

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142605.D
 Acq On : 04 Jun 2025 14:08
 Operator : RC/JU
 Sample : Q2159-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 14:30:50 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	119687	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	441391	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	218918	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	322457	20.000	ng	0.00
76) Chrysene-d12	14.069	240	216030	20.000	ng	0.00
86) Perylene-d12	15.563	264	272895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	530843	74.723	ng	0.00
7) Phenol-d6	6.528	99	650114	76.022	ng	0.00
23) Nitrobenzene-d5	7.457	82	383796	47.414	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	169656	69.826	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	742665	45.522	ng	-0.02
79) Terphenyl-d14	13.004	244	556976	35.233	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	118790	41.787	ng	98
3) Pyridine	3.499	79	316918	43.778	ng	99
4) n-Nitrosodimethylamine	3.452	42	168372	44.795	ng	92
6) Aniline	6.557	93	298846	25.990	ng	95
8) 2-Chlorophenol	6.681	128	347349	44.889	ng	98
9) Benzaldehyde	6.446	77	189343	36.812	ng	99
10) Phenol	6.540	94	415471	43.177	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	314166	45.357	ng	100
12) 1,3-Dichlorobenzene	6.840	146	380249	44.039	ng	98
13) 1,4-Dichlorobenzene	6.916	146	383221	44.061	ng	98
14) 1,2-Dichlorobenzene	7.069	146	367896	44.206	ng	99
15) Benzyl Alcohol	7.034	79	274957	43.508	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	509267	43.781	ng	98
17) 2-Methylphenol	7.151	107	263331	43.588	ng	99
18) Hexachloroethane	7.410	117	132286	43.558	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	218117	41.155	ng	100
20) 3+4-Methylphenols	7.304	107	321533	41.561	ng	92
22) Acetophenone	7.304	105	437089	44.733	ng	98
24) Nitrobenzene	7.481	77	331446	45.400	ng	99
25) Isophorone	7.716	82	591291	43.690	ng	99
26) 2-Nitrophenol	7.792	139	184427	47.277	ng	98
27) 2,4-Dimethylphenol	7.834	122	298005	43.318	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	383925	45.412	ng	99
29) 2,4-Dichlorophenol	8.040	162	282004	45.075	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	308170	45.387	ng	98
31) Naphthalene	8.204	128	976775	44.943	ng	100
32) Benzoic acid	7.945	122	183976	43.933	ng	96
33) 4-Chloroaniline	8.245	127	104729	11.892	ng	99
34) Hexachlorobutadiene	8.316	225	188185	44.388	ng	99
35) Caprolactam	8.616	113	81967	46.648	ng	95
36) 4-Chloro-3-methylphenol	8.734	107	274424	42.801	ng	96
37) 2-Methylnaphthalene	8.892	142	599114	43.817	ng	100
38) 1-Methylnaphthalene	8.992	142	615699	43.533	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	301267	47.940	ng	99
41) Hexachlorocyclopentadiene	9.045	237	342158	80.712	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	200860	47.400	ng	96

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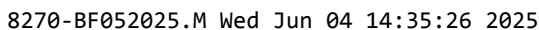
Instrument :
 BNA_F
 ClientSampleId :

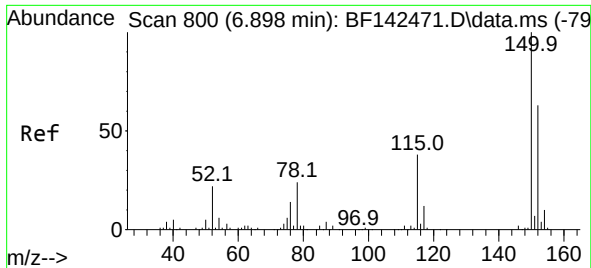
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	203775	45.596	ng	99
46) 1,1'-Biphenyl	9.357	154	804636	47.376	ng	100
47) 2-Chloronaphthalene	9.381	162	585929	46.693	ng	99
48) 2-Nitroaniline	9.475	65	167615	46.213	ng	98
49) Acenaphthylene	9.798	152	968879	45.726	ng	100
50) Dimethylphthalate	9.657	163	658805	45.608	ng	100
51) 2,6-Dinitrotoluene	9.722	165	141451	45.371	ng	96
52) Acenaphthene	9.969	154	628871	48.604	ng	99
53) 3-Nitroaniline	9.886	138	71689	21.053	ng	97
54) 2,4-Dinitrophenol	9.998	184	133984	83.183	ng	91
55) Dibenzofuran	10.145	168	836285	44.916	ng	98
56) 4-Nitrophenol	10.051	139	214603	85.412	ng	96
57) 2,4-Dinitrotoluene	10.122	165	189139	46.454	ng	99
58) Fluorene	10.486	166	634376	44.103	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	160270	42.958	ng	98
60) Diethylphthalate	10.357	149	623187	44.174	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	311030	44.018	ng	98
62) 4-Nitroaniline	10.504	138	131676	42.636	ng	96
63) Azobenzene	10.639	77	574383	45.330	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	85367	47.438	ng	96
66) n-Nitrosodiphenylamine	10.598	169	538608	48.823	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	186780	48.987	ng	96
68) Hexachlorobenzene	11.033	284	199393	47.282	ng	99
69) Atrazine	11.122	200	155307	53.010	ng	99
70) Pentachlorophenol	11.228	266	206465	86.718	ng	99
71) Phenanthrene	11.451	178	789897	45.837	ng	100
72) Anthracene	11.504	178	808547	45.973	ng	99
73) Carbazole	11.657	167	685918	45.620	ng	100
74) Di-n-butylphthalate	11.980	149	806869	49.027	ng	100
75) Fluoranthene	12.639	202	702745	43.643	ng	99
77) Benzidine	12.757	184	198259	24.662	ng	99
78) Pyrene	12.869	202	706356	35.051	ng	100
80) Butylbenzylphthalate	13.480	149	265980	47.765	ng	99
81) Benzo(a)anthracene	14.057	228	657910	45.607	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	114456	26.159	ng	98
83) Chrysene	14.092	228	616958	47.597	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	374143	52.486	ng	99
85) Di-n-octyl phthalate	14.657	149	697516	50.043	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	790401	38.580	ng	99
88) Benzo(b)fluoranthene	15.121	252	817498	50.615	ng	99
89) Benzo(k)fluoranthene	15.151	252	663669	43.872	ng	98
90) Benzo(a)pyrene	15.498	252	725008	47.622	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	643765	38.743	ng	99
92) Benzo(g,h,i)perylene	17.533	276	596123	35.868	ng	97

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

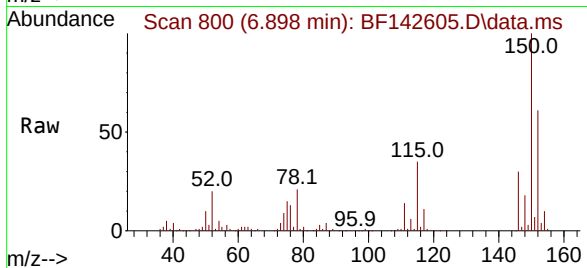
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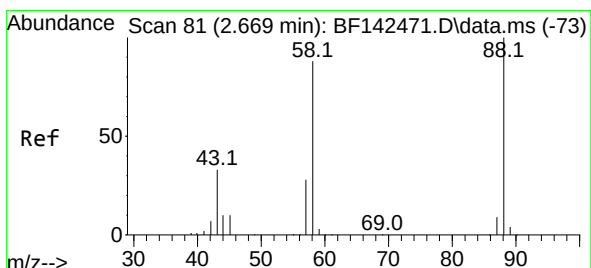
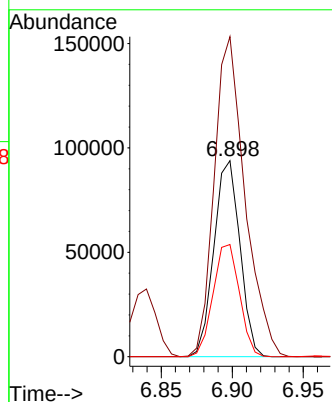
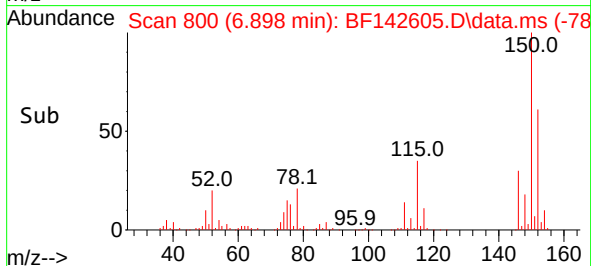


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142605.D
 Acq: 04 Jun 2025 14:08

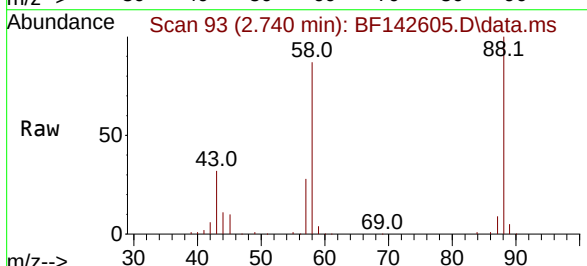
Instrument :
 BNA_F
 ClientSampleId :



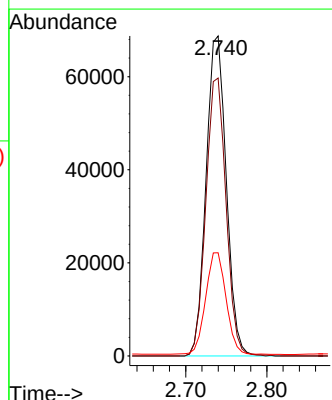
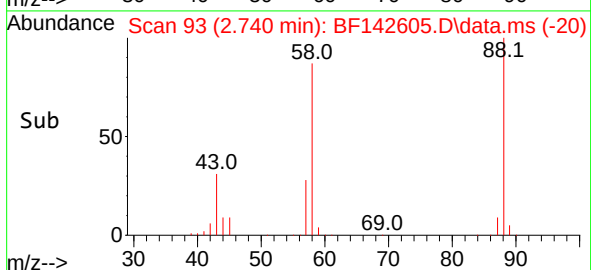
Tgt Ion:152 Resp: 119687
 Ion Ratio Lower Upper
 152 100
 150 163.2 128.2 192.4
 115 57.2 48.3 72.5

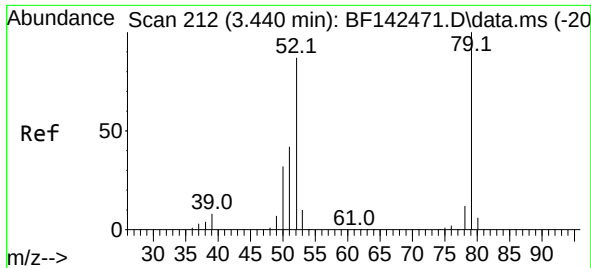


#2
 1,4-Dioxane
 Concen: 41.787 ng
 RT: 2.740 min Scan# 93
 Delta R.T. 0.077 min
 Lab File: BF142605.D
 Acq: 04 Jun 2025 14:08



Tgt Ion: 88 Resp: 118790
 Ion Ratio Lower Upper
 88 100
 58 86.6 70.8 106.2
 43 32.4 26.6 40.0





#3

Pyridine

Concen: 43.778 ng

RT: 3.499 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

ClientSampleId :

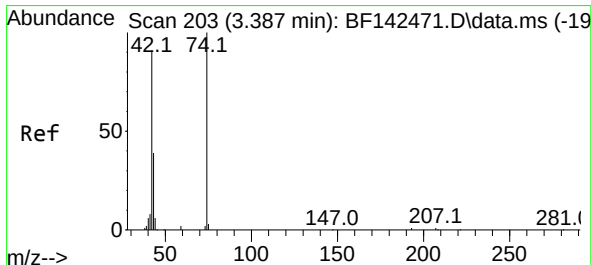
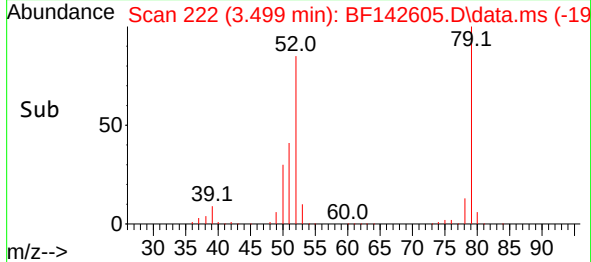
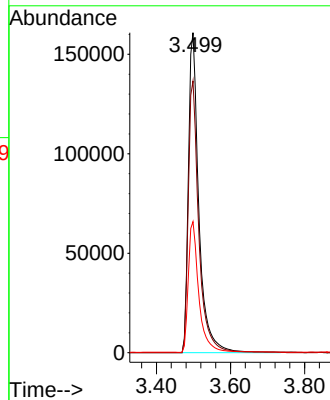
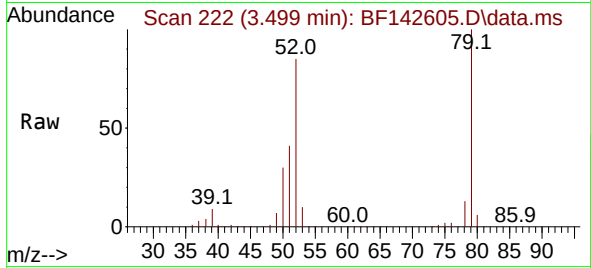
Tgt Ion: 79 Resp: 316918

Ion Ratio Lower Upper

79 100

52 84.9 69.2 103.8

51 40.9 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 44.795 ng

RT: 3.452 min Scan# 214

Delta R.T. 0.047 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

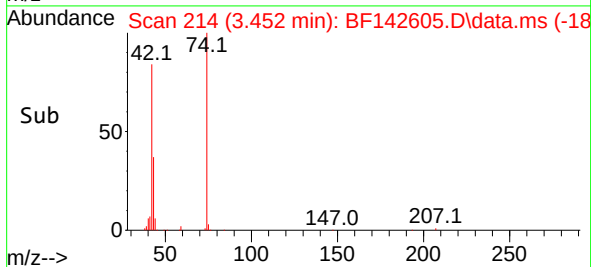
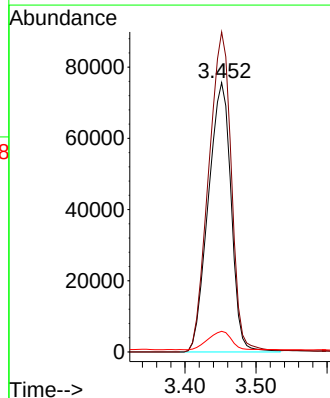
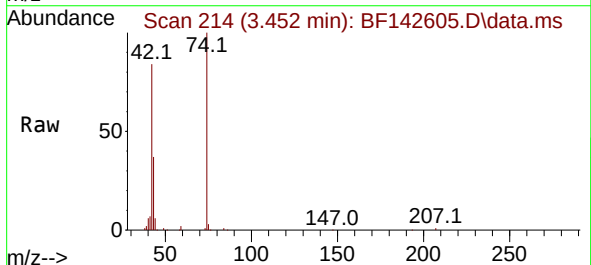
Tgt Ion: 42 Resp: 168372

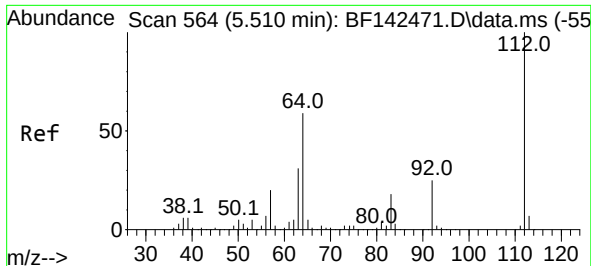
Ion Ratio Lower Upper

42 100

74 118.8 88.2 132.4

44 7.7 5.4 8.2

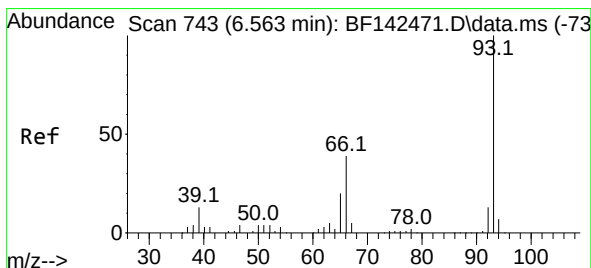
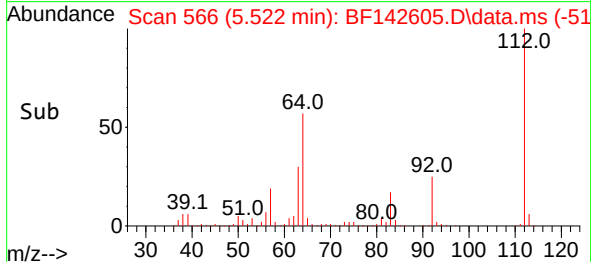
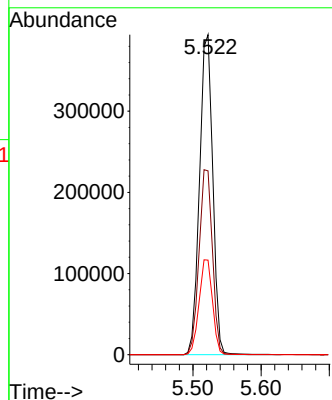
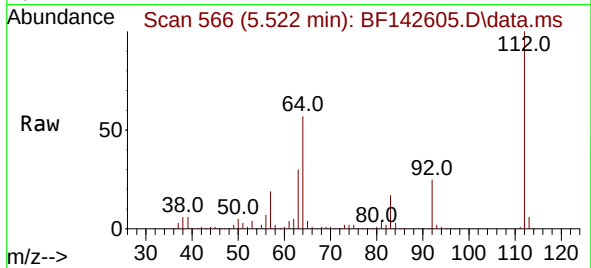




#5
2-Fluorophenol
Concen: 74.723 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

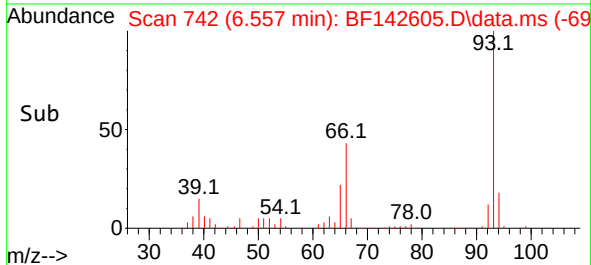
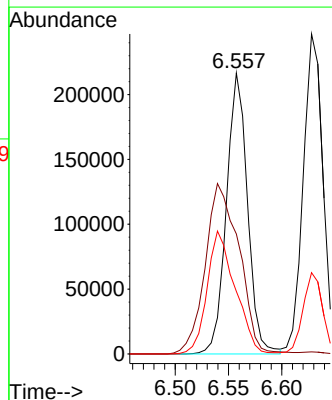
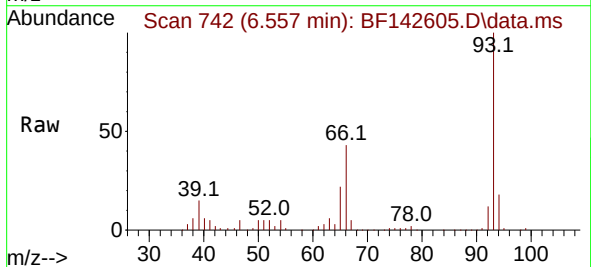
Instrument :
BNA_F
ClientSampleId :

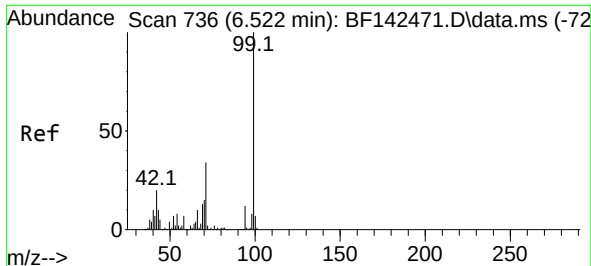
Tgt Ion:112 Resp: 530843
Ion Ratio Lower Upper
112 100
64 57.5 47.5 71.3
63 29.6 24.9 37.3



#6
Aniline
Concen: 25.990 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion: 93 Resp: 298846
Ion Ratio Lower Upper
93 100
66 42.7 32.0 48.0
65 22.3 16.1 24.1



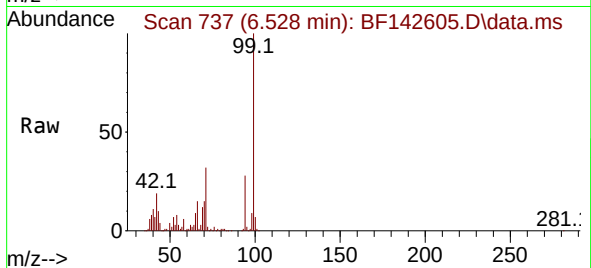


#7
Phenol-d6
Concen: 76.022 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

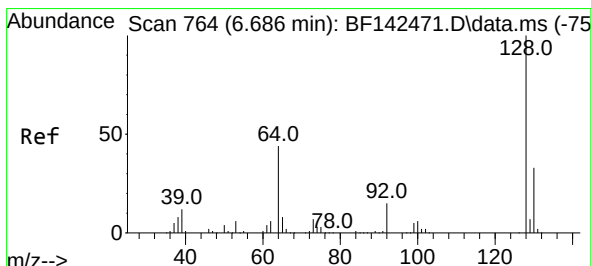
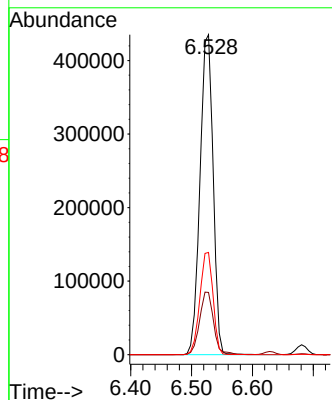
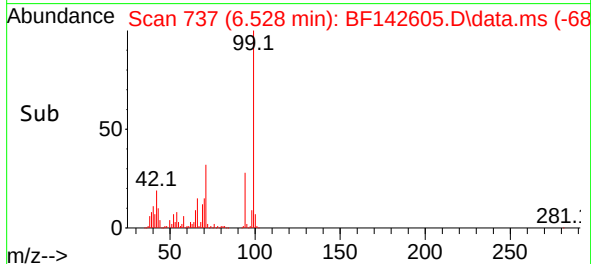
Instrument :

BNA_F

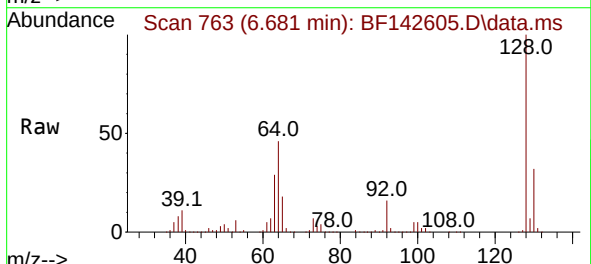
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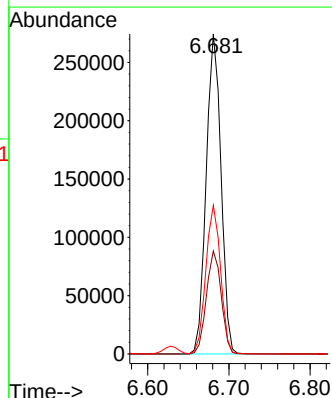
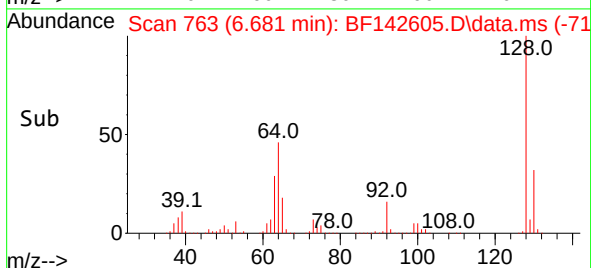
Tgt Ion:	99	Resp:	650114
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	31.9	27.3	40.9

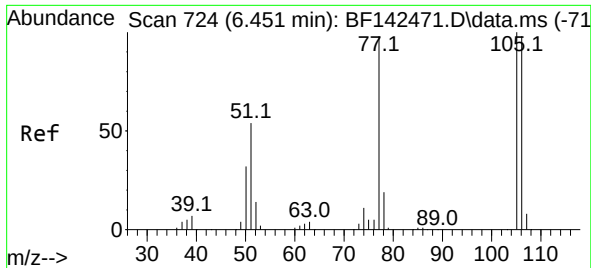


#8
2-Chlorophenol
Concen: 44.889 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08



Tgt Ion:	128	Resp:	347349
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	46.5	25.1	65.1





#9

Benzaldehyde

Concen: 36.812 ng

RT: 6.446 min Scan# 724

Delta R.T. -0.006 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

ClientSampleId :

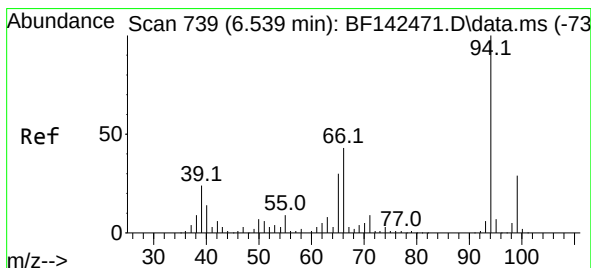
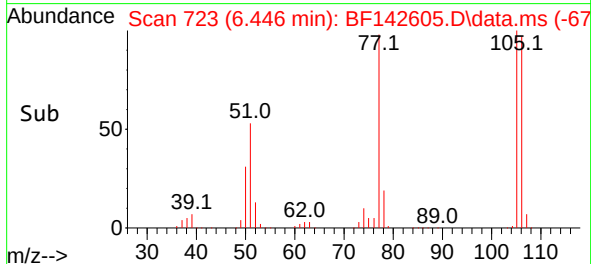
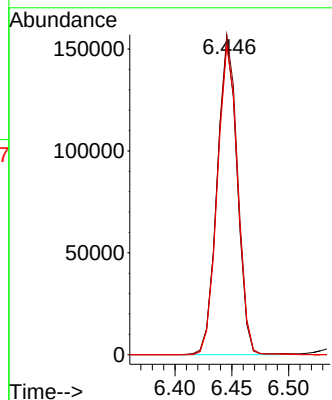
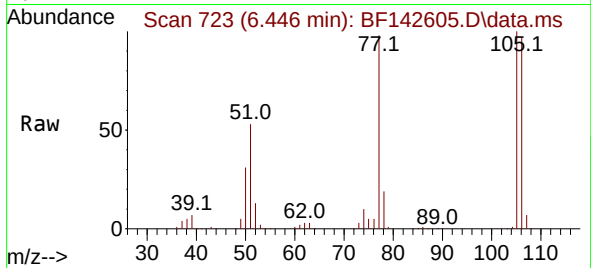
Tgt Ion: 77 Resp: 189343

