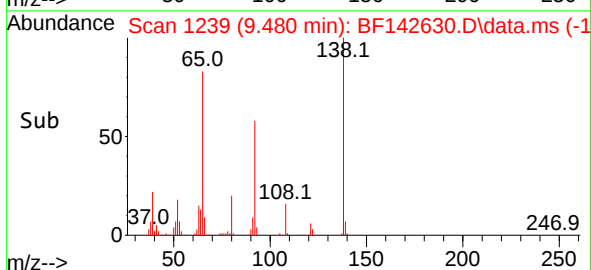
Tgt Ion:162 Resp: 601823
Ion Ratio Lower Upper
162 100
127 39.2 33.5 50.3
164 32.6 26.1 39.1

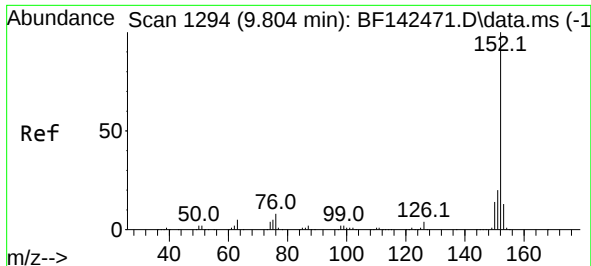


#48
2-Nitroaniline
Concen: 45.115 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



Tgt Ion: 65 Resp: 173466
Ion Ratio Lower Upper
65 100
92 69.4 54.4 81.6
138 120.2 91.4 137.2





#49

Acenaphthylene

Concen: 43.832 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.012 min

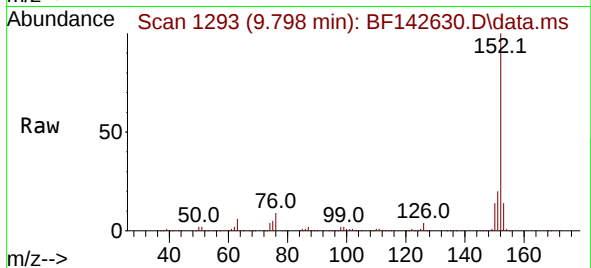
Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :



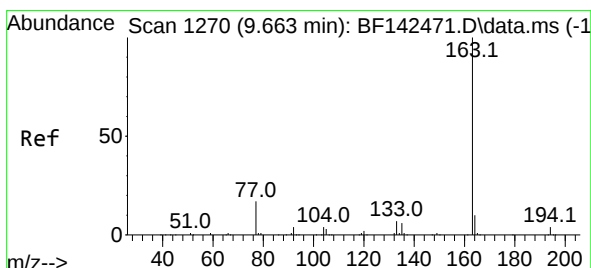
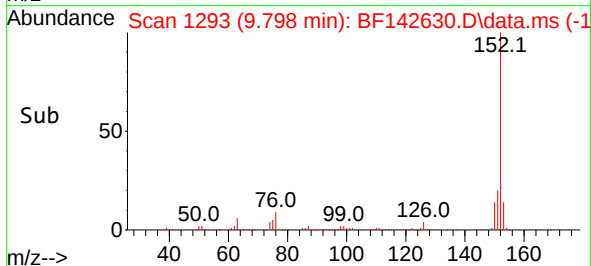
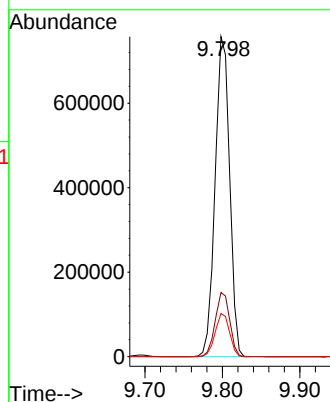
Tgt Ion:152 Resp: 984557

Ion	Ratio	Lower	Upper
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152	100		
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151	20.1	15.8	23.8
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153	13.5	10.6	15.8
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#50

Dimethylphthalate

Concen: 43.225 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

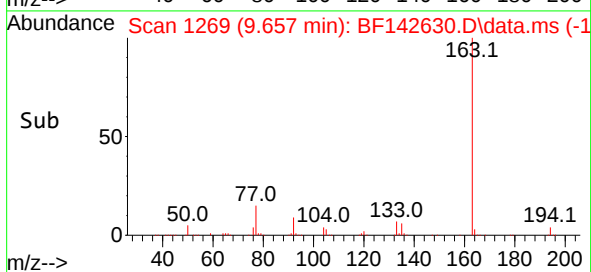
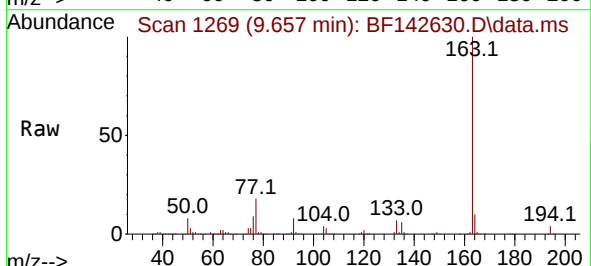
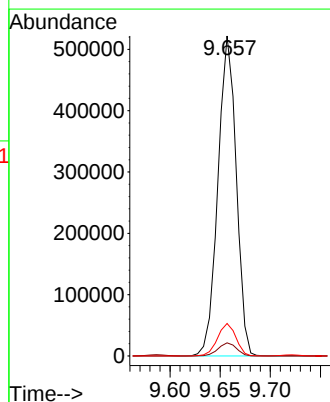
Tgt Ion:163 Resp: 661895

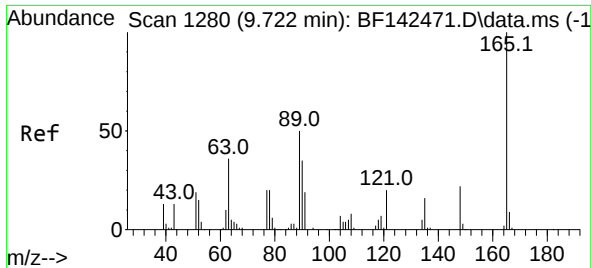
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

163	100		
-----	-----	--	--

194	4.1	3.3	4.9
-----	-----	-----	-----

164	10.2	8.2	12.4
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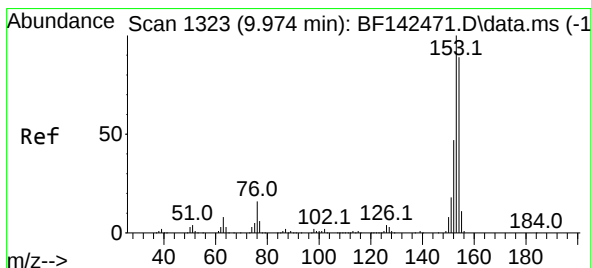
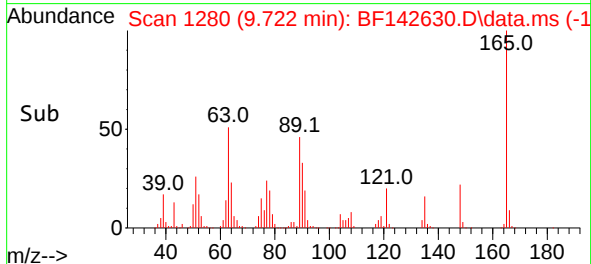
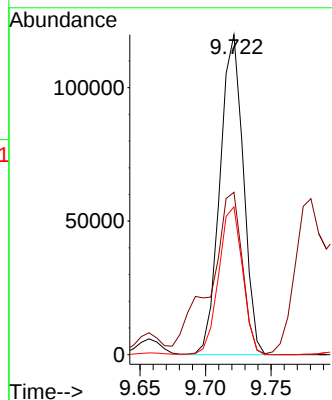
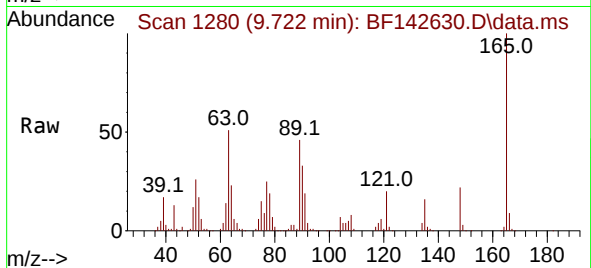




#51
2,6-Dinitrotoluene
Concen: 44.900 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

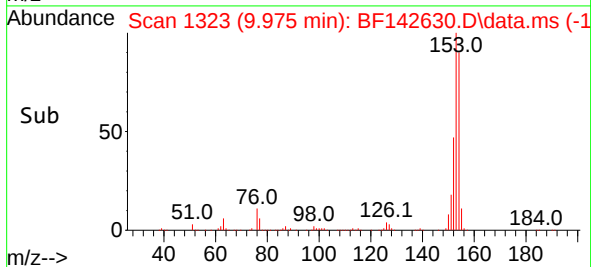
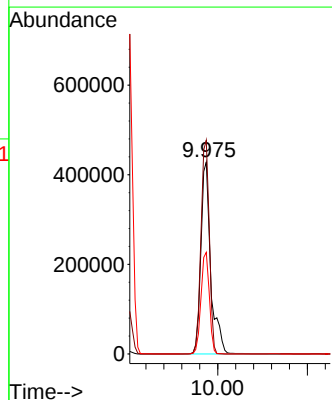
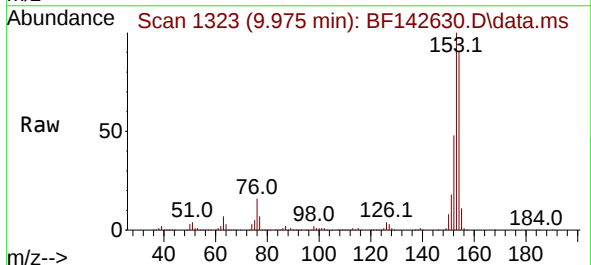
Instrument :
BNA_F
ClientSampleId :

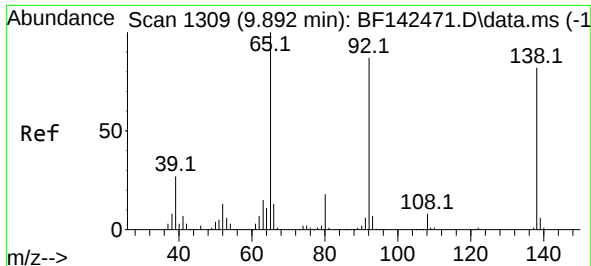
Tgt Ion:165 Resp: 148392
Ion Ratio Lower Upper
165 100
63 50.7 42.9 64.3
89 46.2 40.2 60.4



#52
Acenaphthene
Concen: 47.744 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

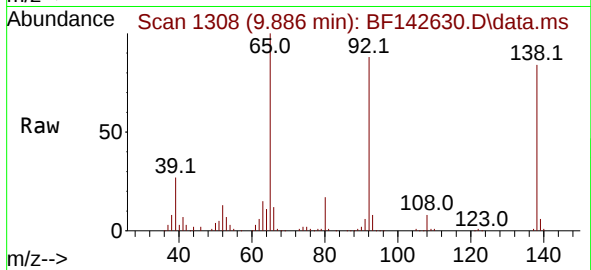
Tgt Ion:154 Resp: 654841
Ion Ratio Lower Upper
154 100
153 111.4 90.0 135.0
152 52.9 42.6 64.0



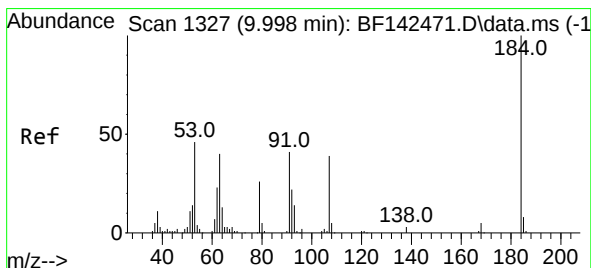
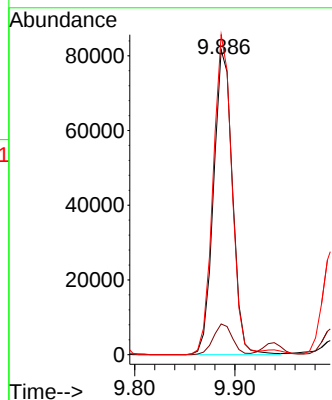
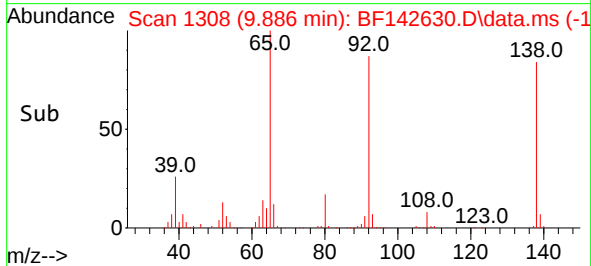


