

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142638.D
 Acq On : 05 Jun 2025 17:18
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 02:46:56 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	123637	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	475073	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	234406	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	337511	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	199562	20.000	ng	0.00
86) Perylene-d12	15.562	264	263837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	569139	77.554	ng	0.00
7) Phenol-d6	6.522	99	672531	76.131	ng	-0.01
23) Nitrobenzene-d5	7.463	82	650350	74.647	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	180315	69.309	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1315862	75.327	ng	-0.01
79) Terphenyl-d14	13.010	244	884860	60.593	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	114982	39.155	ng	99
3) Pyridine	3.428	79	298365	39.898	ng	99
4) n-Nitrosodimethylamine	3.381	42	144738	37.277	ng	91
6) Aniline	6.557	93	451940	38.049	ng	99
8) 2-Chlorophenol	6.681	128	309260	38.690	ng	99
9) Benzaldehyde	6.445	77	193672	36.451	ng	99
10) Phenol	6.539	94	377468	37.975	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	278675	38.947	ng	99
12) 1,3-Dichlorobenzene	6.839	146	344058	38.574	ng	98
13) 1,4-Dichlorobenzene	6.916	146	345471	38.452	ng	98
14) 1,2-Dichlorobenzene	7.069	146	327765	38.125	ng	99
15) Benzyl Alcohol	7.034	79	245685	37.634	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	457775	38.097	ng	98
17) 2-Methylphenol	7.145	107	236833	37.950	ng	99
18) Hexachloroethane	7.410	117	122169	38.941	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	197198	36.019	ng	97
20) 3+4-Methylphenols	7.298	107	290212	36.314	ng	93
22) Acetophenone	7.304	105	384717	36.582	ng	97
24) Nitrobenzene	7.481	77	295278	37.578	ng	99
25) Isophorone	7.716	82	523225	35.920	ng	99
26) 2-Nitrophenol	7.798	139	169573	40.387	ng	94
27) 2,4-Dimethylphenol	7.834	122	278746	37.646	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	342706	37.663	ng	98
29) 2,4-Dichlorophenol	8.039	162	254539	37.801	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	277781	38.011	ng	98
31) Naphthalene	8.204	128	869798	37.183	ng	100
32) Benzoic acid	7.939	122	160789	35.674	ng	94
33) 4-Chloroaniline	8.251	127	349777	36.901	ng	99
34) Hexachlorobutadiene	8.316	225	169078	37.054	ng	98
35) Caprolactam	8.616	113	59558	31.492	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	239676	34.731	ng	95
37) 2-Methylnaphthalene	8.892	142	537544	36.526	ng	100
38) 1-Methylnaphthalene	8.992	142	552144	36.271	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	275458	40.937	ng	100
41) Hexachlorocyclopentadiene	9.045	237	169346	37.308	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	179925	39.654	ng	98

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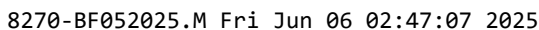
Instrument :
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Quant Time: Jun 06 02:46:56 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	184645	38.586	ng	98
46) 1,1'-Biphenyl	9.357	154	714916	39.312	ng	99
47) 2-Chloronaphthalene	9.386	162	534724	39.797	ng	98
48) 2-Nitroaniline	9.475	65	147654	38.019	ng	99
49) Acenaphthylene	9.798	152	870545	38.370	ng	100
50) Dimethylphthalate	9.657	163	546555	35.337	ng	100
51) 2,6-Dinitrotoluene	9.722	165	123741	37.068	ng	93
52) Acenaphthene	9.975	154	524031	37.825	ng	99
53) 3-Nitroaniline	9.886	138	130951	35.915	ng	98
54) 2,4-Dinitrophenol	9.992	184	60243	34.930	ng	89
55) Dibenzofuran	10.145	168	744164	37.328	ng	97
56) 4-Nitrophenol	10.045	139	85560	31.803	ng	96
57) 2,4-Dinitrotoluene	10.122	165	155114	35.580	ng	99
58) Fluorene	10.486	166	565085	36.690	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	144621	36.202	ng	98
60) Diethylphthalate	10.357	149	502597	33.272	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	275897	36.466	ng	98
62) 4-Nitroaniline	10.498	138	110858	33.524	ng	96
63) Azobenzene	10.639	77	482968	35.597	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	78254	41.546	ng	94
66) n-Nitrosodiphenylamine	10.592	169	476408	41.258	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	163194	40.892	ng	98
68) Hexachlorobenzene	11.033	284	176625	40.015	ng	98
69) Atrazine	11.116	200	103459	33.738	ng	99
70) Pentachlorophenol	11.227	266	89769	36.022	ng	99
71) Phenanthrene	11.451	178	699622	38.788	ng	100
72) Anthracene	11.504	178	705565	38.328	ng	100
73) Carbazole	11.657	167	568647	36.134	ng	99
74) Di-n-butylphthalate	11.980	149	571448	33.174	ng	99
75) Fluoranthene	12.639	202	592052	35.128	ng	99
77) Benzidine	12.757	184	277137	37.318	ng	99
78) Pyrene	12.868	202	575935	30.937	ng	100
80) Butylbenzylphthalate	13.480	149	219348	42.642	ng	100
81) Benzo(a)anthracene	14.057	228	496861	37.286	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	195924	48.474	ng	99
83) Chrysene	14.092	228	454695	37.973	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	356667	54.163	ng	99
85) Di-n-octyl phthalate	14.657	149	656779	51.009	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	691172	34.895	ng	99
88) Benzo(b)fluoranthene	15.121	252	566833	36.300	ng	98
89) Benzo(k)fluoranthene	15.151	252	551811	37.730	ng	98
90) Benzo(a)pyrene	15.498	252	559985	38.046	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	561607	34.959	ng	98
92) Benzo(g,h,i)perylene	17.533	276	559018	34.791	ng	98

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

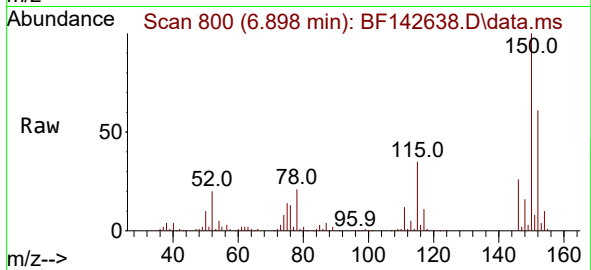
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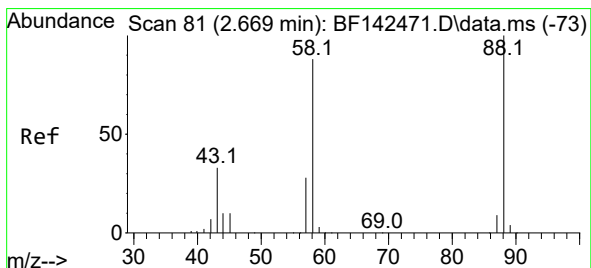
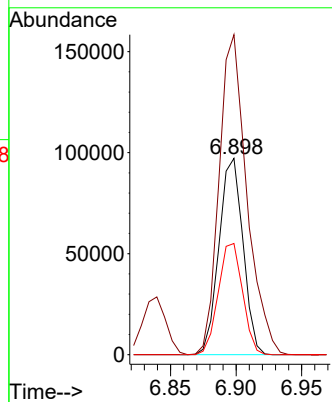
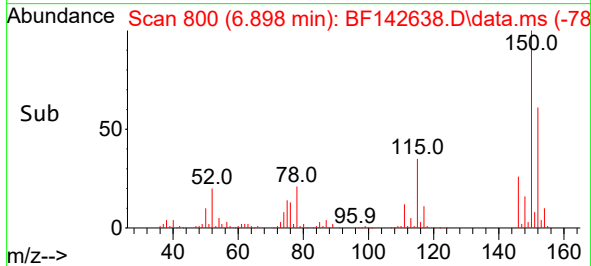


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

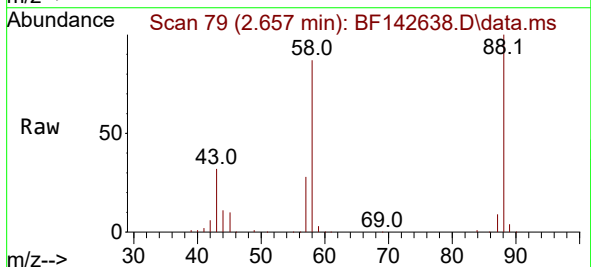
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BNA_F
ClientSampleId :



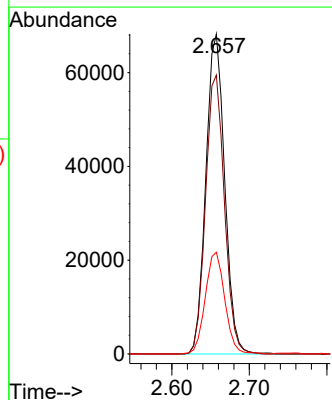
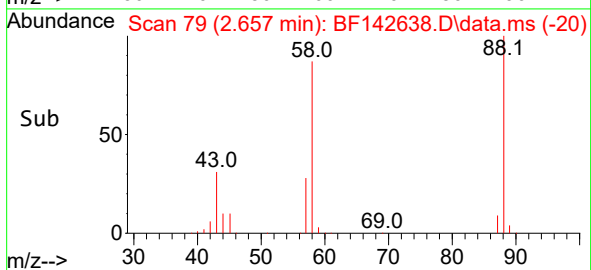
Tgt Ion:152 Resp: 123637
Ion Ratio Lower Upper
152 100
150 163.0 128.2 192.4
115 56.7 48.3 72.5

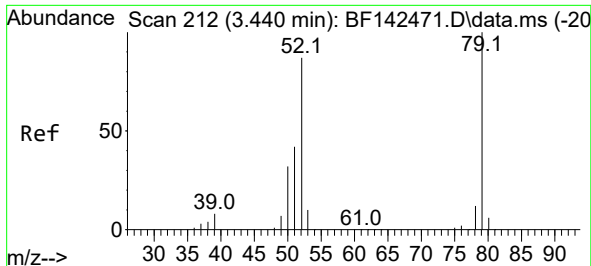


#2
1,4-Dioxane
Concen: 39.155 ng
RT: 2.657 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18



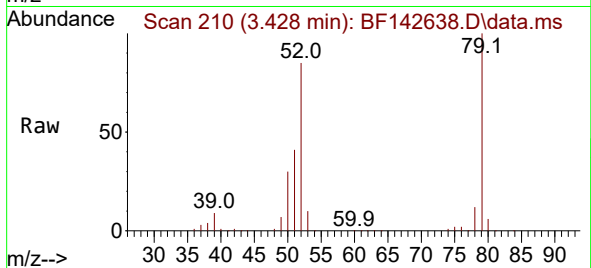
Tgt Ion: 88 Resp: 114982
Ion Ratio Lower Upper
88 100
58 87.6 70.8 106.2
43 33.0 26.6 40.0



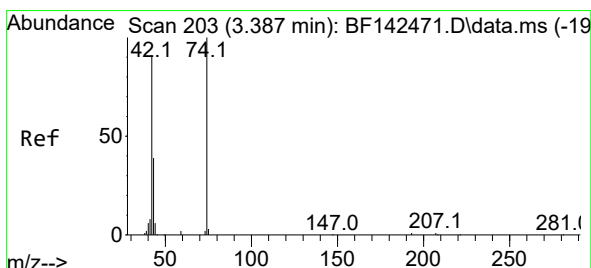
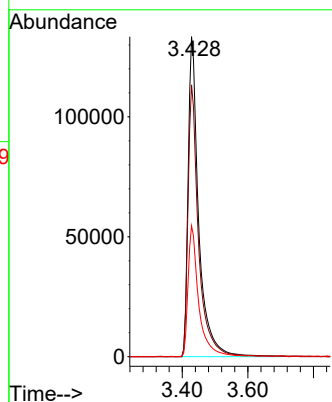
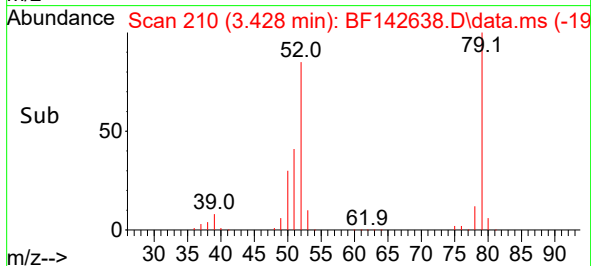


#3
Pyridine
Concen: 39.898 ng
RT: 3.428 min Scan# 212
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

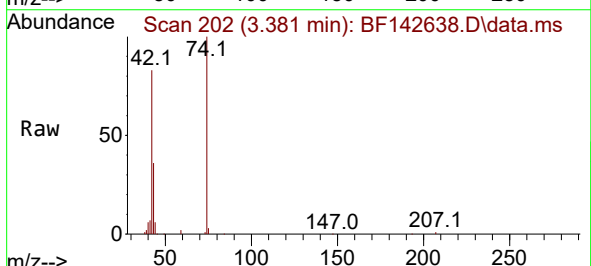
Instrument :
BNA_F
ClientSampleId :



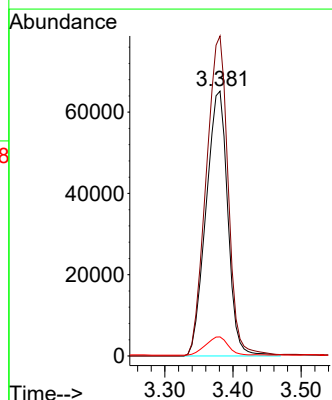
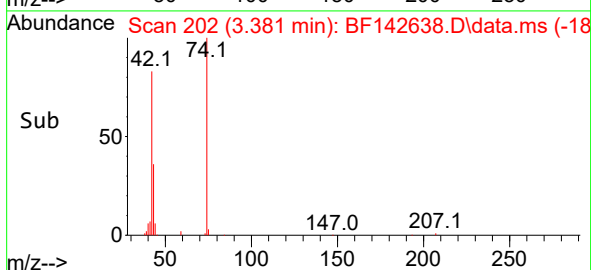
Tgt Ion: 79 Resp: 298365
Ion Ratio Lower Upper
79 100
52 85.0 69.2 103.8
51 40.9 33.3 49.9

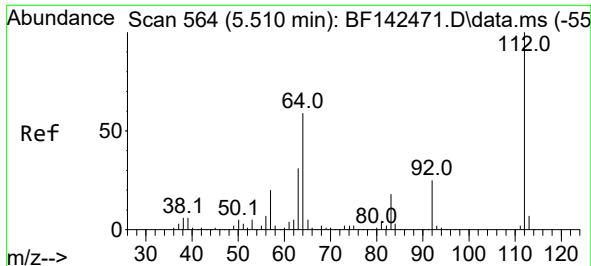


#4
n-Nitrosodimethylamine
Concen: 37.277 ng
RT: 3.381 min Scan# 202
Delta R.T. -0.023 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18



Tgt Ion: 42 Resp: 144738
Ion Ratio Lower Upper
42 100
74 120.9 88.2 132.4
44 7.2 5.4 8.2

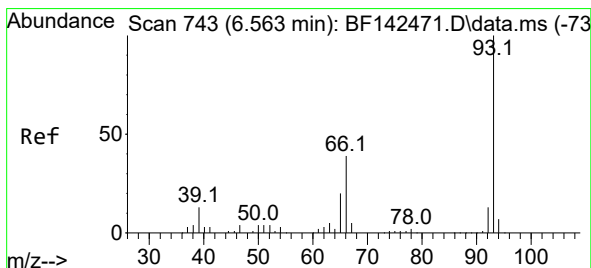
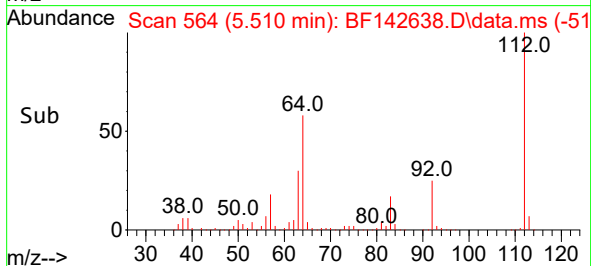
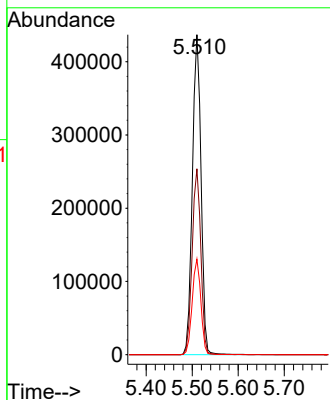
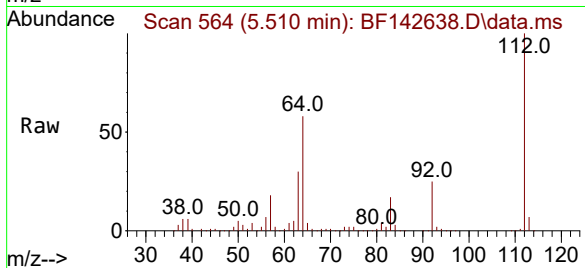




#5
2-Fluorophenol
Concen: 77.554 ng
RT: 5.510 min Scan# 510
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