Ion Ratio Lower Upper

77 100

105 102.2 82.5 122.5

106 98.6 80.0 120.0



#10

Phenol

Concen: 43.177 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

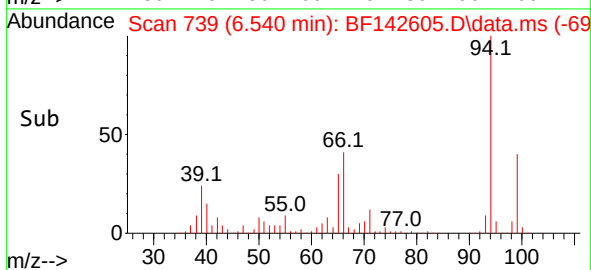
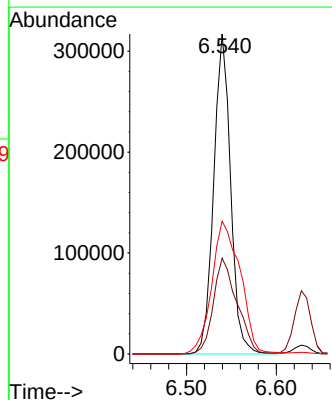
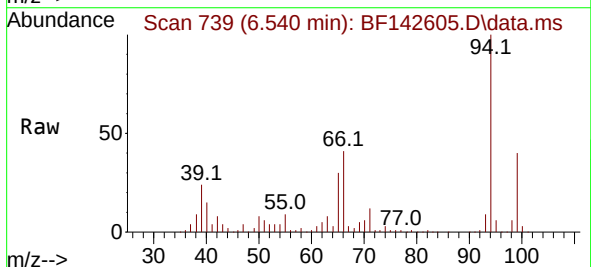
Tgt Ion: 94 Resp: 415471

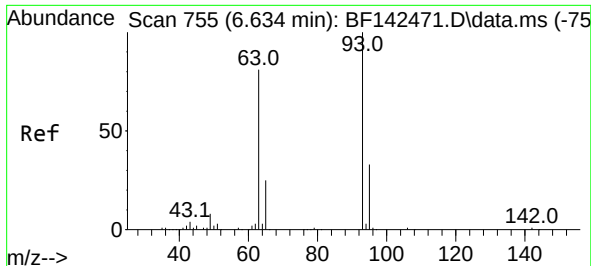
Ion Ratio Lower Upper

94 100

65 29.9 10.3 50.3

66 41.4 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 45.357 ng

RT: 6.628 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

ClientSampleId :

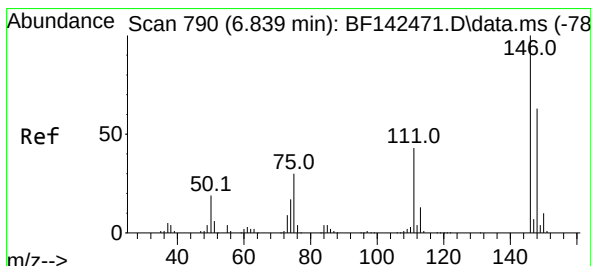
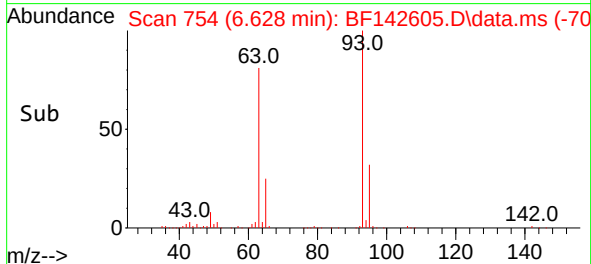
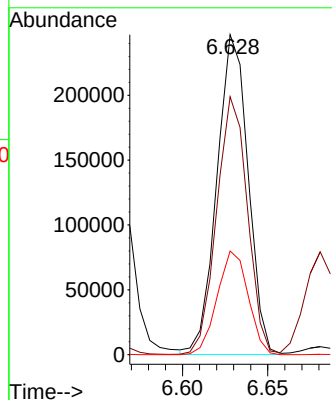
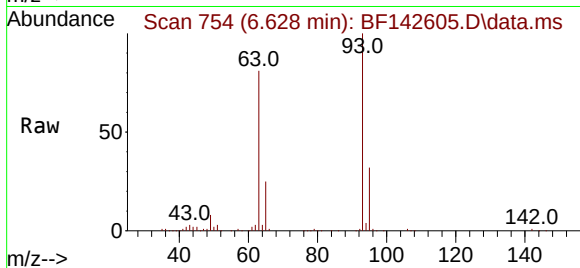
Tgt Ion: 93 Resp: 314166

Ion Ratio Lower Upper

93 100

63 80.6 60.2 100.2

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 44.039 ng

RT: 6.840 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

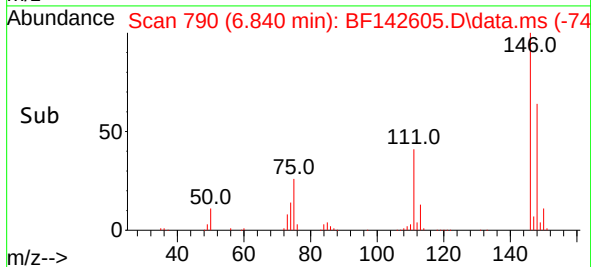
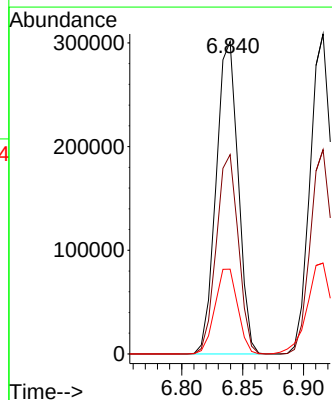
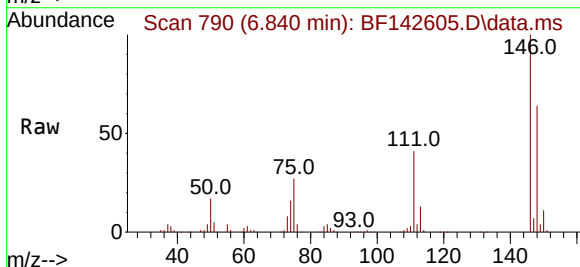
Tgt Ion:146 Resp: 380249

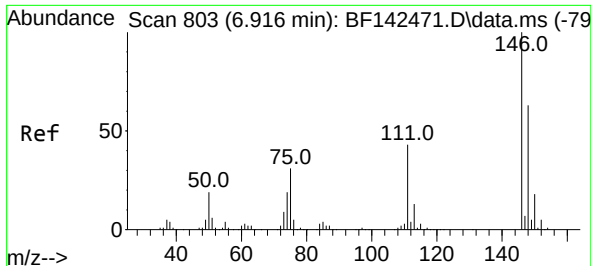
Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

75 27.1 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 44.061 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

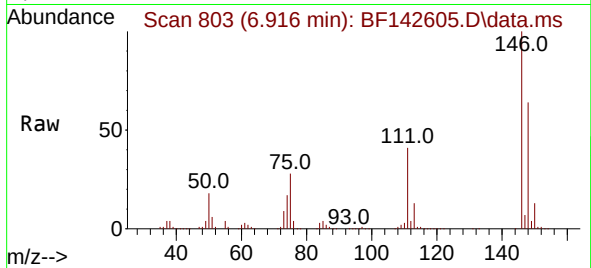
Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

ClientSampleId :



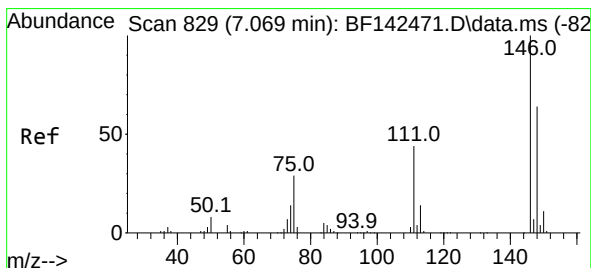
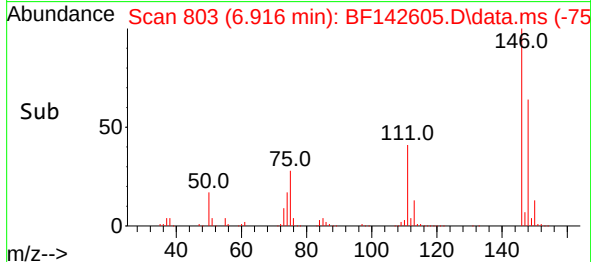
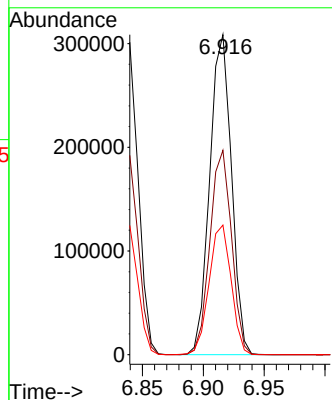
Tgt Ion:146 Resp: 383221

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

111 40.5 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 44.206 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

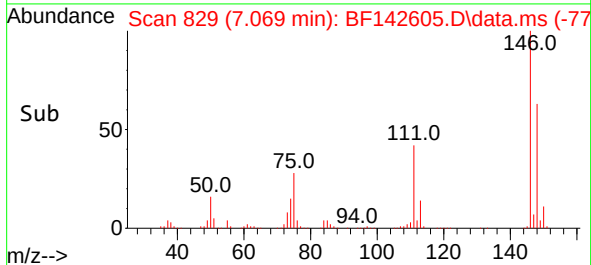
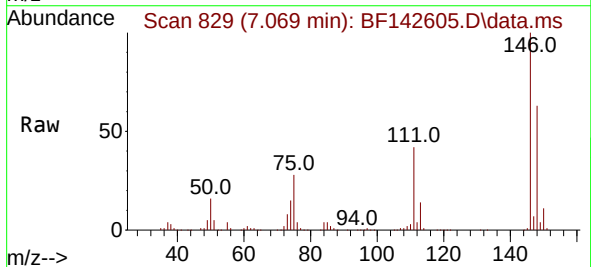
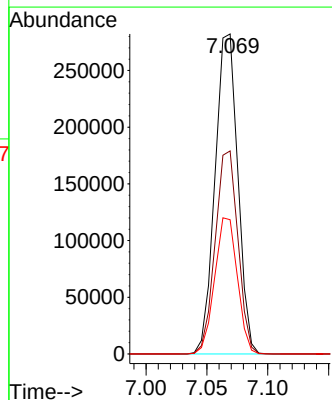
Tgt Ion:146 Resp: 367896

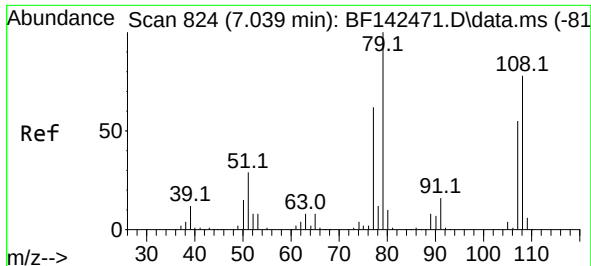
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

111 42.0 35.0 52.6

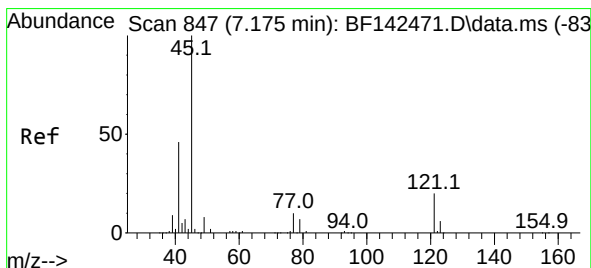
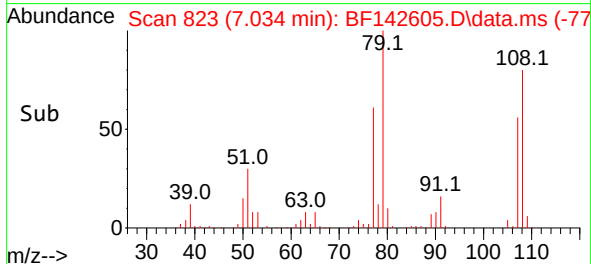
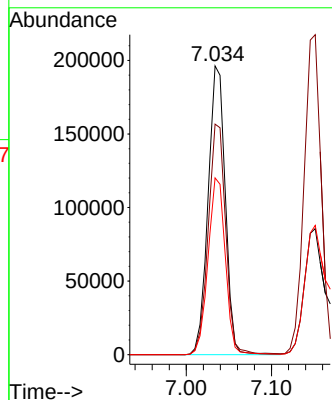
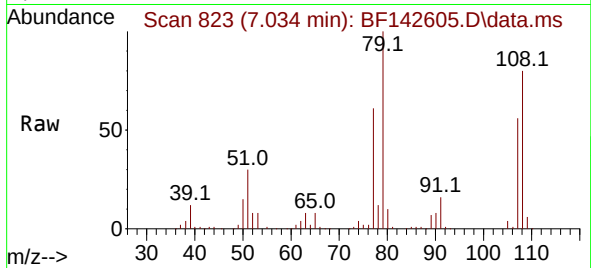




#15
Benzyl Alcohol
Concen: 43.508 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

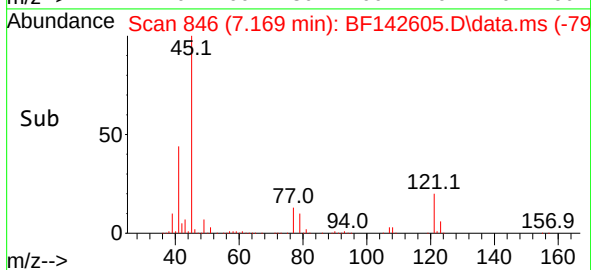
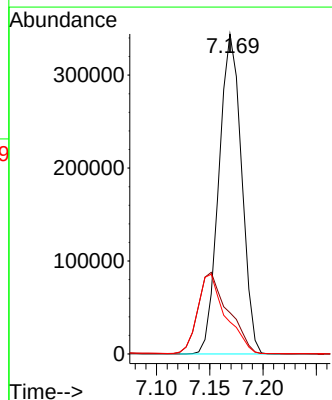
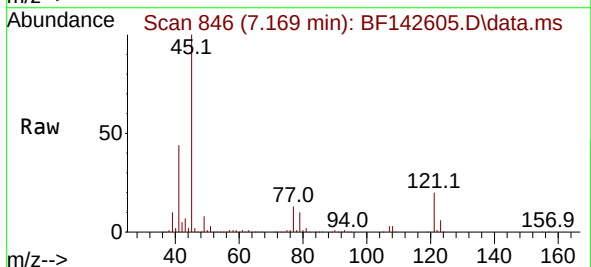
Instrument :
BNA_F
ClientSampleId :

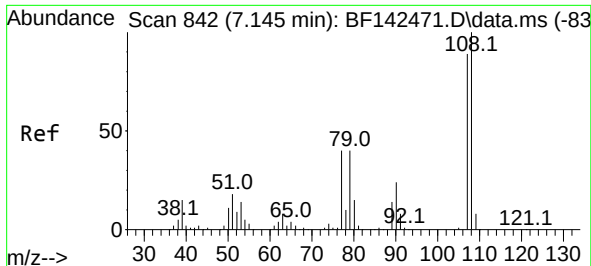
Tgt Ion: 79 Resp: 274957
Ion Ratio Lower Upper
79 100
108 79.8 62.1 93.1
77 61.2 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.781 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion: 45 Resp: 509267
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.0
79 10.0 0.0 29.2

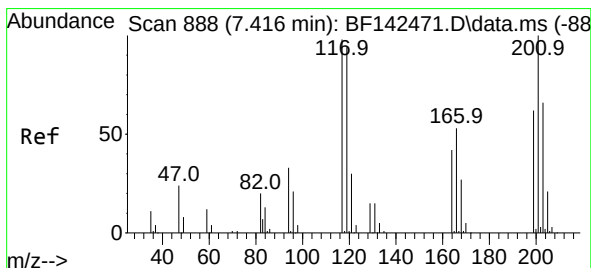
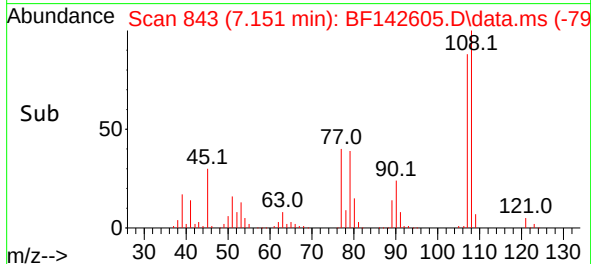
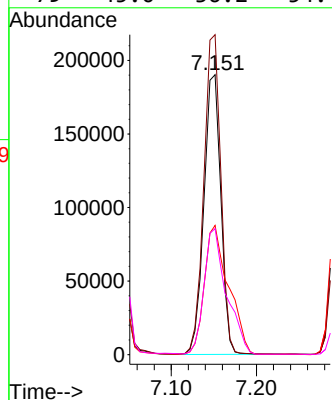
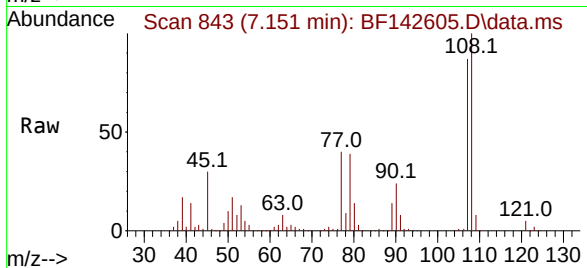




#17
2-Methylphenol
Concen: 43.588 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

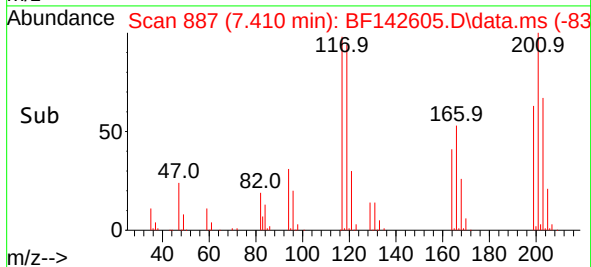
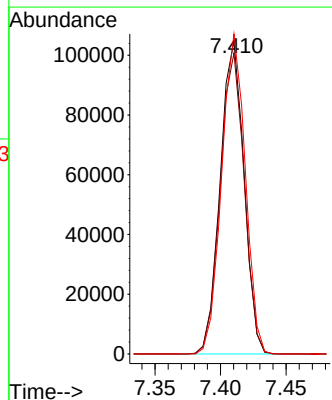
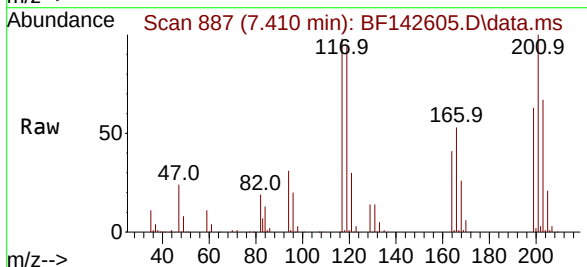
Instrument :
BNA_F
ClientSampleId :

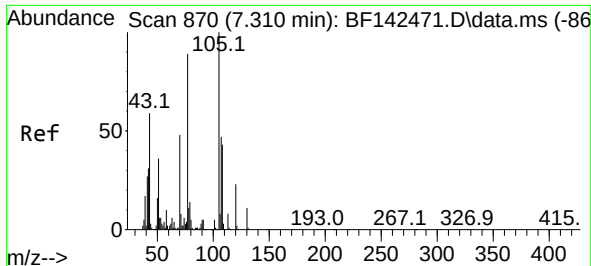
Tgt Ion:107 Resp: 263331
Ion Ratio Lower Upper
107 100
108 114.3 90.2 135.2
77 46.2 36.1 54.1
79 45.0 36.2 54.4



#18
Hexachloroethane
Concen: 43.558 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:117 Resp: 132286
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8
201 102.3 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.155 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.023 min

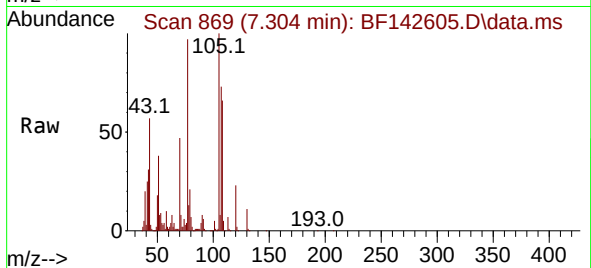
Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 218117

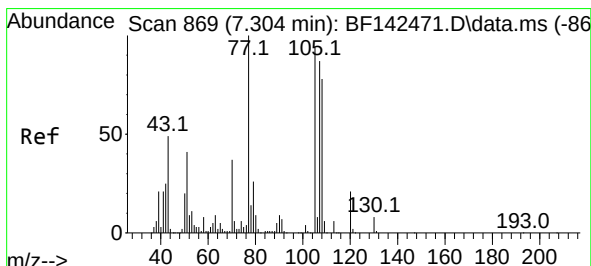
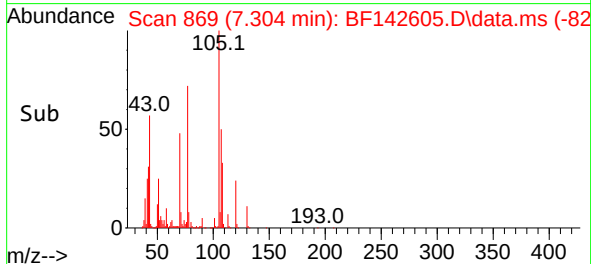
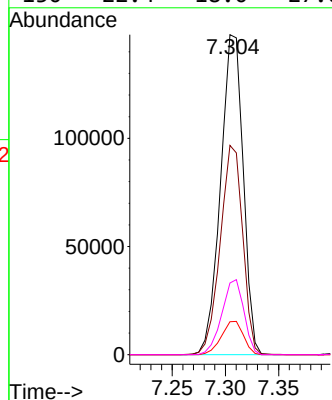
Ion Ratio Lower Upper

70 100

42 65.4 52.4 78.6

101 10.3 7.8 11.8

130 22.4 18.0 27.0



#20

3+4-Methylphenols

Concen: 41.561 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Tgt Ion: 107 Resp: 321533

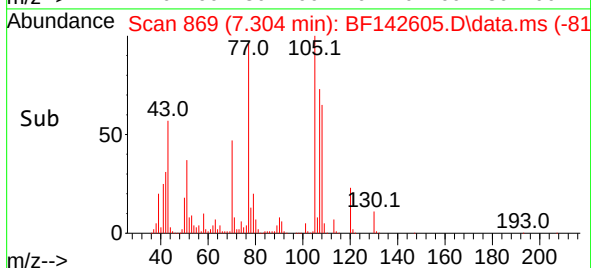
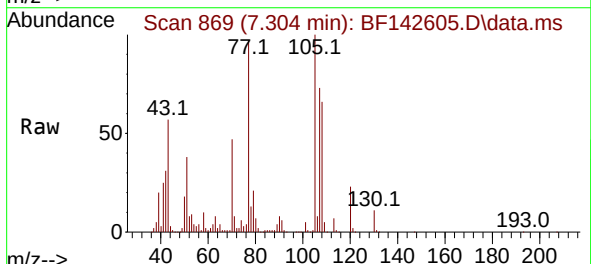
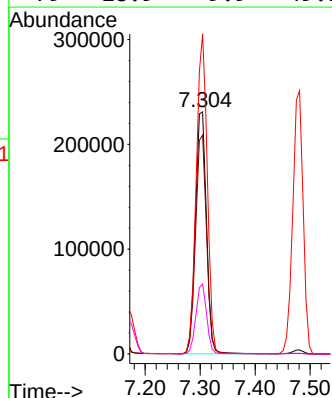
Ion Ratio Lower Upper

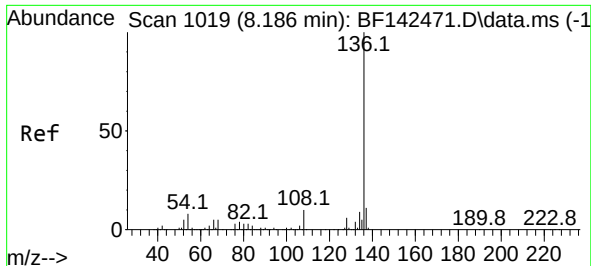
107 100

108 90.4 70.4 110.4

77 132.2 95.4 135.4

79 28.9 9.9 49.9

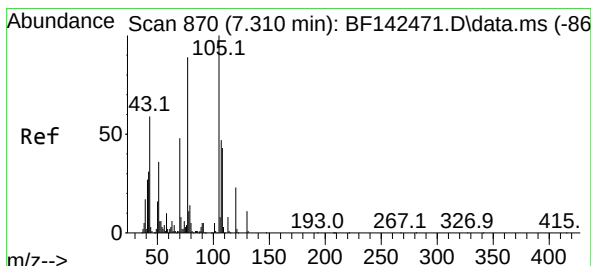
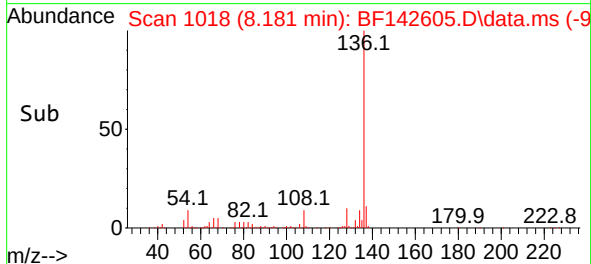
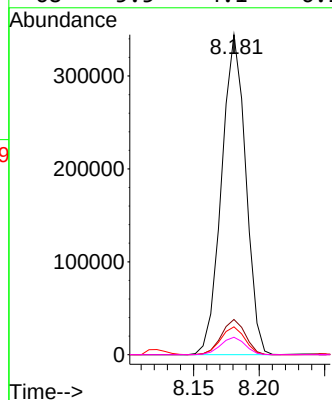
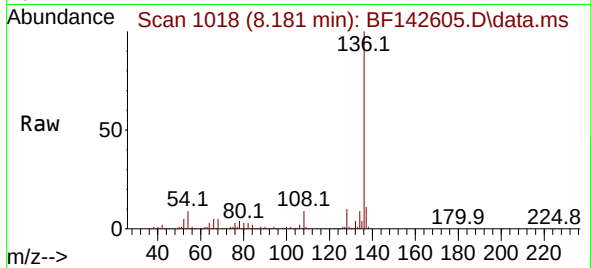