#53
3-Nitroaniline
Concen: 29.610 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :
BNA_F
ClientSampleId :

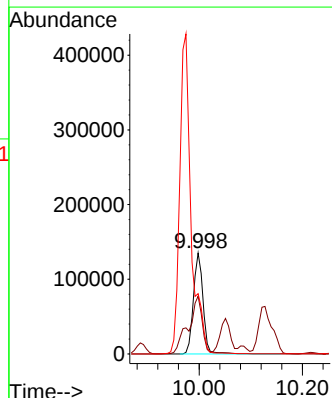
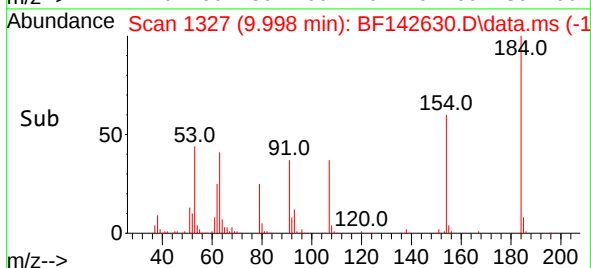
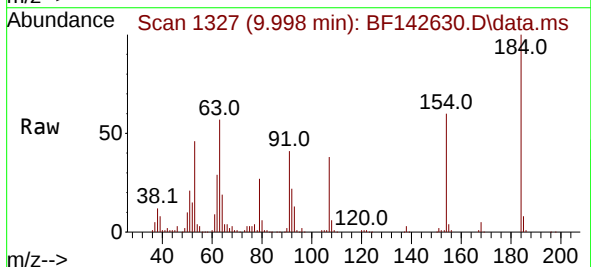


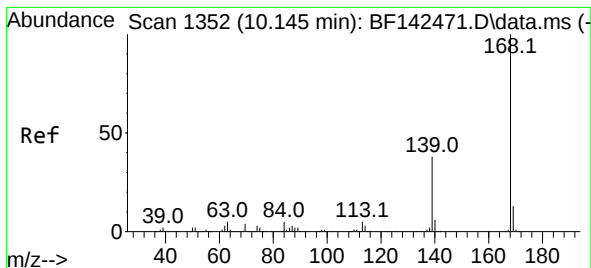
Tgt Ion:138 Resp: 106885
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 104.9 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 102.981 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:184 Resp: 175836
Ion Ratio Lower Upper
184 100
63 57.2 46.3 69.5
154 59.9 56.8 85.2





#55

Dibenzofuran

Concen: 42.904 ng

RT: 10.145 min Scan# 1352

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

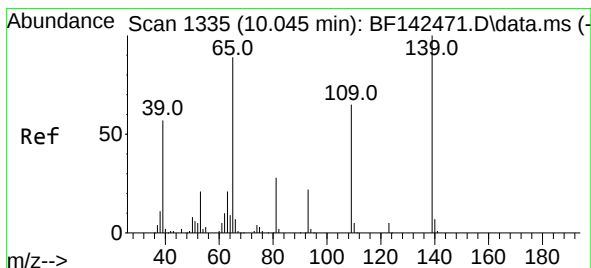
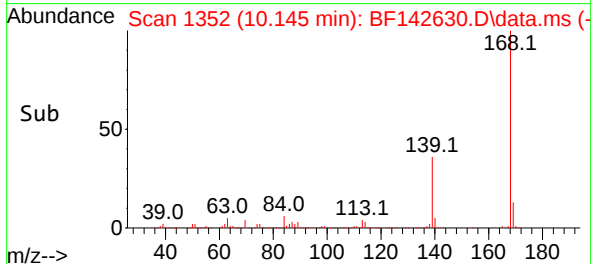
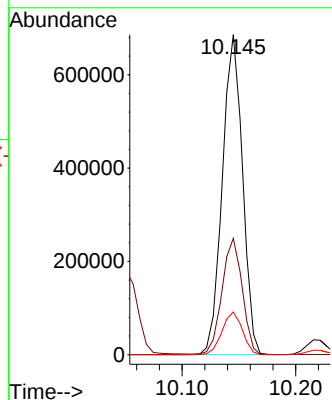
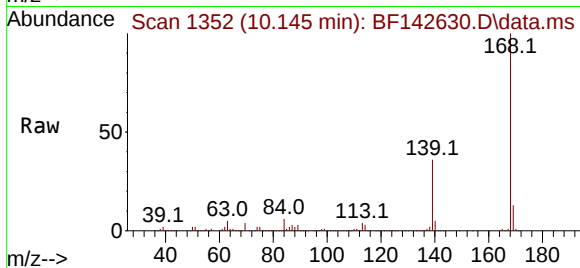
Tgt Ion:168 Resp: 846807

Ion Ratio Lower Upper

168 100

139 36.3 30.2 45.2

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 91.196 ng

RT: 10.051 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

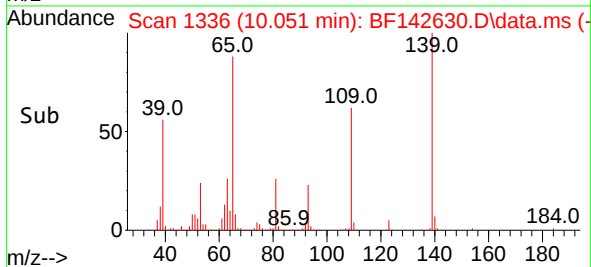
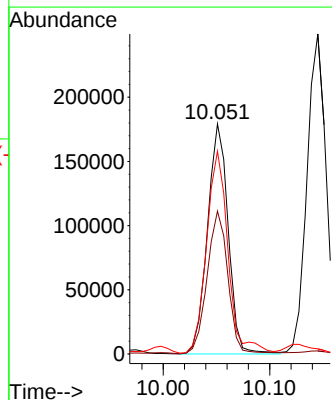
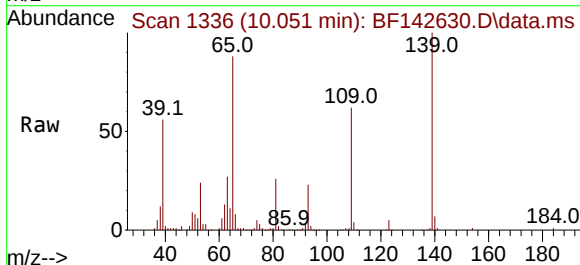
Tgt Ion:139 Resp: 242899

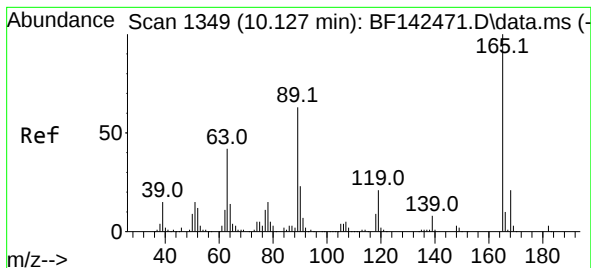
Ion Ratio Lower Upper

139 100

109 62.1 45.1 85.1

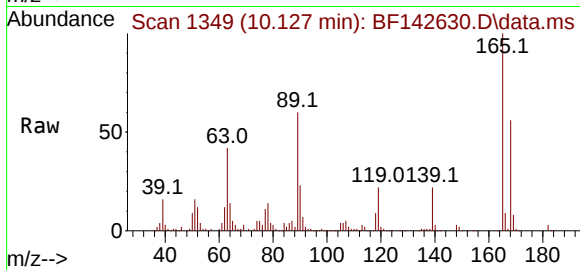
65 88.1 69.7 109.7



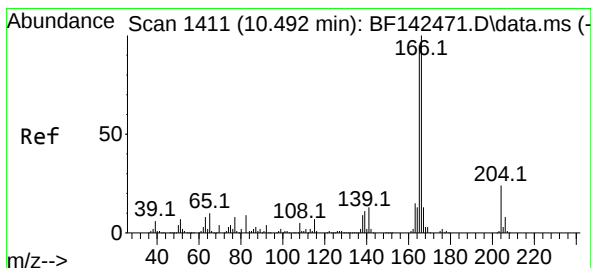
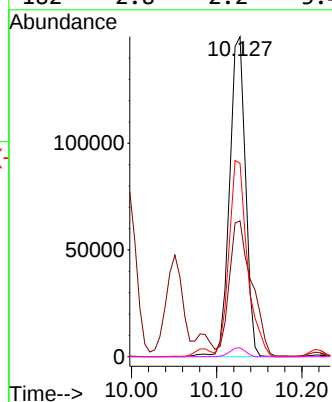
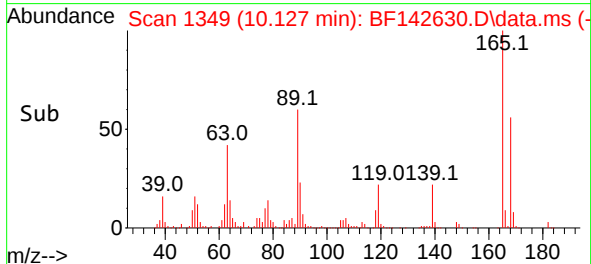


#57
2,4-Dinitrotoluene
Concen: 45.290 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

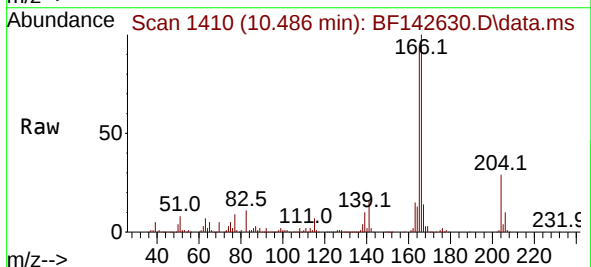
Instrument :
BNA_F
ClientSampleId :



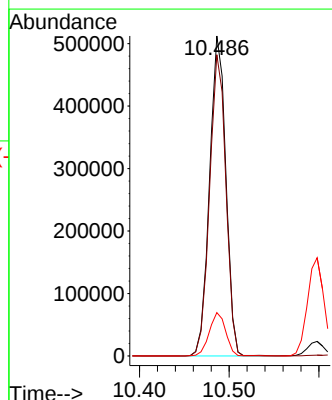
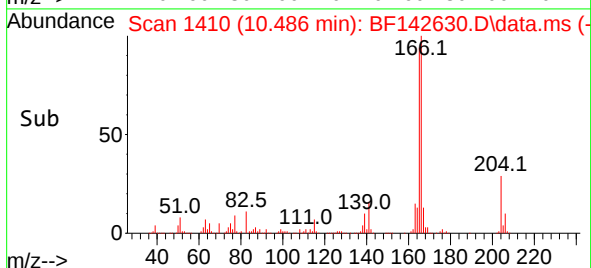
Tgt Ion:165 Resp: 195481
Ion Ratio Lower Upper
165 100
63 42.4 33.6 50.4
89 60.4 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 42.375 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



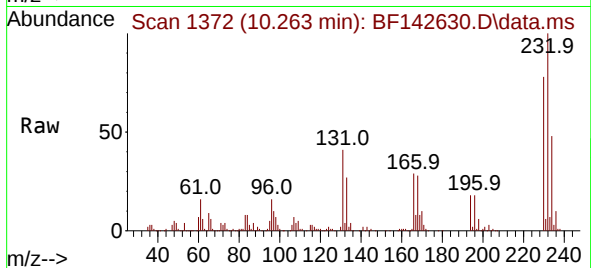
Tgt Ion:166 Resp: 646129
Ion Ratio Lower Upper
166 100
165 94.1 75.8 113.8
167 13.6 10.6 16.0