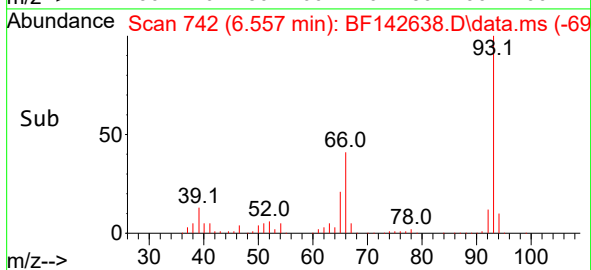
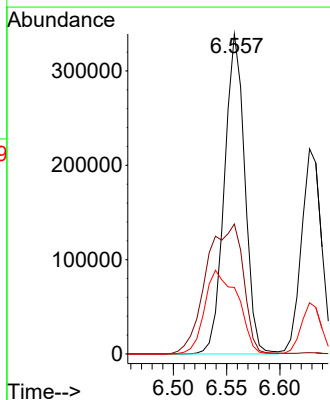
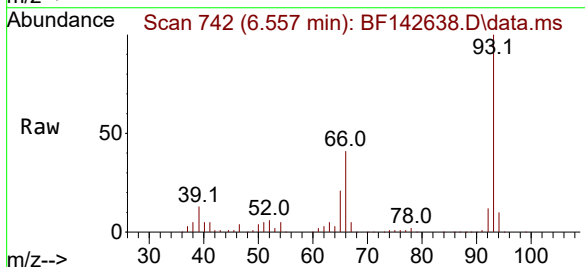
Instrument :
BNA_F
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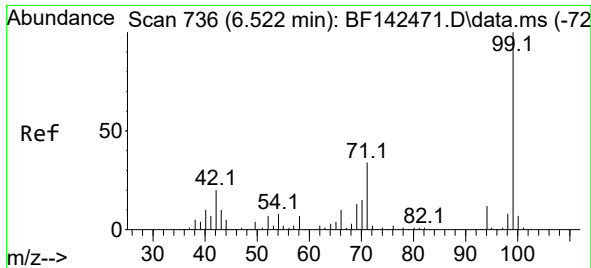
Tgt Ion:112 Resp: 569139
Ion Ratio Lower Upper
112 100
64 58.1 47.5 71.3
63 29.8 24.9 37.3



#6
Aniline
Concen: 38.049 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion: 93 Resp: 451940
Ion Ratio Lower Upper
93 100
66 40.6 32.0 48.0
65 20.8 16.1 24.1

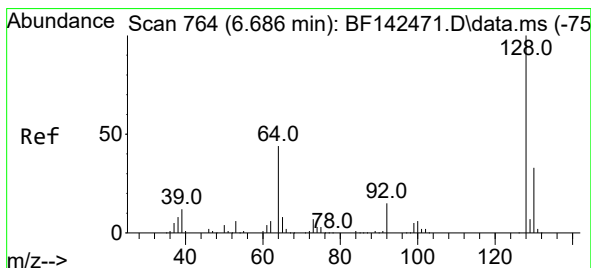
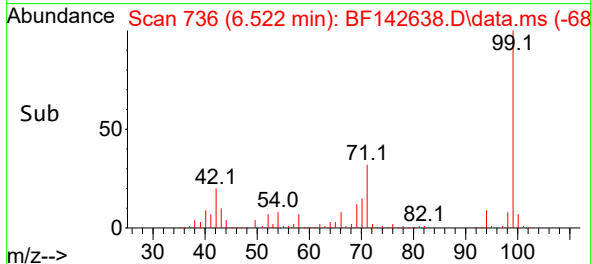
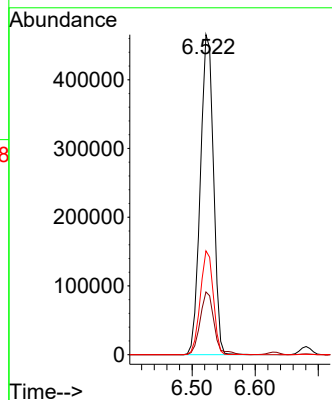
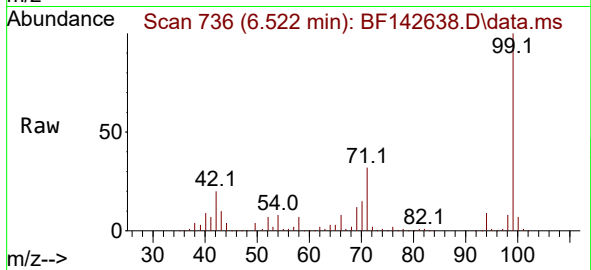




#7
Phenol-d6
Concen: 76.131 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

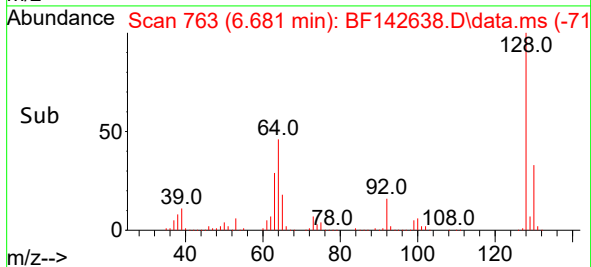
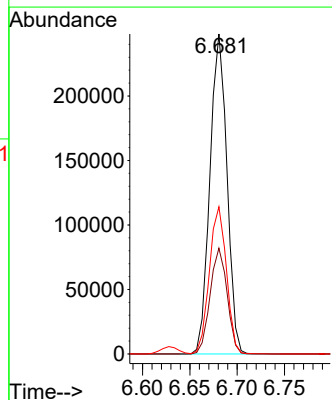
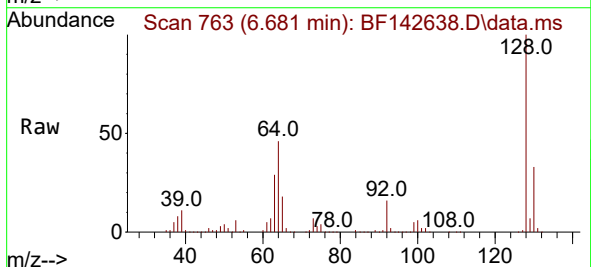
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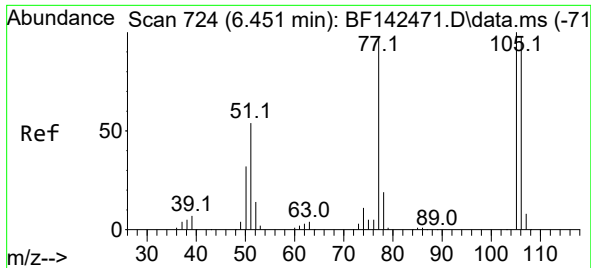
Tgt Ion: 99 Resp: 672531
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 32.4 27.3 40.9



#8
2-Chlorophenol
Concen: 38.690 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:128 Resp: 309260
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 46.0 25.1 65.1





#9

Benzaldehyde

Concen: 36.451 ng

RT: 6.445 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :

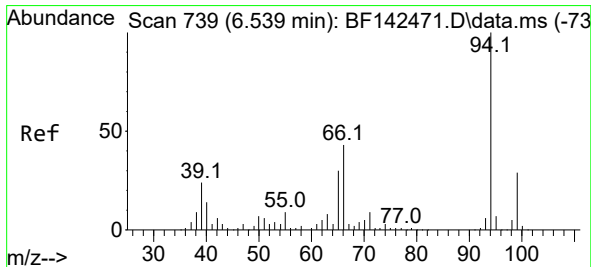
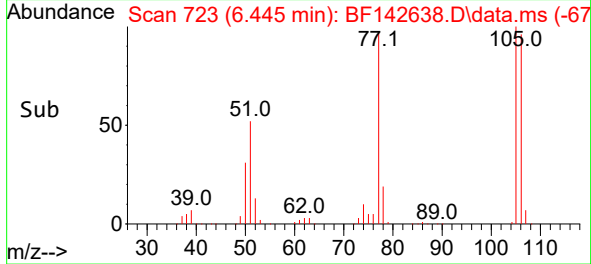
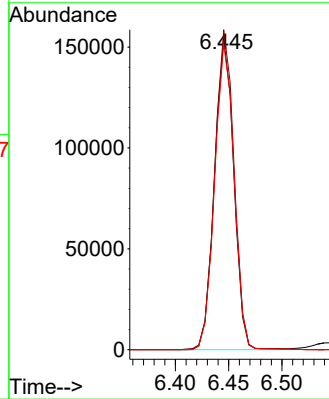
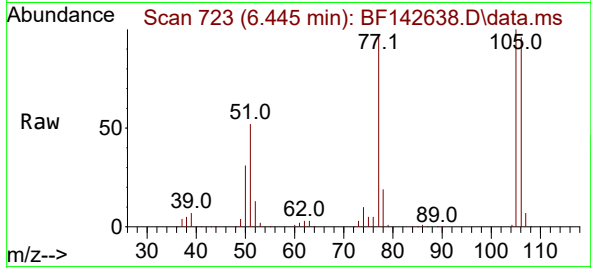
Tgt Ion: 77 Resp: 193672

Ion Ratio Lower Upper

77 100

105 102.8 82.5 122.5

106 98.2 80.0 120.0



#10

Phenol

Concen: 37.975 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

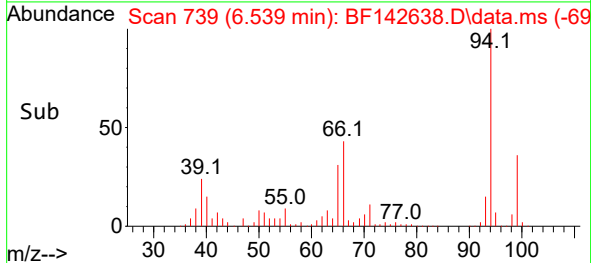
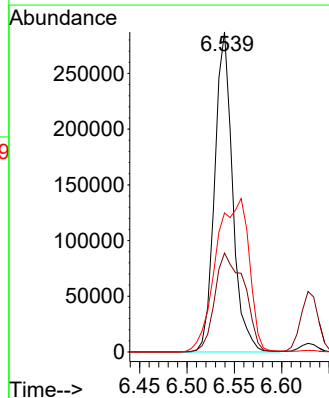
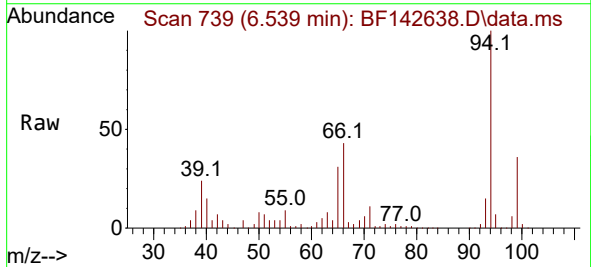
Tgt Ion: 94 Resp: 377468

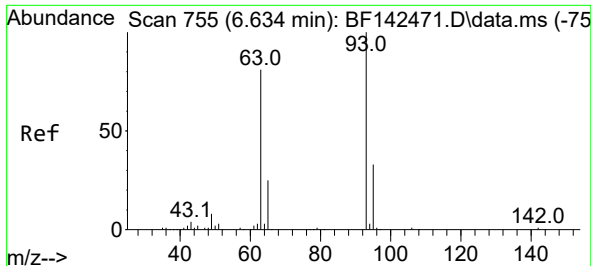
Ion Ratio Lower Upper

94 100

65 30.9 10.3 50.3

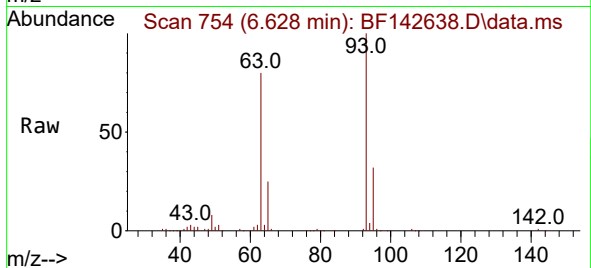
66 43.5 22.6 62.6



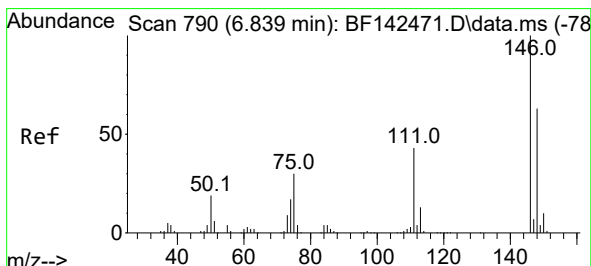
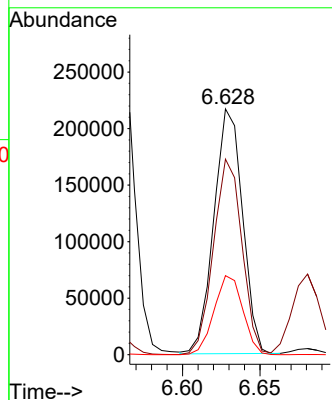
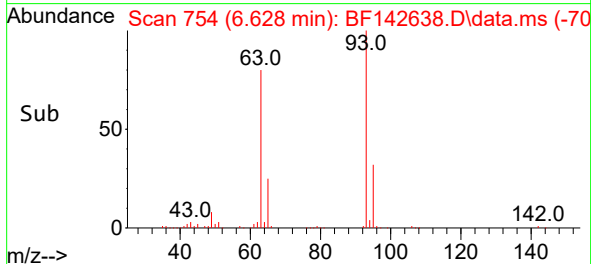


#11
bis(2-Chloroethyl)ether
Concen: 38.947 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Instrument :
BNA_F
ClientSampleId :

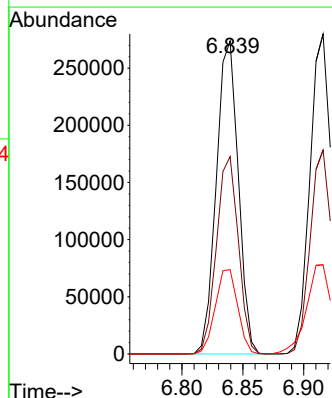
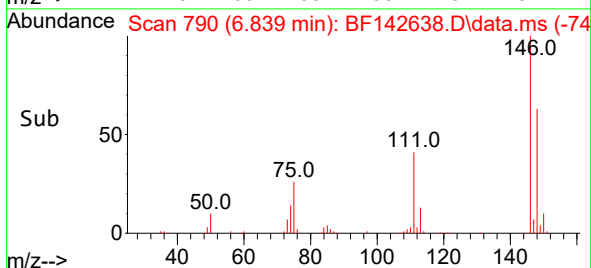
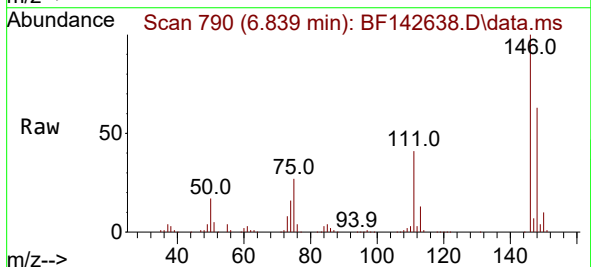


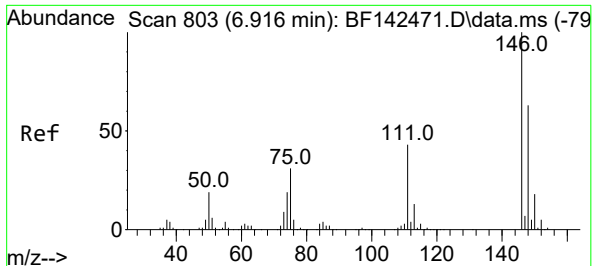
Tgt Ion: 93 Resp: 278675
Ion Ratio Lower Upper
93 100
63 79.5 60.2 100.2
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.574 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:146 Resp: 344058
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
75 26.9 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 38.452 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :

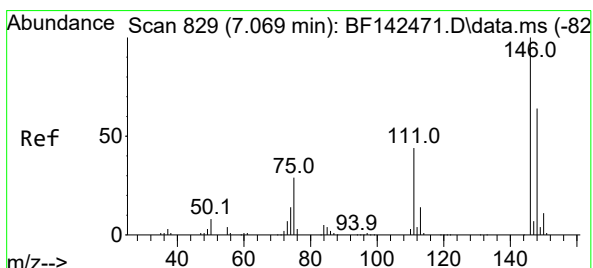
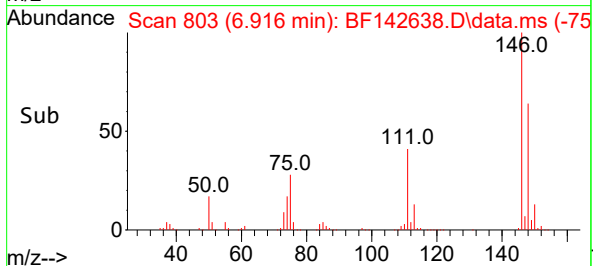
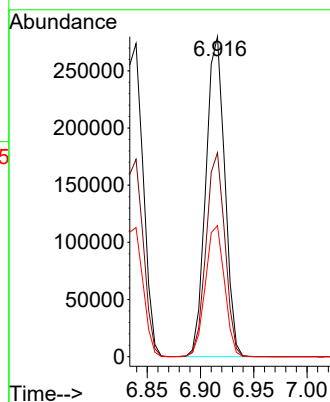
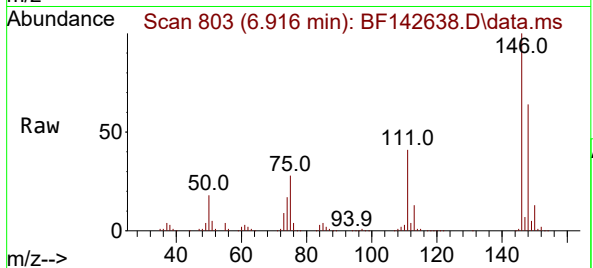
Tgt Ion:146 Resp: 345471

Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

111 40.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 38.125 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

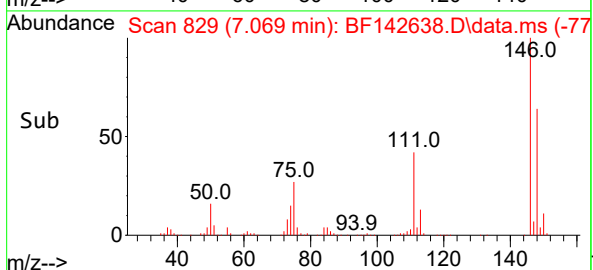
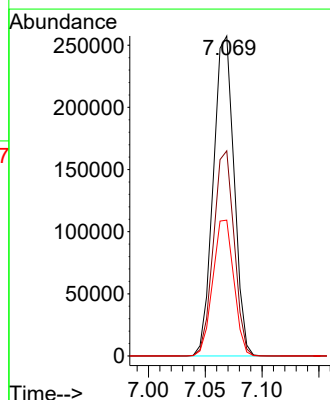
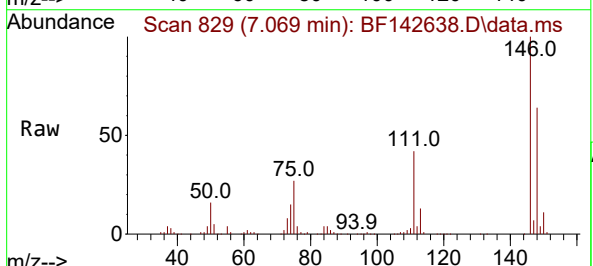
Tgt Ion:146 Resp: 327765