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

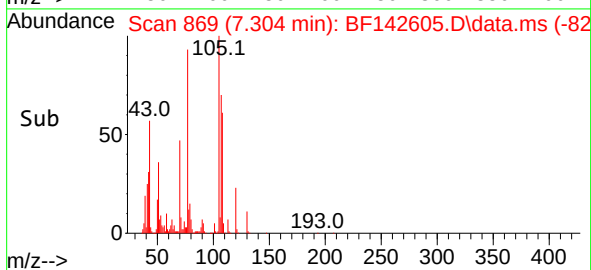
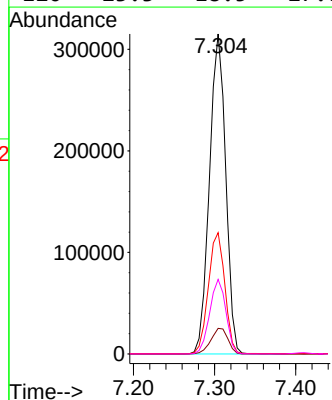
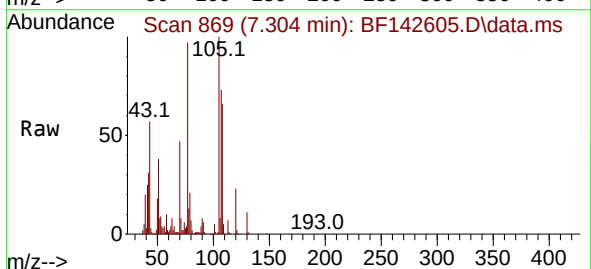
Instrument :
BNA_F
ClientSampleId :

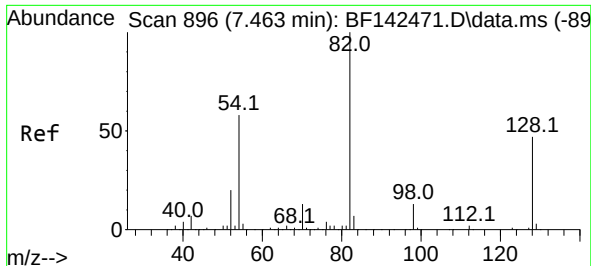
Tgt Ion:136 Resp: 441391
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 6.6 10.0
68 5.5 4.1 6.1



#22
Acetophenone
Concen: 44.733 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:105 Resp: 437089
Ion Ratio Lower Upper
105 100
71 8.0 6.4 9.6
51 37.9 28.6 42.8
120 23.3 18.5 27.7





#23

Nitrobenzene-d5

Concen: 47.414 ng

RT: 7.457 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

ClientSampleId :

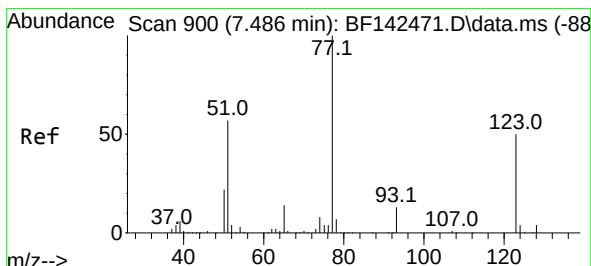
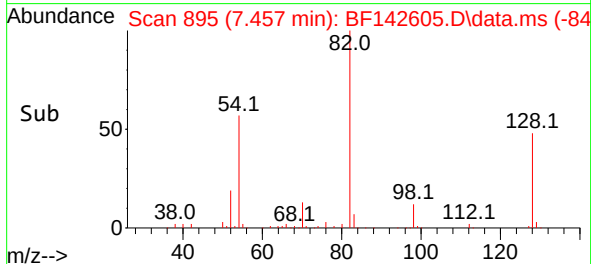
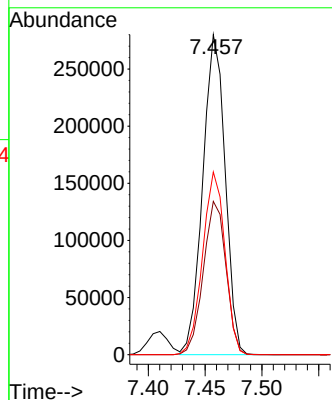
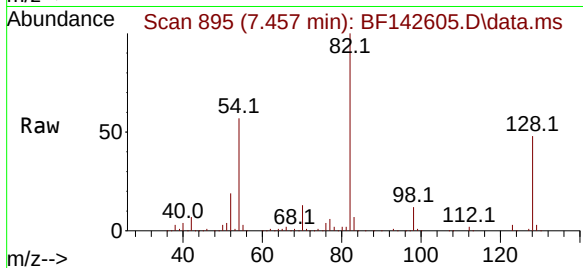
Tgt Ion: 82 Resp: 383796

Ion Ratio Lower Upper

82 100

128 47.9 37.4 56.2

54 57.1 46.6 70.0



#24

Nitrobenzene

Concen: 45.400 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

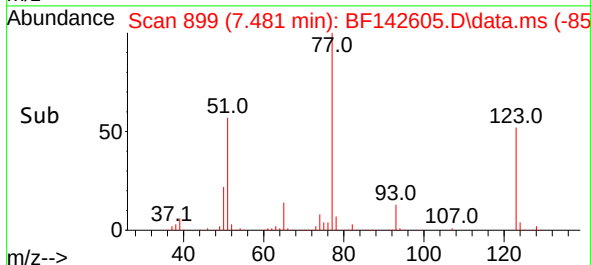
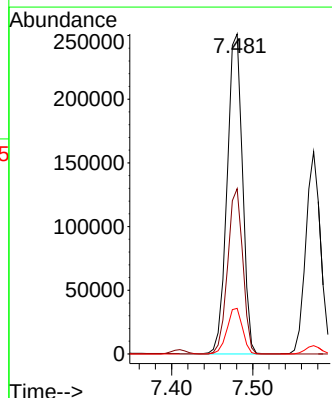
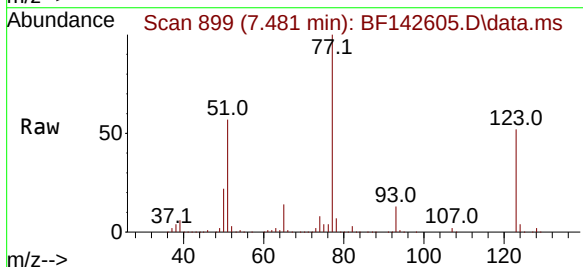
Tgt Ion: 77 Resp: 331446

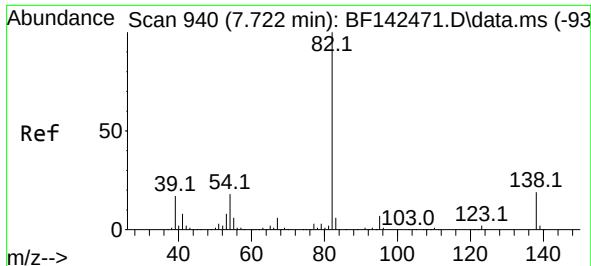
Ion Ratio Lower Upper

77 100

123 51.7 40.6 61.0

65 14.3 11.4 17.2

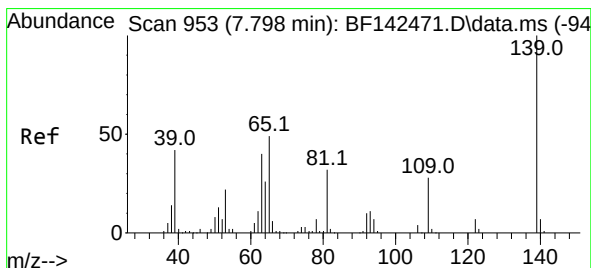
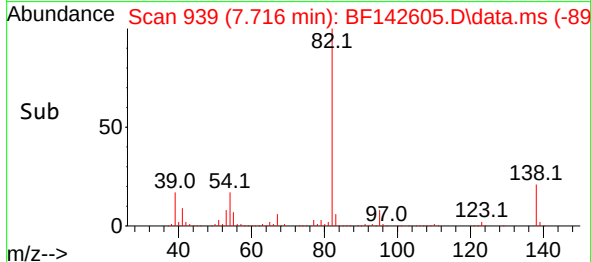
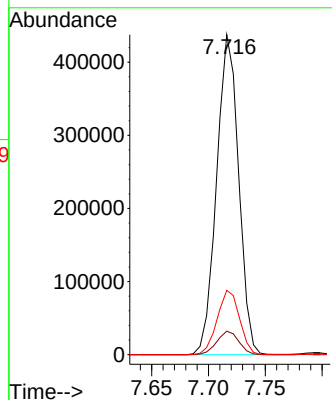
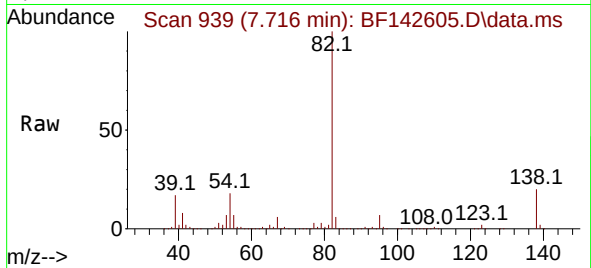




#25
Isophorone
Concen: 43.690 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

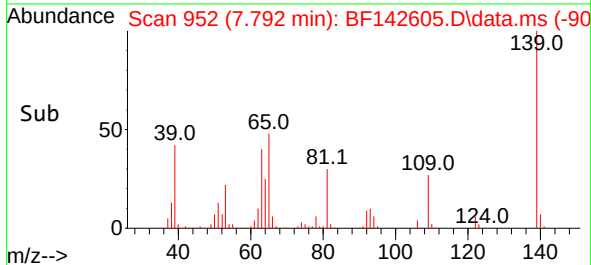
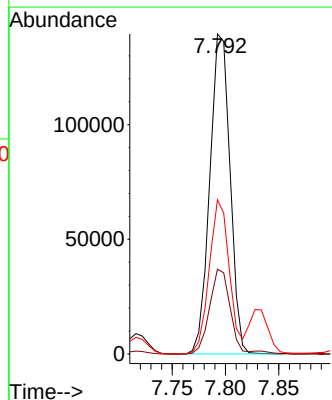
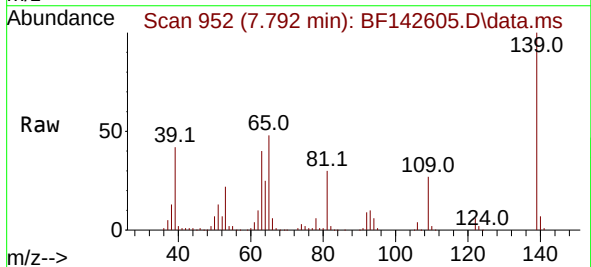
Instrument :
BNA_F
ClientSampleId :

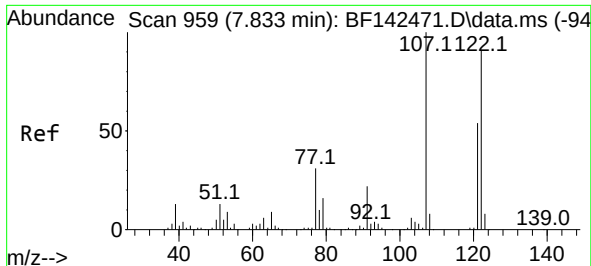
Tgt Ion: 82 Resp: 591291
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.1 15.5 23.3



#26
2-Nitrophenol
Concen: 47.277 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

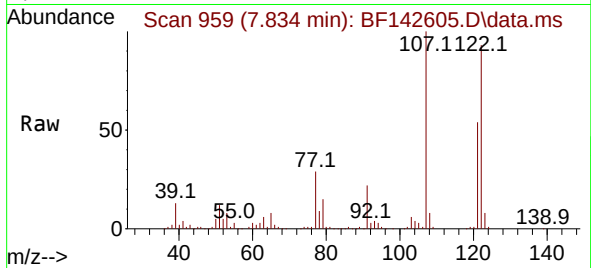
Tgt Ion:139 Resp: 184427
Ion Ratio Lower Upper
139 100
109 26.5 22.6 33.8
65 48.2 39.4 59.0



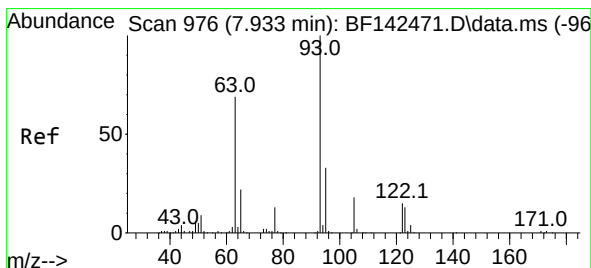
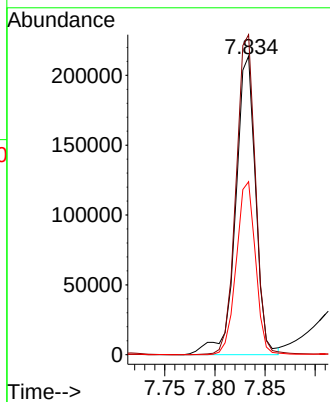
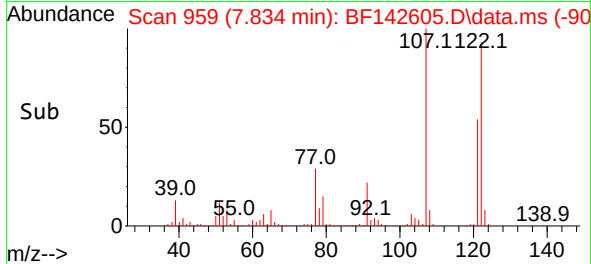


#27
2,4-Dimethylphenol
Concen: 43.318 ng
RT: 7.834 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

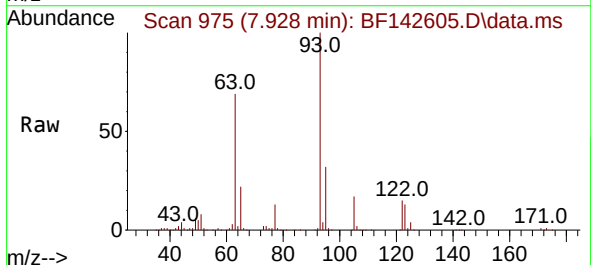
Instrument :
BNA_F
ClientSampleId :



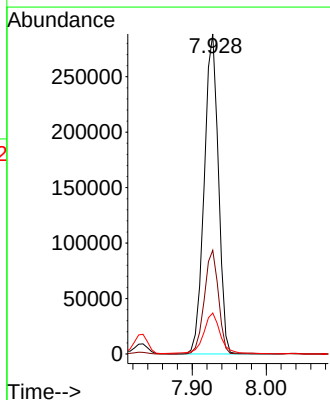
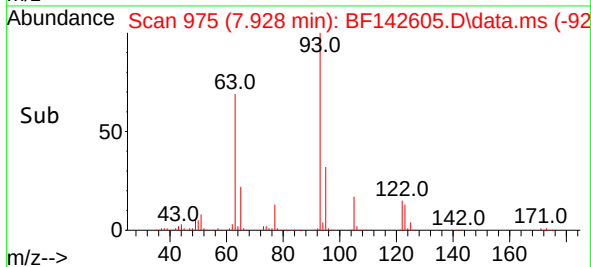
Tgt Ion:122 Resp: 298005
Ion Ratio Lower Upper
122 100
107 107.2 88.1 132.1
121 57.9 47.3 70.9

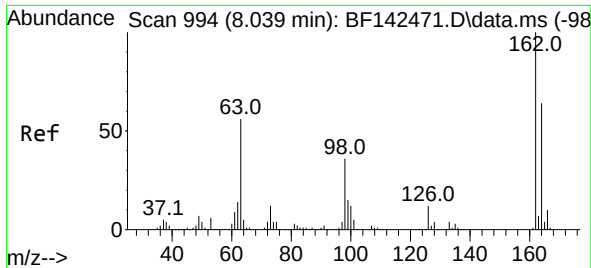


#28
bis(2-Chloroethoxy)methane
Concen: 45.412 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08



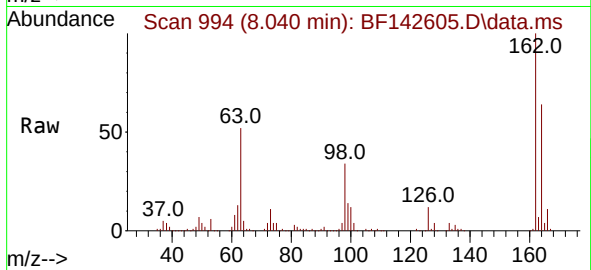
Tgt Ion: 93 Resp: 383925
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 12.8 10.6 15.8



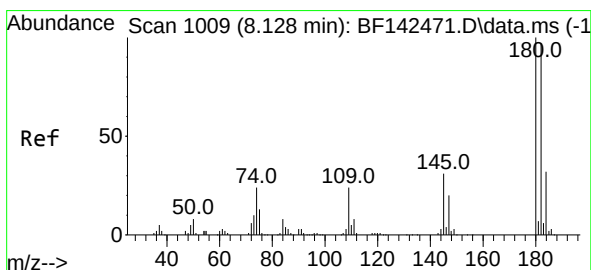
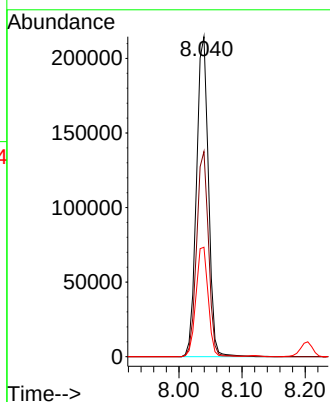
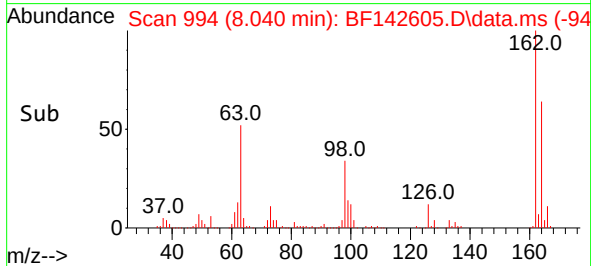


#29
2,4-Dichlorophenol
Concen: 45.075 ng
RT: 8.040 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

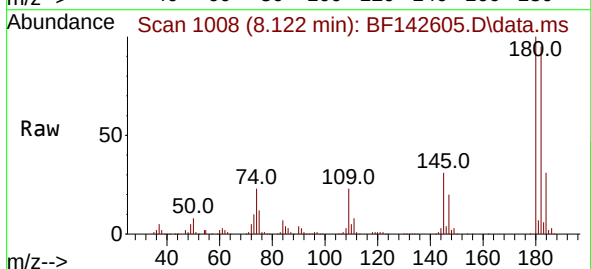
Instrument :
BNA_F
ClientSampleId :



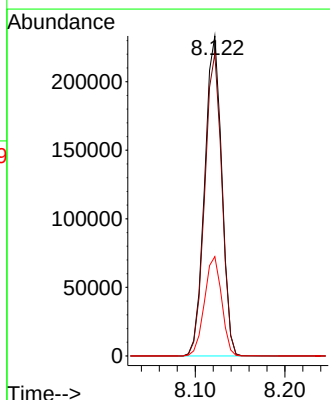
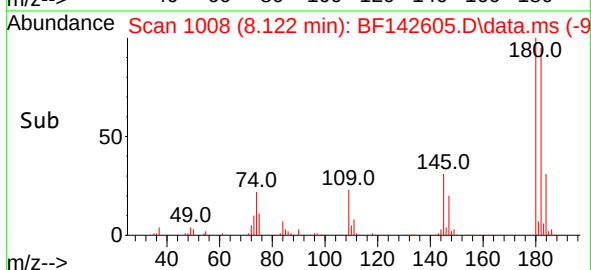
Tgt Ion:162 Resp: 282004
Ion Ratio Lower Upper
162 100
164 64.1 43.7 83.7
98 34.2 15.5 55.5

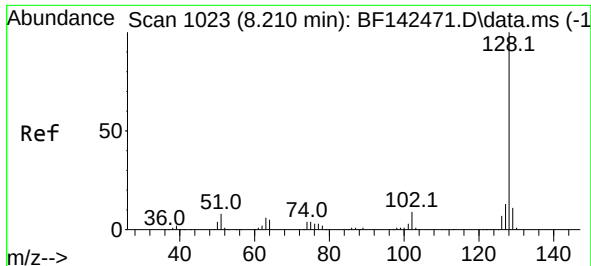


#30
1,2,4-Trichlorobenzene
Concen: 45.387 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08



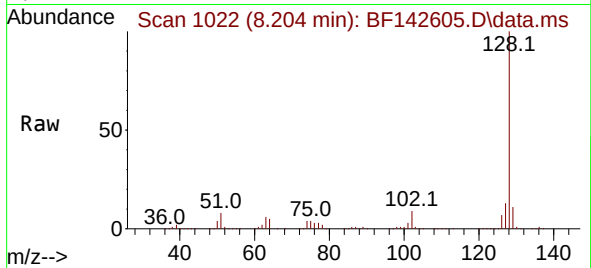
Tgt Ion:180 Resp: 308170
Ion Ratio Lower Upper
180 100
182 94.5 78.0 117.0
145 31.0 25.0 37.6



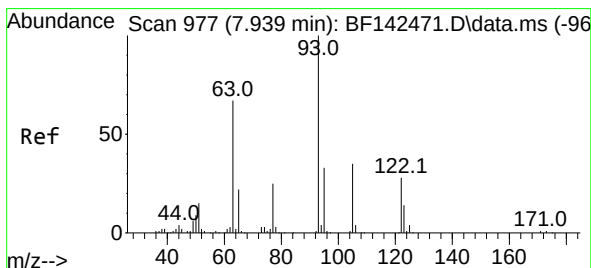
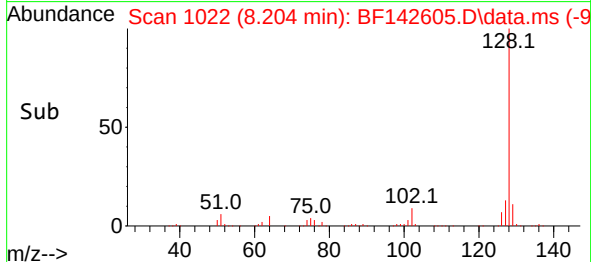
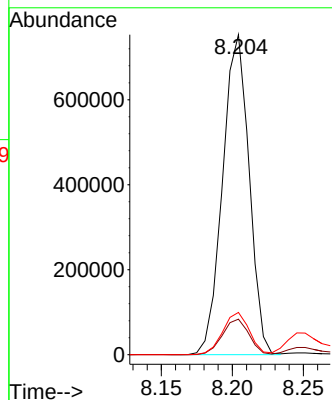


#31
Naphthalene
Concen: 44.943 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :

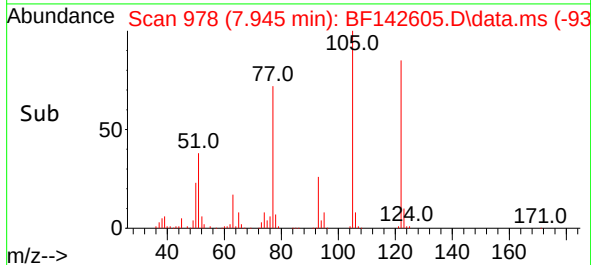
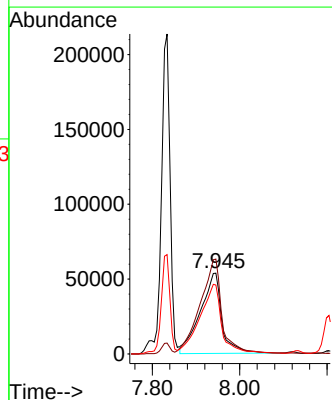
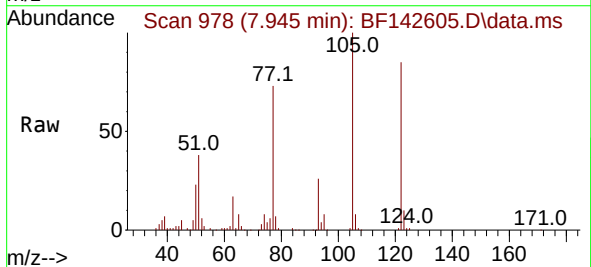


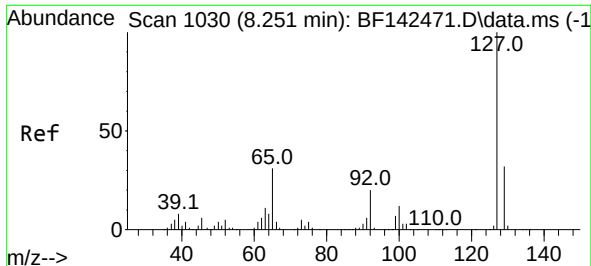
Tgt Ion:128 Resp: 976775
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 43.933 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

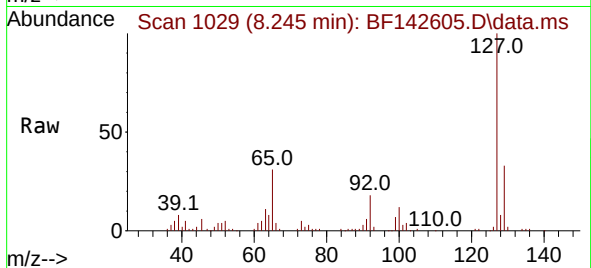
Tgt Ion:122 Resp: 183976
Ion Ratio Lower Upper
122 100
105 117.5 101.7 141.7
77 85.3 69.5 109.5