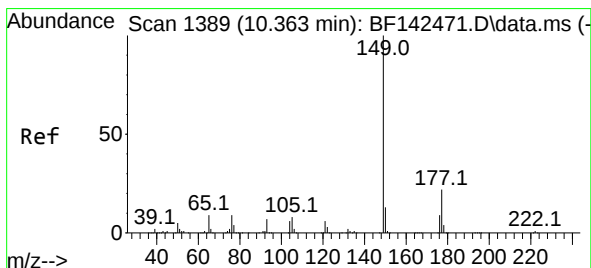
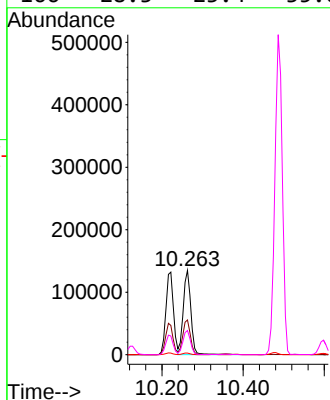
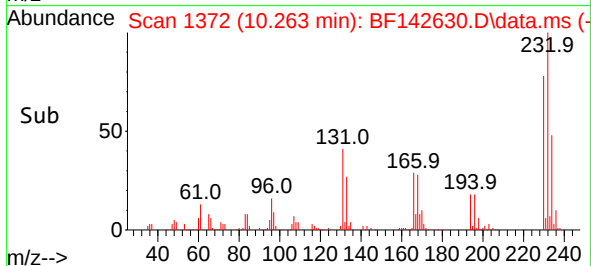


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.920 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

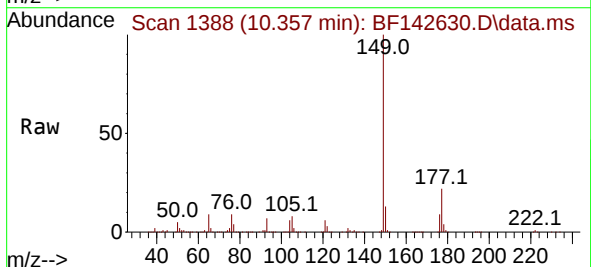
Instrument :
BNA_F
ClientSampleId :



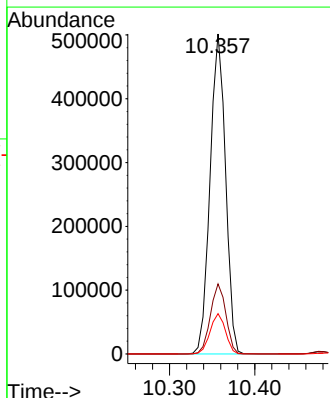
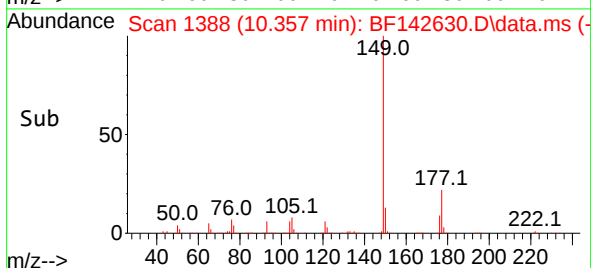
Tgt Ion:232 Resp: 173703
Ion Ratio Lower Upper
232 100
131 41.7 35.2 52.8
130 2.0 1.7 2.5
166 28.3 23.4 35.0

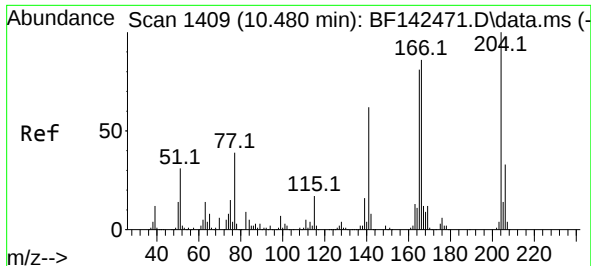


#60
Diethylphthalate
Concen: 42.251 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



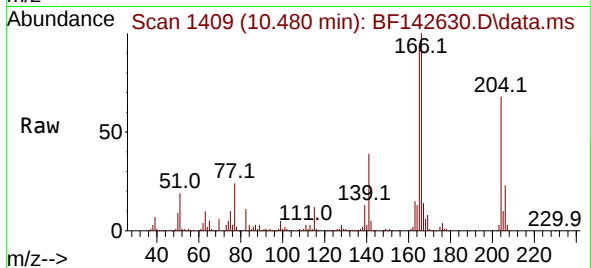
Tgt Ion:149 Resp: 631869
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.6 10.1 15.1



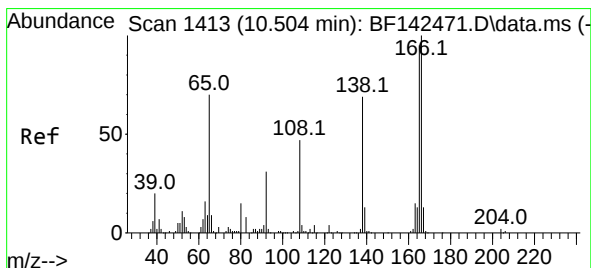
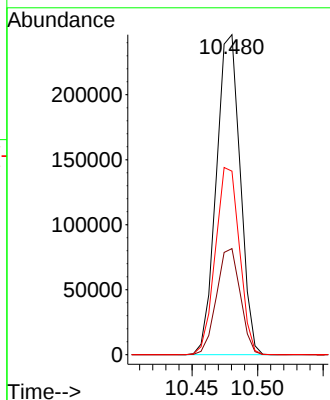
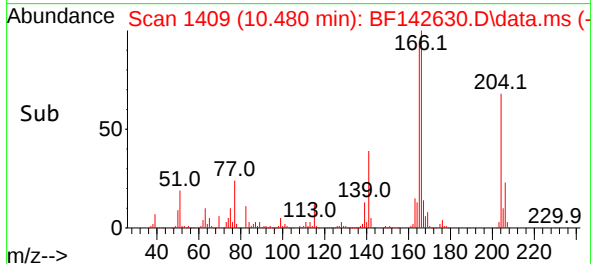


#61
4-Chlorophenyl-phenylether
Concen: 41.620 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

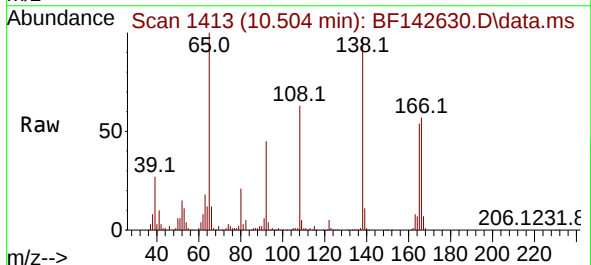
Instrument :
BNA_F
ClientSampleId :



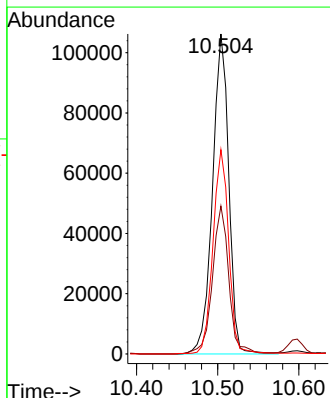
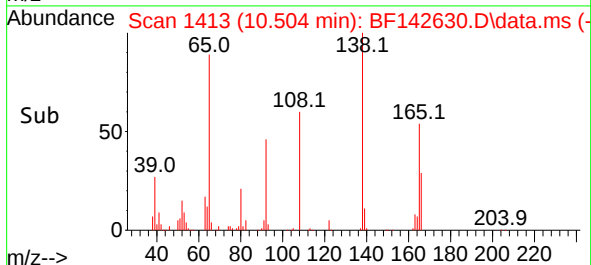
Tgt Ion:204 Resp: 311750
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 57.4 49.5 74.3

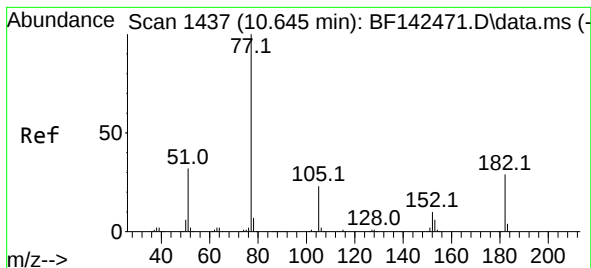


#62
4-Nitroaniline
Concen: 45.122 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



Tgt Ion:138 Resp: 147725
Ion Ratio Lower Upper
138 100
92 46.2 26.0 66.0
108 63.8 48.4 88.4





#63

Azobenzene

Concen: 47.163 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

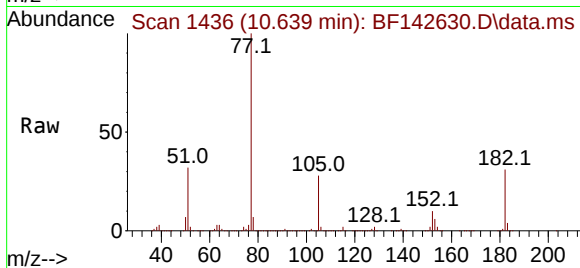
Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 633510

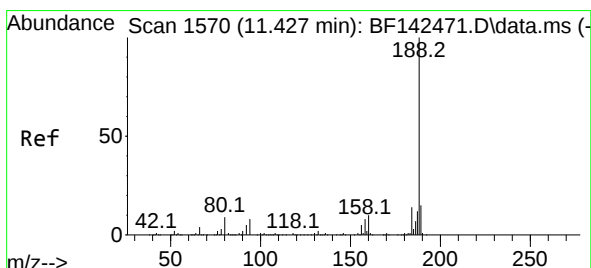
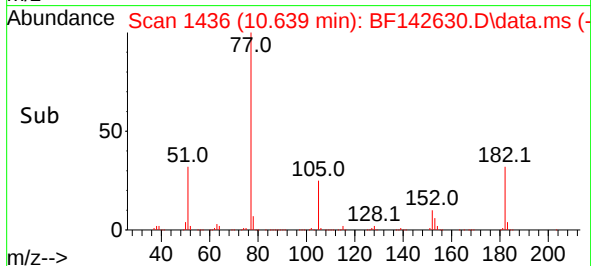
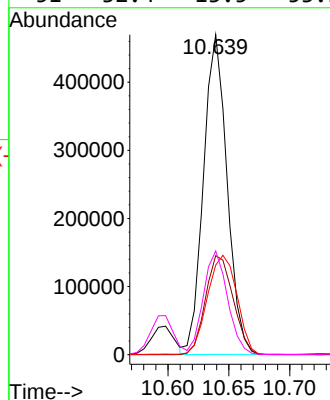
Ion Ratio Lower Upper

77 100

182 31.0 9.0 49.0

105 28.0 2.4 42.4

51 32.4 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

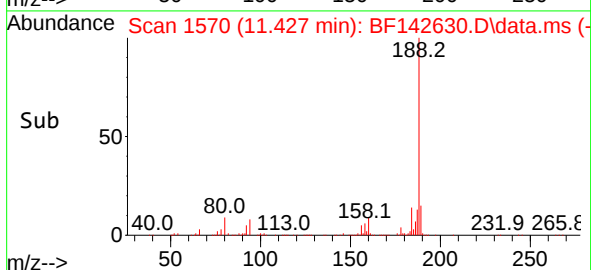
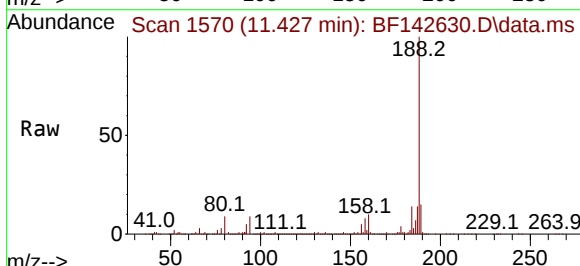
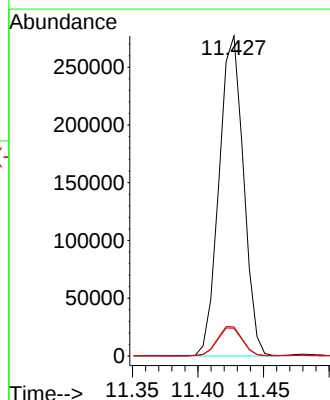
Tgt Ion: 188 Resp: 359383