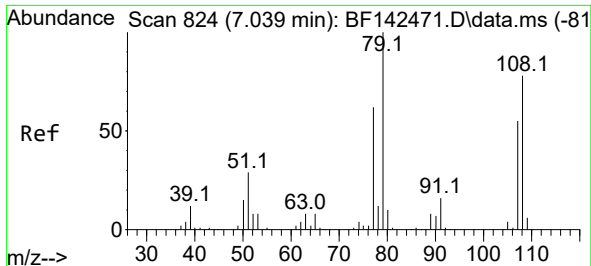
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

111 42.4 35.0 52.6





#15

Benzyl Alcohol

Concen: 37.634 ng

RT: 7.034 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :

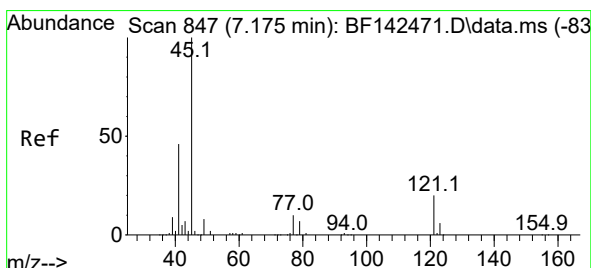
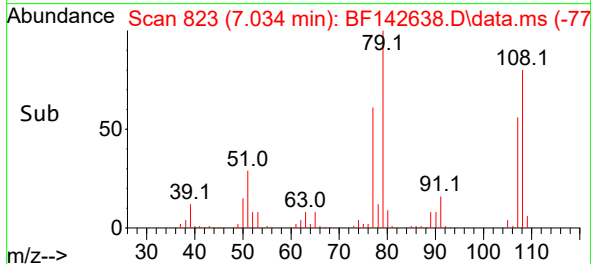
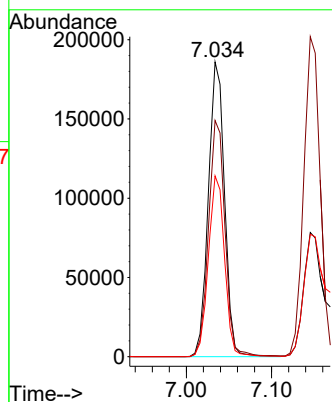
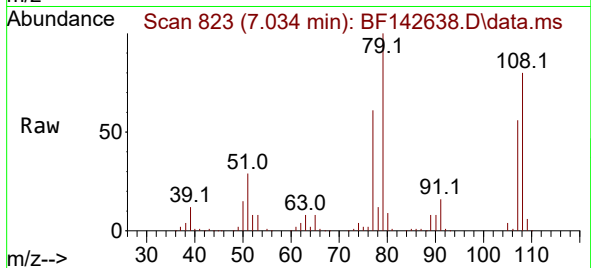
Tgt Ion: 79 Resp: 245685

Ion Ratio Lower Upper

79 100

108 80.1 62.1 93.1

77 61.3 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.097 ng

RT: 7.169 min Scan# 846

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

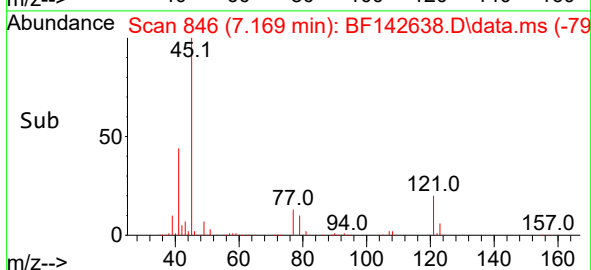
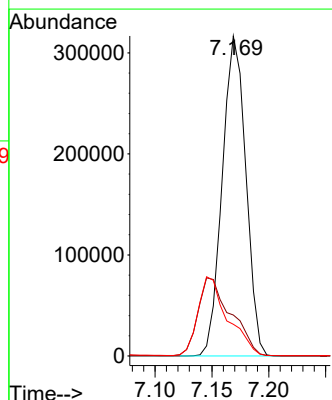
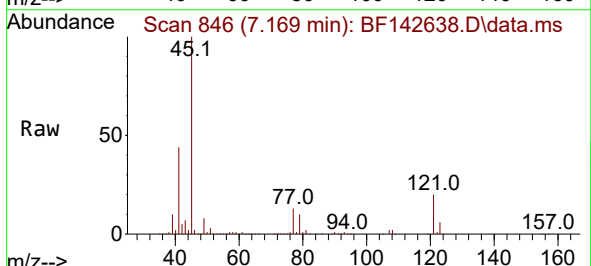
Tgt Ion: 45 Resp: 457775

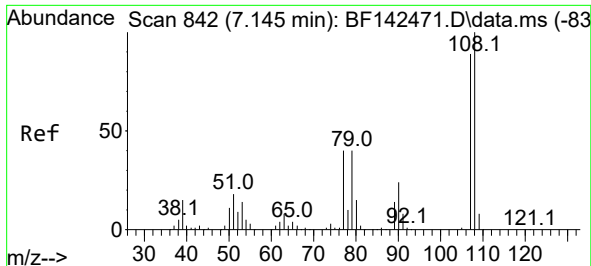
Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.0

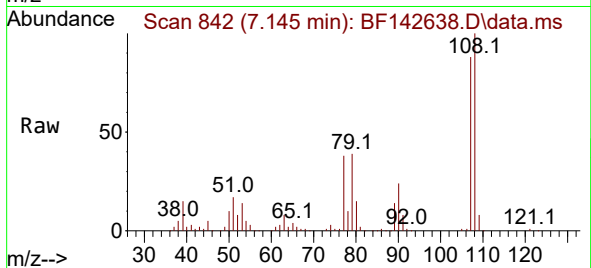
79 9.9 0.0 29.2



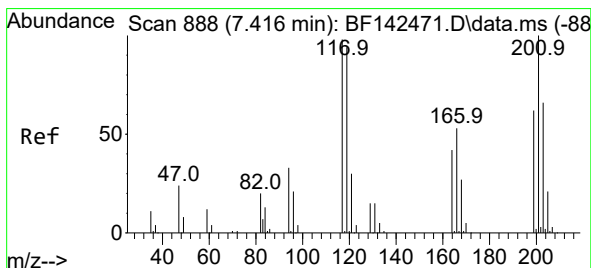
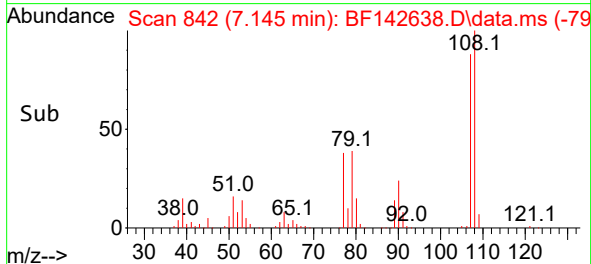
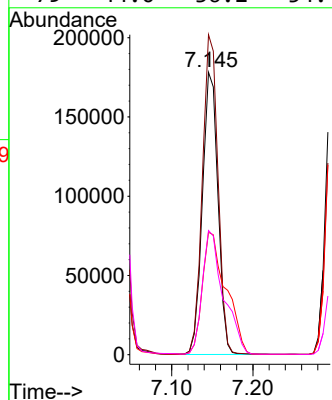


#17
2-Methylphenol
Concen: 37.950 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Instrument :
BNA_F
ClientSampleId :

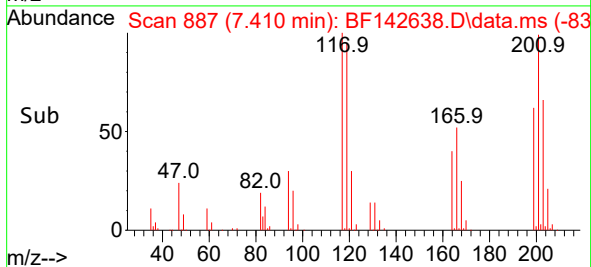
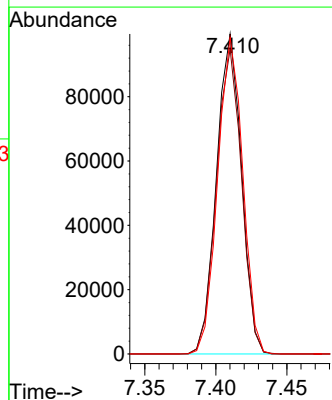
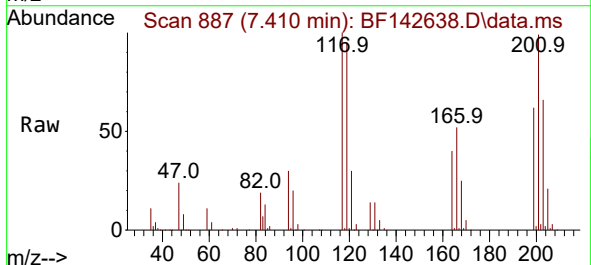


Tgt Ion:107 Resp: 236833
Ion Ratio Lower Upper
107 100
108 113.3 90.2 135.2
77 43.4 36.1 54.1
79 44.0 36.2 54.4



#18
Hexachloroethane
Concen: 38.941 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:117 Resp: 122169
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
201 98.9 81.3 121.9

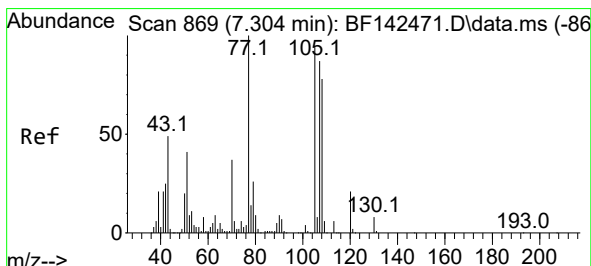
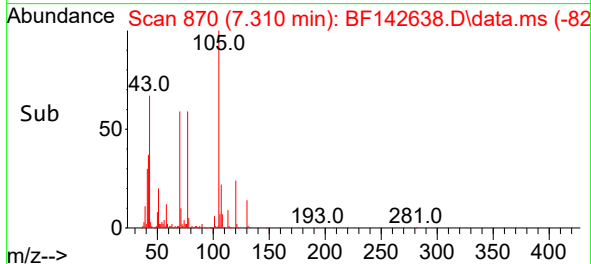
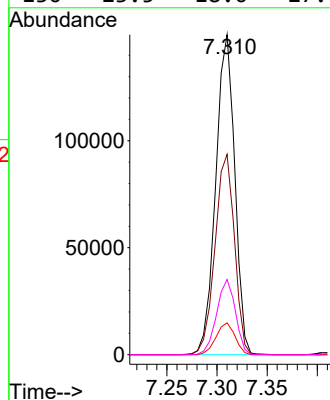
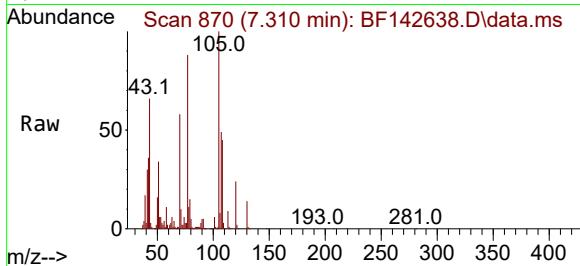




#19
n-Nitroso-di-n-propylamine
Concen: 36.019 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

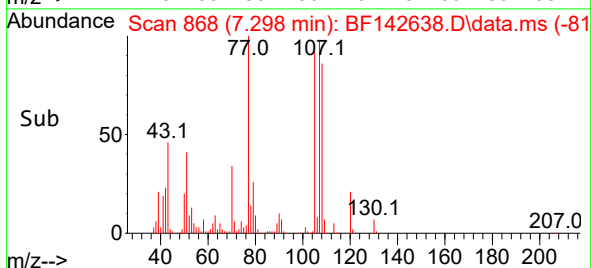
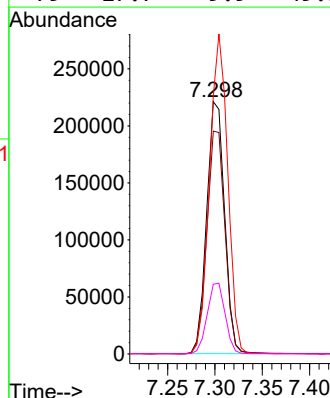
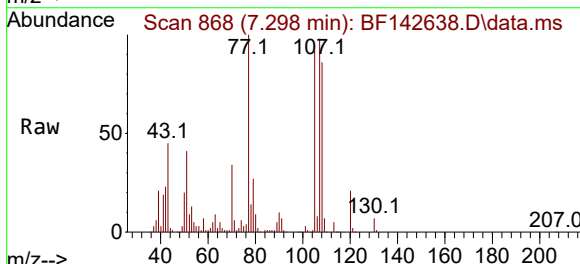
Instrument :
BNA_F
ClientSampleId :

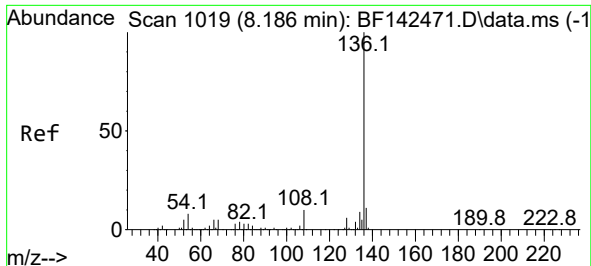
Tgt Ion:	70	Resp:	197198
Ion	Ratio	Lower	Upper
70	100		
42	62.6	52.4	78.6
101	9.9	7.8	11.8
130	23.5	18.0	27.0



#20
3+4-Methylphenols
Concen: 36.314 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:	107	Resp:	290212
Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.4	110.4
77	102.3	95.4	135.4
79	27.7	9.9	49.9

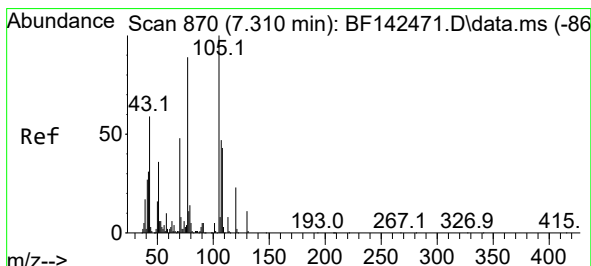
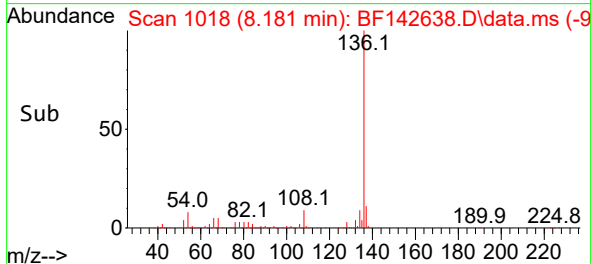
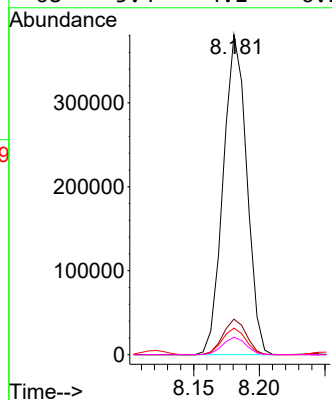
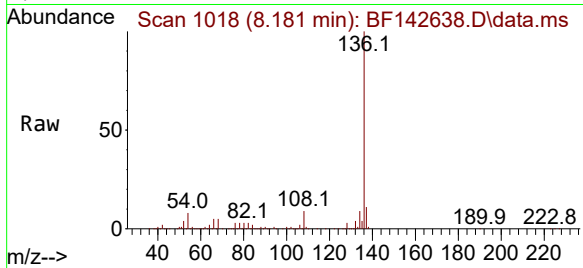




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

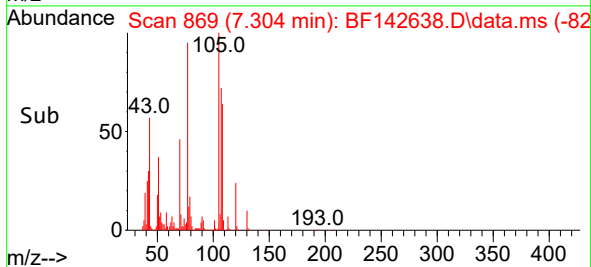
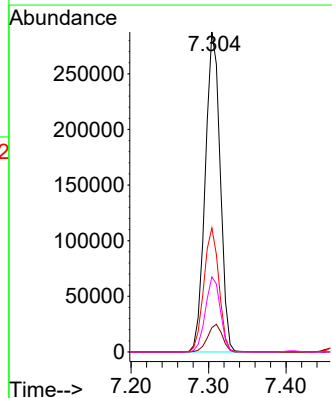
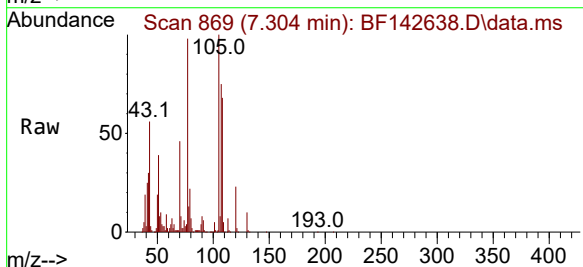
Instrument :
BNA_F
ClientSampleId :

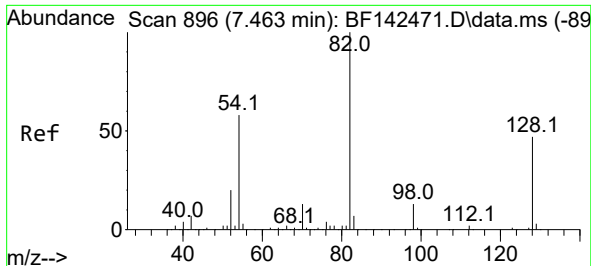
Tgt Ion:136 Resp: 475073
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.3 6.6 10.0
68 5.4 4.1 6.1