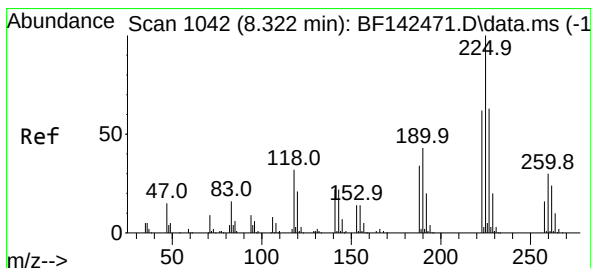
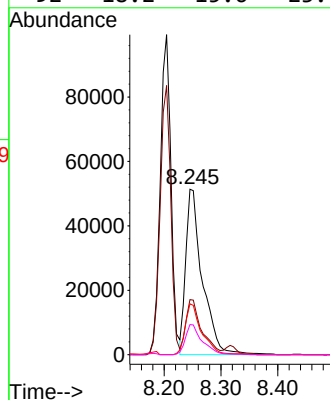
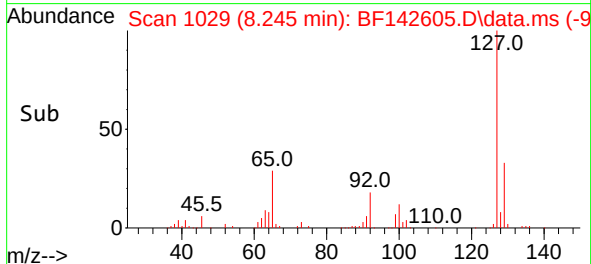


#33
4-Chloroaniline
Concen: 11.892 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :

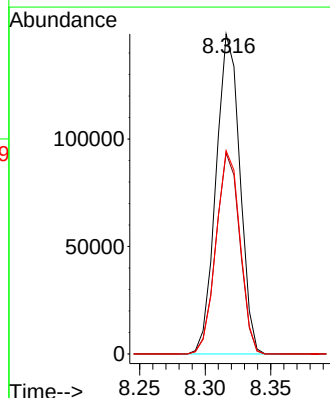
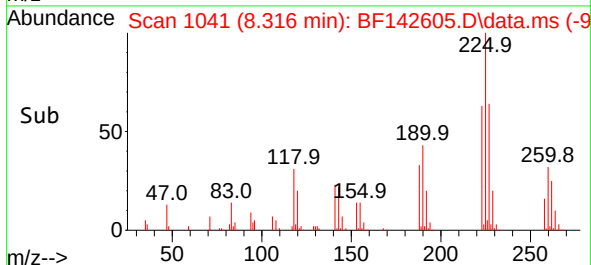
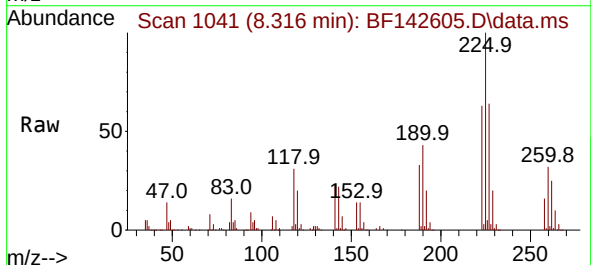


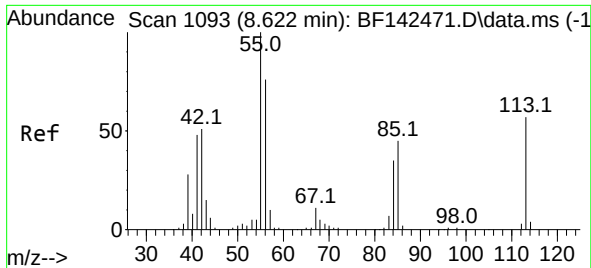
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	30.8	24.9	37.3
92	18.2	15.6	23.4



#34
Hexachlorobutadiene
Concen: 44.388 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	63.6	50.3	75.5

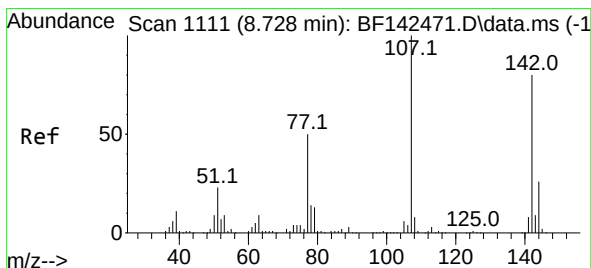
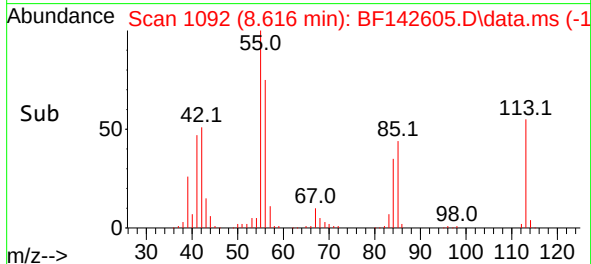
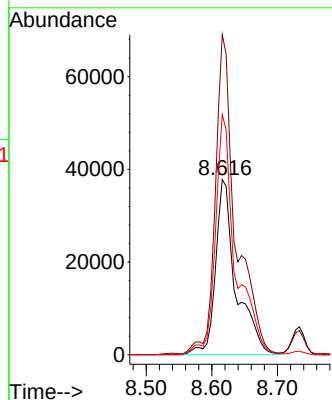
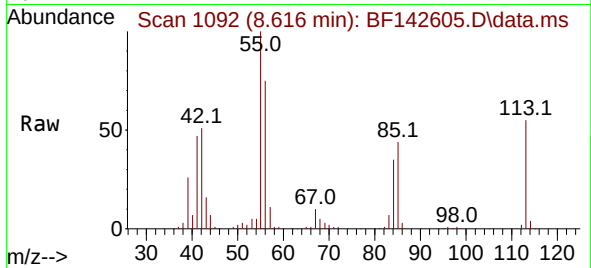




#35
 Caprolactam
 Concen: 46.648 ng
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF142605.D
 Acq: 04 Jun 2025 14:08

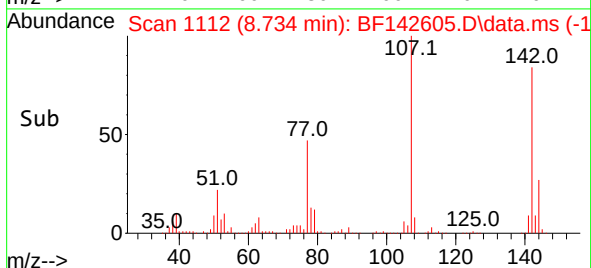
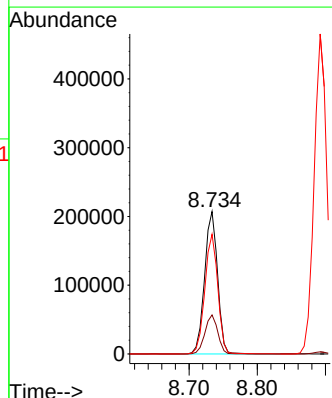
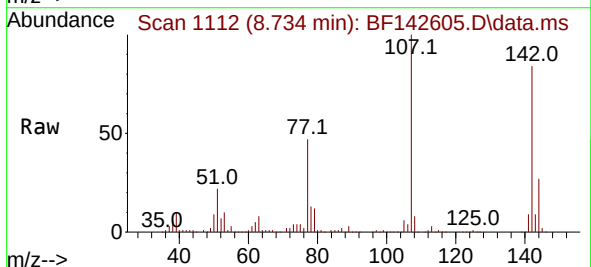
Instrument :
 BNA_F
 ClientSampleId :

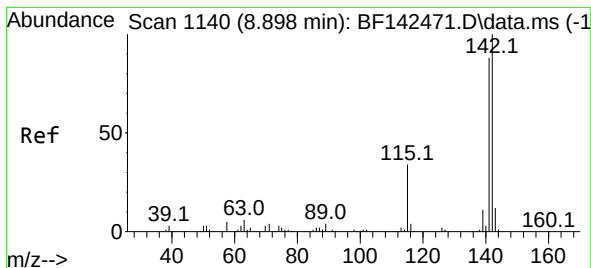
Tgt Ion:113 Resp: 81967
 Ion Ratio Lower Upper
 113 100
 55 182.7 154.7 194.7
 56 137.0 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 42.801 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142605.D
 Acq: 04 Jun 2025 14:08

Tgt Ion:107 Resp: 274424
 Ion Ratio Lower Upper
 107 100
 144 27.4 20.9 31.3
 142 84.1 64.2 96.2





#37

2-Methylnaphthalene

Concen: 43.817 ng

RT: 8.892 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

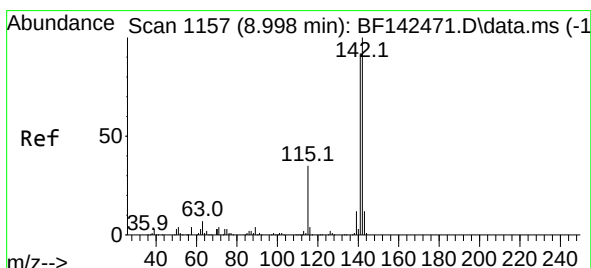
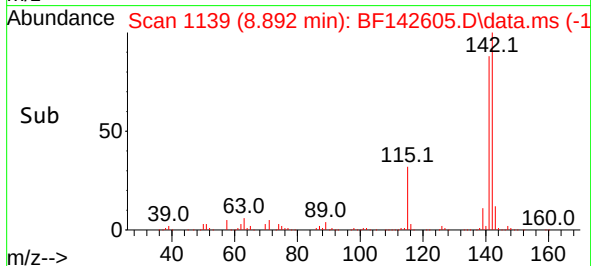
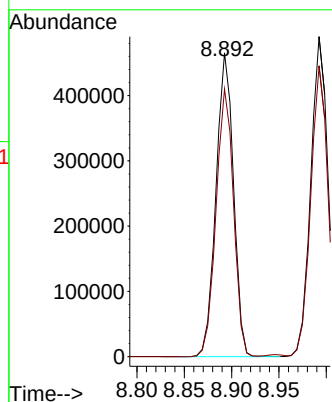
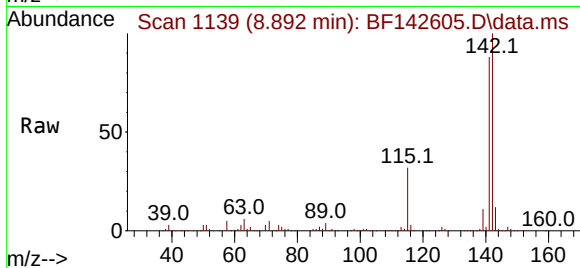
ClientSampleId :

Tgt Ion:142 Resp: 599114

Ion Ratio Lower Upper

142 100

141 88.1 70.7 106.1



#38

1-Methylnaphthalene

Concen: 43.533 ng

RT: 8.992 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF142605.D

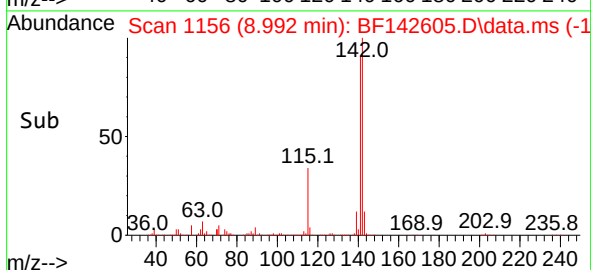
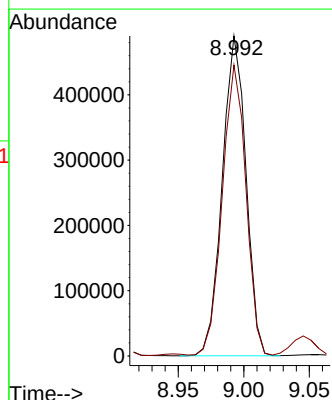
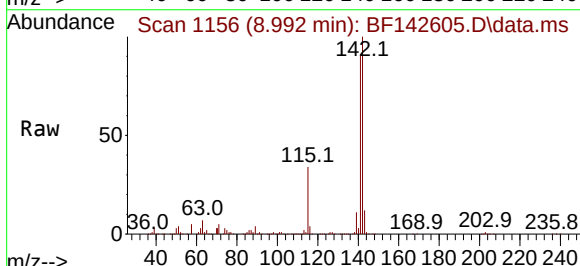
Acq: 04 Jun 2025 14:08

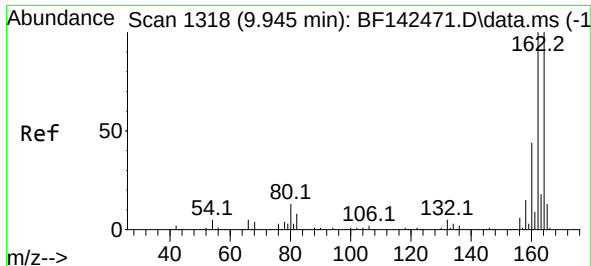
Tgt Ion:142 Resp: 615699

Ion Ratio Lower Upper

142 100

141 90.9 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

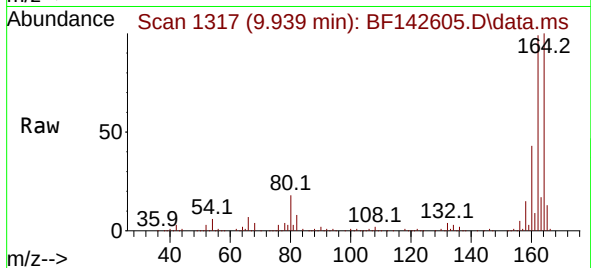
Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

ClientSampleId :



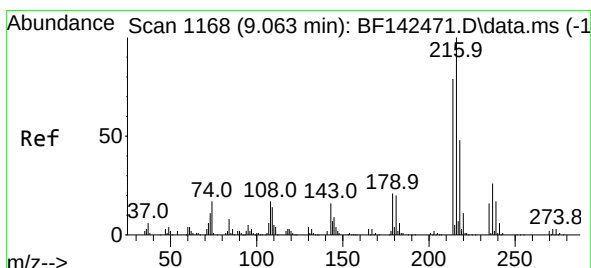
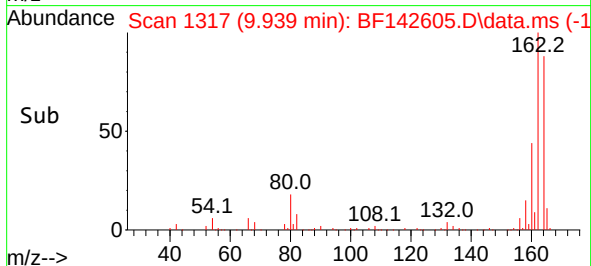
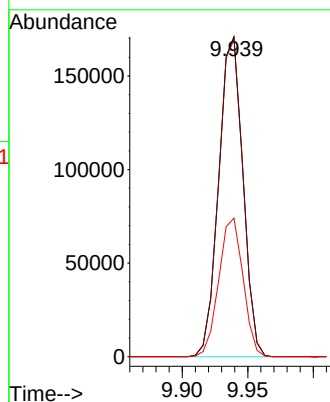
Tgt Ion:164 Resp: 218918

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.4

160 43.3 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.940 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Tgt Ion:216 Resp: 301267

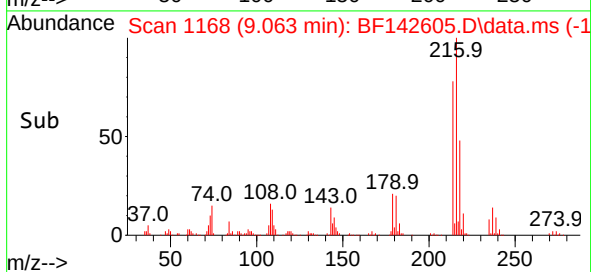
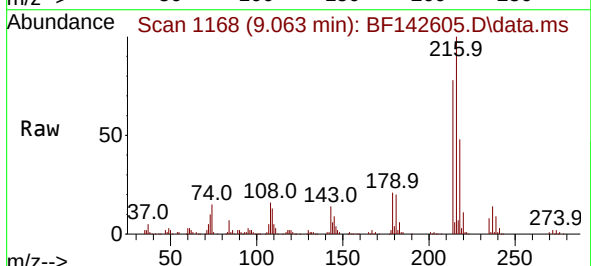
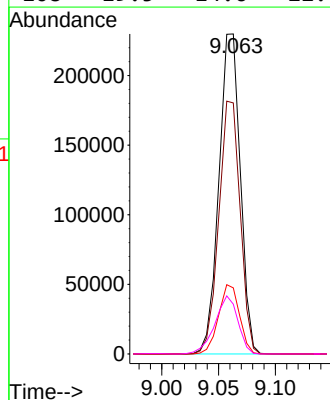
Ion Ratio Lower Upper

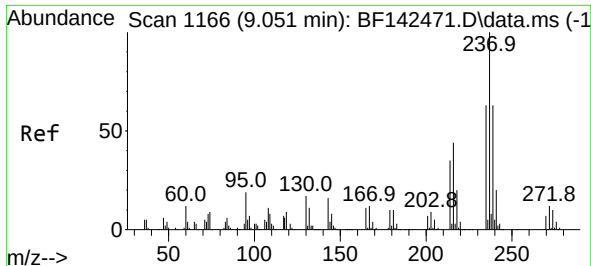
216 100

214 78.8 62.9 94.3

179 21.2 16.9 25.3

108 19.5 14.6 22.0

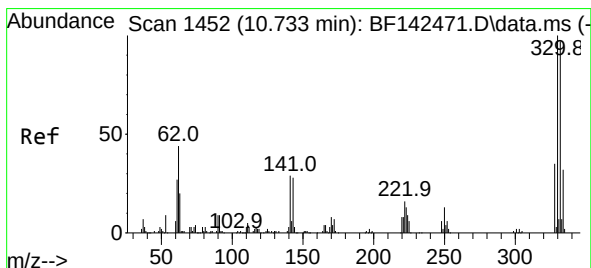
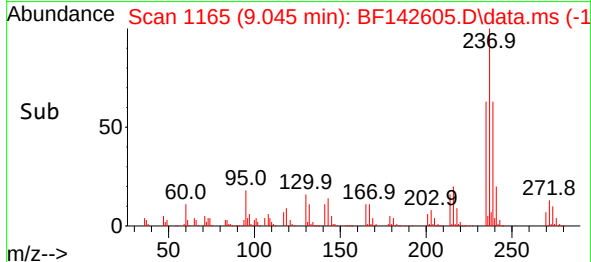
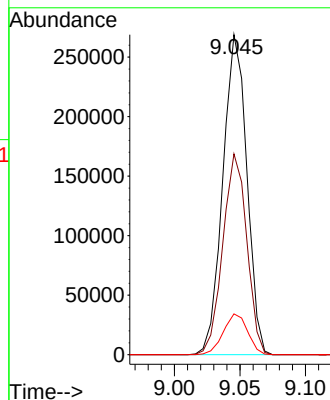
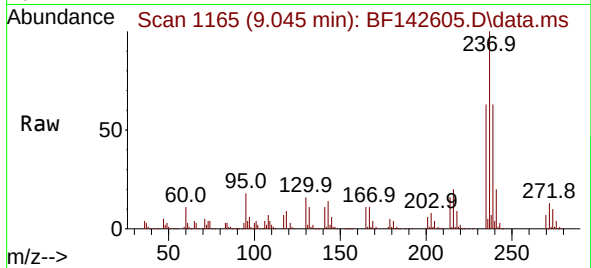




#41
Hexachlorocyclopentadiene
Concen: 80.712 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

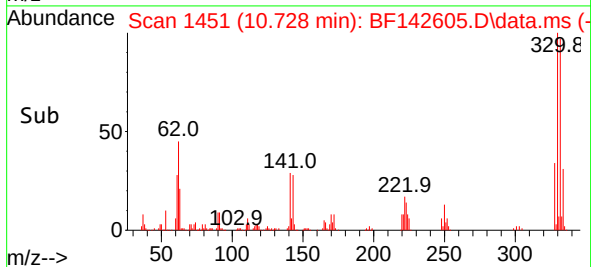
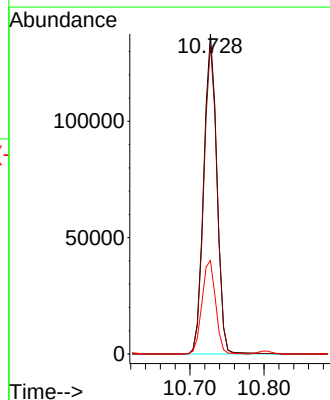
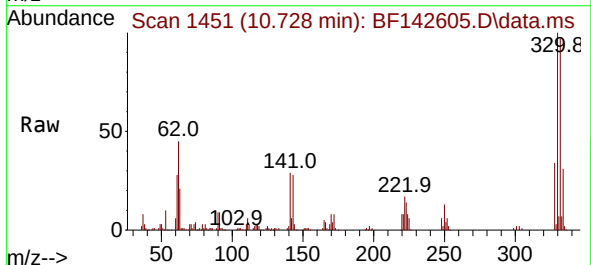
Instrument :
BNA_F
ClientSampleId :

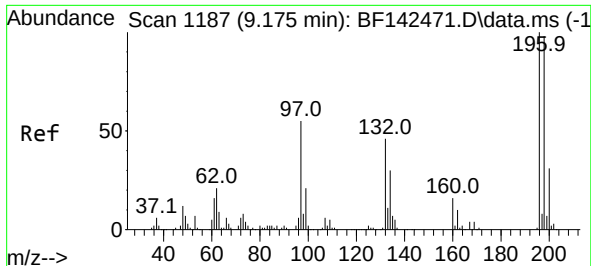
Tgt Ion:237 Resp: 342158
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 69.826 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

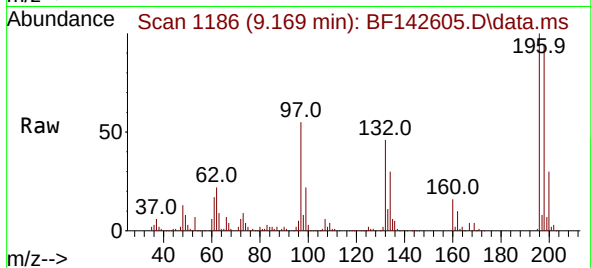
Tgt Ion:330 Resp: 169656
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 30.1 24.6 36.8



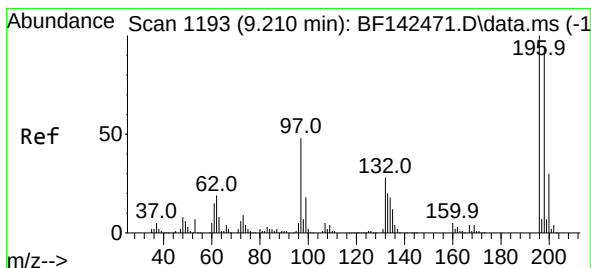
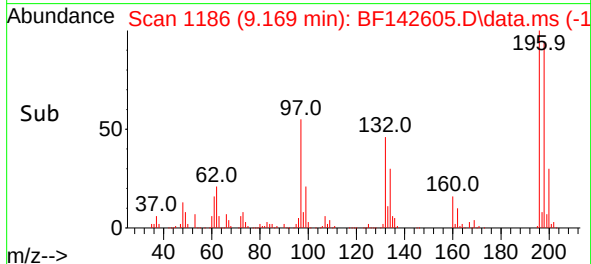
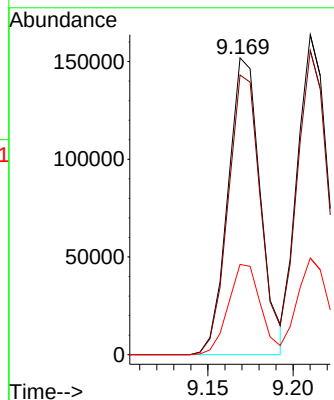


#43
2,4,6-Trichlorophenol
Concen: 47.400 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :

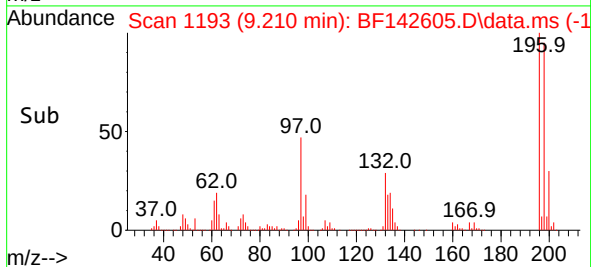
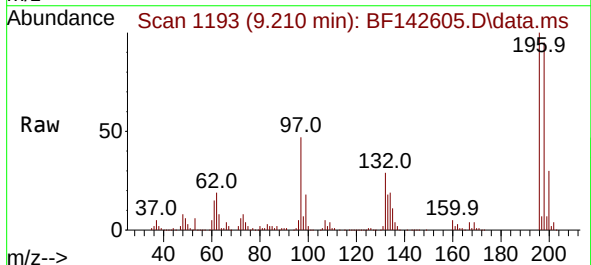
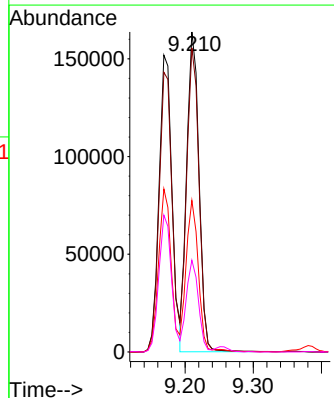


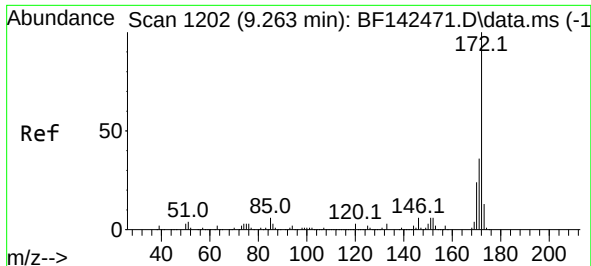
Tgt Ion:196 Resp: 200860
Ion Ratio Lower Upper
196 100
198 94.2 78.8 118.2
200 30.4 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 45.596 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