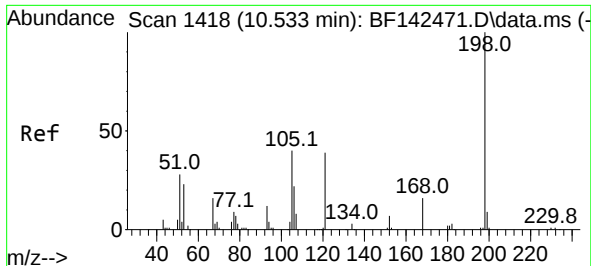
Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.1 7.4 11.0

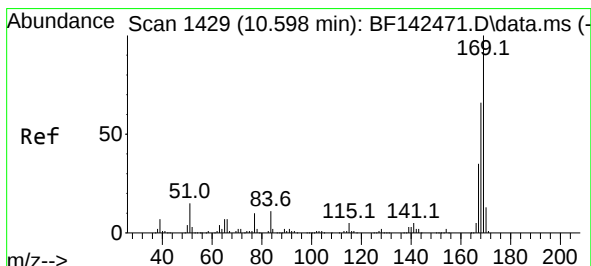
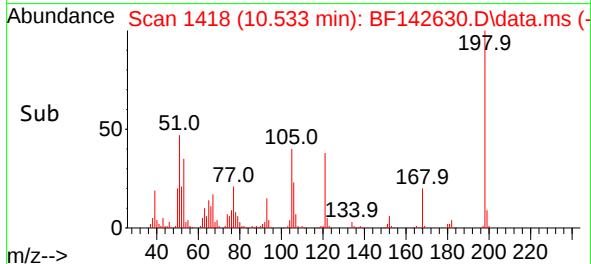
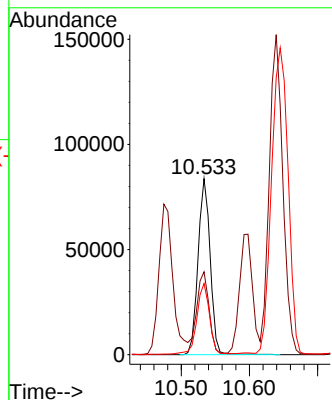
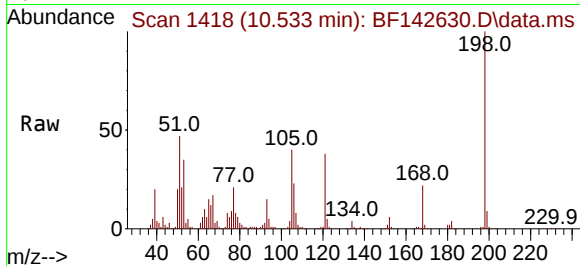




#65
4,6-Dinitro-2-methylphenol
Concen: 51.670 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

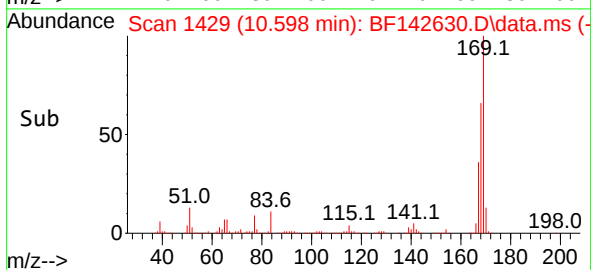
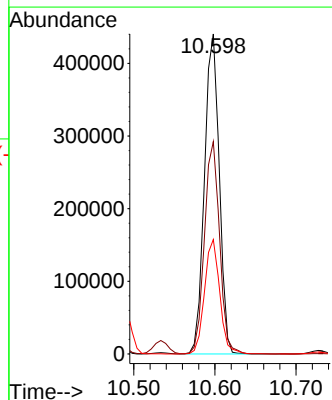
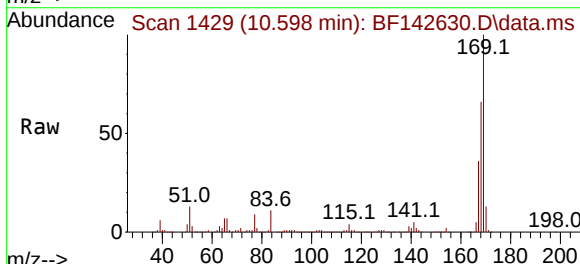
Instrument :
BNA_F
ClientSampleId :

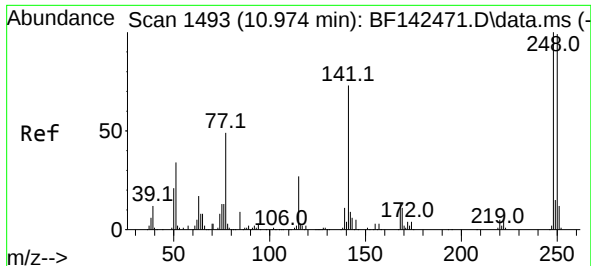
Tgt Ion:198 Resp: 103631
Ion Ratio Lower Upper
198 100
51 47.1 28.3 68.3
105 40.4 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 45.248 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

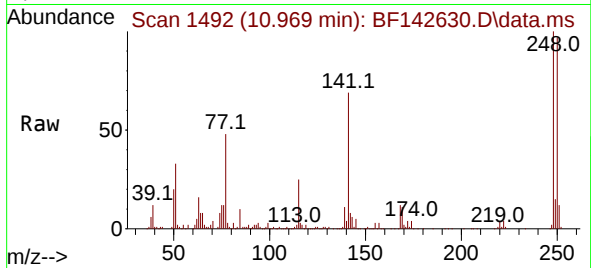
Tgt Ion:169 Resp: 556337
Ion Ratio Lower Upper
169 100
168 66.3 52.7 79.1
167 35.7 28.3 42.5



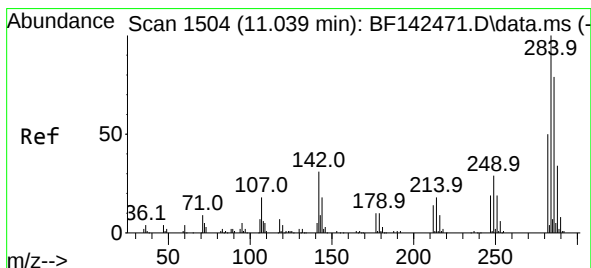
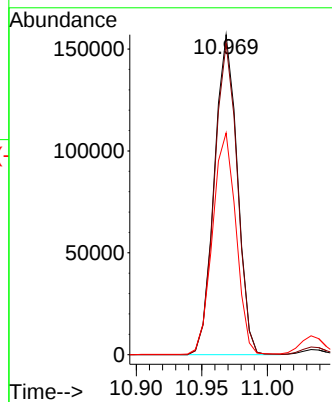
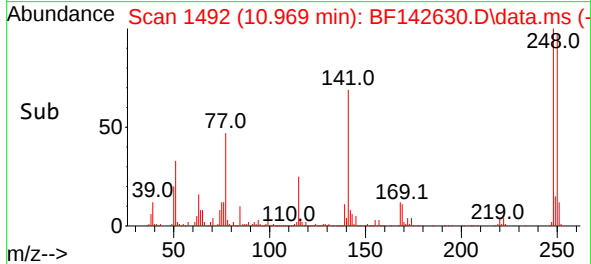


#67
4-Bromophenyl-phenylether
Concen: 45.039 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

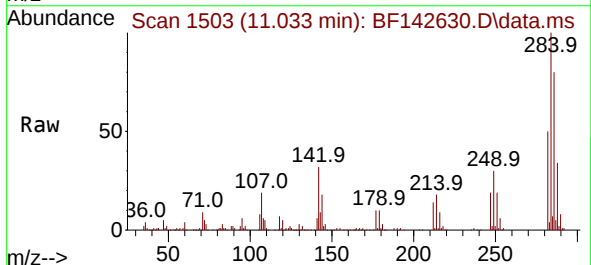
Instrument :
BNA_F
ClientSampleId :



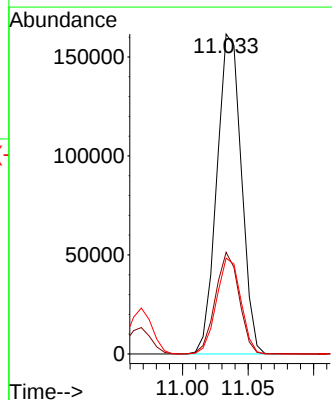
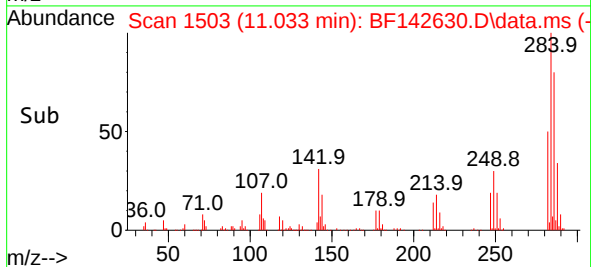
Tgt Ion:248 Resp: 191389
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.4
141 69.3 58.4 87.6

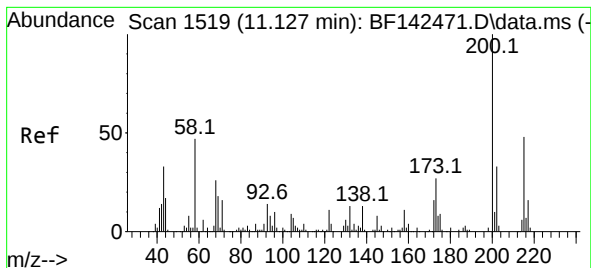


#68
Hexachlorobenzene
Concen: 44.612 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



Tgt Ion:284 Resp: 209677
Ion Ratio Lower Upper
284 100
142 31.7 24.8 37.2
249 30.0 23.6 35.4





#69

Atrazine

Concen: 49.956 ng

RT: 11.121 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

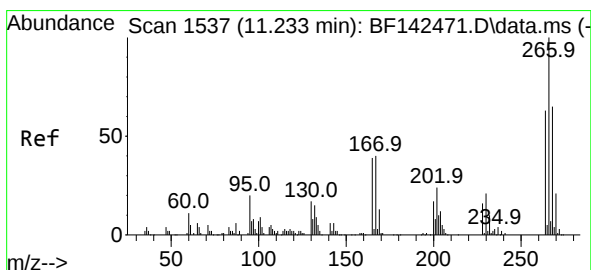
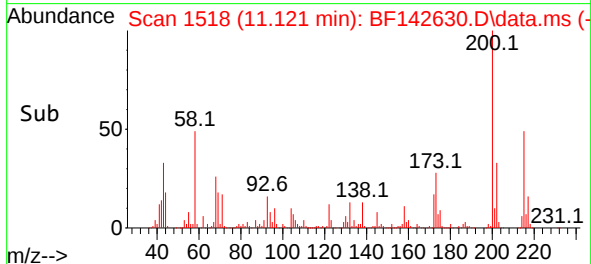
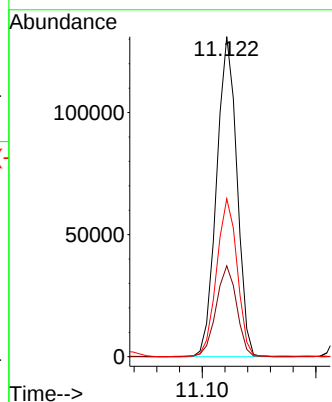
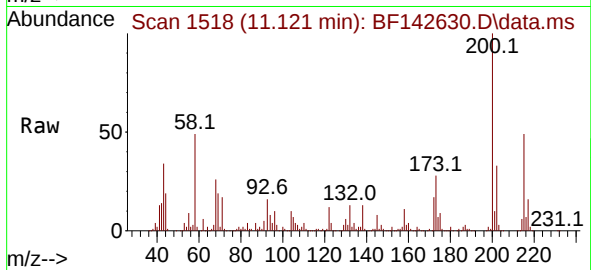
Tgt Ion:200 Resp: 163121