#22
Acetophenone
Concen: 36.582 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:105 Resp: 384717
Ion Ratio Lower Upper
105 100
71 7.6 6.4 9.6
51 38.7 28.6 42.8
120 23.5 18.5 27.7





#23

Nitrobenzene-d5

Concen: 74.647 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :

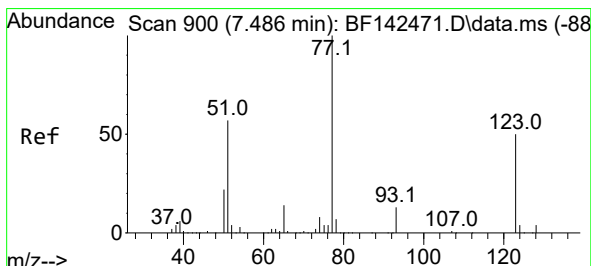
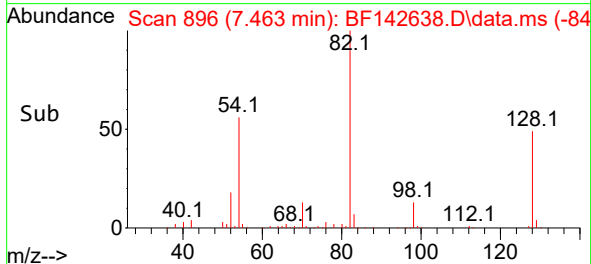
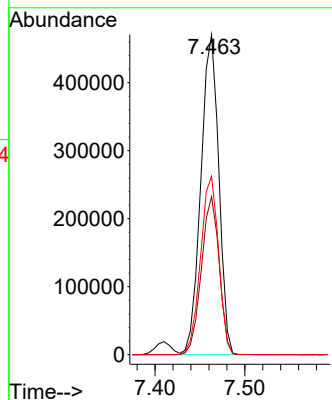
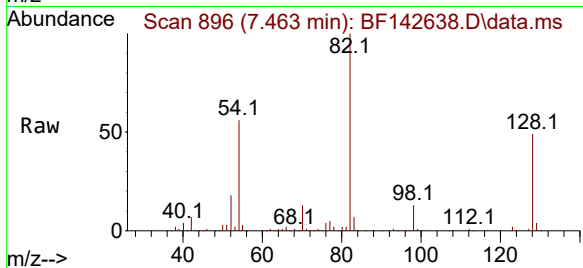
Tgt Ion: 82 Resp: 650350

Ion Ratio Lower Upper

82 100

128 49.4 37.4 56.2

54 55.8 46.6 70.0



#24

Nitrobenzene

Concen: 37.578 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

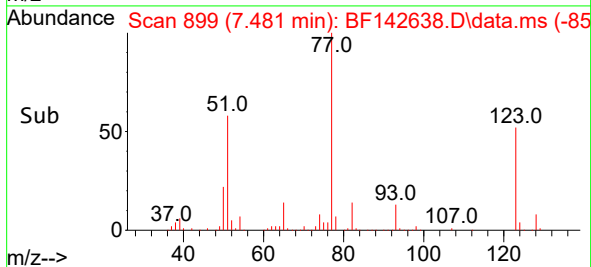
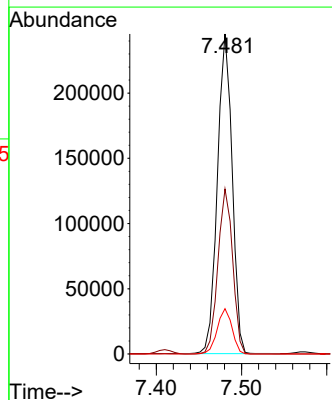
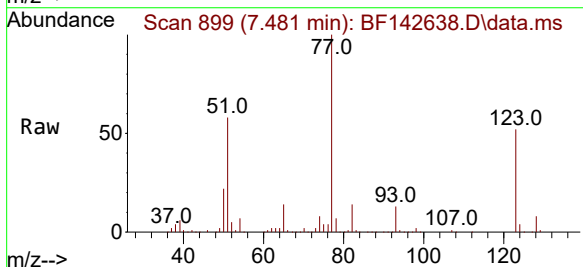
Tgt Ion: 77 Resp: 295278

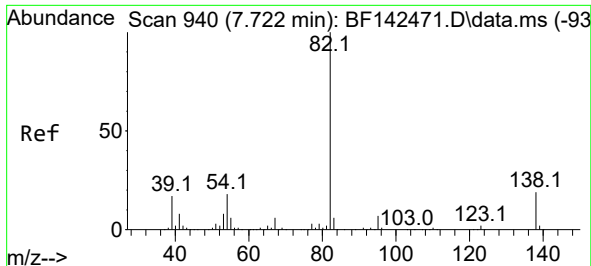
Ion Ratio Lower Upper

77 100

123 51.5 40.6 61.0

65 14.2 11.4 17.2

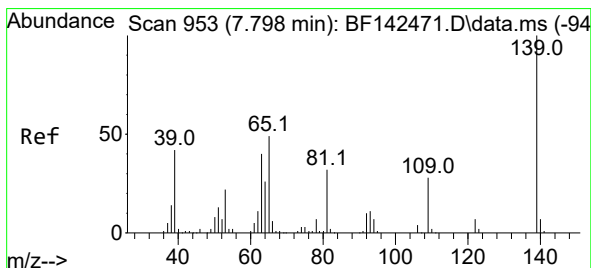
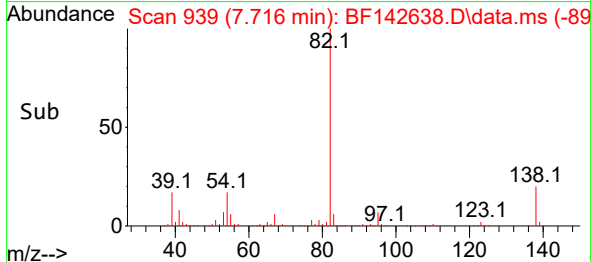
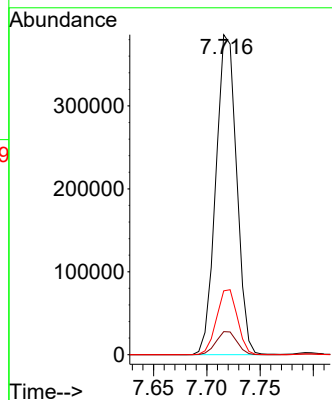
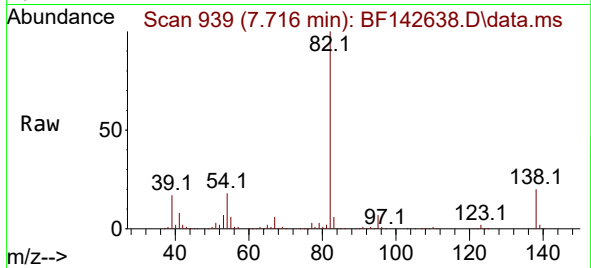




#25
Isophorone
Concen: 35.920 ng
RT: 7.716 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

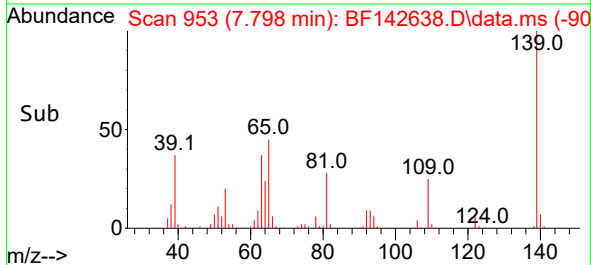
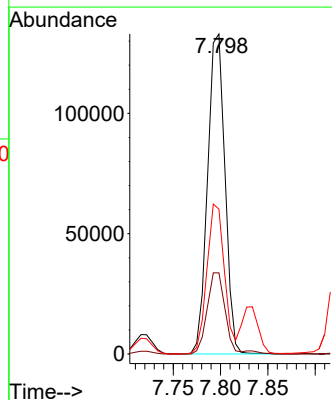
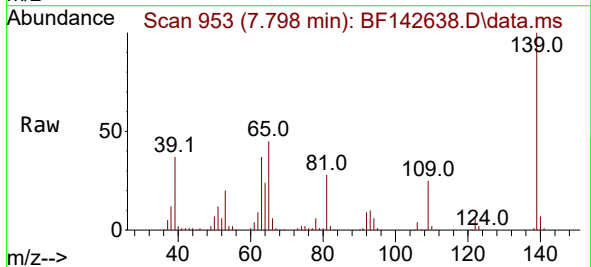
Instrument :
BNA_F
ClientSampleId :

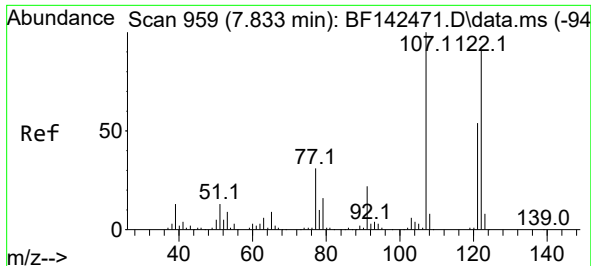
Tgt Ion: 82 Resp: 523225
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 20.0 15.5 23.3



#26
2-Nitrophenol
Concen: 40.387 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:139 Resp: 169573
Ion Ratio Lower Upper
139 100
109 25.4 22.6 33.8
65 45.2 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 37.646 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :

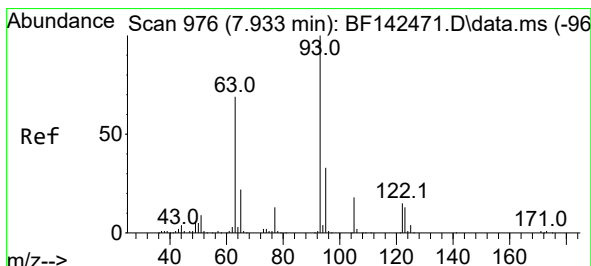
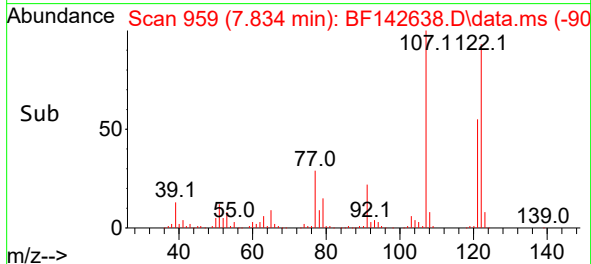
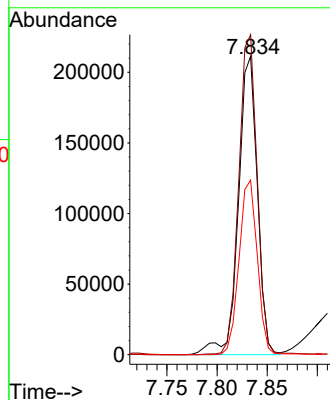
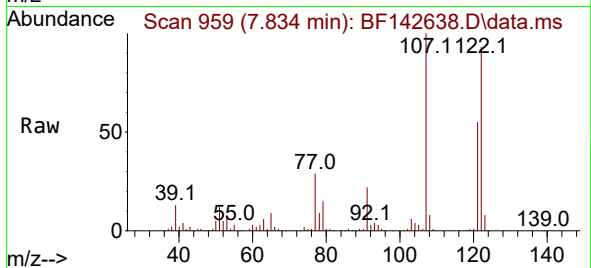
Tgt Ion:122 Resp: 278746

Ion Ratio Lower Upper

122 100

107 107.2 88.1 132.1

121 58.5 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 37.663 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

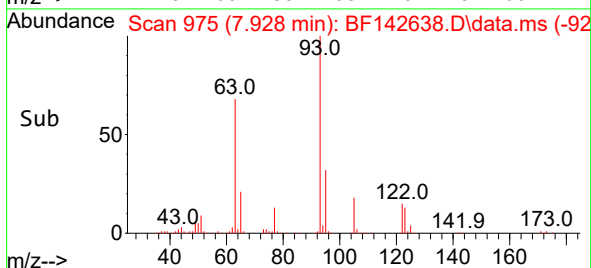
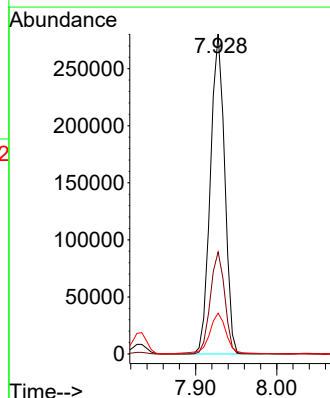
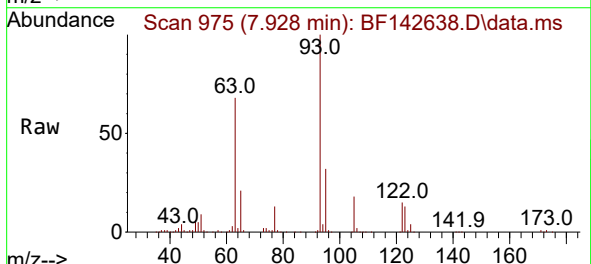
Tgt Ion: 93 Resp: 342706

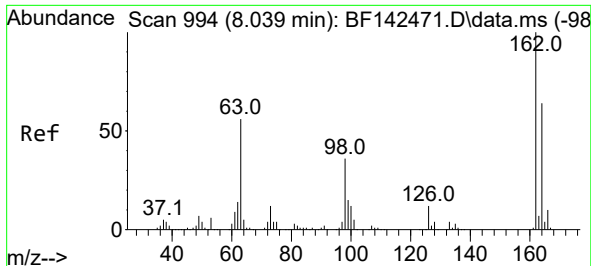
Ion Ratio Lower Upper

93 100

95 31.9 26.4 39.6

123 12.8 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 37.801 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :

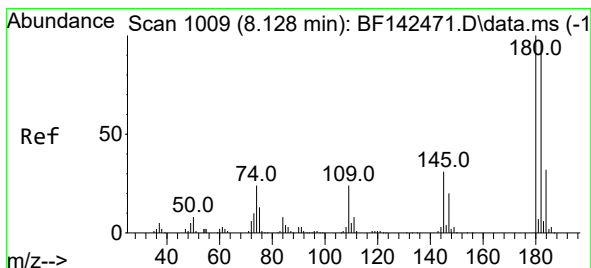
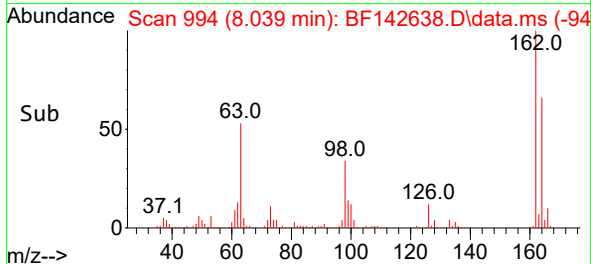
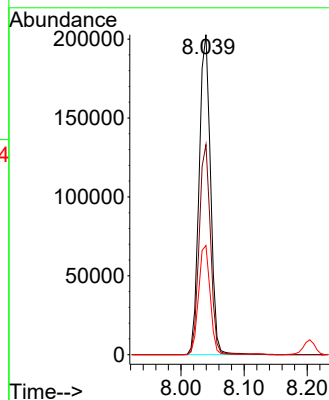
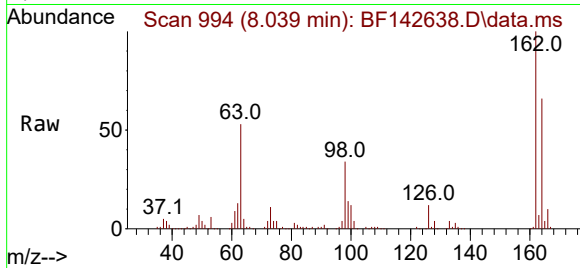
Tgt Ion:162 Resp: 254539

Ion Ratio Lower Upper

162 100

164 65.7 43.7 83.7

98 34.1 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 38.011 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

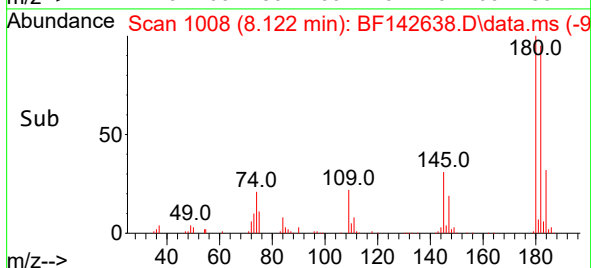
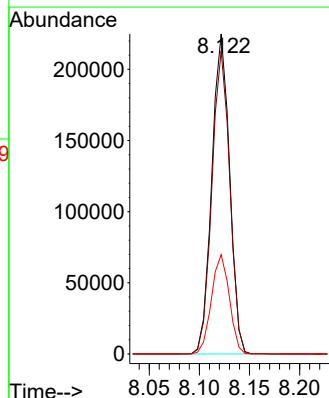
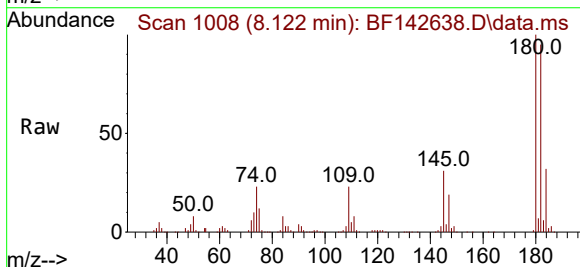
Tgt Ion:180 Resp: 277781