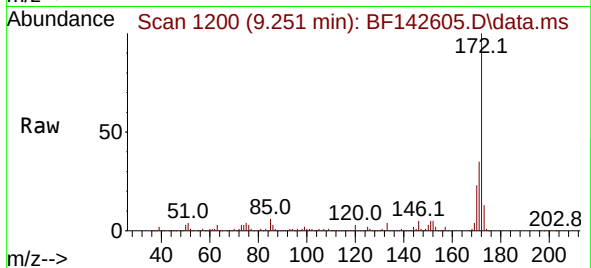
Tgt Ion:196 Resp: 203775
Ion Ratio Lower Upper
196 100
198 95.1 75.5 113.3
97 47.3 39.3 58.9
132 28.7 23.3 34.9



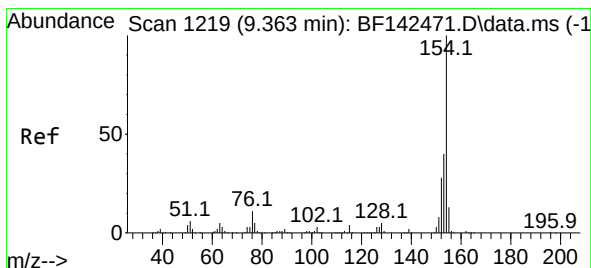
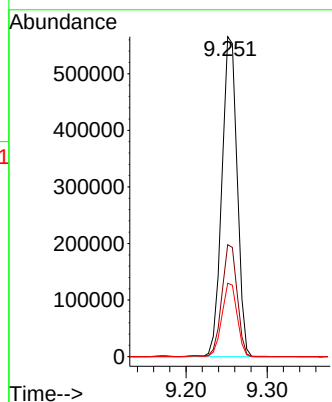
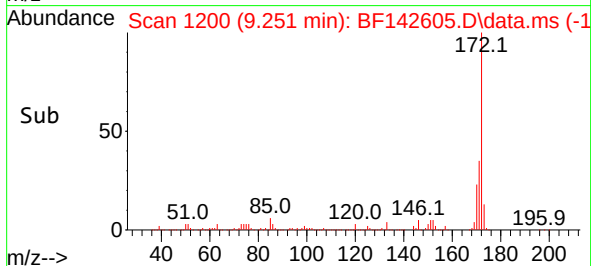


#45
2-Fluorobiphenyl
Concen: 45.522 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

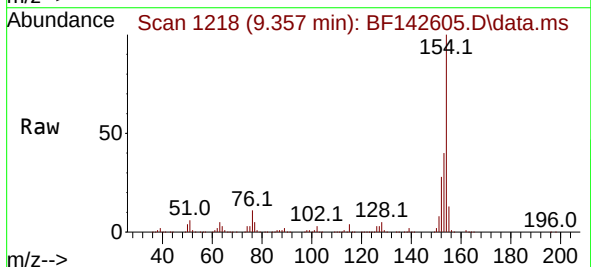
Instrument :
BNA_F
ClientSampleId :



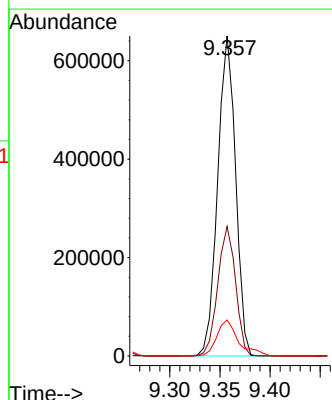
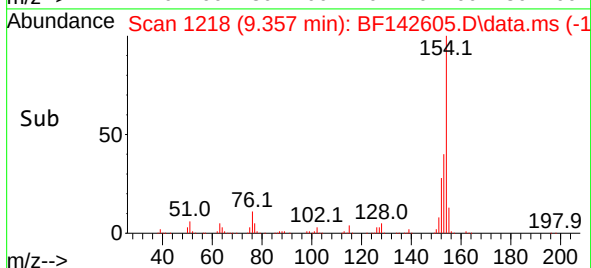
Tgt Ion:172 Resp: 742665
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 22.9 18.9 28.3

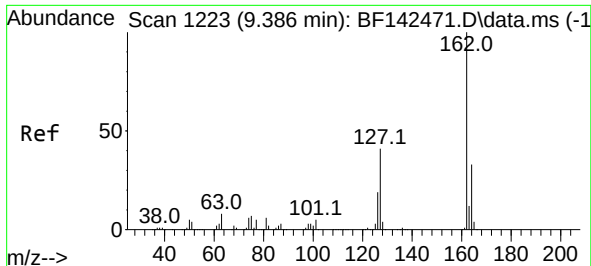


#46
1,1'-Biphenyl
Concen: 47.376 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08



Tgt Ion:154 Resp: 804636
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.3 0.0 30.8

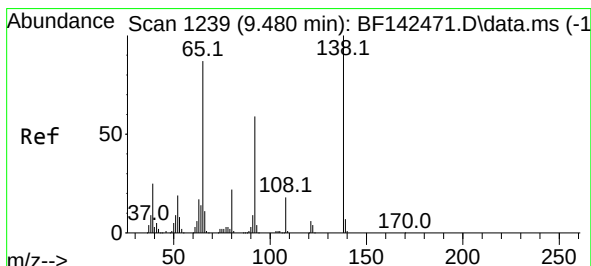
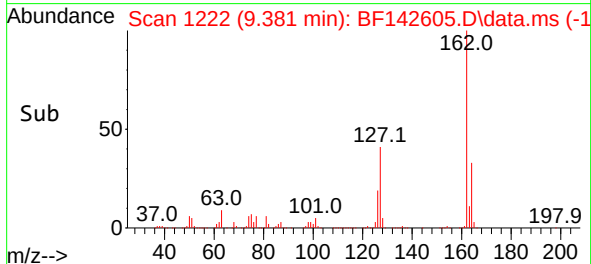
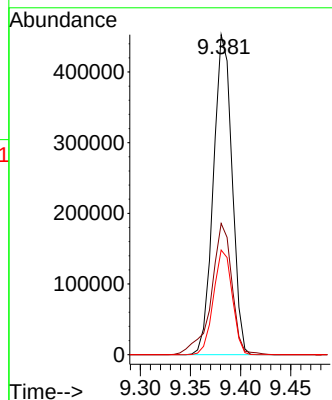
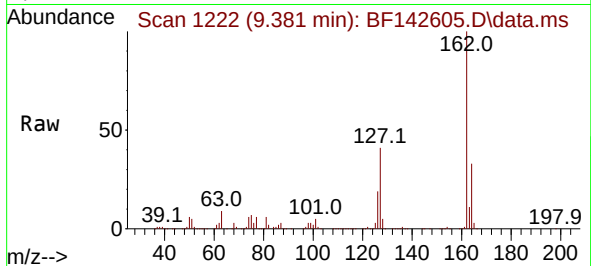




#47
2-Chloronaphthalene
Concen: 46.693 ng
RT: 9.381 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

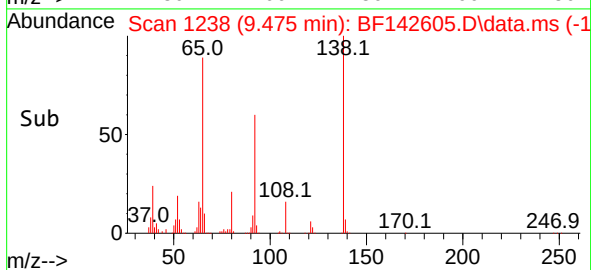
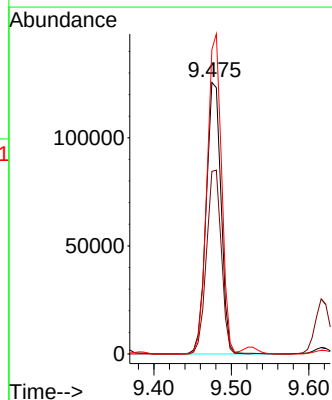
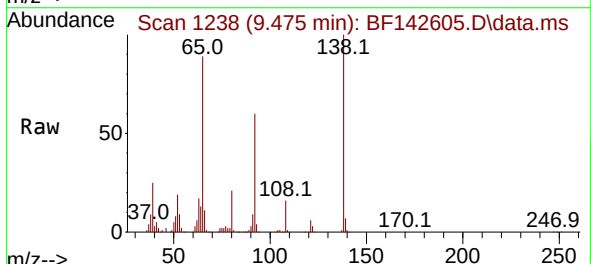
Instrument :
BNA_F
ClientSampleId :

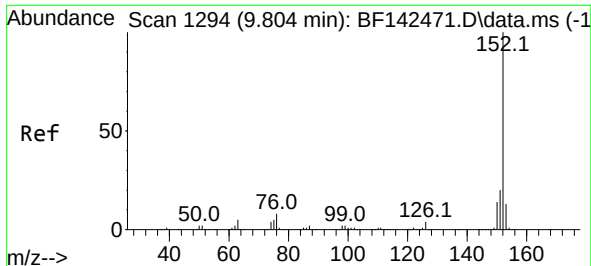
Tgt Ion:162 Resp: 585929
Ion Ratio Lower Upper
162 100
127 41.0 33.5 50.3
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 46.213 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion: 65 Resp: 167615
Ion Ratio Lower Upper
65 100
92 67.3 54.4 81.6
138 112.1 91.4 137.2





#49

Acenaphthylene

Concen: 45.726 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.012 min

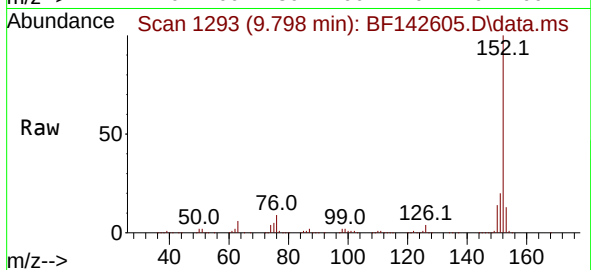
Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

ClientSampleId :



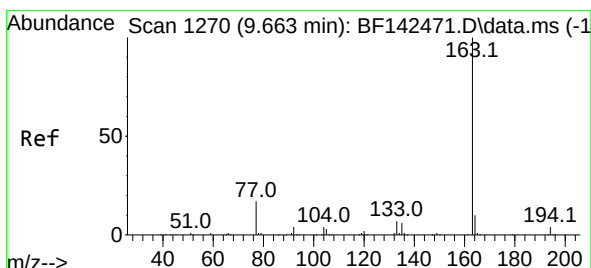
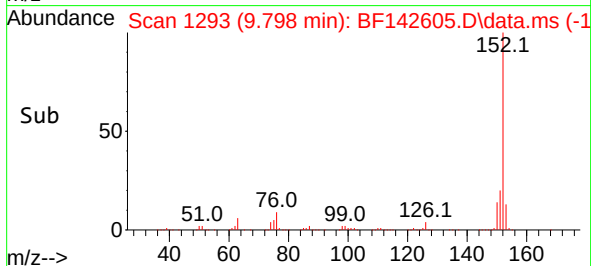
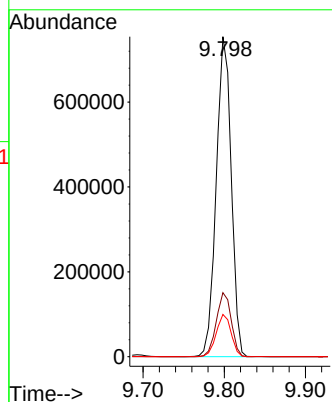
Tgt Ion:152 Resp: 968879

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 45.608 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

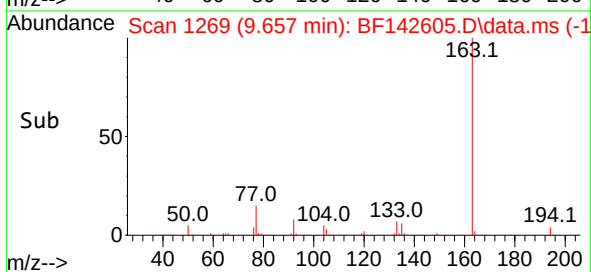
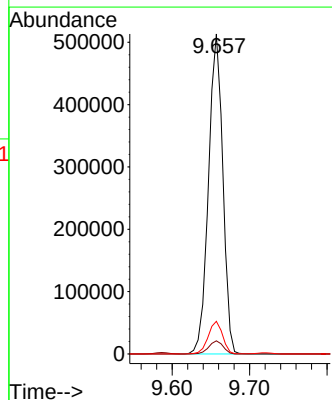
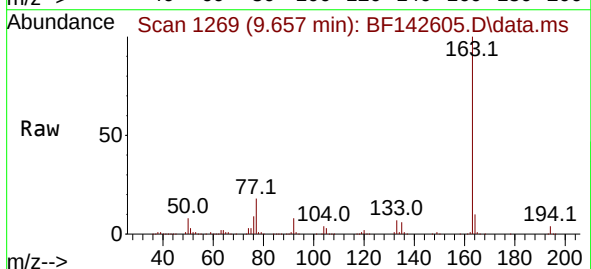
Tgt Ion:163 Resp: 658805

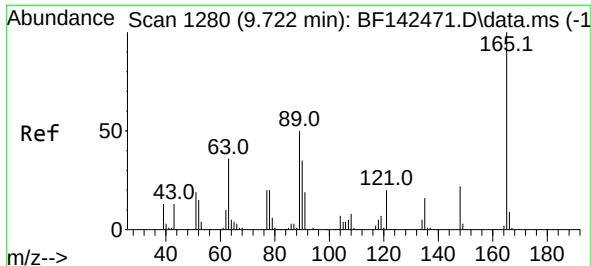
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 8.2 12.4

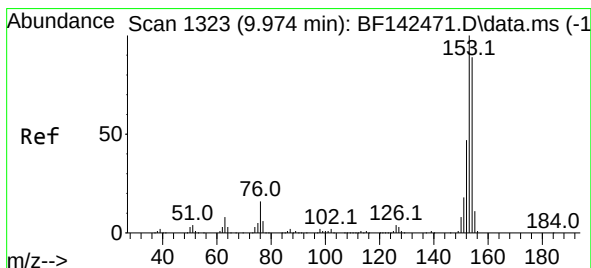
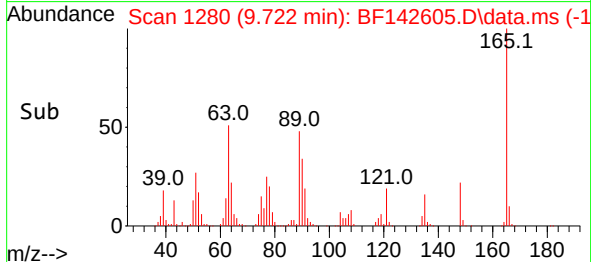
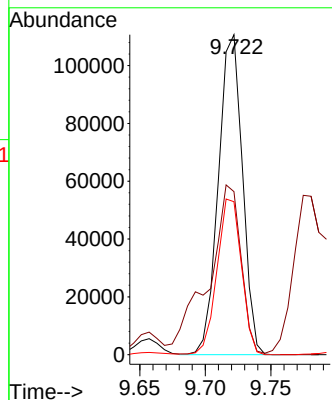
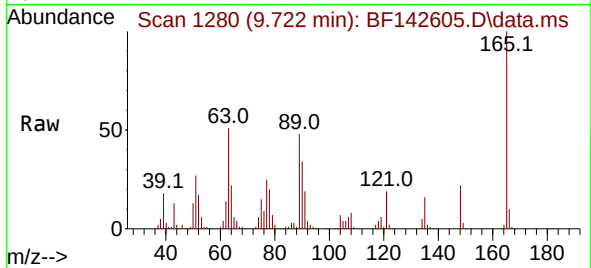




#51
2,6-Dinitrotoluene
Concen: 45.371 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

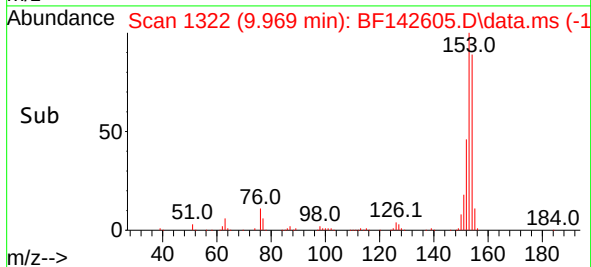
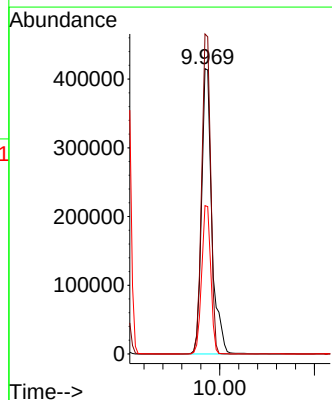
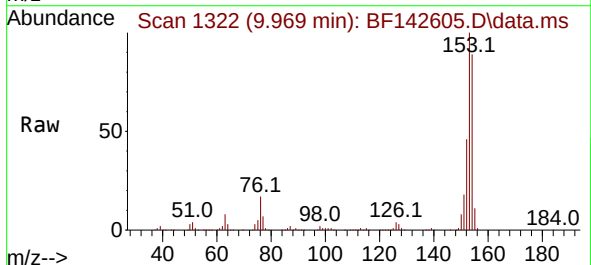
Instrument :
BNA_F
ClientSampleId :

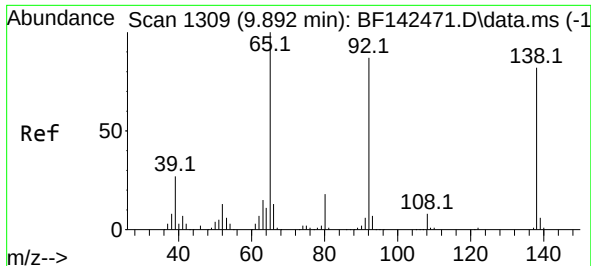
Tgt Ion:165 Resp: 141451
Ion Ratio Lower Upper
165 100
63 51.0 42.9 64.3
89 47.8 40.2 60.4



#52
Acenaphthene
Concen: 48.604 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

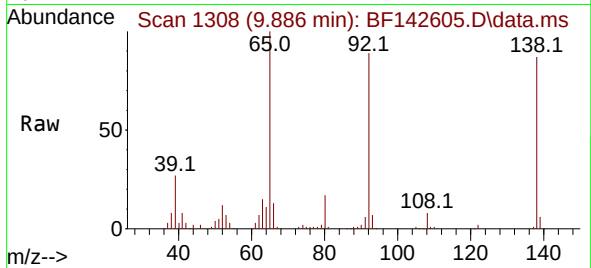
Tgt Ion:154 Resp: 628871
Ion Ratio Lower Upper
154 100
153 112.1 90.0 135.0
152 52.0 42.6 64.0



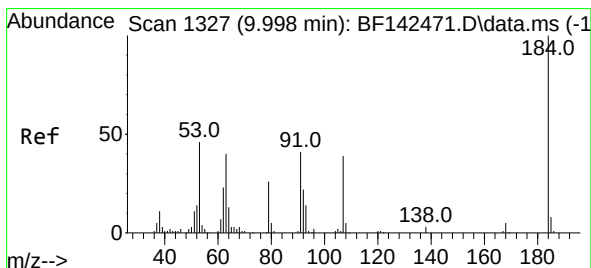
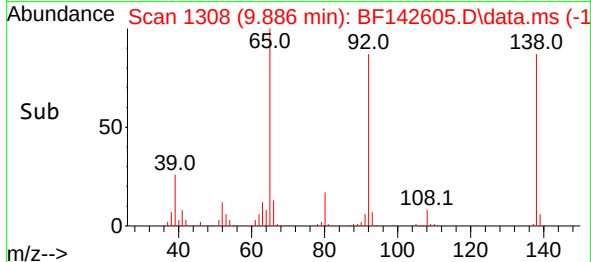
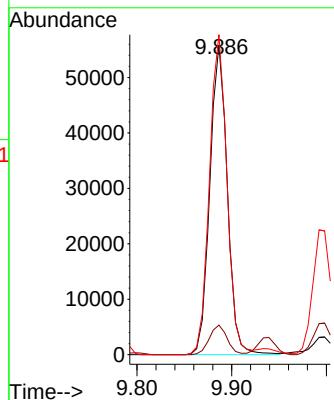


#53
3-Nitroaniline
Concen: 21.053 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :

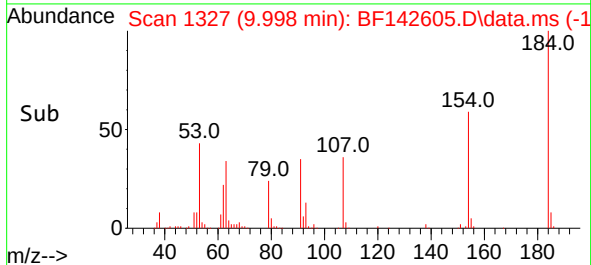
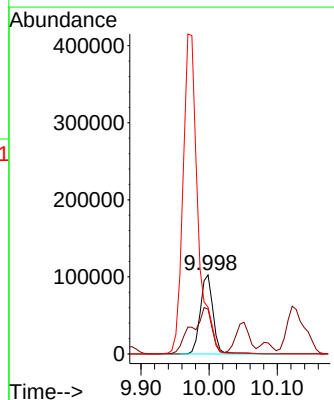
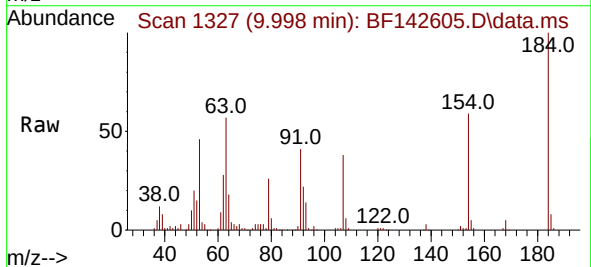


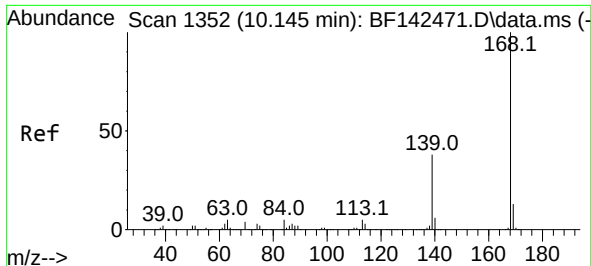
Tgt Ion:138 Resp: 71689
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 103.3 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 83.183 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

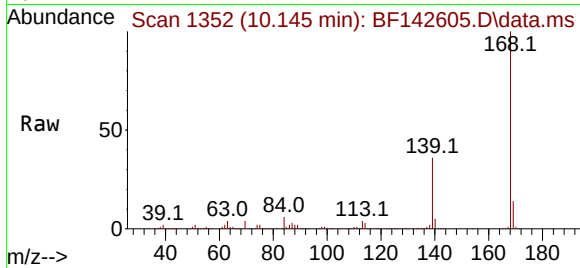
Tgt Ion:184 Resp: 133984
Ion Ratio Lower Upper
184 100
63 56.6 46.3 69.5
154 59.2 56.8 85.2



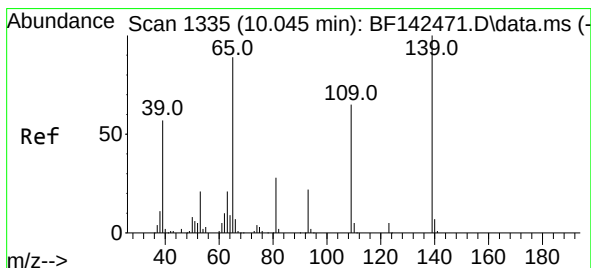
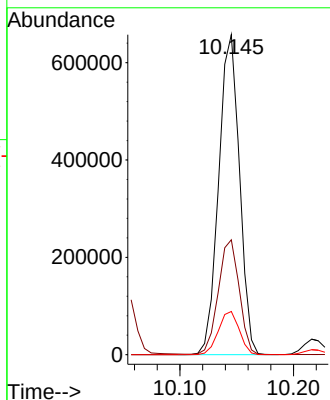
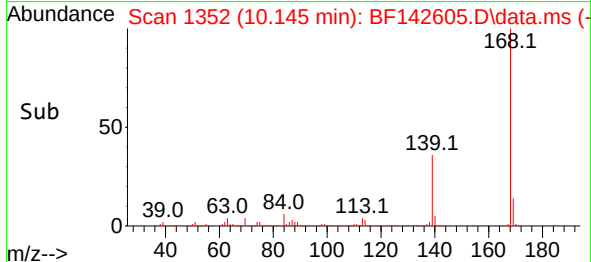


#55
Dibenzofuran
Concen: 44.916 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :

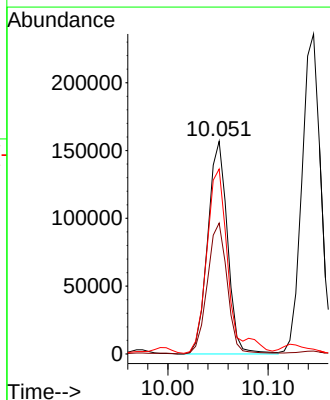
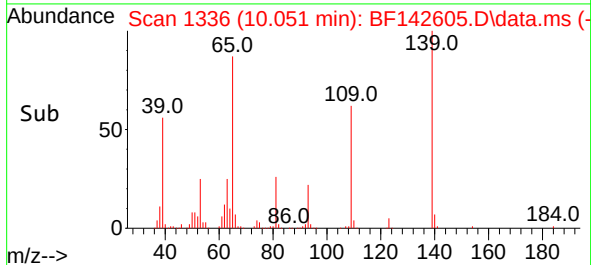
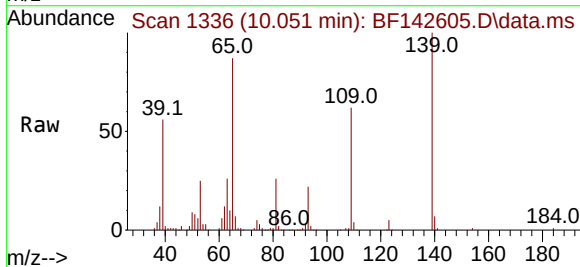


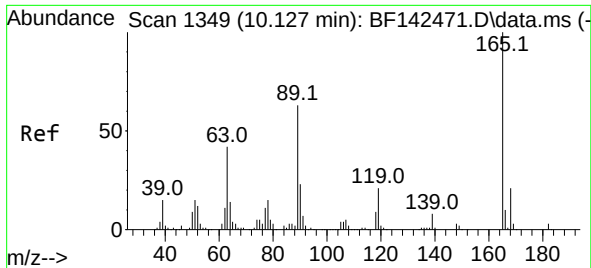
Tgt Ion:168 Resp: 836285
Ion Ratio Lower Upper
168 100
139 35.9 30.2 45.2
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 85.412 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