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 49.4 28.5 68.5



#70

Pentachlorophenol

Concen: 86.908 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

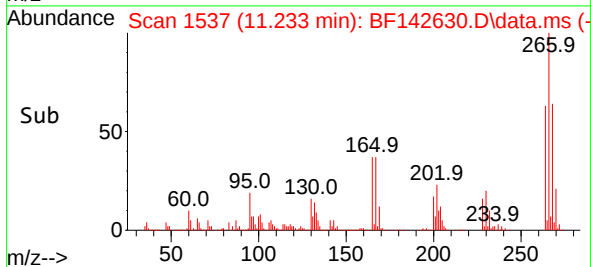
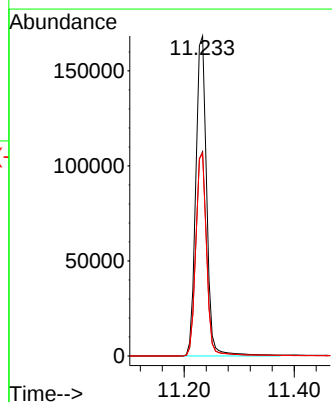
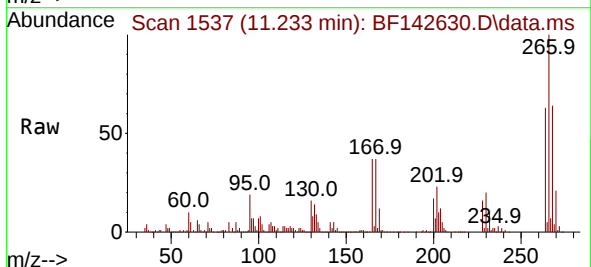
Tgt Ion:266 Resp: 230613

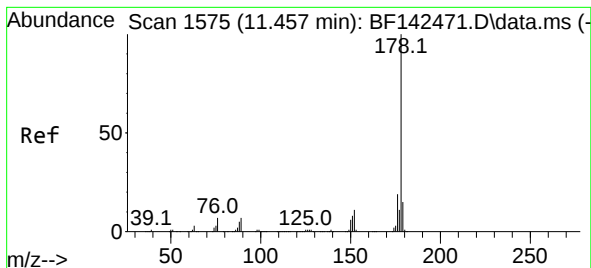
Ion Ratio Lower Upper

266 100

268 63.8 51.7 77.5

264 63.2 50.4 75.6





#71

Phenanthrene

Concen: 43.781 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

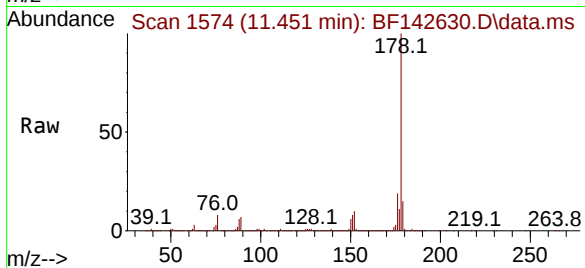
Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :



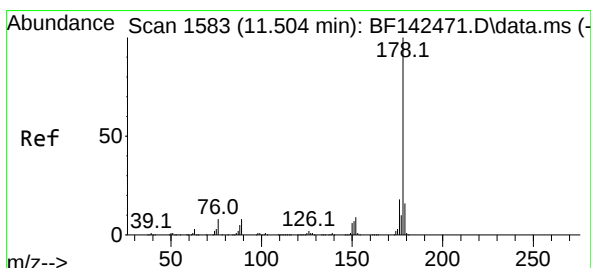
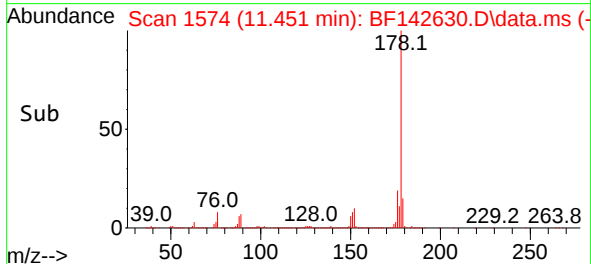
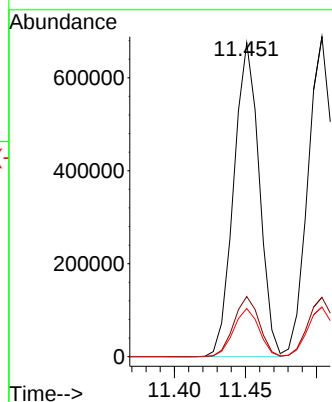
Tgt Ion:178 Resp: 840862

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.3 12.3 18.5



#72

Anthracene

Concen: 43.995 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

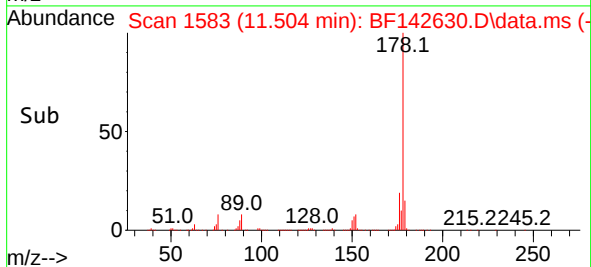
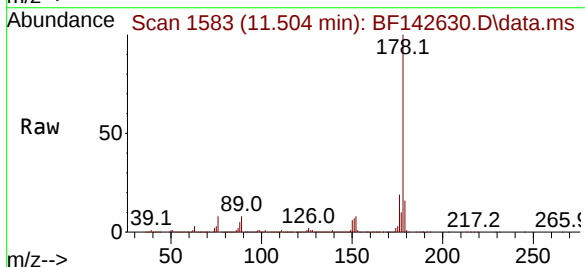
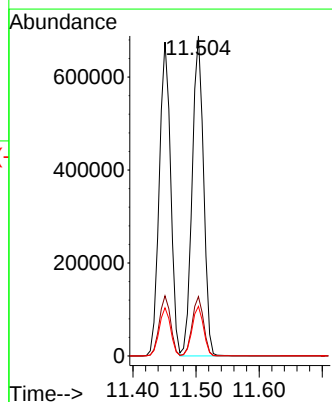
Tgt Ion:178 Resp: 862354

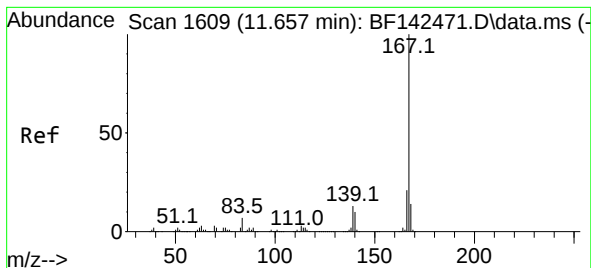
Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

179 15.5 12.4 18.6





#73

Carbazole

Concen: 44.940 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

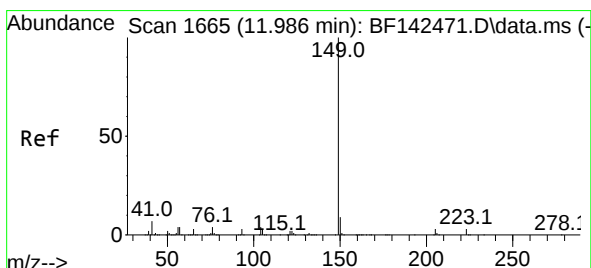
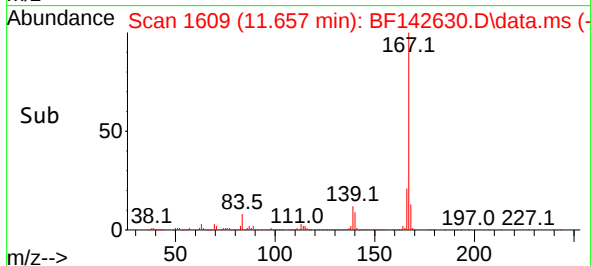
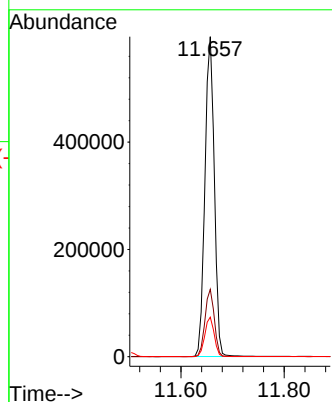
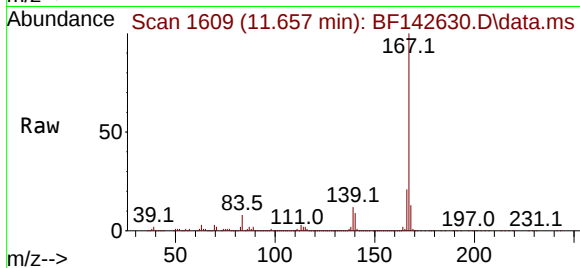
Tgt Ion:167 Resp: 753059

Ion Ratio Lower Upper

167 100

166 21.0 16.9 25.3

139 12.4 10.2 15.4



#74

Di-n-butylphthalate

Concen: 47.821 ng

RT: 11.980 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

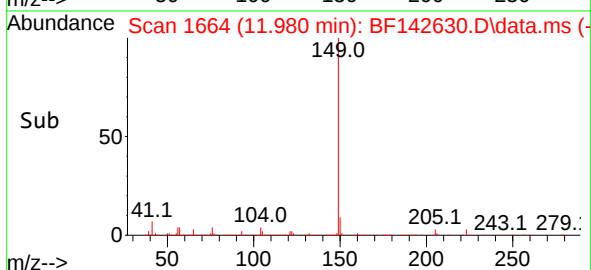
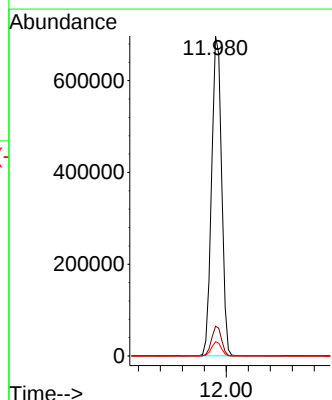
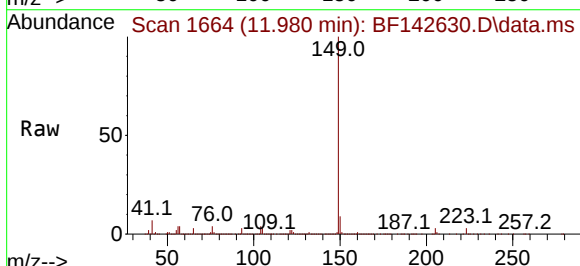
Tgt Ion:149 Resp: 877150

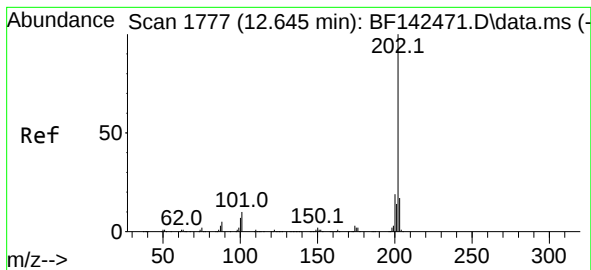
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 44.438 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142630.D

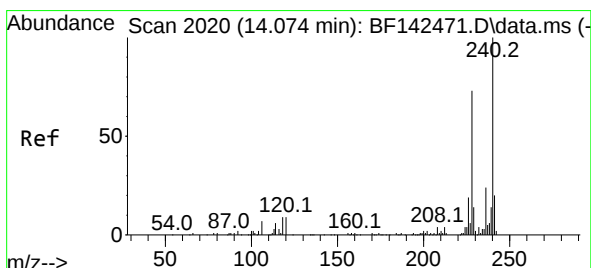
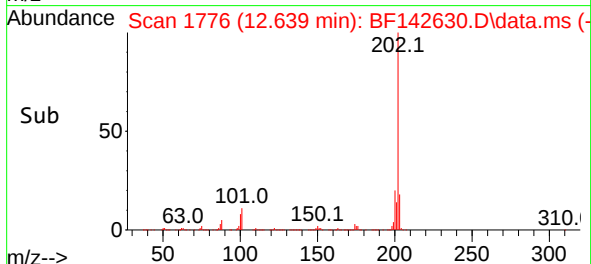
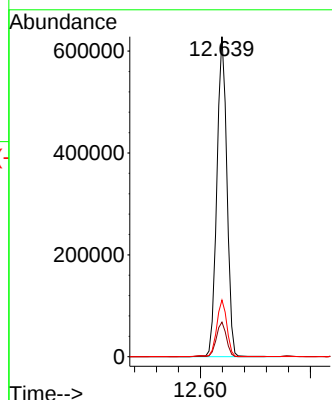
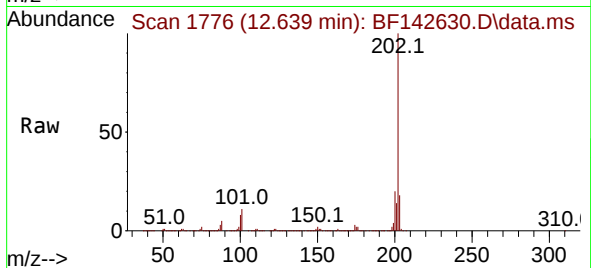
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	202	Resp:	797484
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	29.6
203	17.7	0.0	37.2