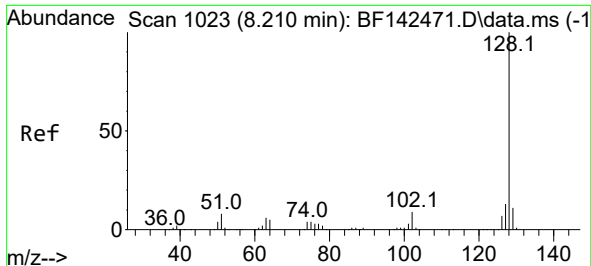
Ion Ratio Lower Upper

180 100

182 94.7 78.0 117.0

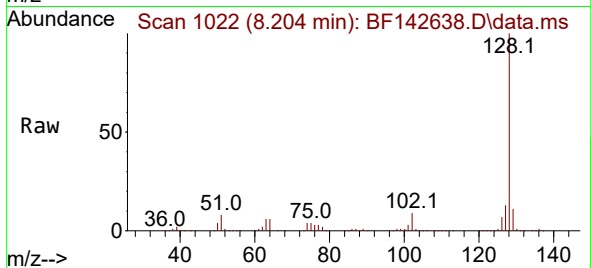
145 31.1 25.0 37.6



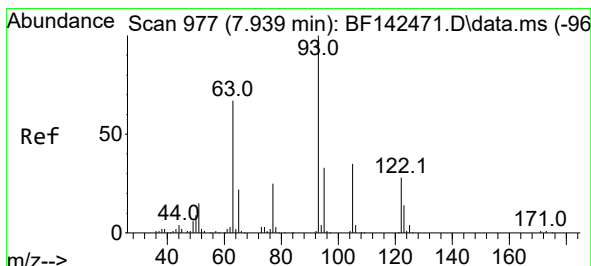
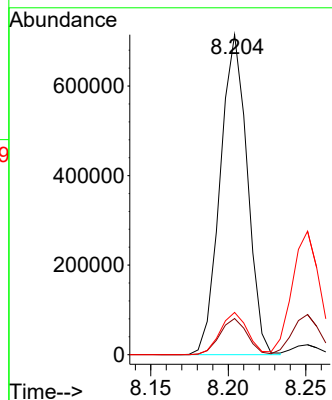
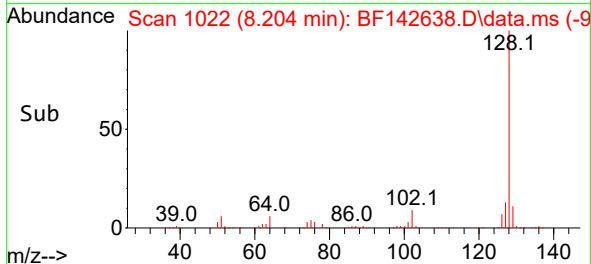


#31
Naphthalene
Concen: 37.183 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Instrument :
BNA_F
ClientSampleId :

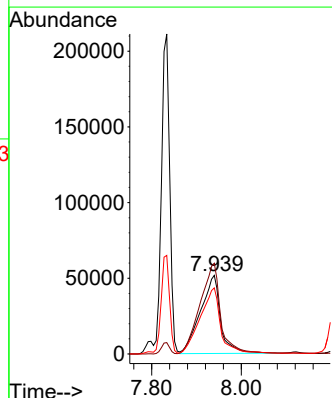
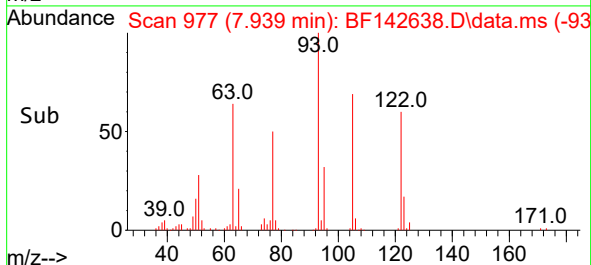
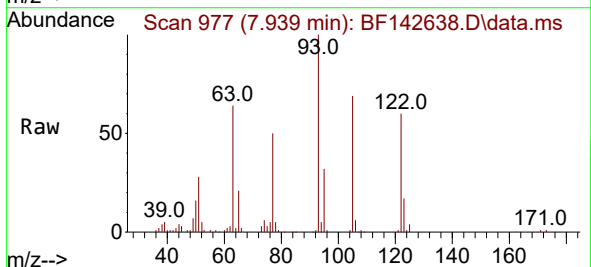


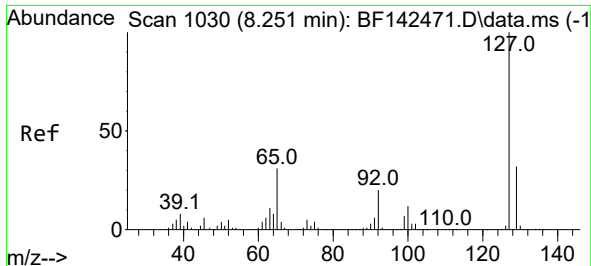
Tgt Ion:128 Resp: 869798
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 35.674 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:122 Resp: 160789
Ion Ratio Lower Upper
122 100
105 115.6 101.7 141.7
77 84.1 69.5 109.5



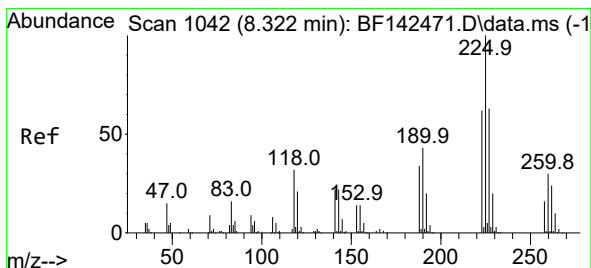
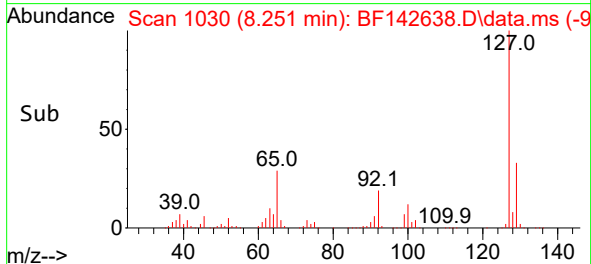
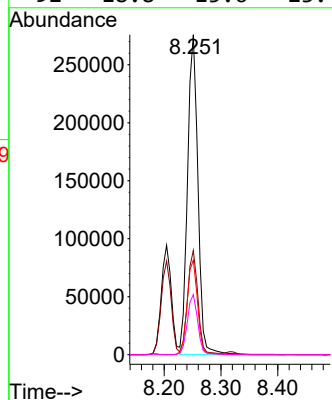
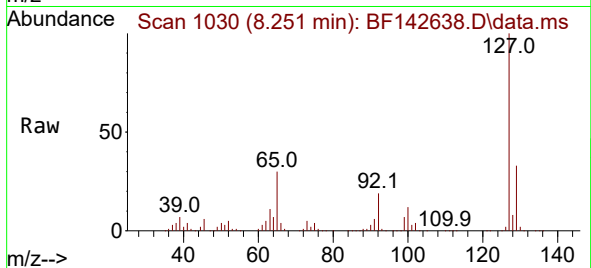


#33
4-Chloroaniline
Concen: 36.901 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 349777

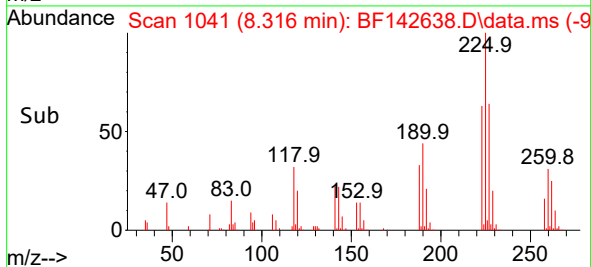
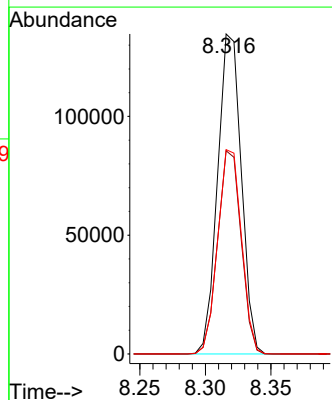
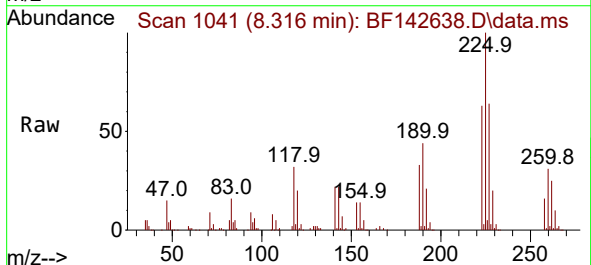
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	29.5	24.9	37.3
92	18.8	15.6	23.4

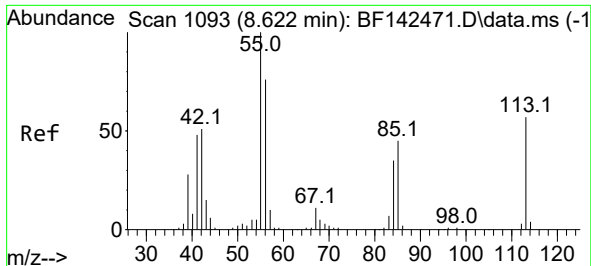


#34
Hexachlorobutadiene
Concen: 37.054 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:225 Resp: 169078

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	63.8	50.3	75.5

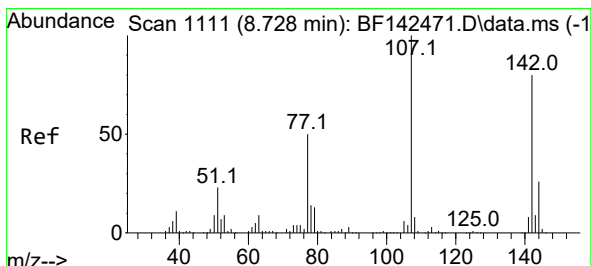
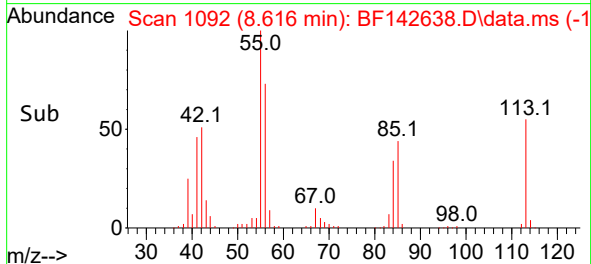
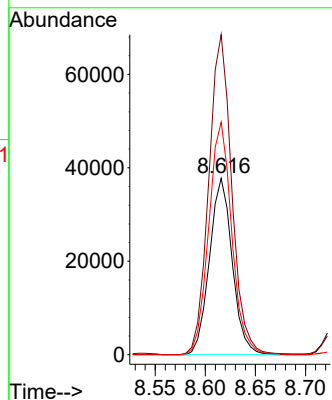
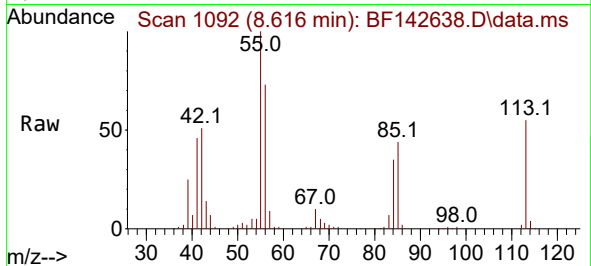




#35
 Caprolactam
 Concen: 31.492 ng
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF142638.D
 Acq: 05 Jun 2025 17:18

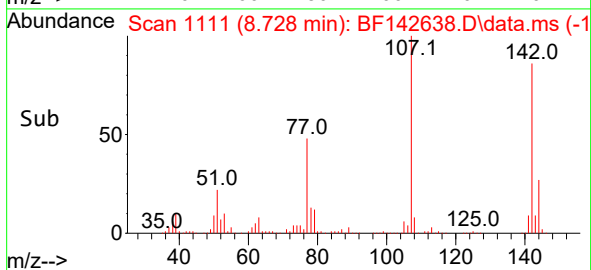
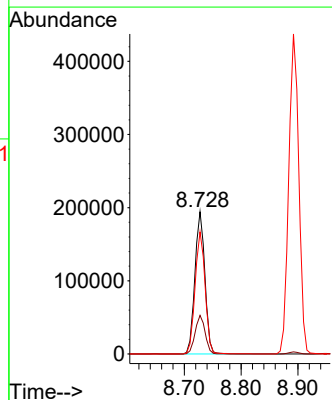
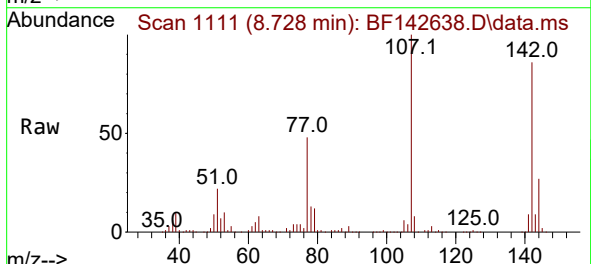
Instrument :
 BNA_F
 ClientSampleId :

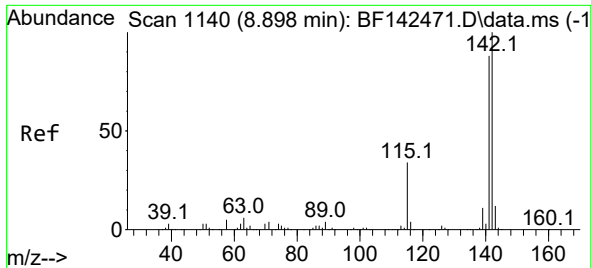
Tgt Ion:113 Resp: 59558
 Ion Ratio Lower Upper
 113 100
 55 181.5 154.7 194.7
 56 132.0 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 34.731 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142638.D
 Acq: 05 Jun 2025 17:18

Tgt Ion:107 Resp: 239676
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.9 31.3
 142 85.8 64.2 96.2

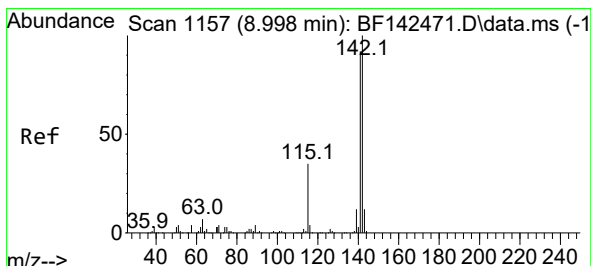
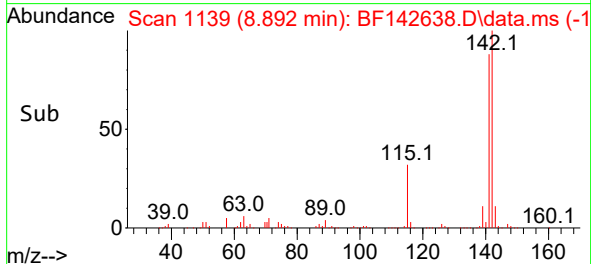
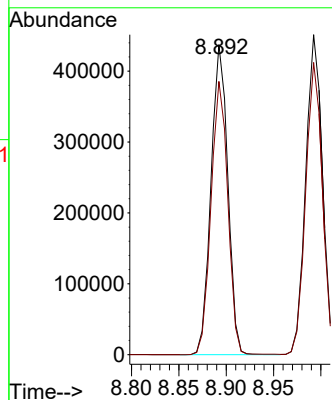
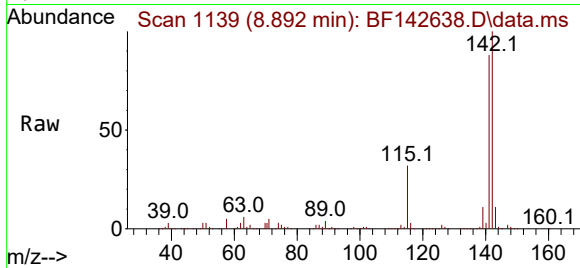




#37
2-Methylnaphthalene
Concen: 36.526 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

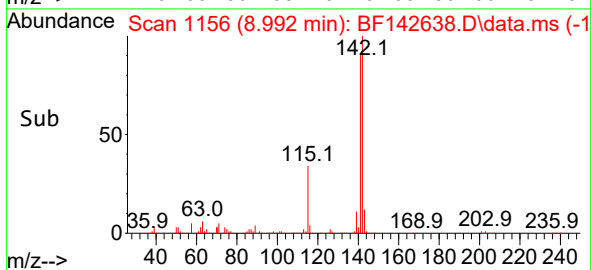
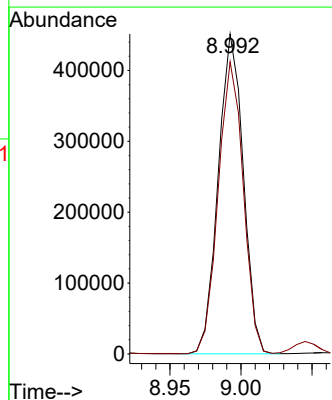
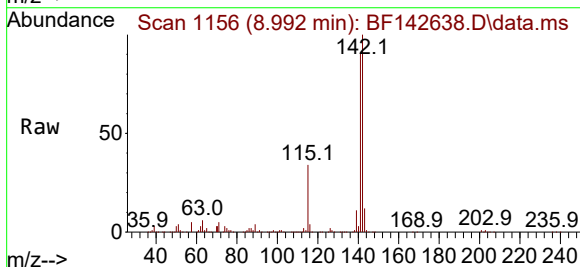
Instrument :
BNA_F
ClientSampleId :

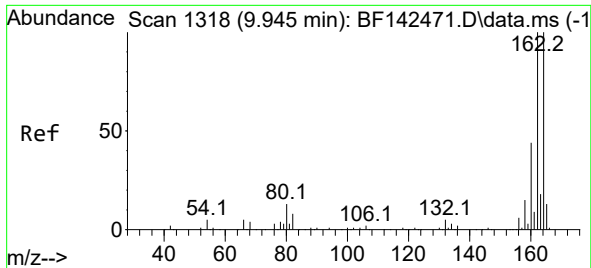
Tgt Ion:142 Resp: 537544
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1



#38
1-Methylnaphthalene
Concen: 36.271 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:142 Resp: 552144
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1168

Delta R.T. -0.006 min

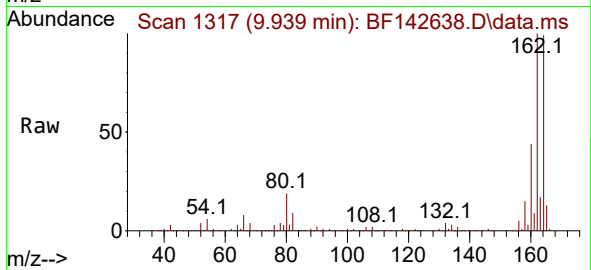
Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :