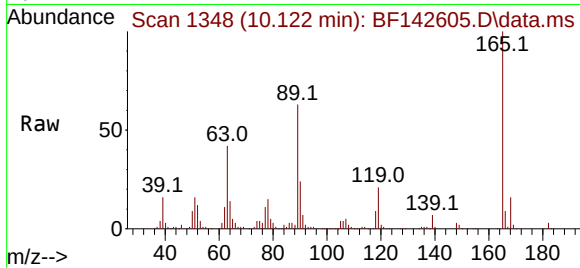
Tgt Ion:139 Resp: 214603
Ion Ratio Lower Upper
139 100
109 61.6 45.1 85.1
65 87.0 69.7 109.7



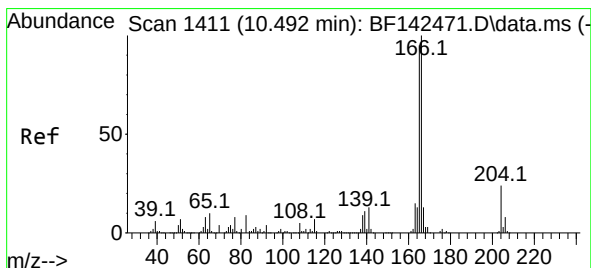
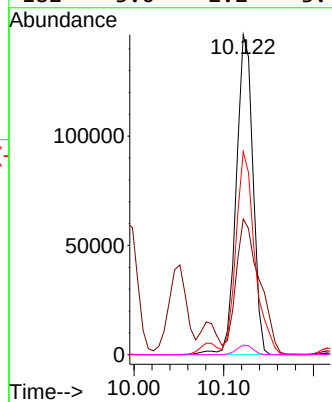
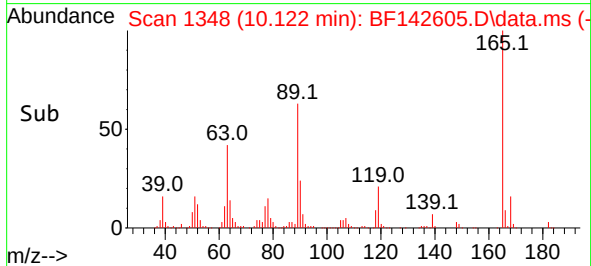


#57
2,4-Dinitrotoluene
Concen: 46.454 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :

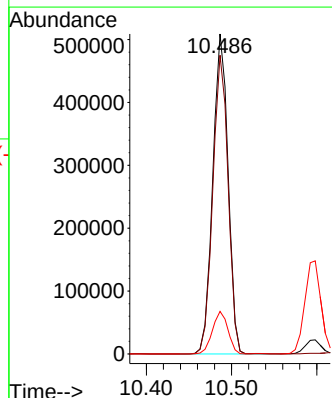
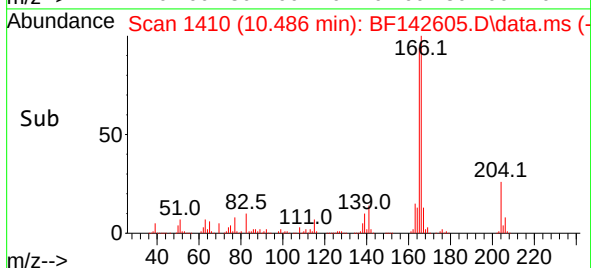
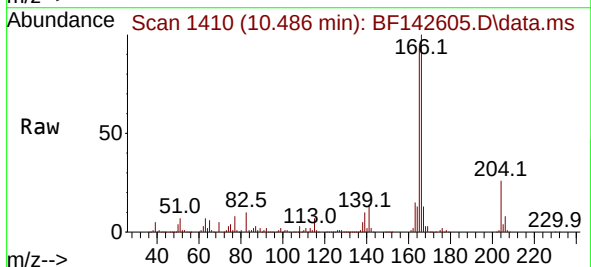


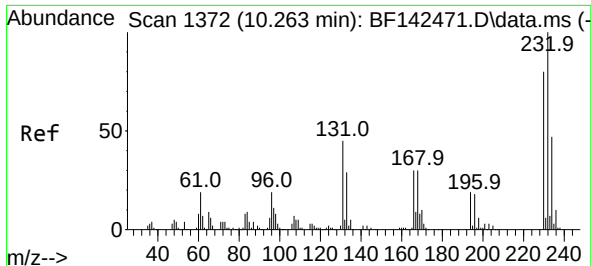
Tgt Ion:165 Resp: 189139
Ion Ratio Lower Upper
165 100
63 42.4 33.6 50.4
89 63.5 50.2 75.4
182 3.0 2.2 3.4



#58
Fluorene
Concen: 44.103 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

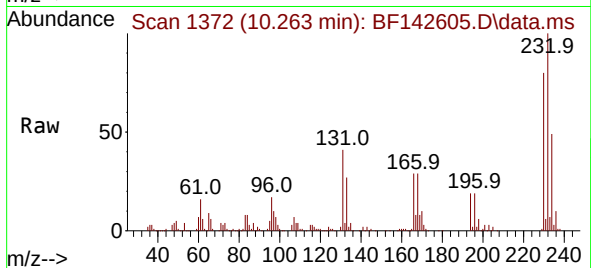
Tgt Ion:166 Resp: 634376
Ion Ratio Lower Upper
166 100
165 93.4 75.8 113.8
167 13.3 10.6 16.0



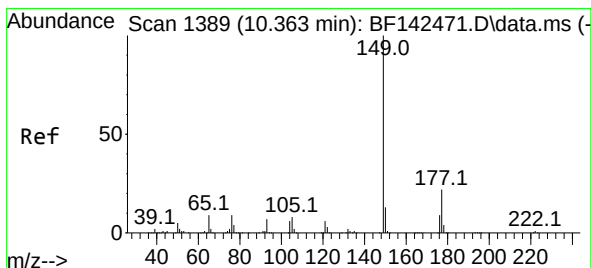
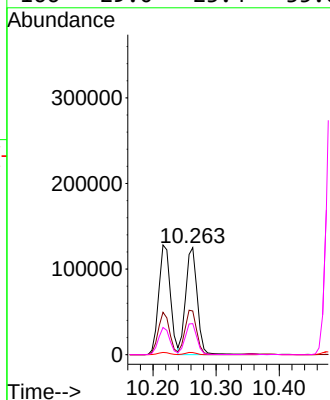
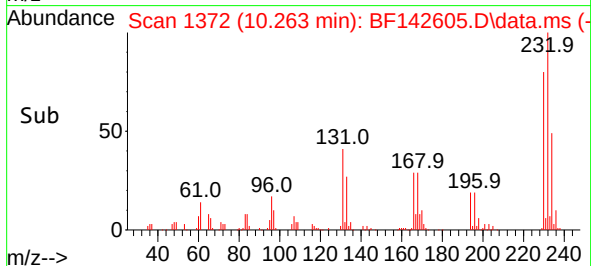


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.958 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

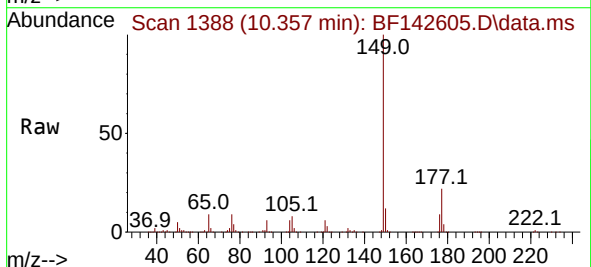
Instrument :
BNA_F
ClientSampleId :



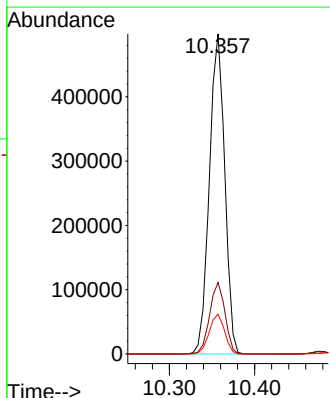
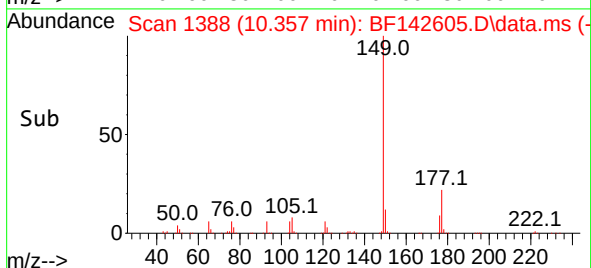
Tgt Ion:232 Resp: 160270
Ion Ratio Lower Upper
232 100
131 42.1 35.2 52.8
130 2.0 1.7 2.5
166 29.0 23.4 35.0

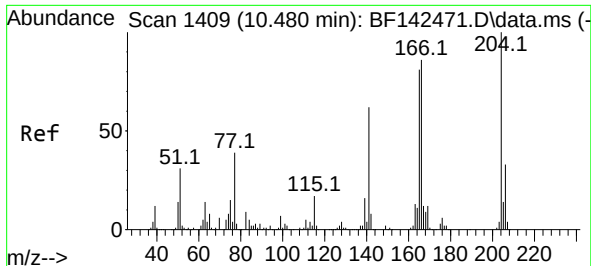


#60
Diethylphthalate
Concen: 44.174 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08



Tgt Ion:149 Resp: 623187
Ion Ratio Lower Upper
149 100
177 22.4 17.6 26.4
150 12.4 10.1 15.1

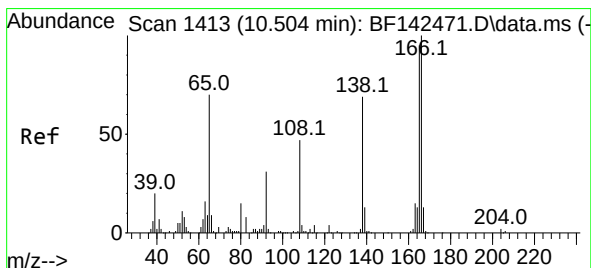
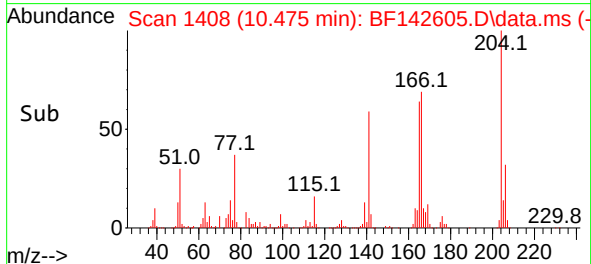
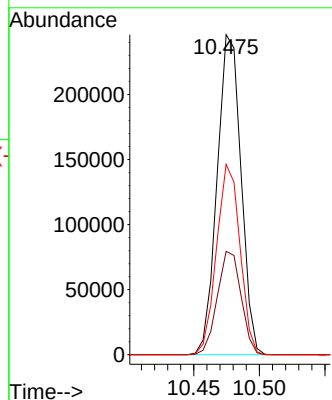
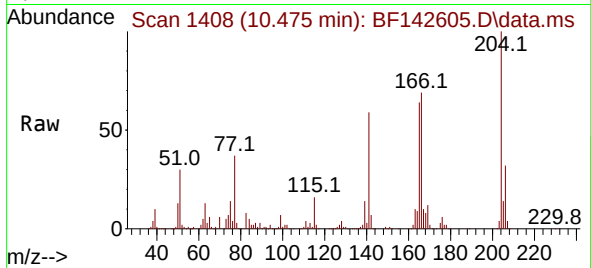




#61
4-Chlorophenyl-phenylether
Concen: 44.018 ng
RT: 10.475 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

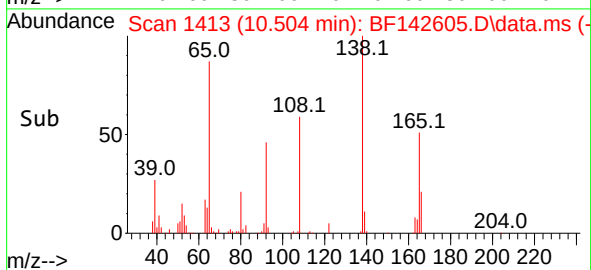
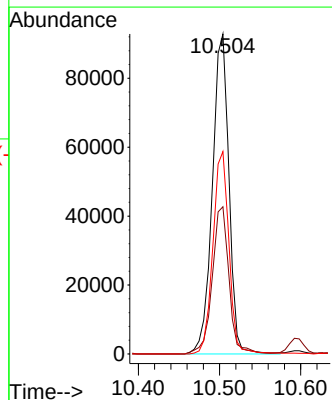
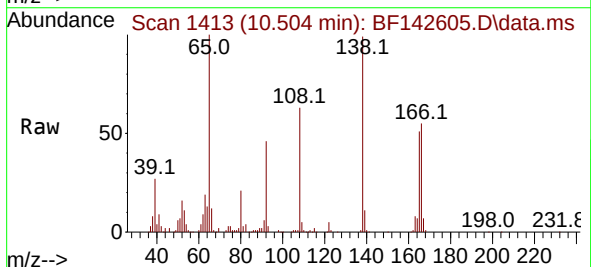
Instrument :
BNA_F
ClientSampleId :

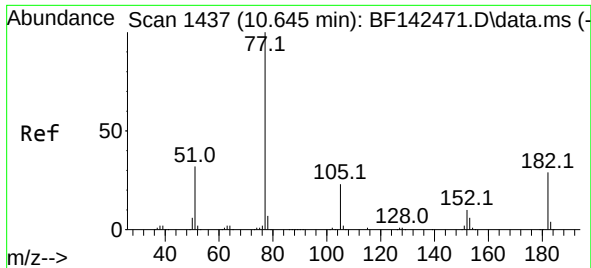
Tgt Ion:204 Resp: 311030
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 59.4 49.5 74.3



#62
4-Nitroaniline
Concen: 42.636 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:138 Resp: 131676
Ion Ratio Lower Upper
138 100
92 46.0 26.0 66.0
108 63.2 48.4 88.4

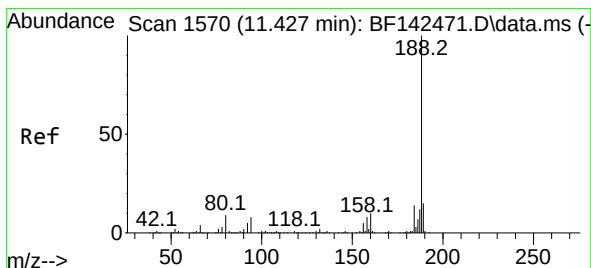
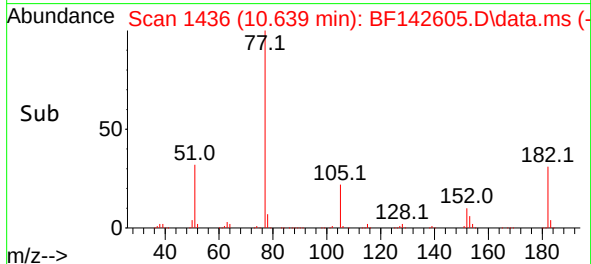
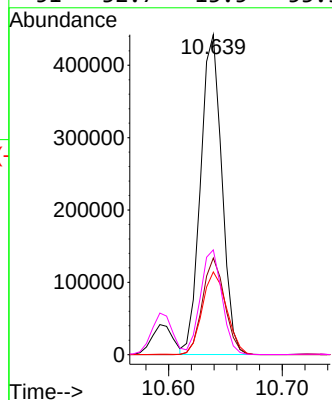
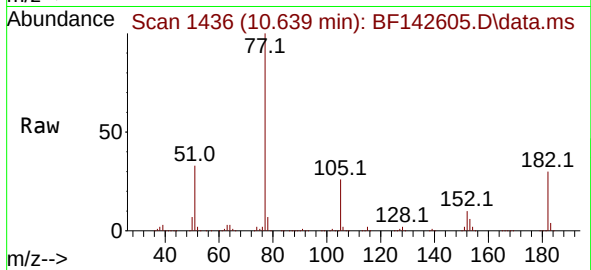




#63
Azobenzene
Concen: 45.330 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

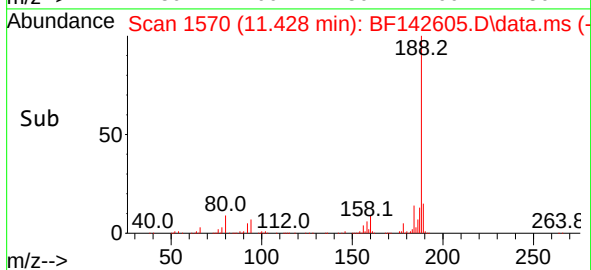
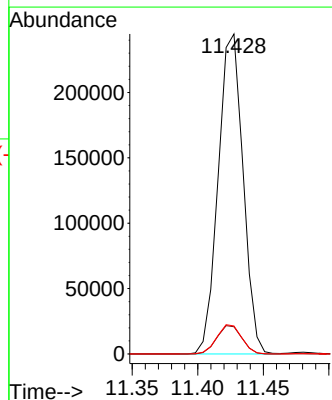
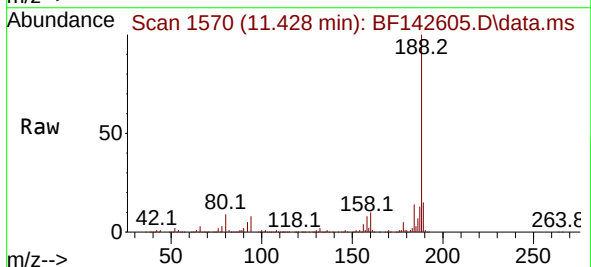
Instrument :
BNA_F
ClientSampleId :

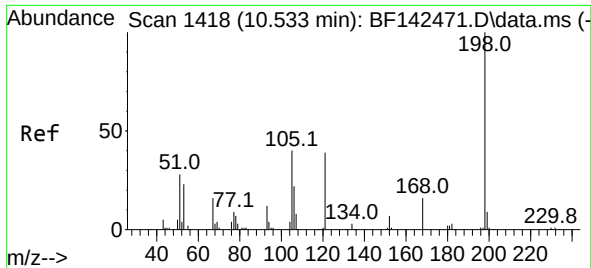
Tgt Ion: 77	Resp: 574383
Ion Ratio	Lower Upper
77 100	
182 30.2	9.0 49.0
105 25.8	2.4 42.4
51 32.7	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:188	Resp: 322457
Ion Ratio	Lower Upper
188 100	
94 8.5	6.6 10.0
80 8.7	7.4 11.0

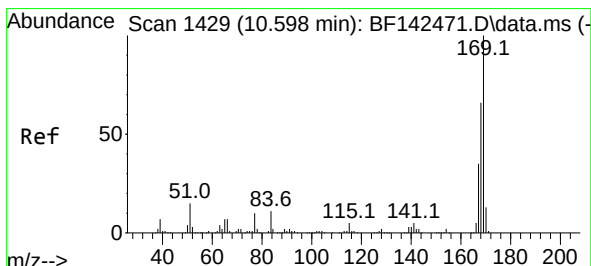
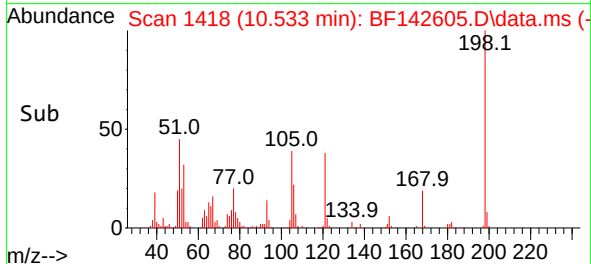
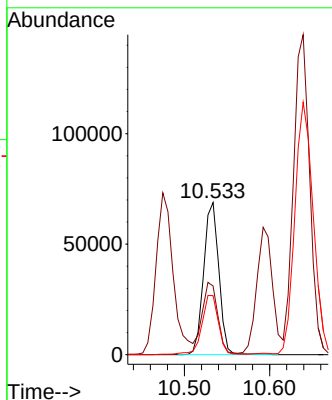
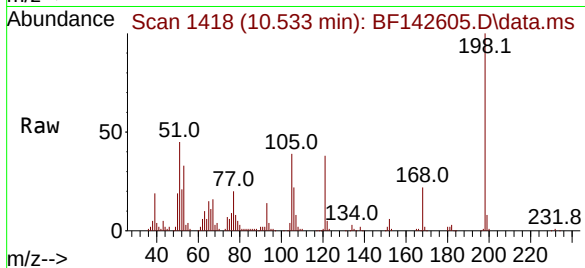




#65
4,6-Dinitro-2-methylphenol
Concen: 47.438 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

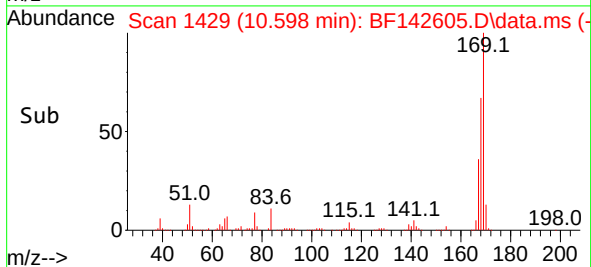
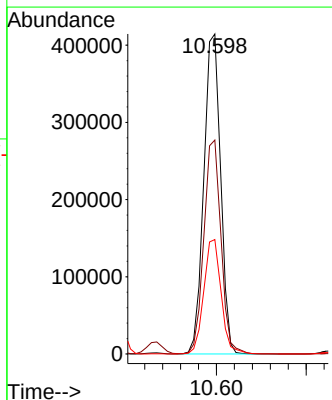
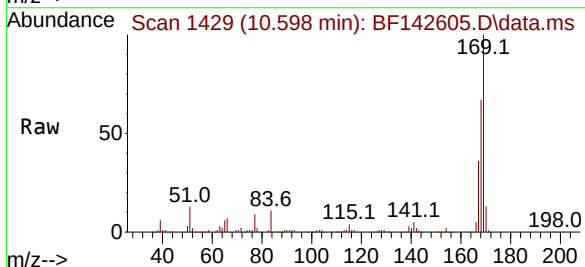
Instrument :
BNA_F
ClientSampleId :

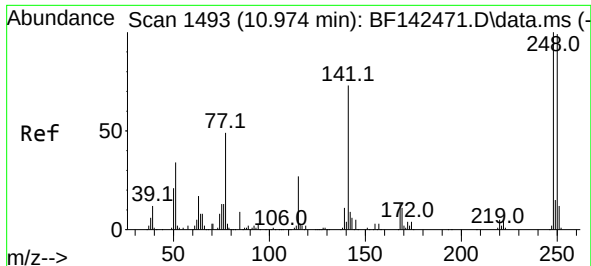
Tgt Ion:198 Resp: 85367
Ion Ratio Lower Upper
198 100
51 45.1 28.3 68.3
105 38.8 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 48.823 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

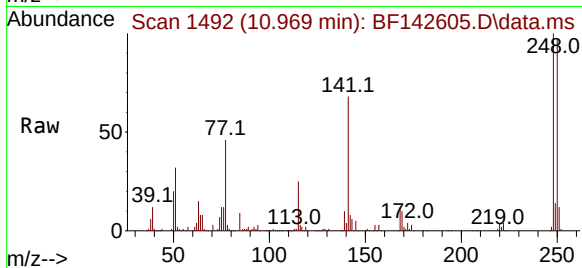
Tgt Ion:169 Resp: 538608
Ion Ratio Lower Upper
169 100
168 66.8 52.7 79.1
167 35.8 28.3 42.5



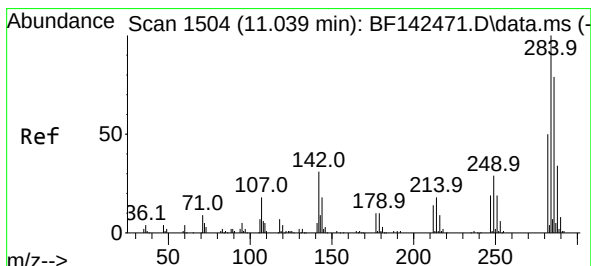
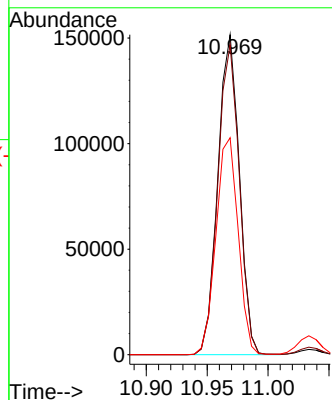
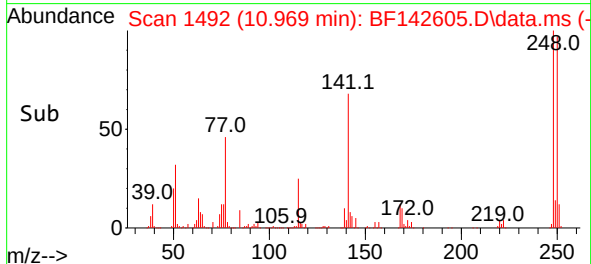


#67
4-Bromophenyl-phenylether
Concen: 48.987 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

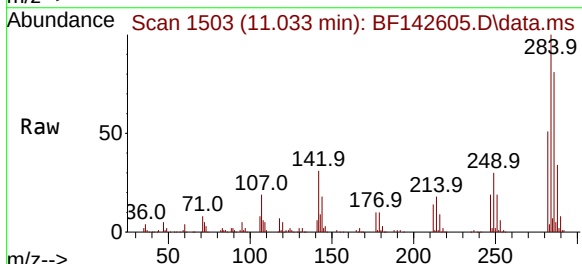
Instrument :
BNA_F
ClientSampleId :



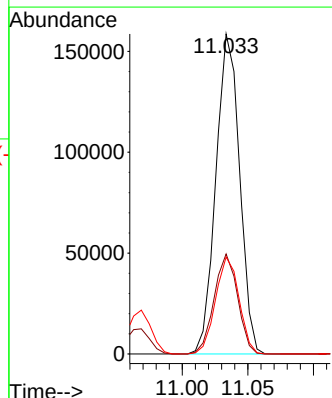
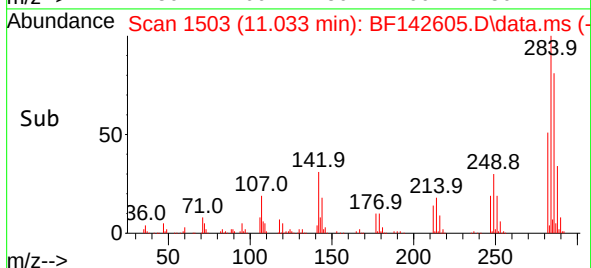
Tgt Ion:248 Resp: 186780
Ion Ratio Lower Upper
248 100
250 96.8 79.0 118.4
141 67.8 58.4 87.6