#76

Chrysene-d12

Concen: 20.000 ng

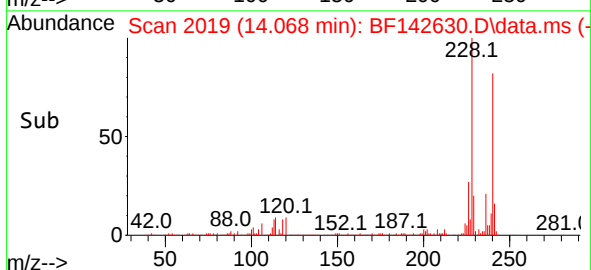
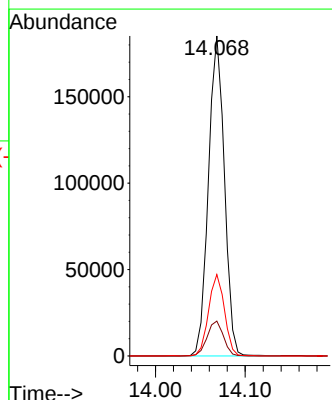
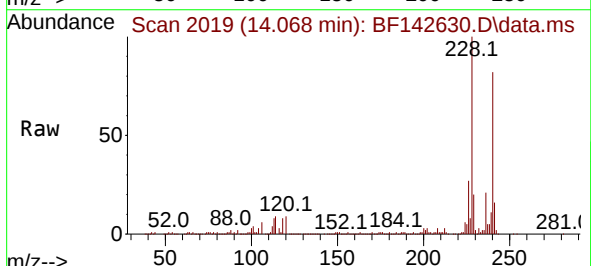
RT: 14.068 min Scan# 2019

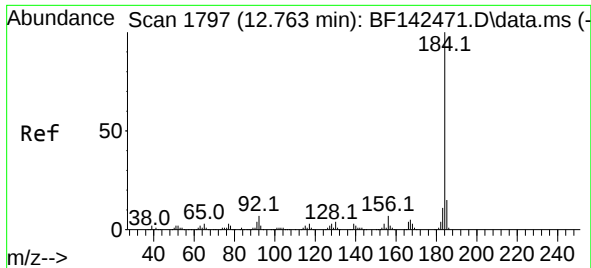
Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Tgt Ion:	240	Resp:	228816
Ion Ratio	Lower	Upper	
240	100		
120	10.9	7.5	11.3
236	25.4	19.6	29.4

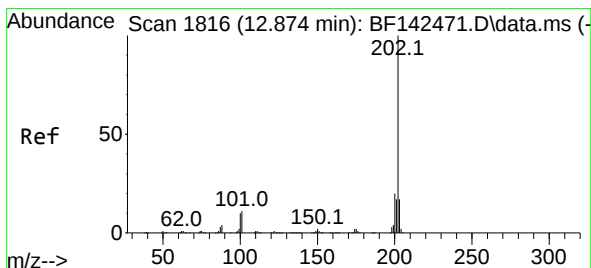
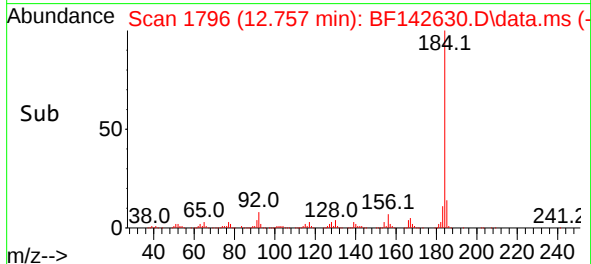
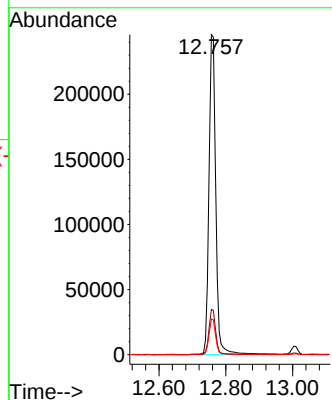
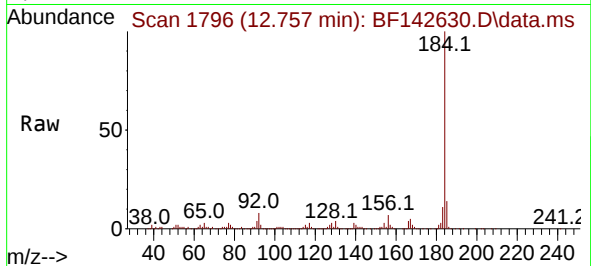




#77
Benzidine
Concen: 40.809 ng
RT: 12.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

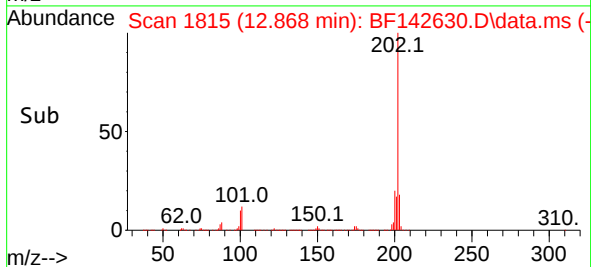
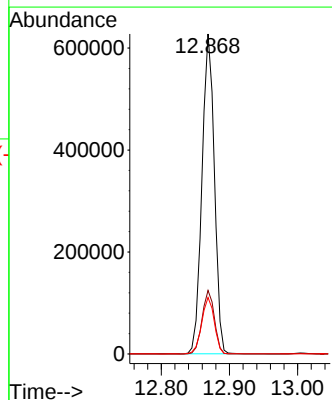
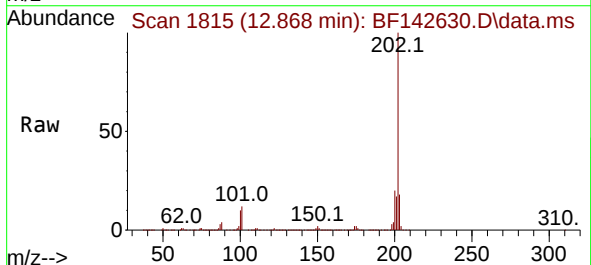
Instrument :
BNA_F
ClientSampleId :

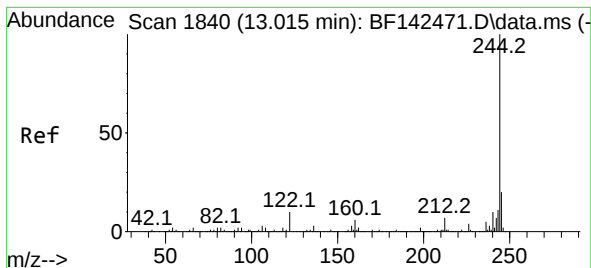
Tgt Ion:184 Resp: 347487
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.1 9.0 13.4



#78
Pyrene
Concen: 37.189 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:202 Resp: 793809
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 39.911 ng

RT: 13.010 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

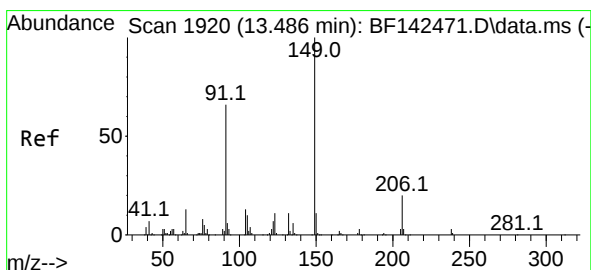
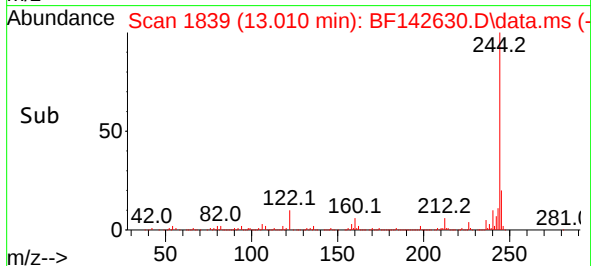
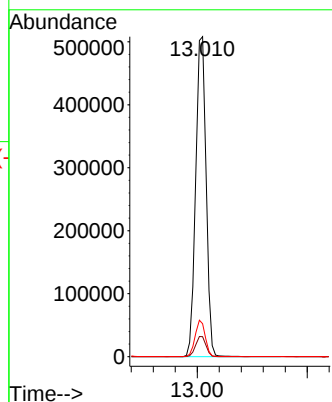
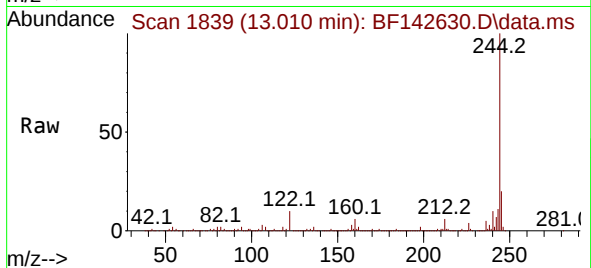
Tgt Ion:244 Resp: 668267

Ion Ratio Lower Upper

244 100

212 6.2 5.3 7.9

122 10.3 8.2 12.2



#80

Butylbenzylphthalate

Concen: 51.673 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

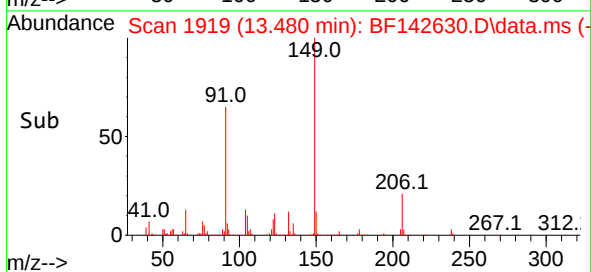
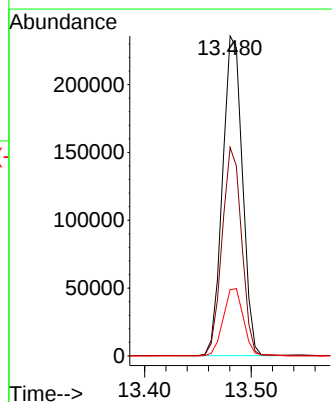
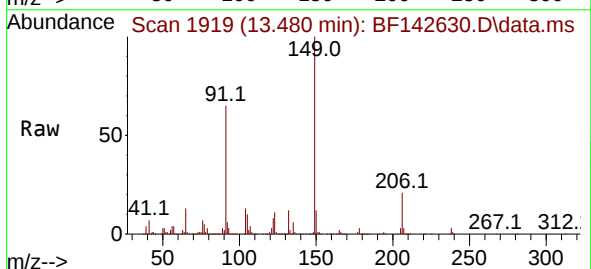
Tgt Ion:149 Resp: 304769

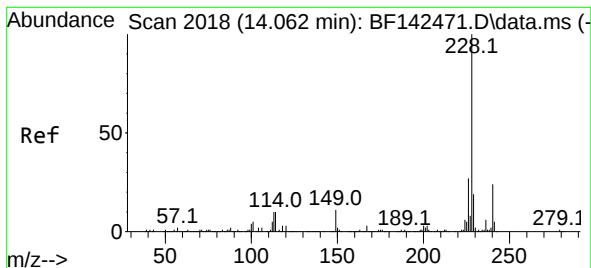
Ion Ratio Lower Upper

149 100

91 65.2 52.9 79.3

206 20.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 44.645 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