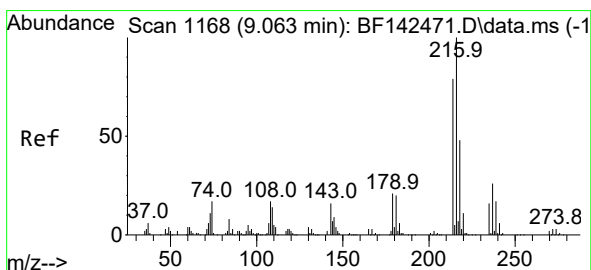
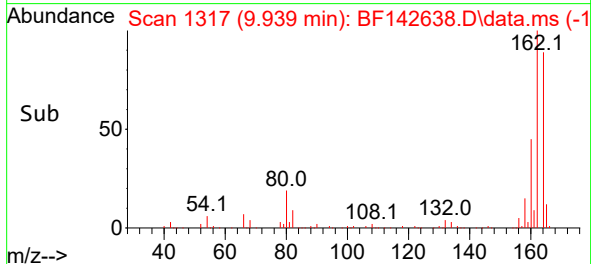
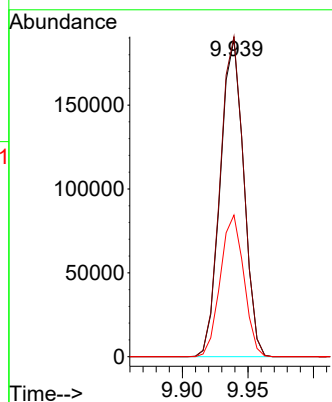
Tgt Ion:164 Resp: 234406

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.4

160 44.6 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.937 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Tgt Ion:216 Resp: 275458

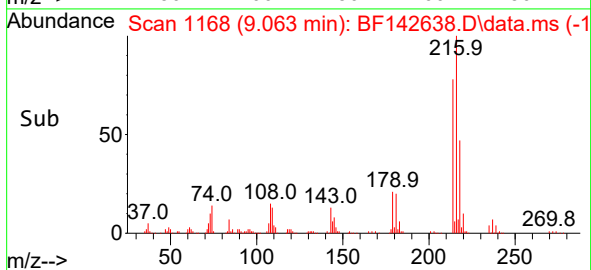
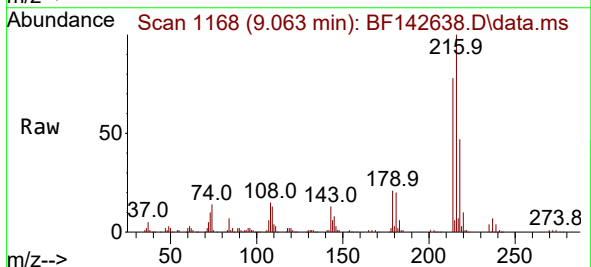
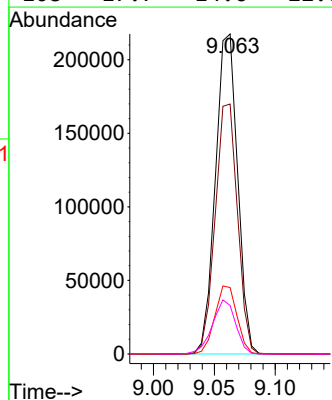
Ion Ratio Lower Upper

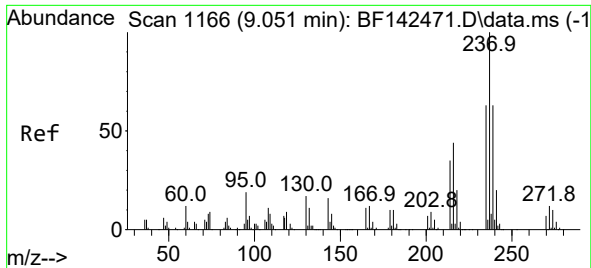
216 100

214 78.5 62.9 94.3

179 21.2 16.9 25.3

108 17.7 14.6 22.0

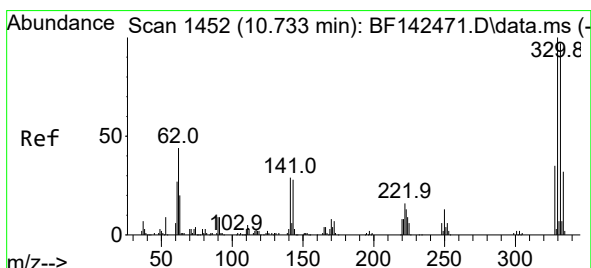
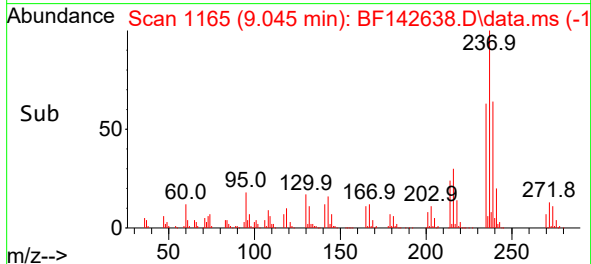
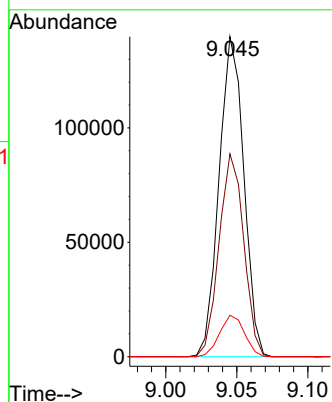
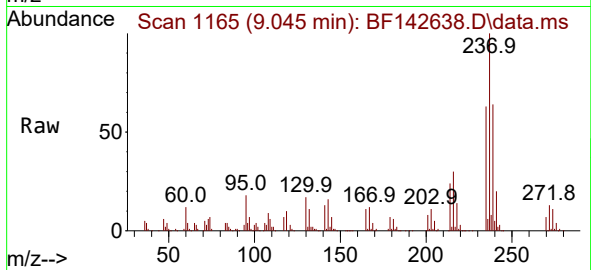




#41
Hexachlorocyclopentadiene
Concen: 37.308 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

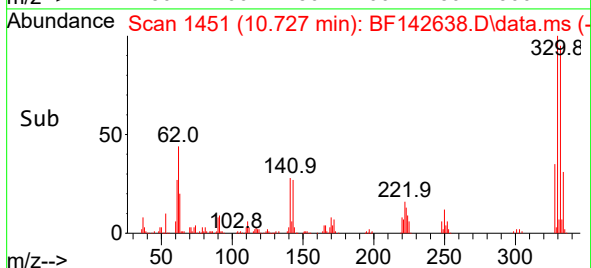
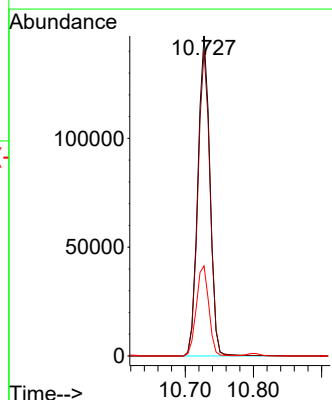
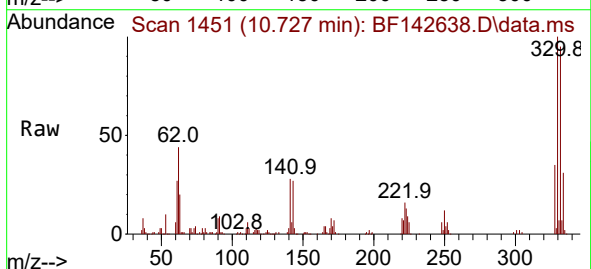
Instrument :
BNA_F
ClientSampleId :

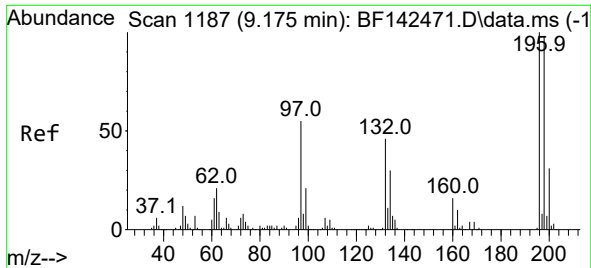
Tgt Ion:237 Resp: 169346
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 12.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 69.309 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

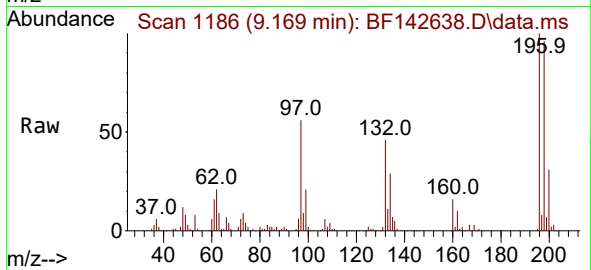
Tgt Ion:330 Resp: 180315
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 29.1 24.6 36.8



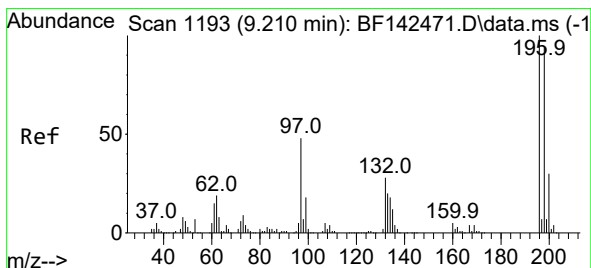
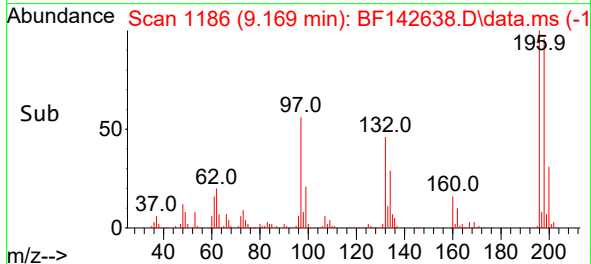
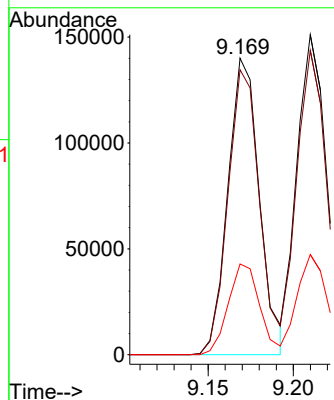


#43
 2,4,6-Trichlorophenol
 Concen: 39.654 ng
 RT: 9.169 min Scan# 1186
 Delta R.T. -0.006 min
 Lab File: BF142638.D
 Acq: 05 Jun 2025 17:18

Instrument :
 BNA_F
 ClientSampleId :

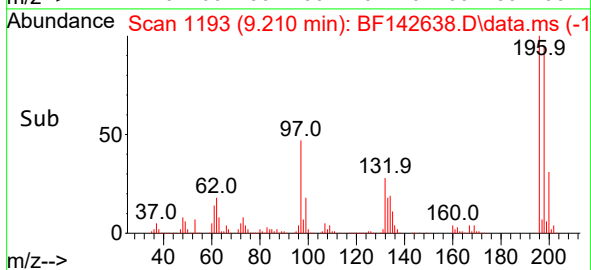
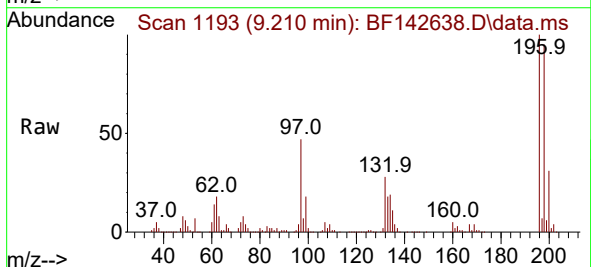
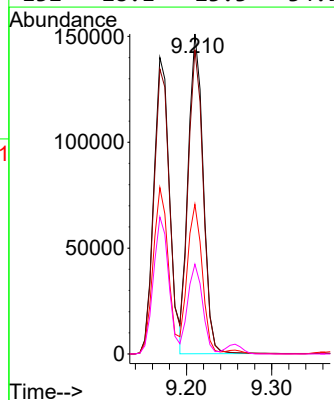


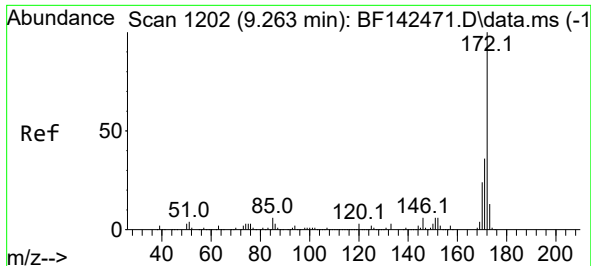
Tgt Ion:196 Resp: 179925
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.8 118.2
 200 30.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.586 ng
 RT: 9.210 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BF142638.D
 Acq: 05 Jun 2025 17:18

Tgt Ion:196 Resp: 184645
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.5 113.3
 97 46.7 39.3 58.9
 132 28.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 75.327 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :

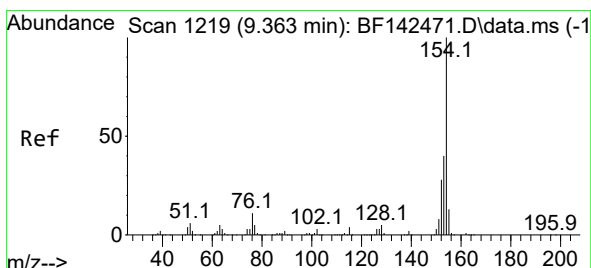
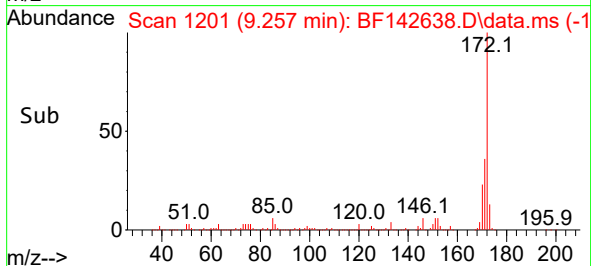
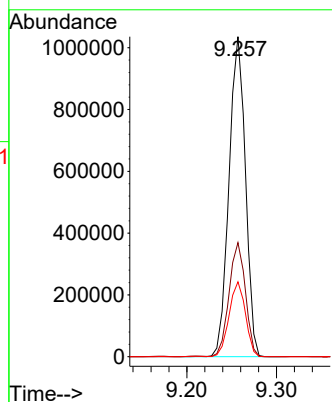
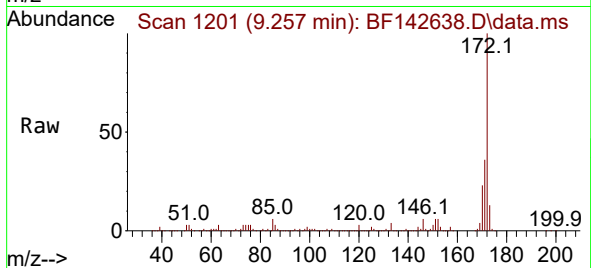
Tgt Ion:172 Resp: 1315862

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.312 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

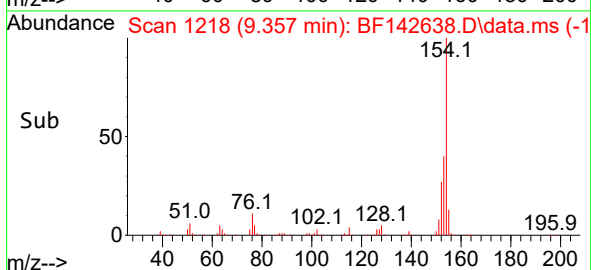
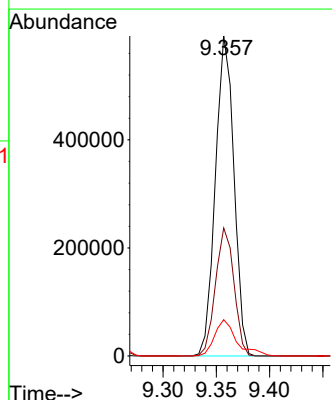
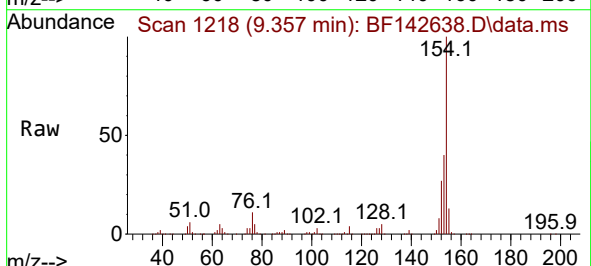
Tgt Ion:154 Resp: 714916

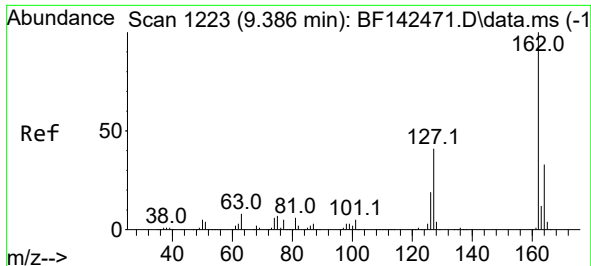
Ion Ratio Lower Upper

154 100

153 40.0 20.4 60.4

76 11.4 0.0 30.8





#47

2-Chloronaphthalene

Concen: 39.797 ng

RT: 9.386 min Scan# 11

Delta R.T. -0.006 min

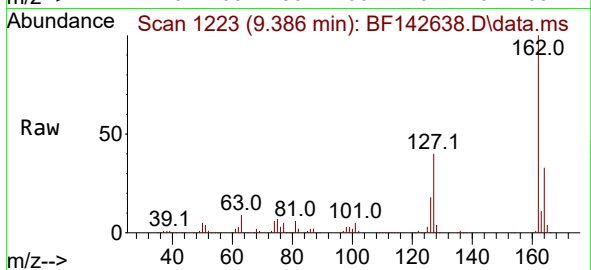
Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :