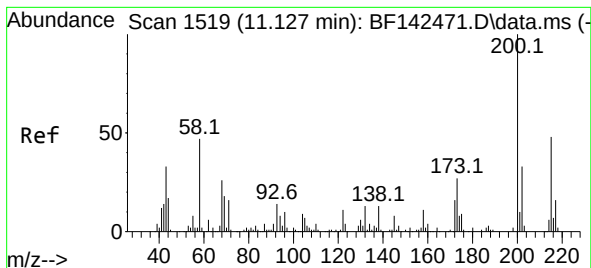


#68
Hexachlorobenzene
Concen: 47.282 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08



Tgt Ion:284 Resp: 199393
Ion Ratio Lower Upper
284 100
142 31.3 24.8 37.2
249 30.3 23.6 35.4





#69

Atrazine

Concen: 53.010 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

ClientSampleId :

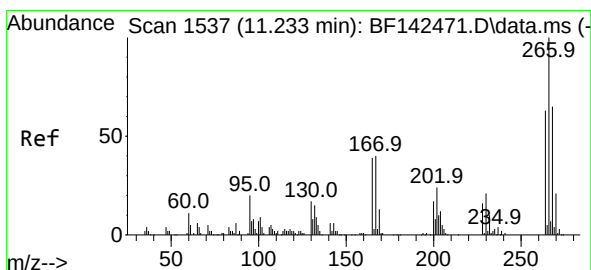
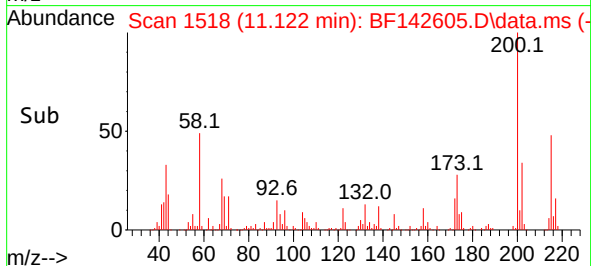
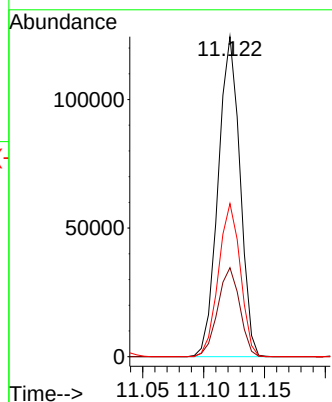
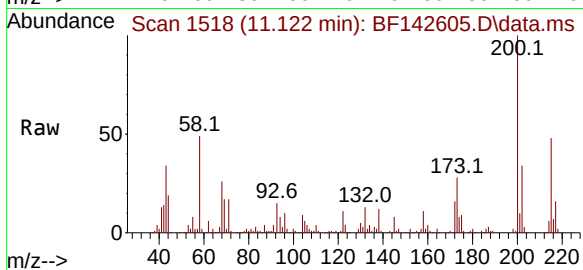
Tgt Ion:200 Resp: 155307

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 47.8 28.5 68.5



#70

Pentachlorophenol

Concen: 86.718 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

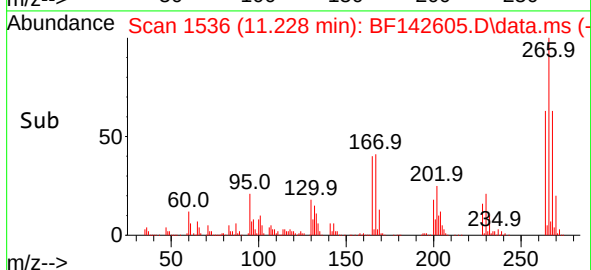
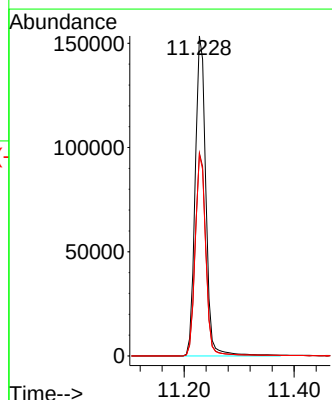
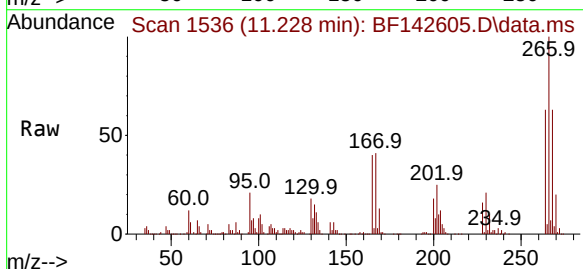
Tgt Ion:266 Resp: 206465

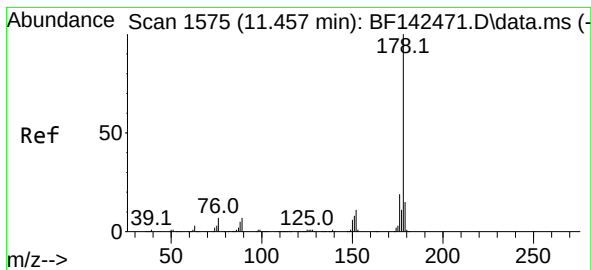
Ion Ratio Lower Upper

266 100

268 63.4 51.7 77.5

264 63.1 50.4 75.6

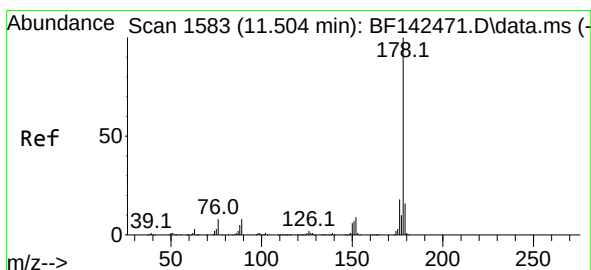
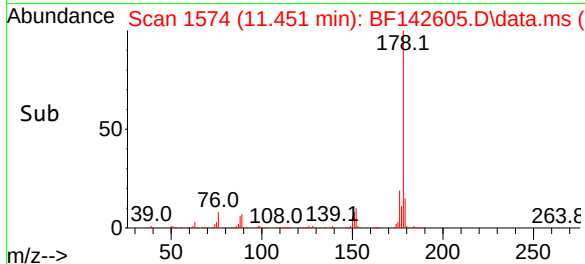
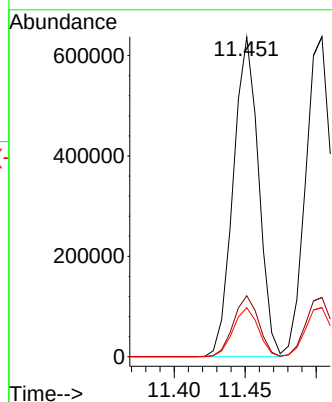
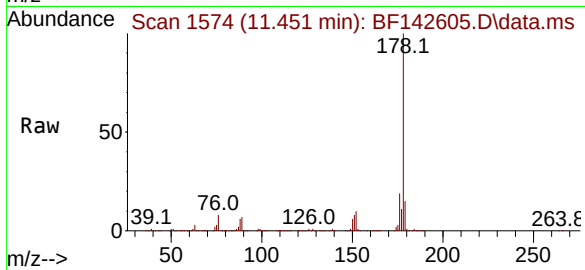




#71
Phenanthrene
Concen: 45.837 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

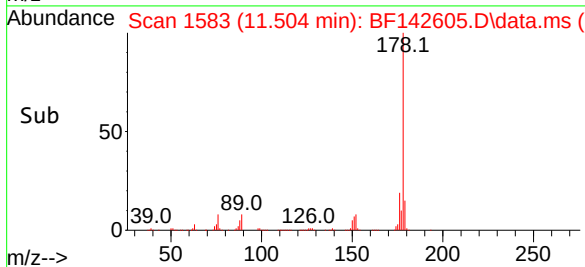
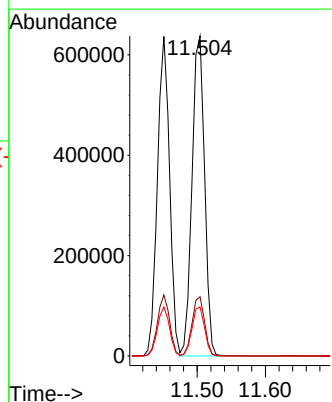
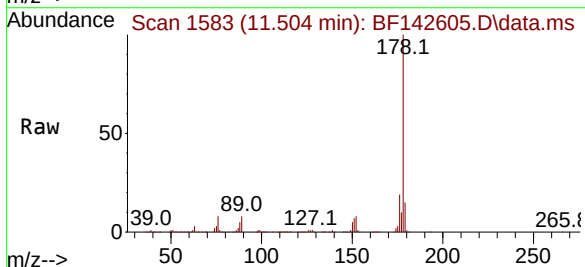
Instrument :
BNA_F
ClientSampleId :

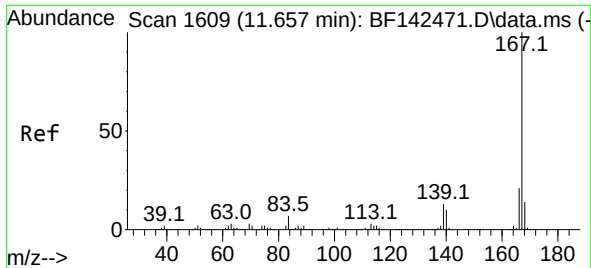
Tgt Ion:178 Resp: 789897
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.3 18.5



#72
Anthracene
Concen: 45.973 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:178 Resp: 808547
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.4 12.4 18.6



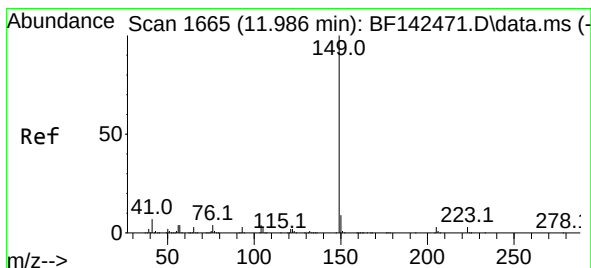
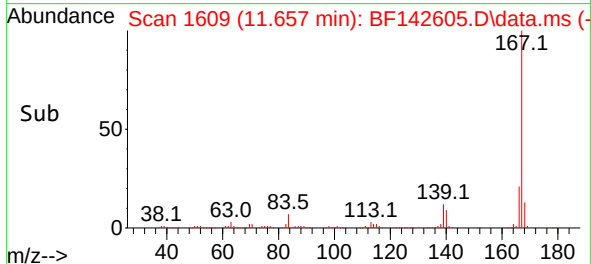
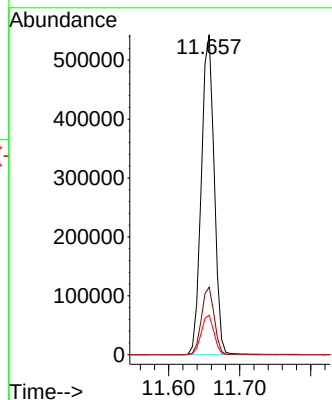
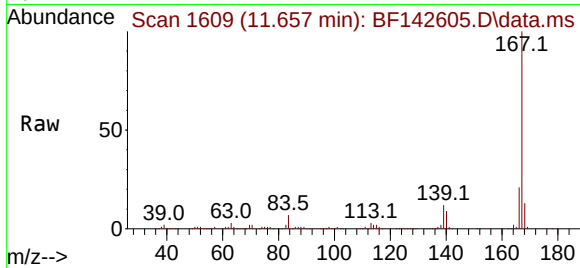


#73
 Carbazole
 Concen: 45.620 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142605.D
 Acq: 04 Jun 2025 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:167 Resp: 685918

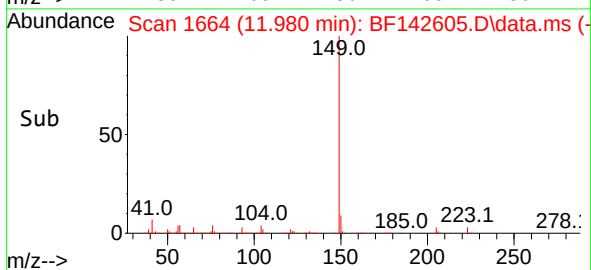
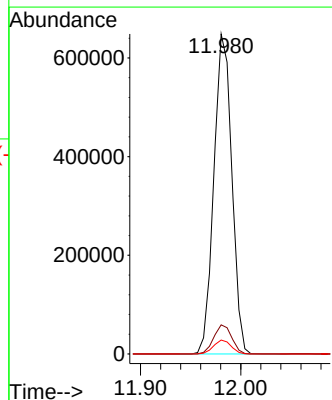
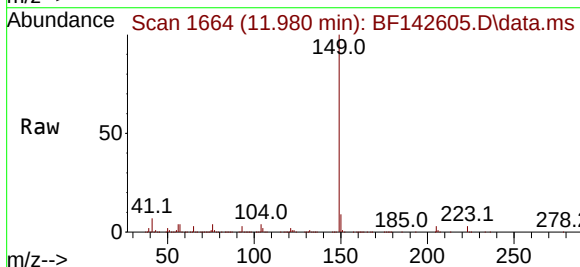
Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.9	25.3
139	12.3	10.2	15.4

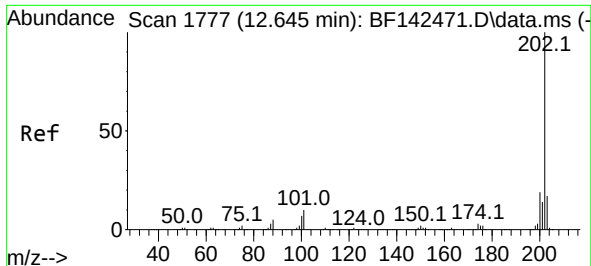


#74
 Di-n-butylphthalate
 Concen: 49.027 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF142605.D
 Acq: 04 Jun 2025 14:08

Tgt Ion:149 Resp: 806869

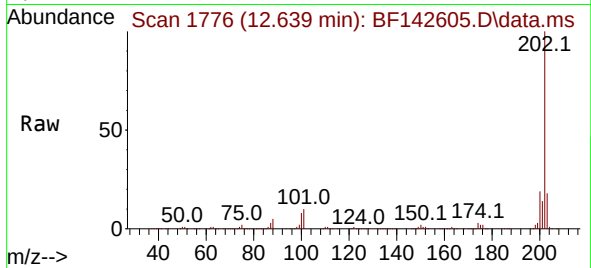
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.3	3.6	5.4



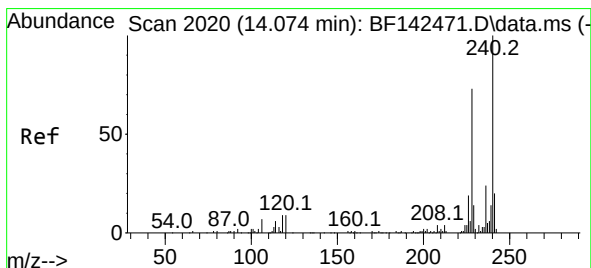
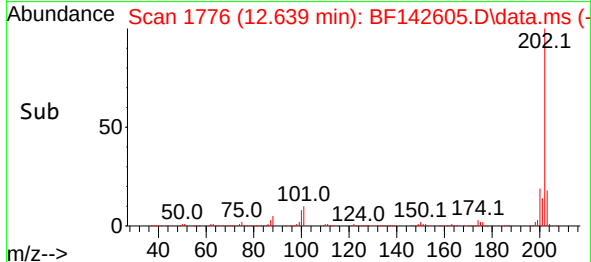
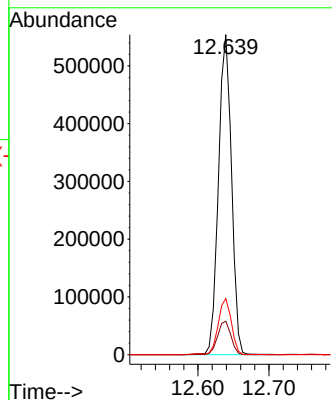


#75
Fluoranthene
Concen: 43.643 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :

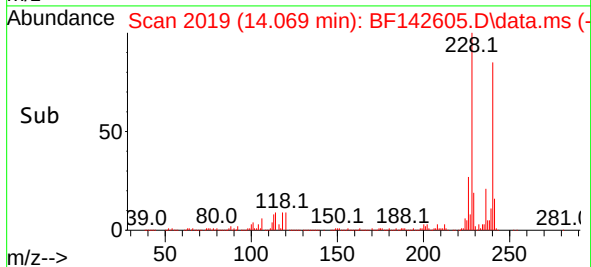
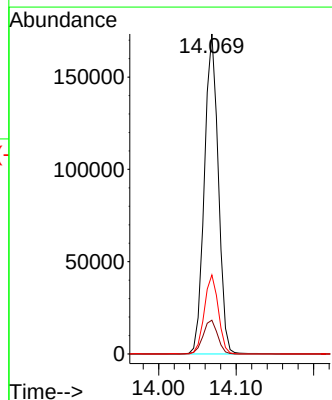
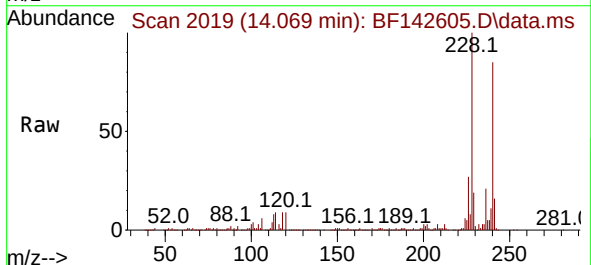


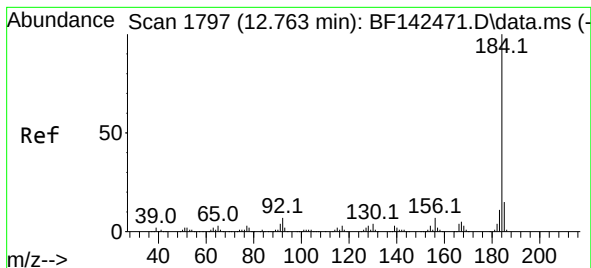
Tgt Ion:202 Resp: 702745
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.6
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:240 Resp: 216030
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 24.7 19.6 29.4





#77

Benzidine

Concen: 24.662 ng

RT: 12.757 min Scan# 1796

Delta R.T. -0.006 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

ClientSampleId :

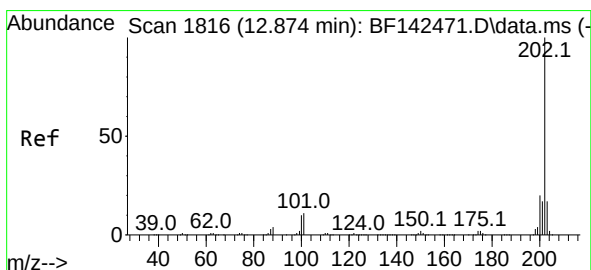
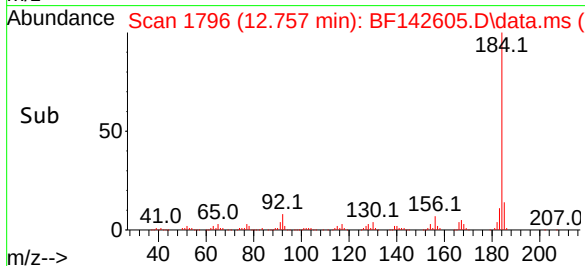
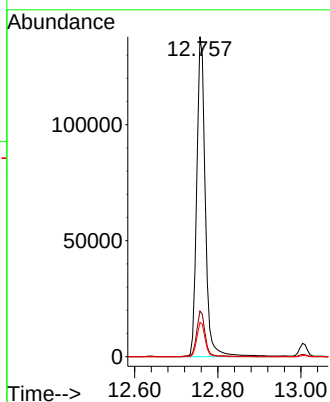
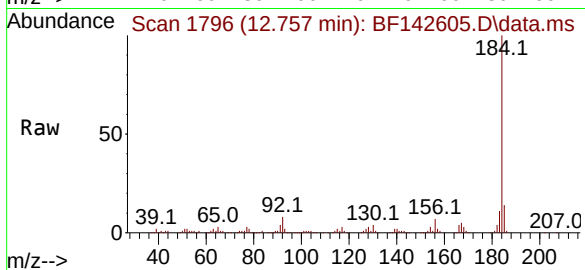
Tgt Ion:184 Resp: 198259

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 10.7 9.0 13.4



#78

Pyrene

Concen: 35.051 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

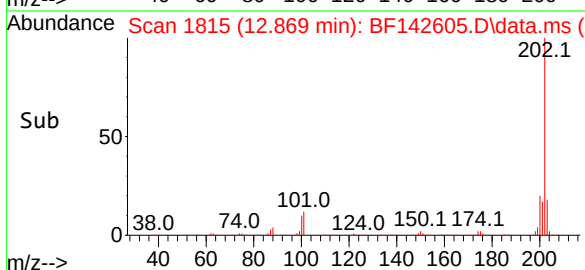
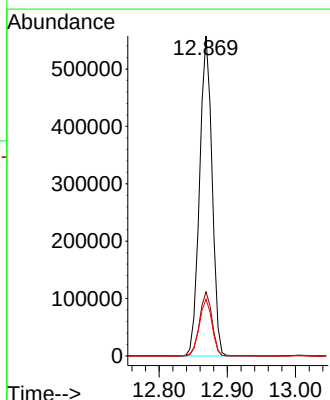
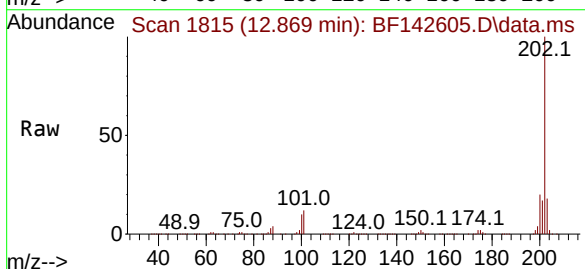
Tgt Ion:202 Resp: 706356

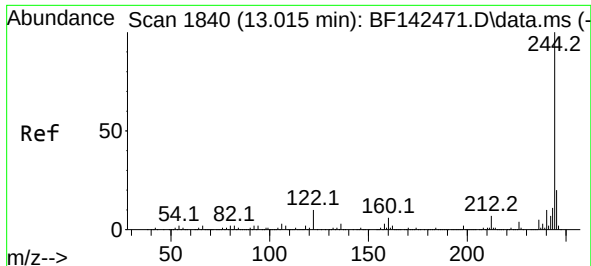
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

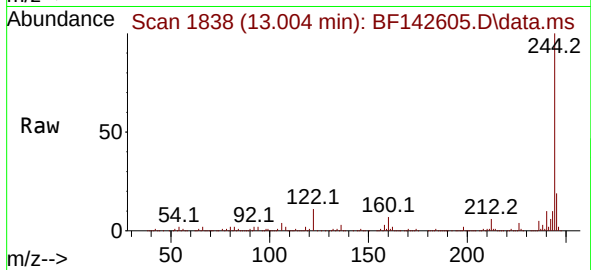
203 17.7 13.9 20.9



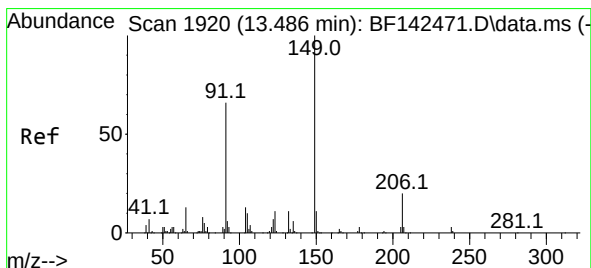
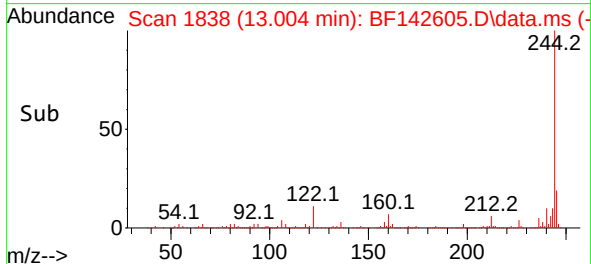
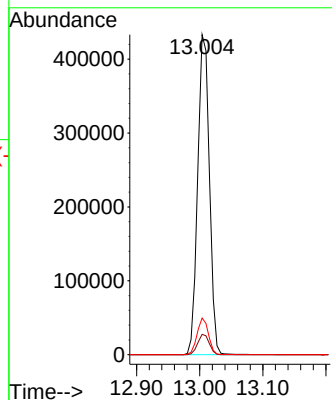


#79
 Terphenyl-d14
 Concen: 35.233 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF142605.D
 Acq: 04 Jun 2025 14:08

Instrument :
 BNA_F
 ClientSampleId :

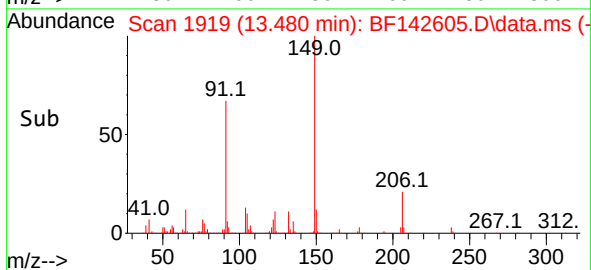
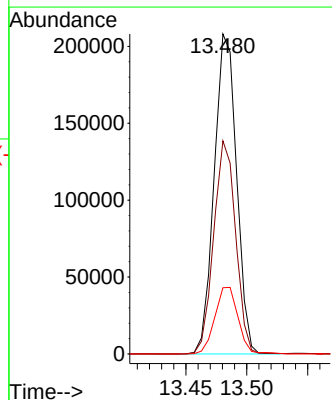
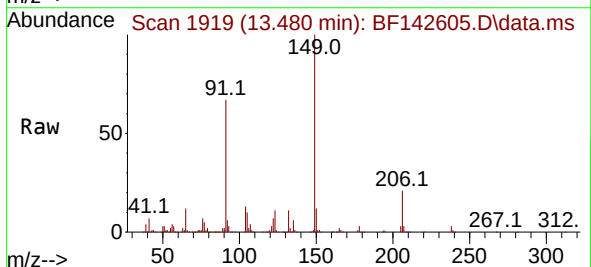