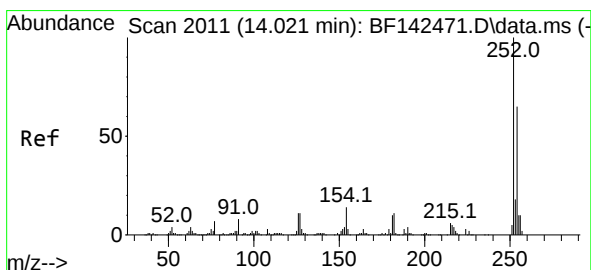
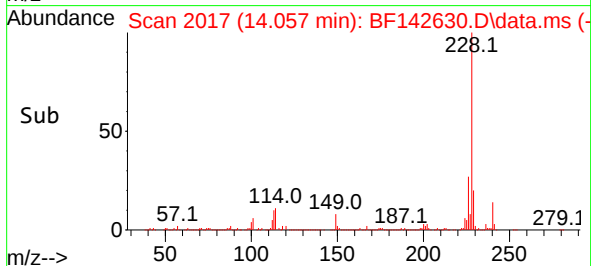
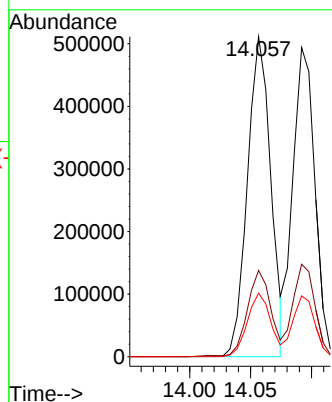
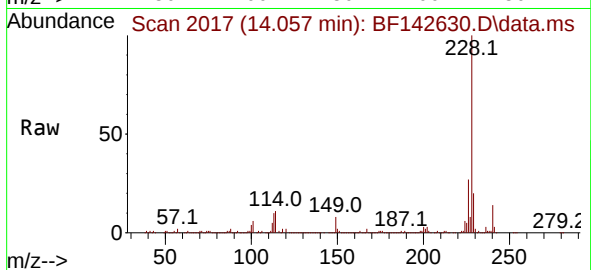
Tgt Ion:228 Resp: 682149

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: 34.799 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

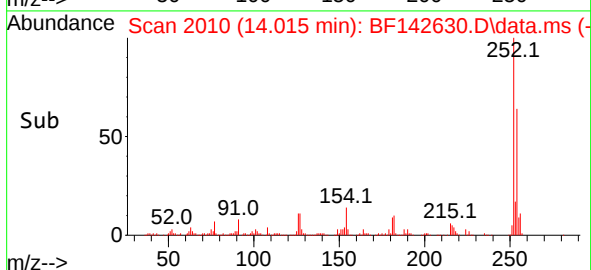
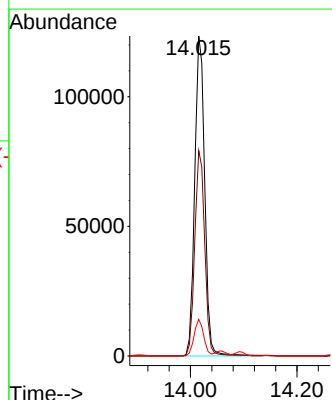
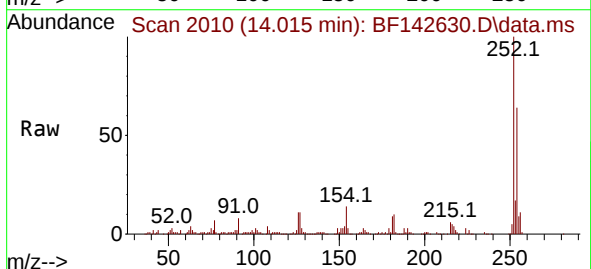
Tgt Ion:252 Resp: 161271

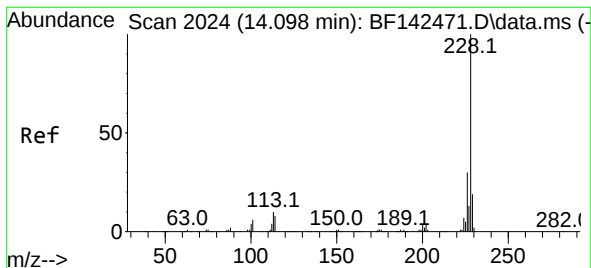
Ion Ratio Lower Upper

252 100

254 64.2 52.0 78.0

126 11.5 8.9 13.3





#83

Chrysene

Concen: 45.563 ng

RT: 14.092 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

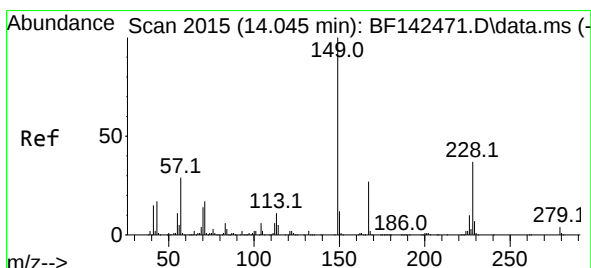
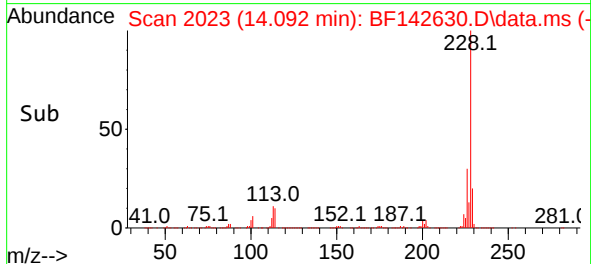
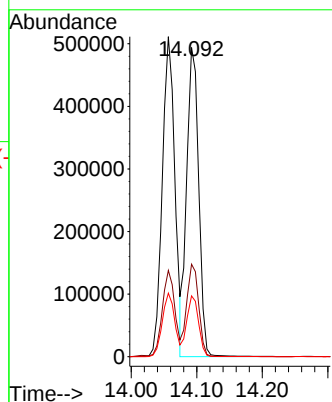
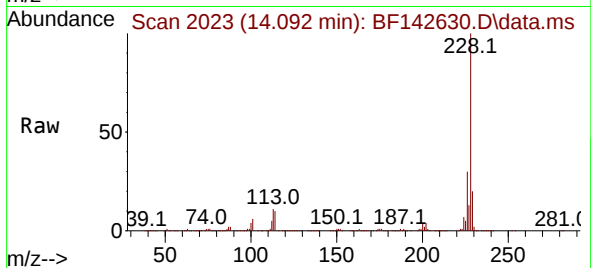
Tgt Ion:228 Resp: 625549

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.655 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

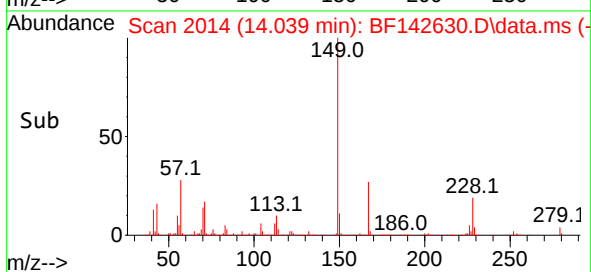
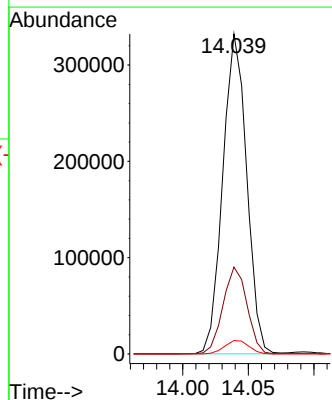
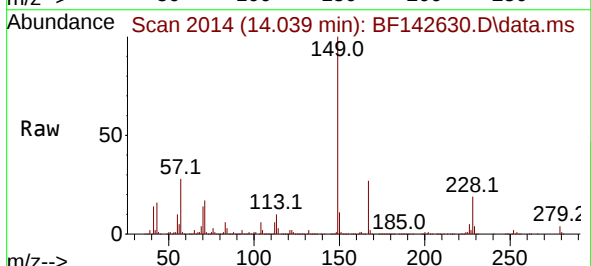
Tgt Ion:149 Resp: 420218

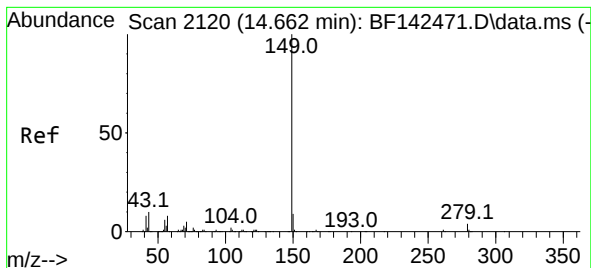
Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

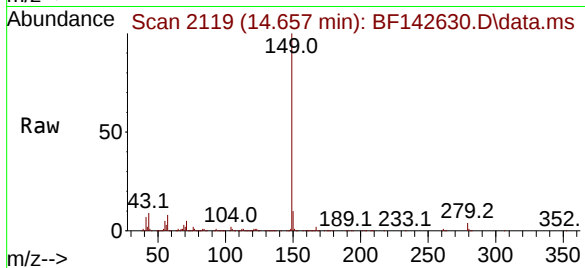
279 4.2 3.2 4.8



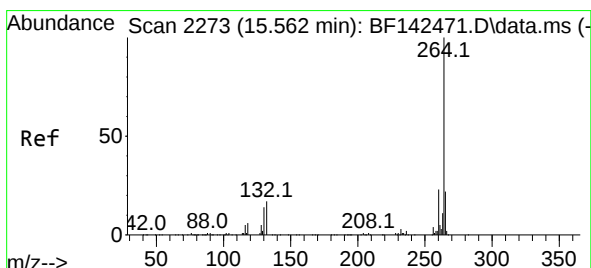
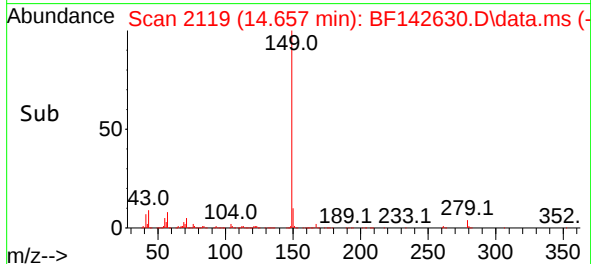
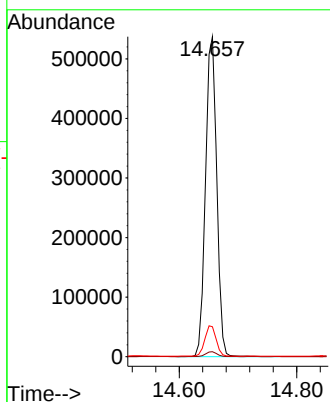


#85
Di-n-octyl phthalate
Concen: 48.240 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :
BNA_F
ClientSampleId :

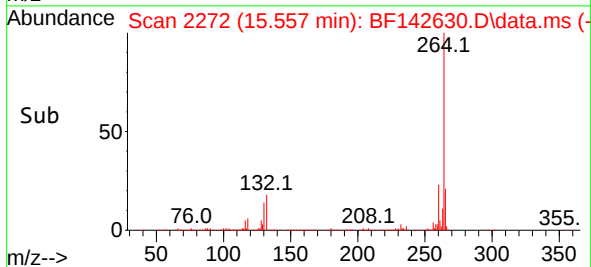
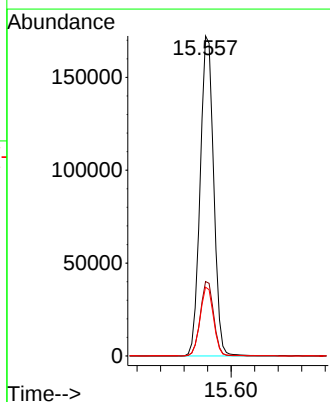
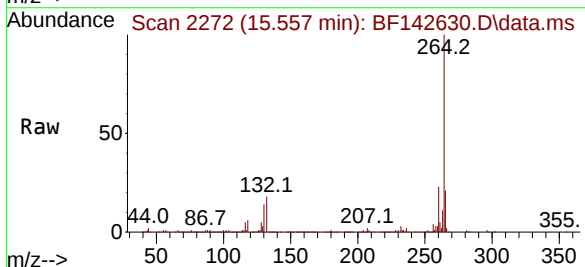