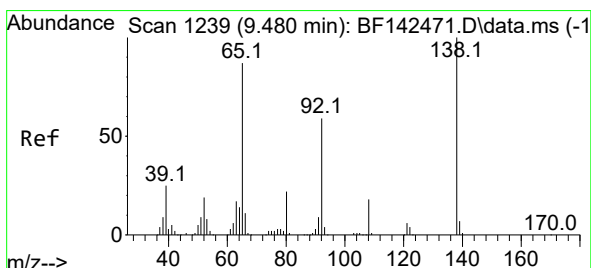
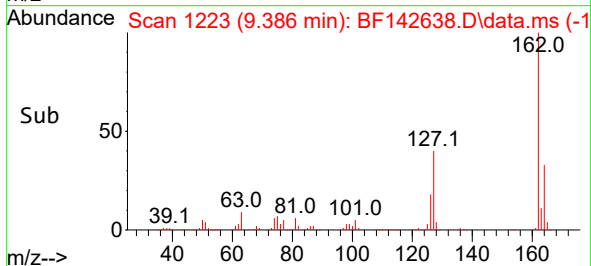
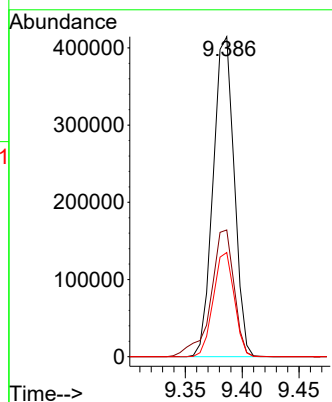
Tgt Ion:162 Resp: 534724

Ion Ratio Lower Upper

162 100

127 39.6 33.5 50.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 38.019 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

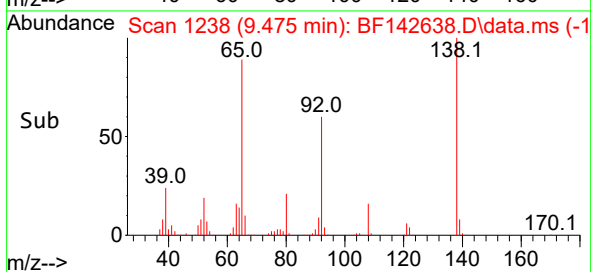
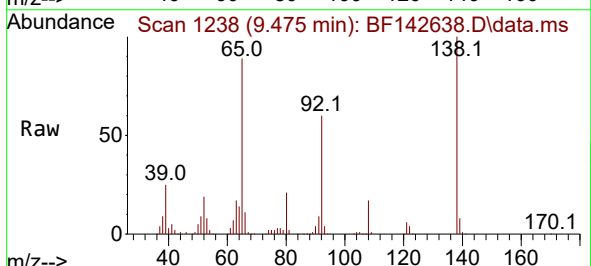
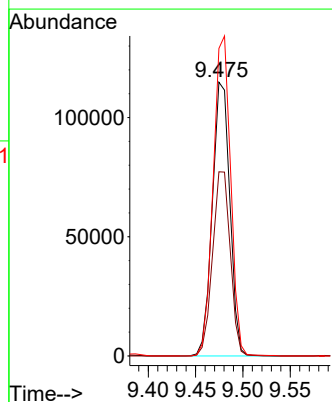
Tgt Ion: 65 Resp: 147654

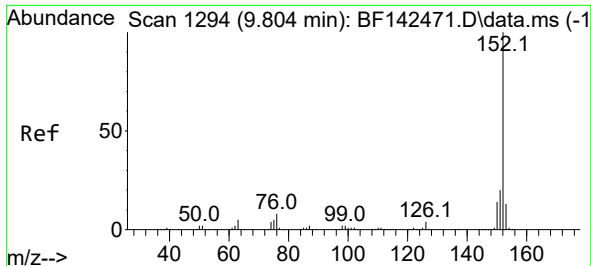
Ion Ratio Lower Upper

65 100

92 67.3 54.4 81.6

138 112.3 91.4 137.2





#49

Acenaphthylene

Concen: 38.370 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.012 min

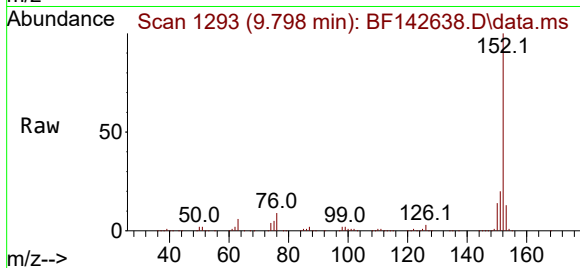
Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :



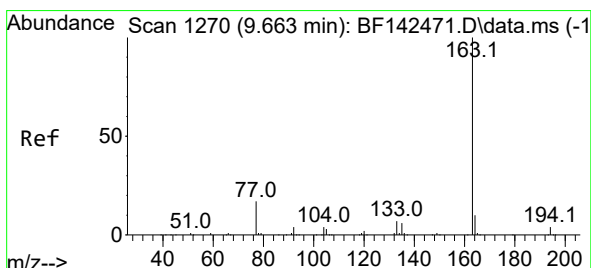
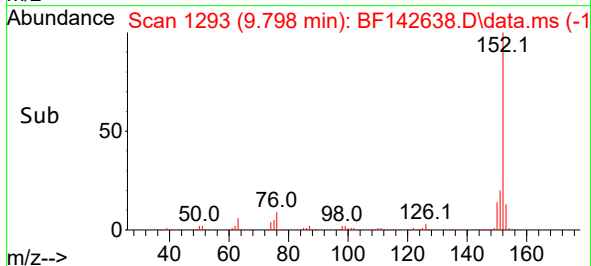
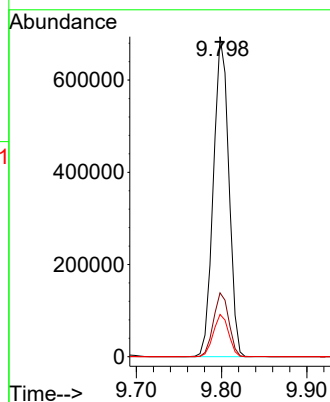
Tgt Ion:152 Resp: 870545

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 35.337 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

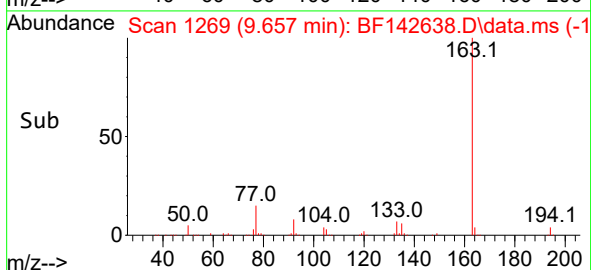
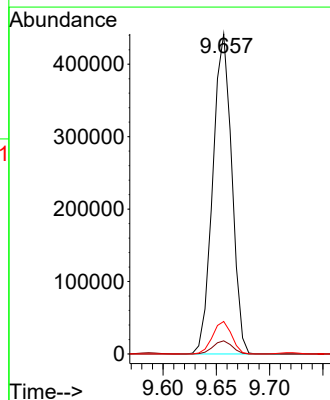
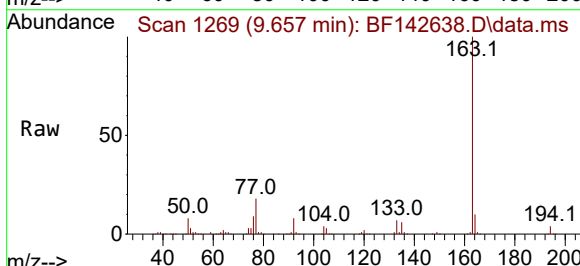
Tgt Ion:163 Resp: 546555

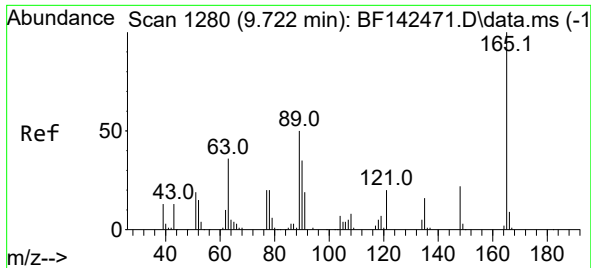
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 8.2 12.4

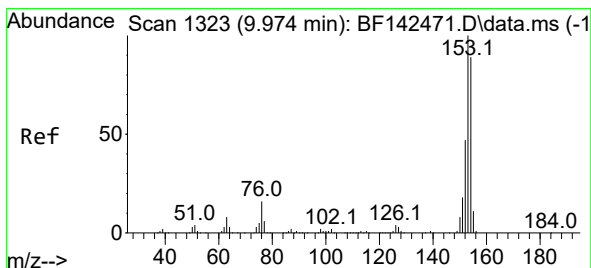
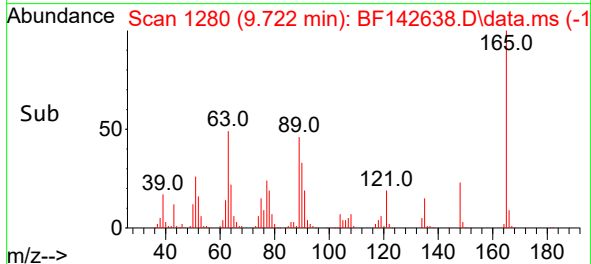
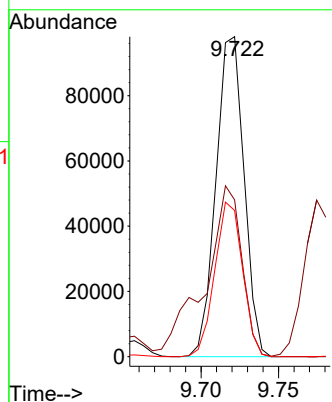
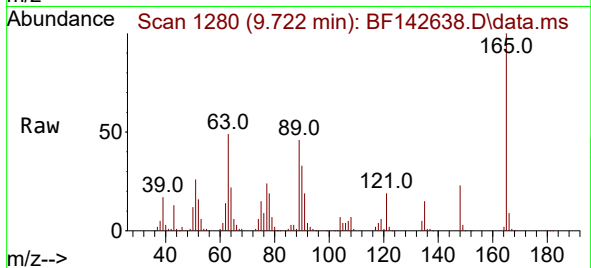




#51
2,6-Dinitrotoluene
Concen: 37.068 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

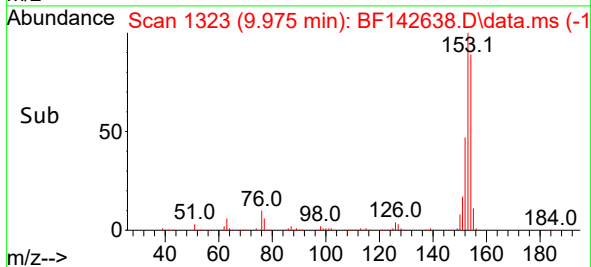
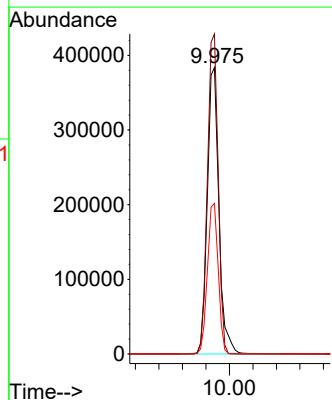
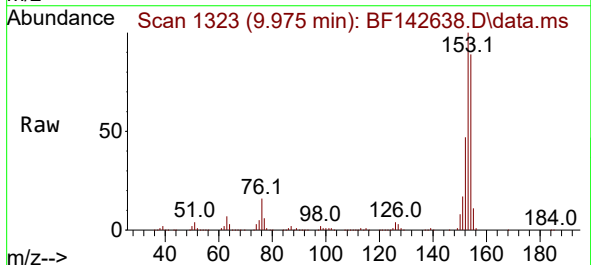
Instrument :
BNA_F
ClientSampleId :

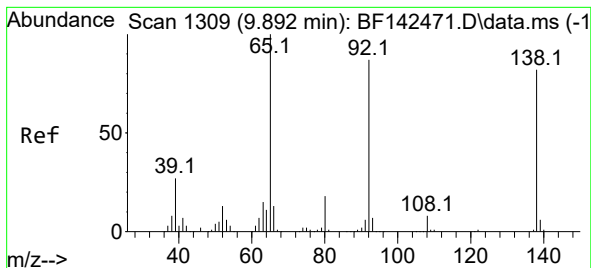
Tgt Ion:165 Resp: 123741
Ion Ratio Lower Upper
165 100
63 49.0 42.9 64.3
89 45.7 40.2 60.4



#52
Acenaphthene
Concen: 37.825 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:154 Resp: 524031
Ion Ratio Lower Upper
154 100
153 111.7 90.0 135.0
152 52.6 42.6 64.0





#53

3-Nitroaniline

Concen: 35.915 ng

RT: 9.886 min Scan# 1308

Delta R.T. -0.012 min

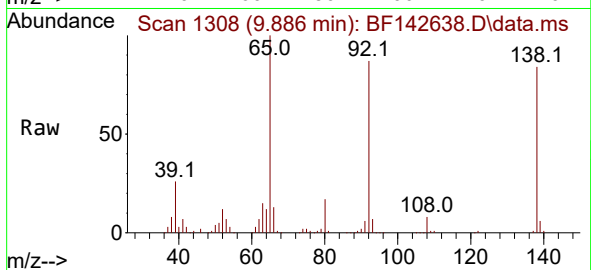
Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :



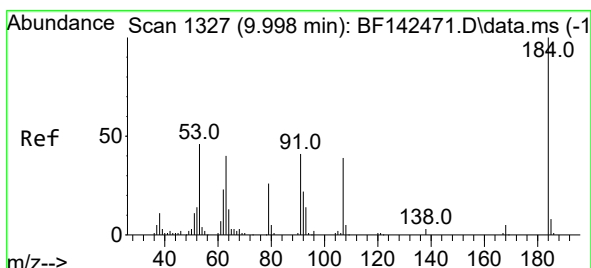
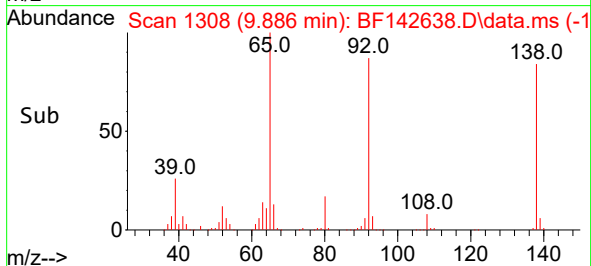
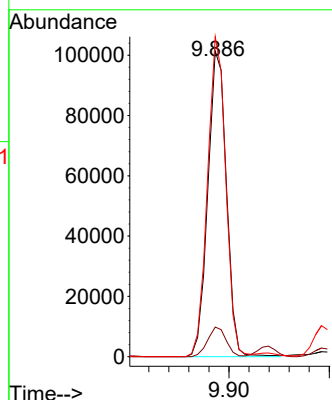
Tgt Ion:138 Resp: 130951

Ion Ratio Lower Upper

138 100

108 9.7 8.1 12.1

92 104.7 85.2 127.8



#54

2,4-Dinitrophenol

Concen: 34.930 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

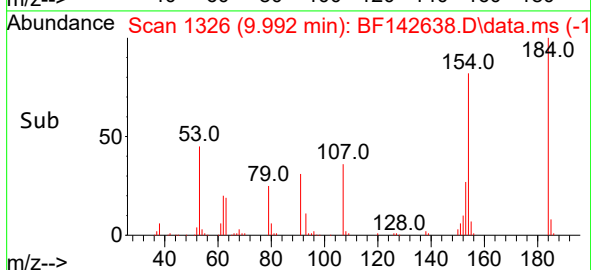
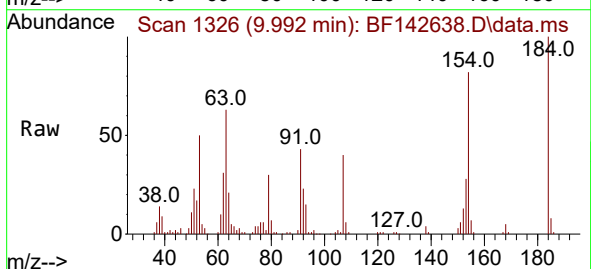
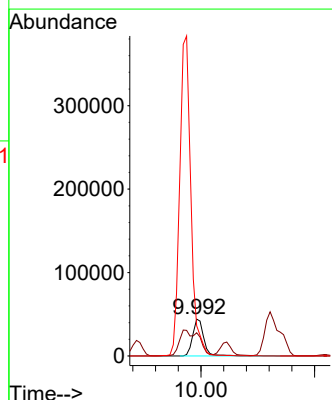
Tgt Ion:184 Resp: 60243

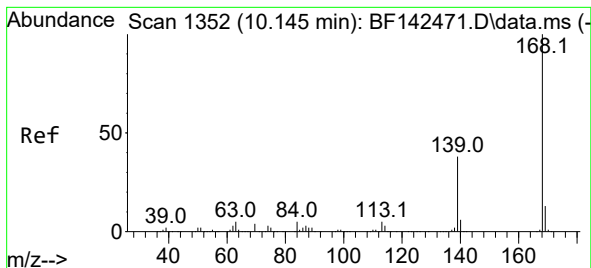
Ion Ratio Lower Upper

184 100

63 63.2 46.3 69.5

154 82.2 56.8 85.2





#55

Dibenzofuran

Concen: 37.328 ng

RT: 10.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :