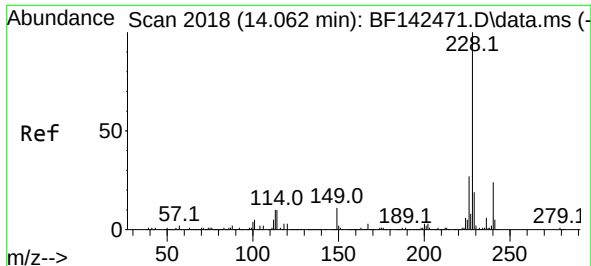
Tgt Ion:244 Resp: 556976
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 11.4 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 47.765 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF142605.D
 Acq: 04 Jun 2025 14:08

Tgt Ion:149 Resp: 265980
 Ion Ratio Lower Upper
 149 100
 91 66.6 52.9 79.3
 206 20.7 16.2 24.2

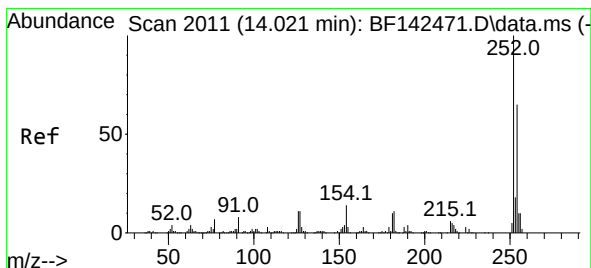
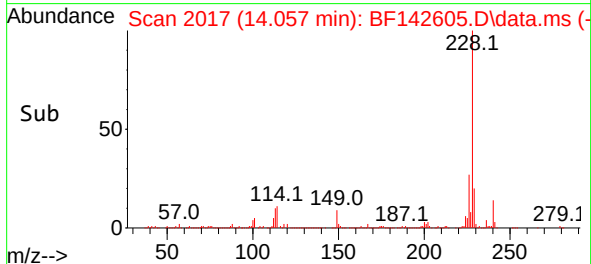
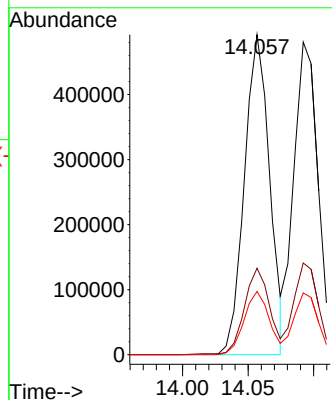
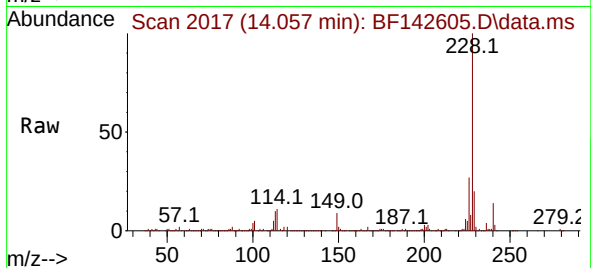




#81
Benzo(a)anthracene
Concen: 45.607 ng
RT: 14.057 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

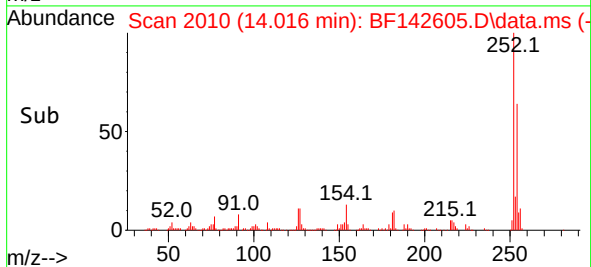
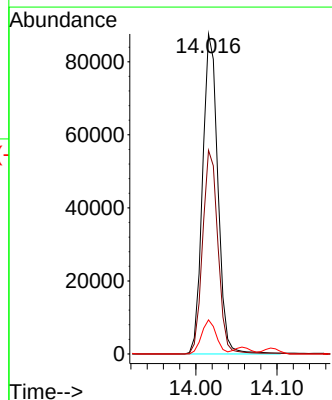
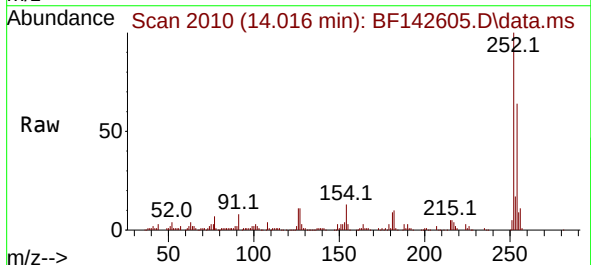
Instrument :
BNA_F
ClientSampleId :

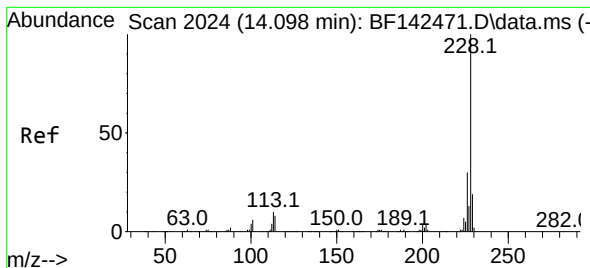
Tgt Ion:228 Resp: 657910
Ion Ratio Lower Upper
228 100
226 27.0 21.2 31.8
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 26.159 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Tgt Ion:252 Resp: 114456
Ion Ratio Lower Upper
252 100
254 63.7 52.0 78.0
126 10.6 8.9 13.3





#83

Chrysene

Concen: 47.597 ng

RT: 14.092 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

ClientSampleId :

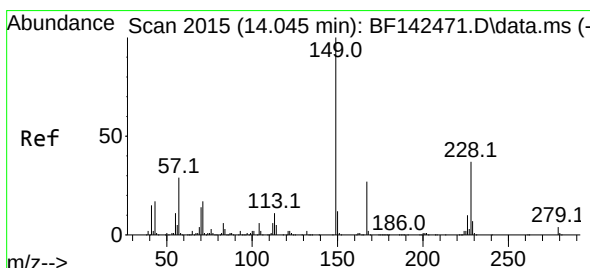
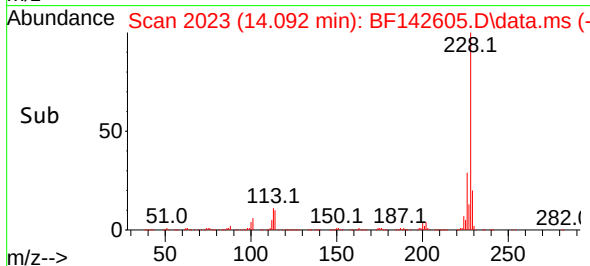
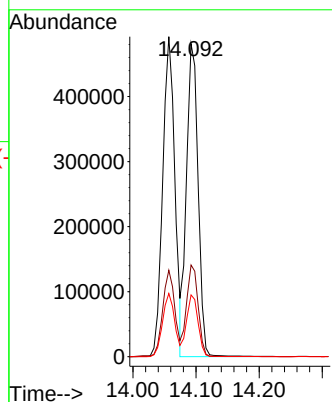
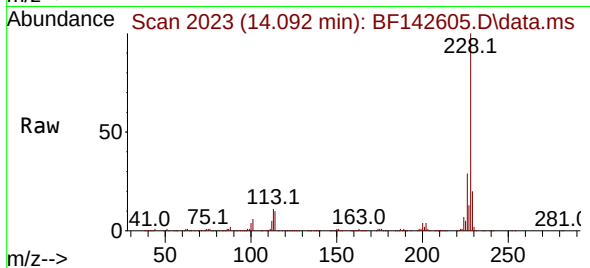
Tgt Ion:228 Resp: 616958

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.486 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

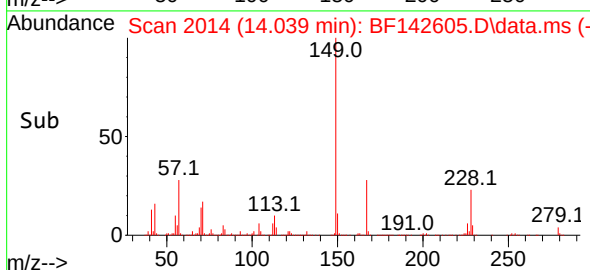
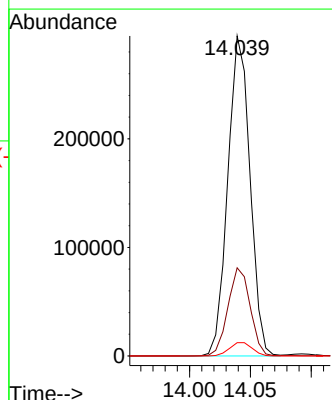
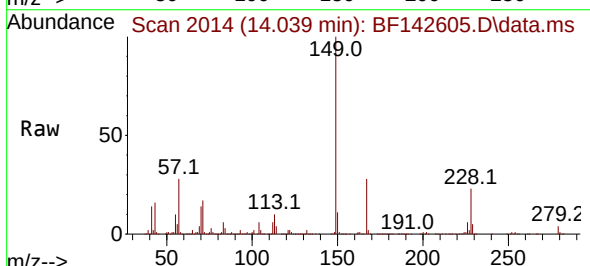
Tgt Ion:149 Resp: 374143

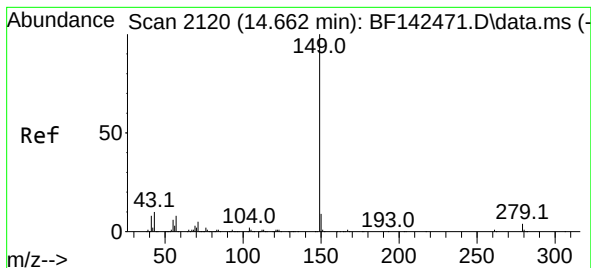
Ion Ratio Lower Upper

149 100

167 27.6 21.5 32.3

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 50.043 ng

RT: 14.657 min Scan# 2120

Delta R.T. -0.011 min

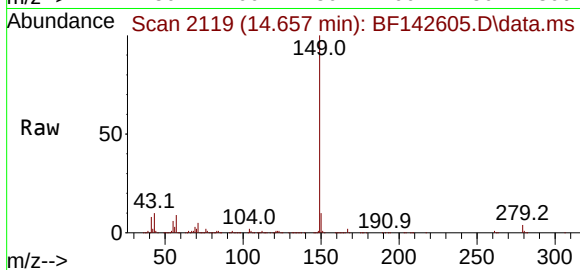
Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

Instrument :

BNA_F

ClientSampleId :



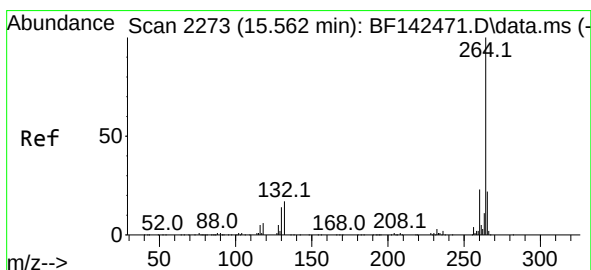
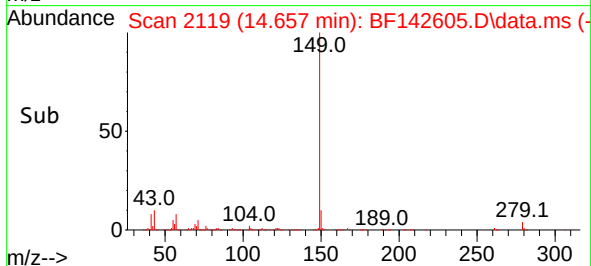
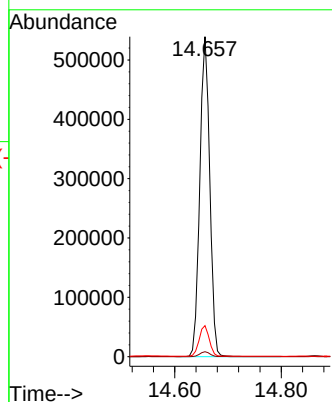
Tgt Ion:149 Resp: 697516

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.7 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142605.D

Acq: 04 Jun 2025 14:08

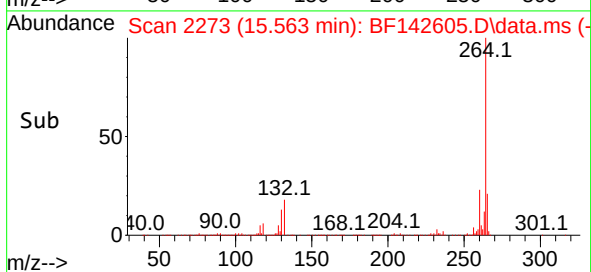
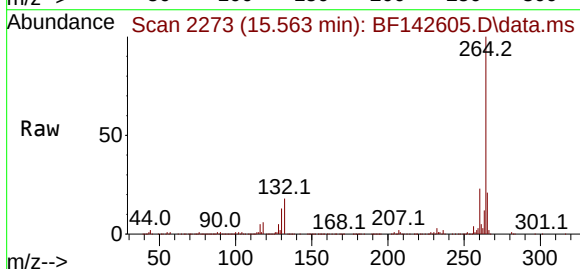
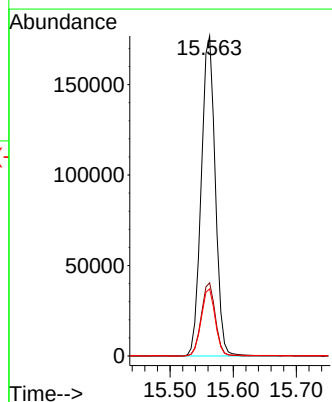
Tgt Ion:264 Resp: 272895

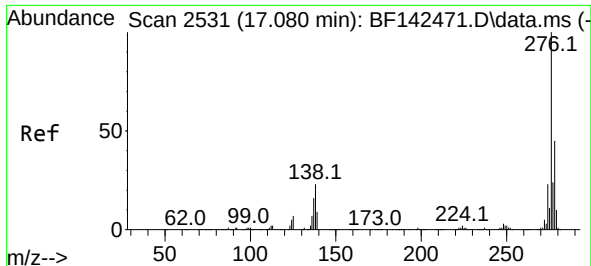
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

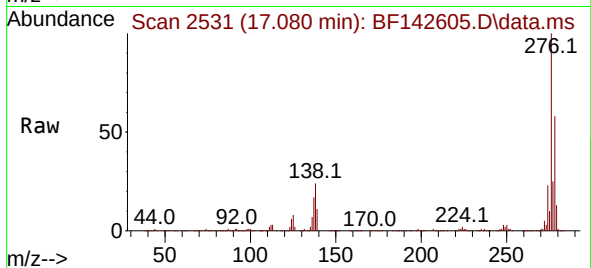
265 20.9 17.7 26.5



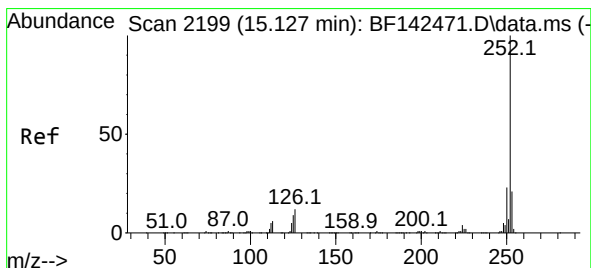
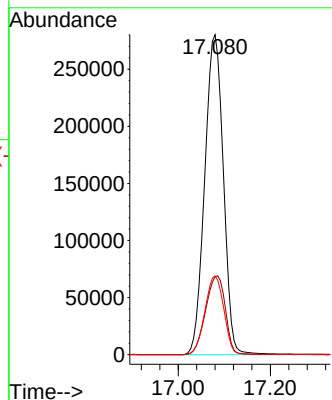
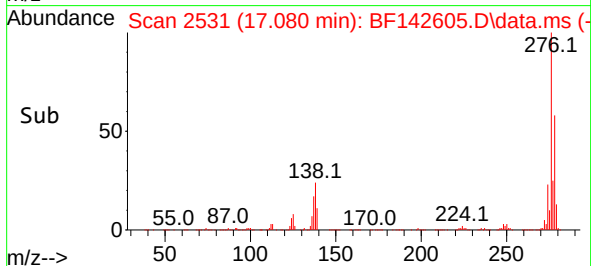


#87
Indeno(1,2,3-cd)pyrene
Concen: 38.580 ng
RT: 17.080 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

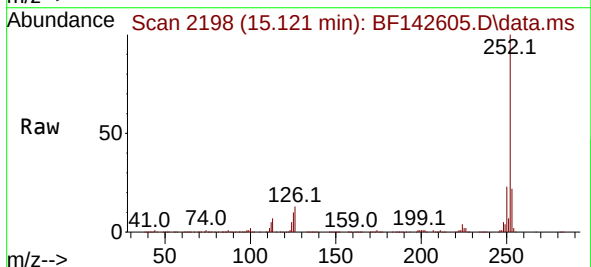
Instrument :
BNA_F
ClientSampleId :



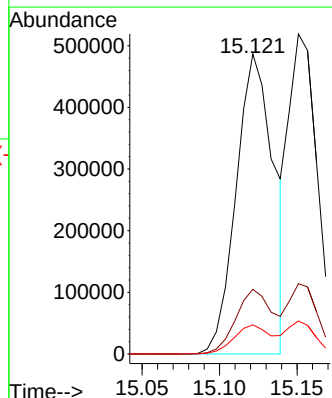
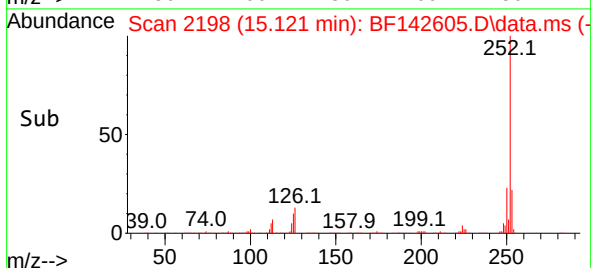
Tgt Ion:276 Resp: 790401
Ion Ratio Lower Upper
276 100
138 26.1 19.9 29.9
277 25.0 20.2 30.2

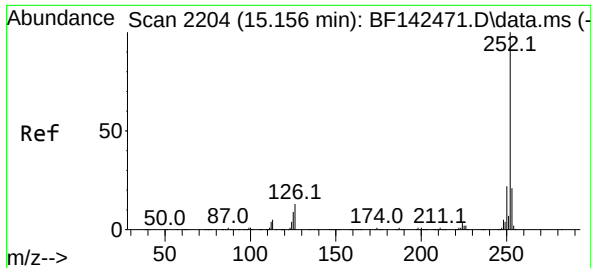


#88
Benzo(b)fluoranthene
Concen: 50.615 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08



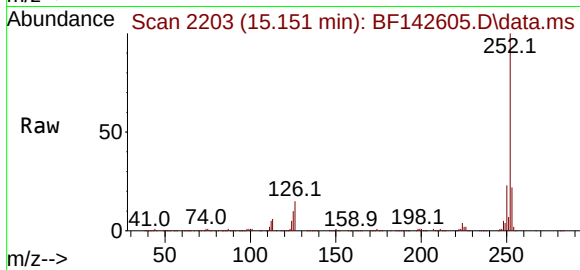
Tgt Ion:252 Resp: 817498
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 9.7 7.4 11.0



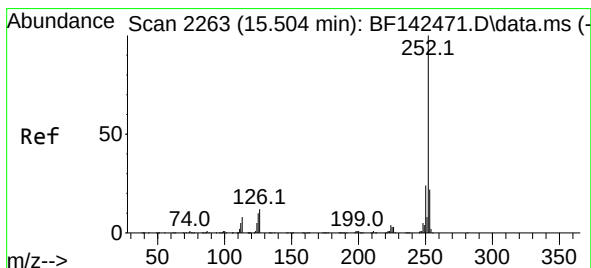
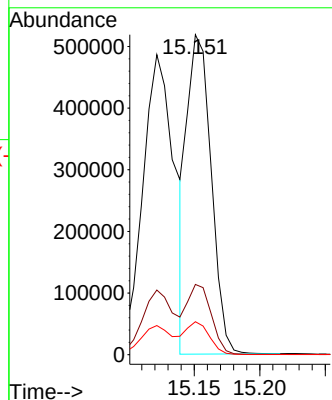
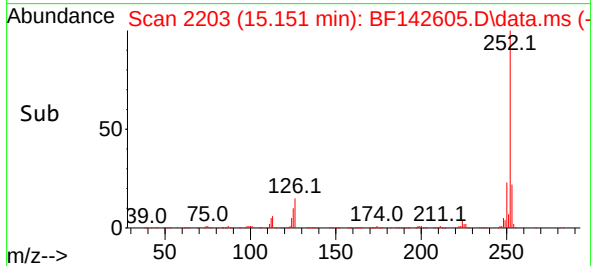


#89
Benzo(k)fluoranthene
Concen: 43.872 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

Instrument :
BNA_F
ClientSampleId :

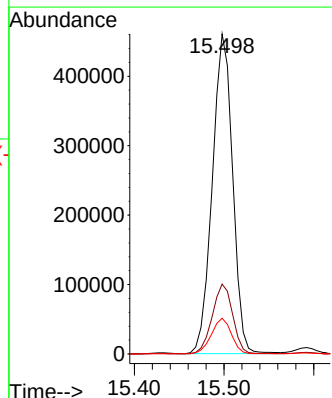
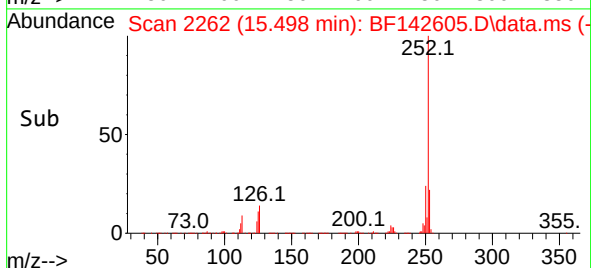
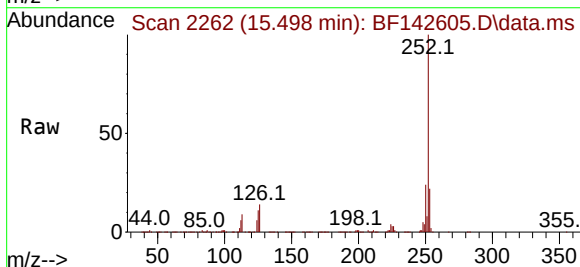


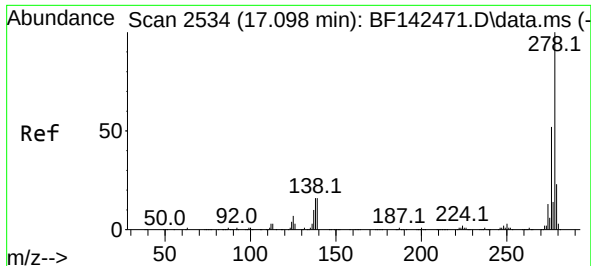
Tgt Ion:252 Resp: 663669
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 10.3 7.3 10.9



#90
Benzo(a)pyrene
Concen: 47.622 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

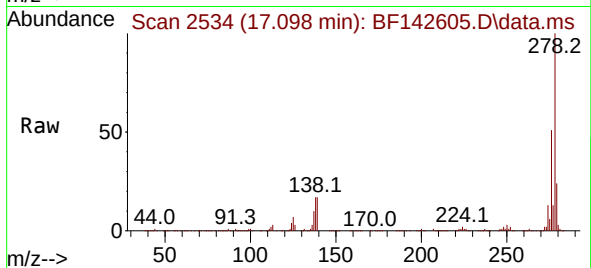
Tgt Ion:252 Resp: 725008
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 11.1 7.9 11.9



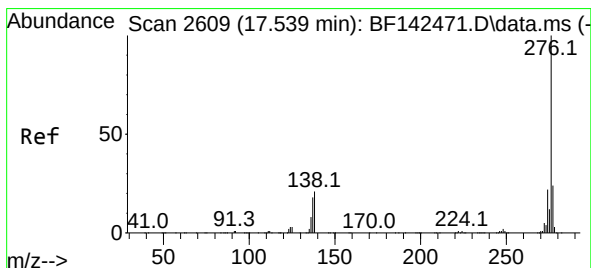
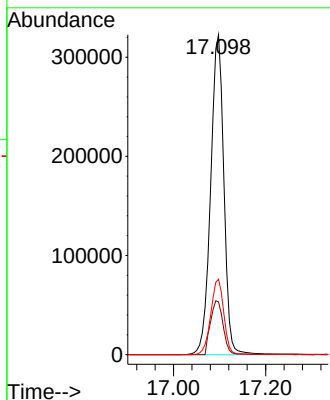
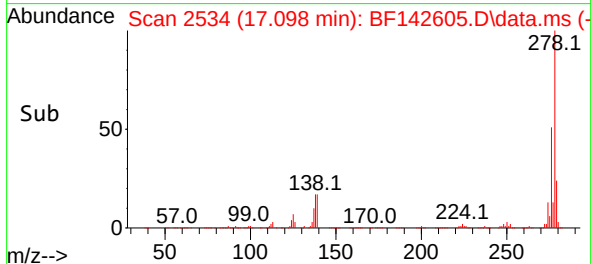


#91
Dibenzo(a,h)anthracene
Concen: 38.743 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08

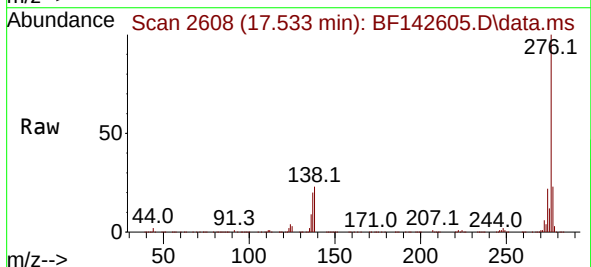
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 643765
Ion Ratio Lower Upper
278 100
139 16.5 12.8 19.2
279 23.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 35.868 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142605.D
Acq: 04 Jun 2025 14:08



Tgt Ion:276 Resp: 596123
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 23.3 16.8 25.2