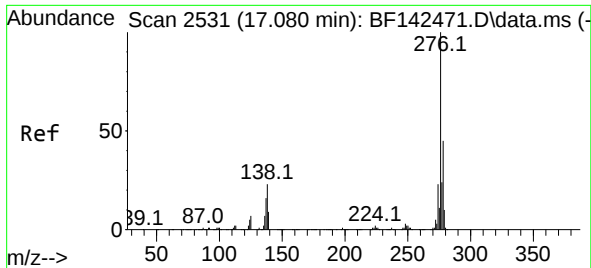
Tgt Ion:149 Resp: 712180
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.6 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:264 Resp: 274428
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.5 17.7 26.5

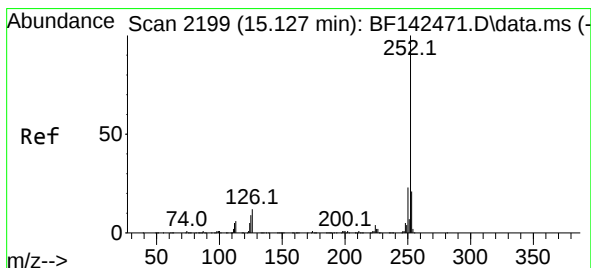
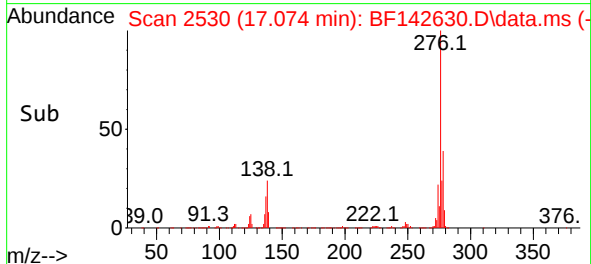
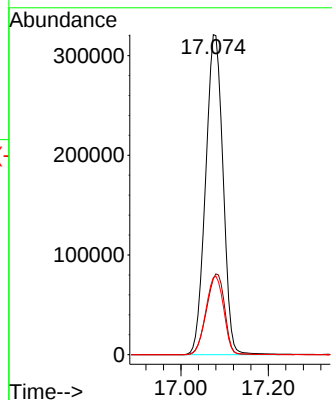
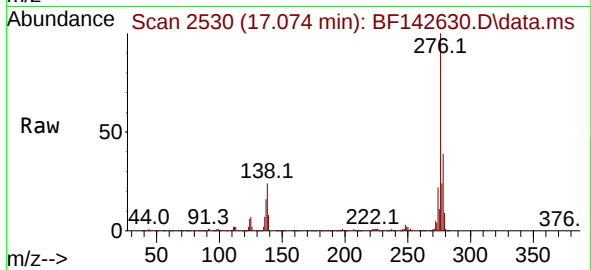




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.263 ng
 RT: 17.074 min Scan# 2198
 Delta R.T. -0.018 min
 Lab File: BF142630.D
 Acq: 05 Jun 2025 13:07

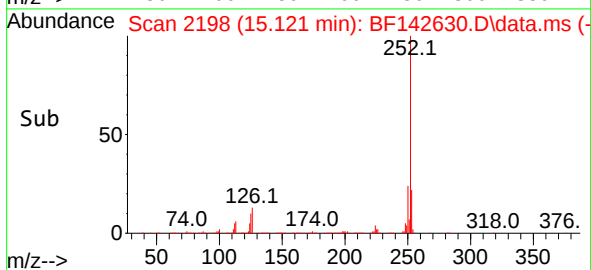
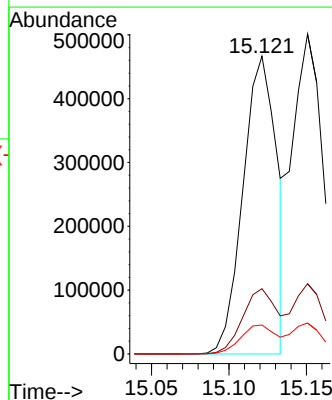
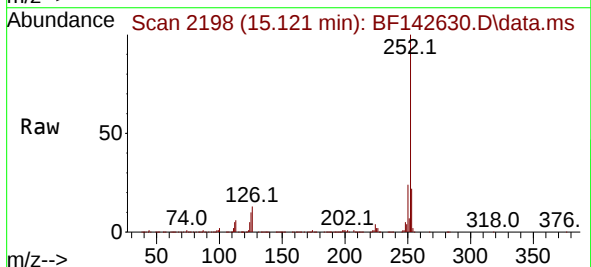
Instrument :
 BNA_F
 ClientSampleId :

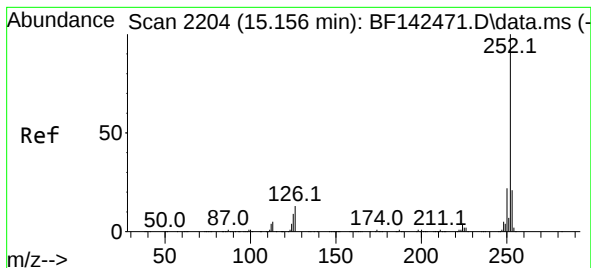
Tgt Ion:276 Resp: 891327
 Ion Ratio Lower Upper
 276 100
 138 26.3 19.9 29.9
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 43.387 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF142630.D
 Acq: 05 Jun 2025 13:07

Tgt Ion:252 Resp: 704683
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.0 25.4
 125 9.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.911 ng

RT: 15.151 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

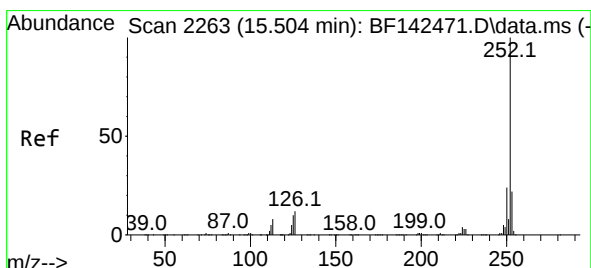
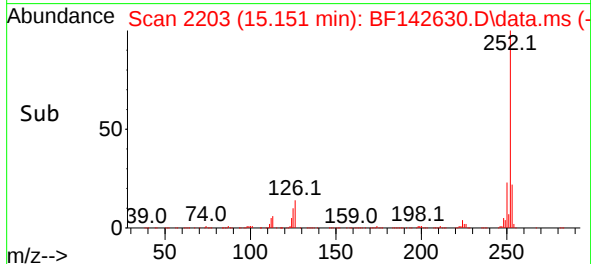
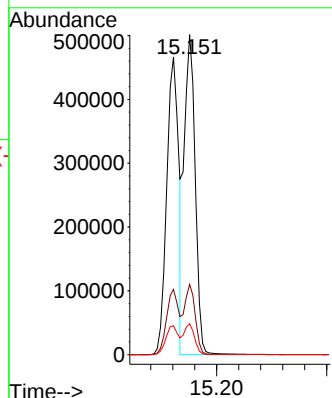
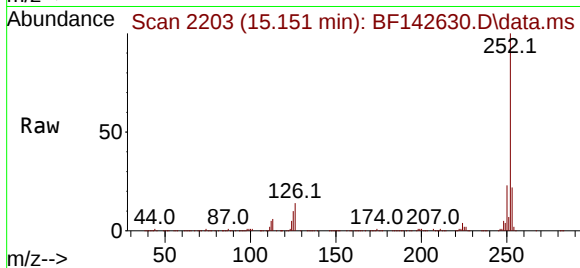
Tgt Ion:252 Resp: 698419

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.7 7.3 10.9



#90

Benzo(a)pyrene

Concen: 46.042 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

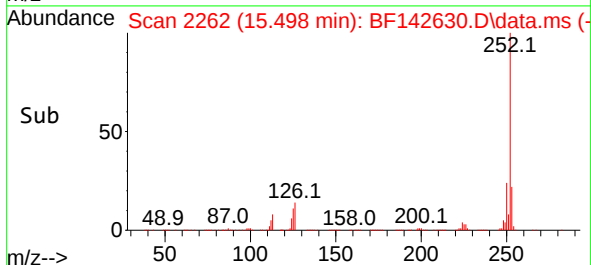
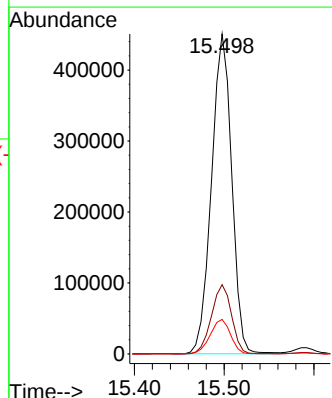
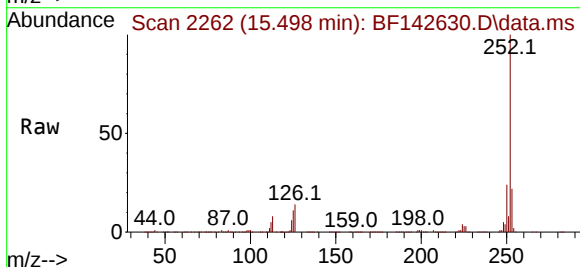
Tgt Ion:252 Resp: 704890

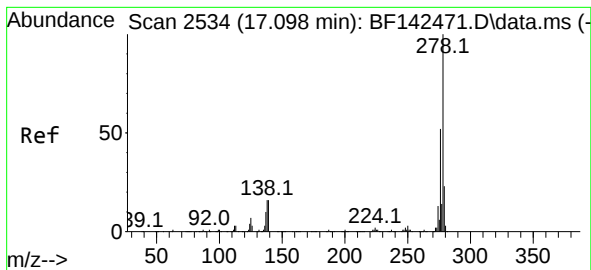
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.8 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 43.212 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

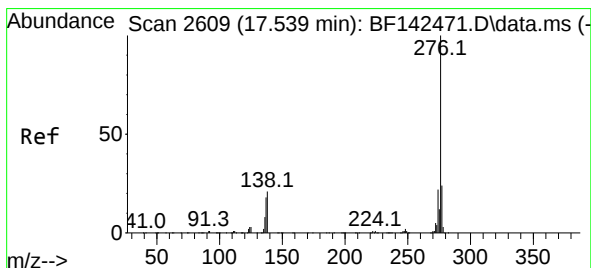
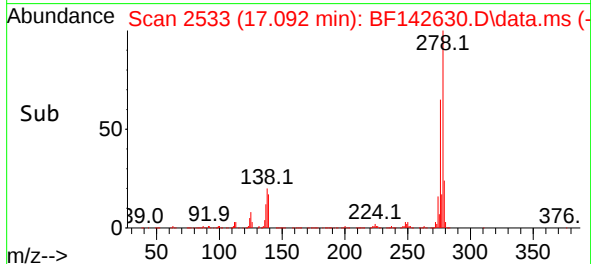
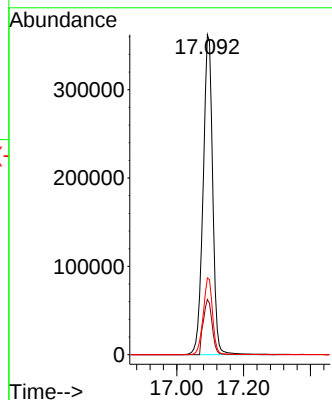
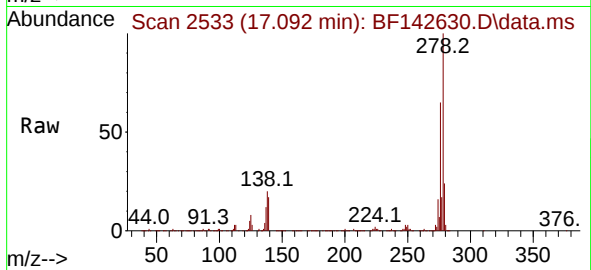
Tgt Ion:278 Resp: 722055

Ion Ratio Lower Upper

278 100

139 17.3 12.8 19.2

279 24.0 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 42.677 ng

RT: 17.539 min Scan# 2609

Delta R.T. -0.018 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Tgt Ion:276 Resp: 713255

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 21.9 16.8 25.2