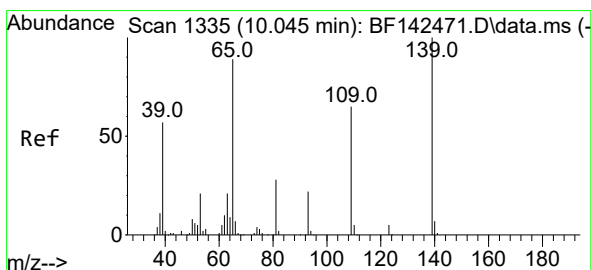
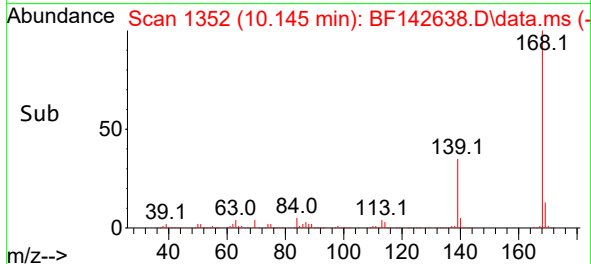
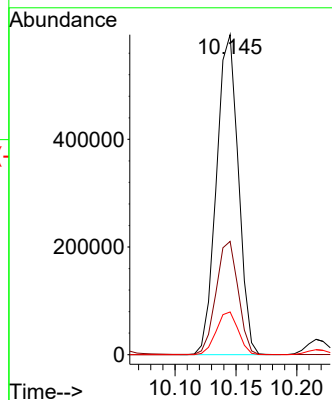
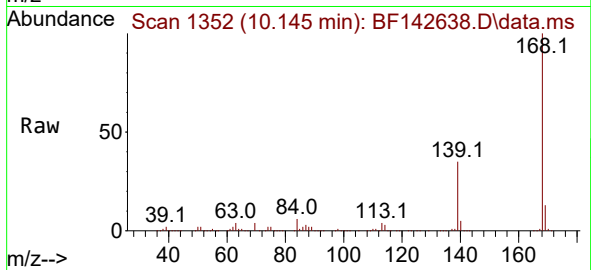
Tgt Ion:168 Resp: 744164

Ion Ratio Lower Upper

168 100

139 35.4 30.2 45.2

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 31.803 ng

RT: 10.045 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

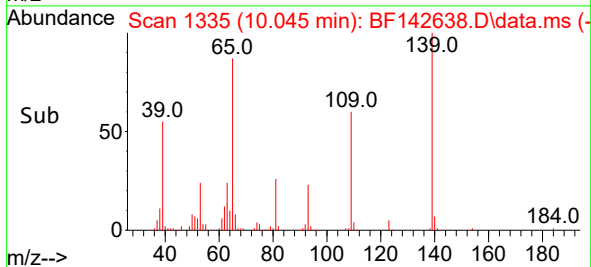
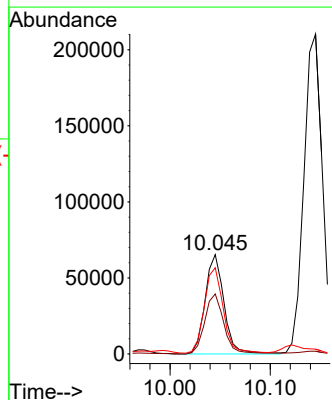
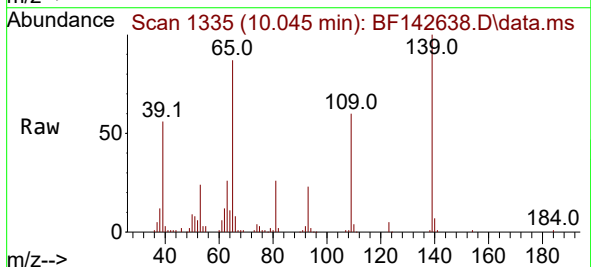
Tgt Ion:139 Resp: 85560

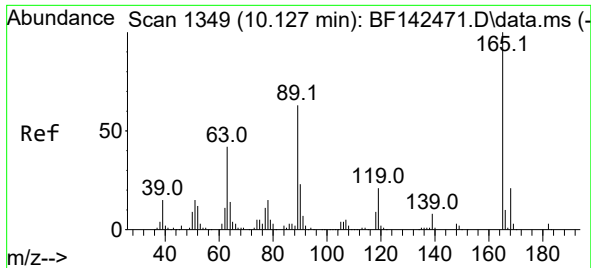
Ion Ratio Lower Upper

139 100

109 60.4 45.1 85.1

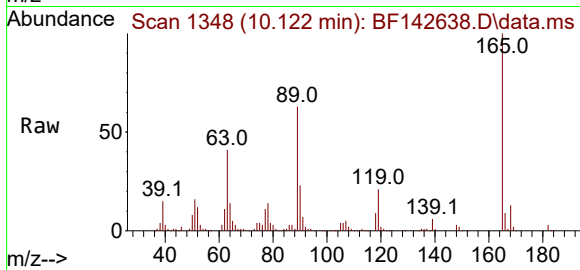
65 86.9 69.7 109.7



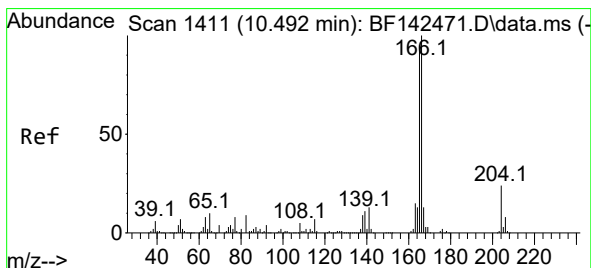
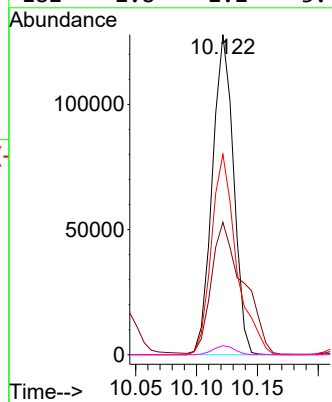
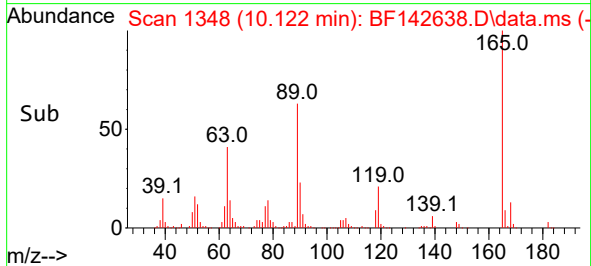


#57
2,4-Dinitrotoluene
Concen: 35.580 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

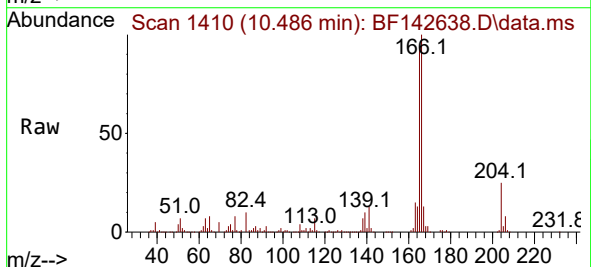
Instrument :
BNA_F
ClientSampleId :



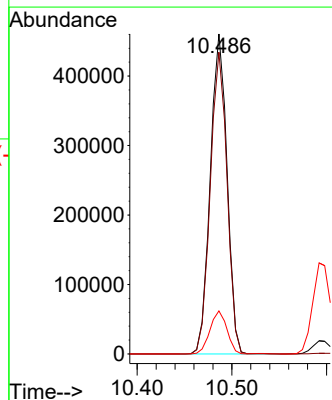
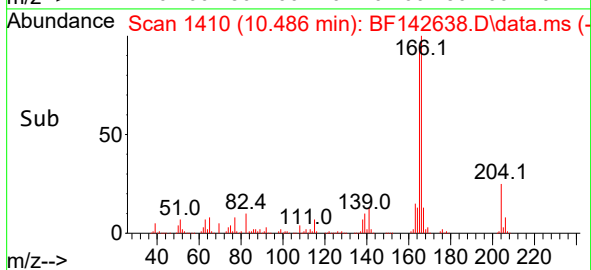
Tgt Ion:165 Resp: 155114
Ion Ratio Lower Upper
165 100
63 41.4 33.6 50.4
89 62.6 50.2 75.4
182 2.8 2.2 3.4

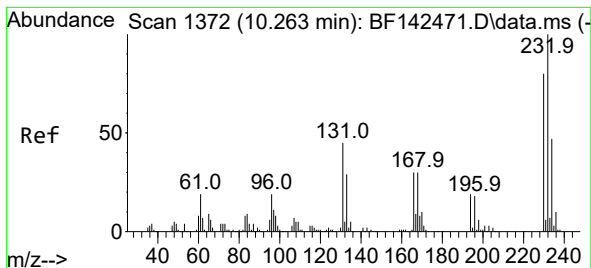


#58
Fluorene
Concen: 36.690 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18



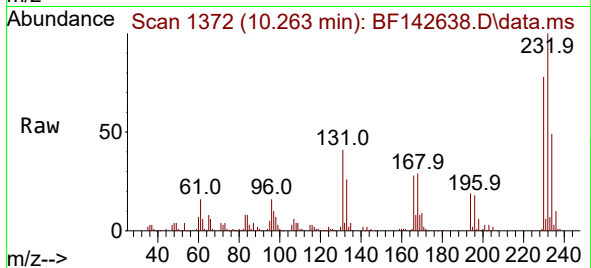
Tgt Ion:166 Resp: 565085
Ion Ratio Lower Upper
166 100
165 94.3 75.8 113.8
167 13.4 10.6 16.0



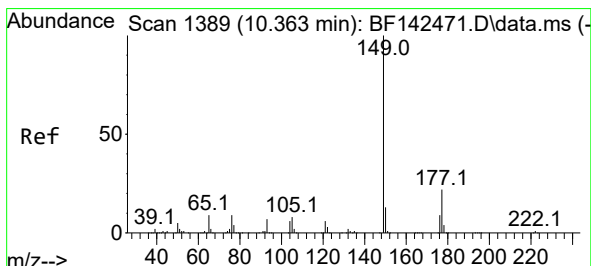
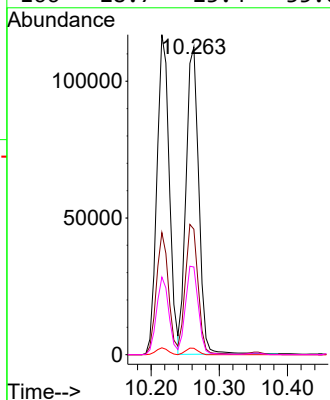
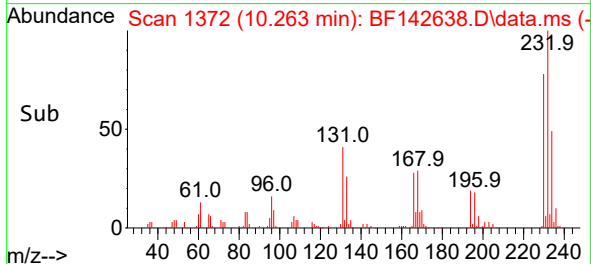


#59
2,3,4,6-Tetrachlorophenol
Concen: 36.202 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

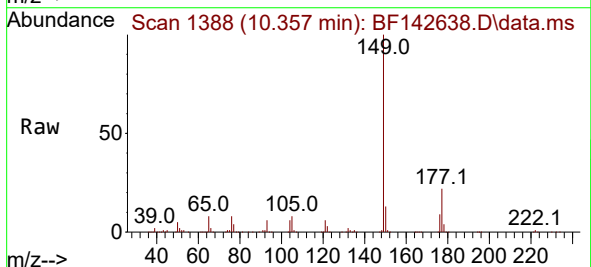
Instrument :
BNA_F
ClientSampleId :



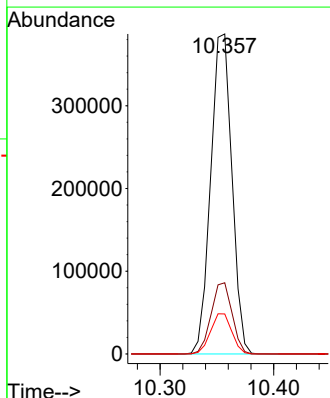
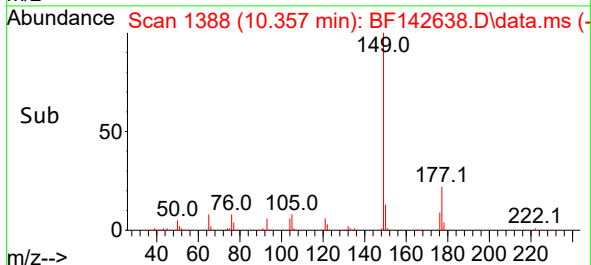
Tgt Ion:232 Resp: 144621
Ion Ratio Lower Upper
232 100
131 42.6 35.2 52.8
130 2.1 1.7 2.5
166 28.7 23.4 35.0

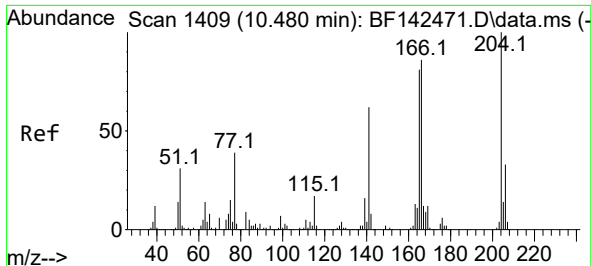


#60
Diethylphthalate
Concen: 33.272 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18



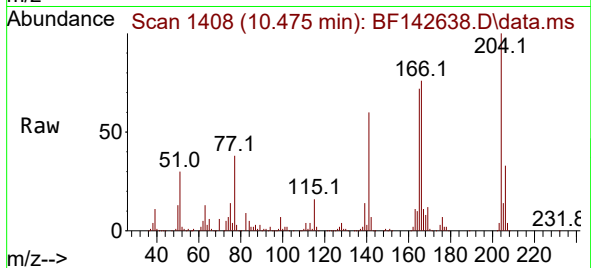
Tgt Ion:149 Resp: 502597
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.5 10.1 15.1



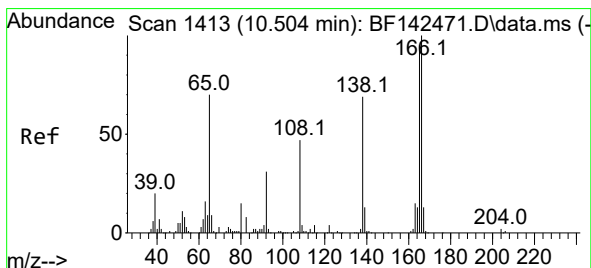
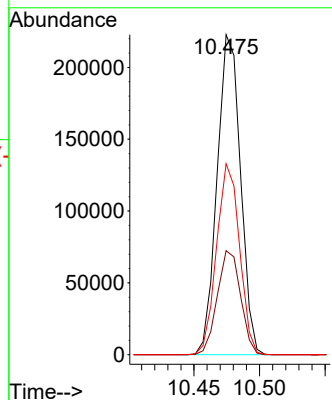
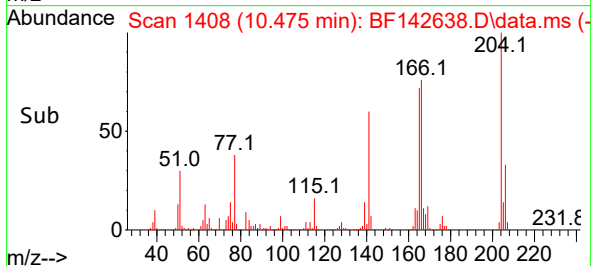


#61
4-Chlorophenyl-phenylether
Concen: 36.466 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.011 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

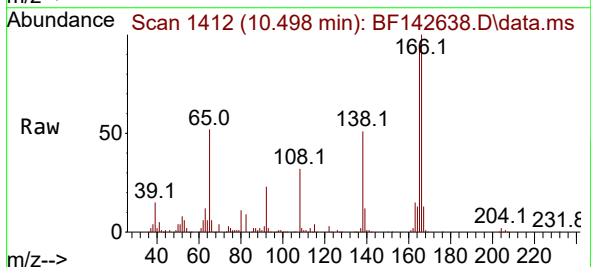
Instrument :
BNA_F
ClientSampleId :



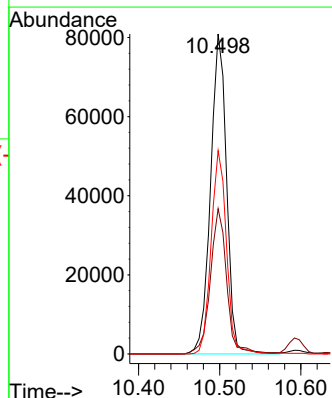
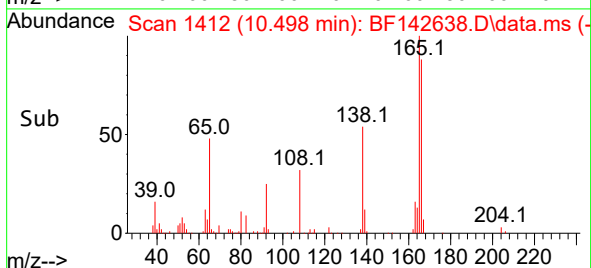
Tgt Ion:204 Resp: 275897
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 59.7 49.5 74.3

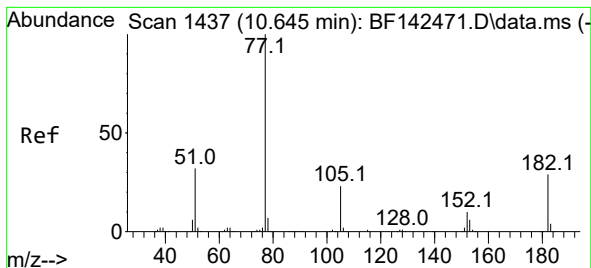


#62
4-Nitroaniline
Concen: 33.524 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18



Tgt Ion:138 Resp: 110858
Ion Ratio Lower Upper
138 100
92 45.4 26.0 66.0
108 63.6 48.4 88.4





#63

Azobenzene

Concen: 35.597 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

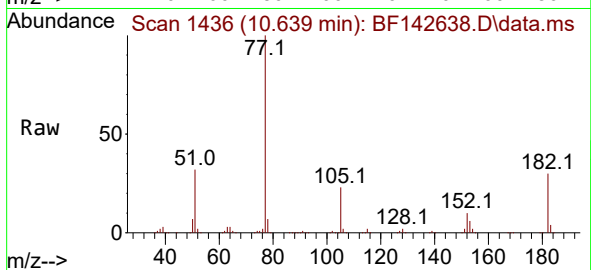
Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 482968

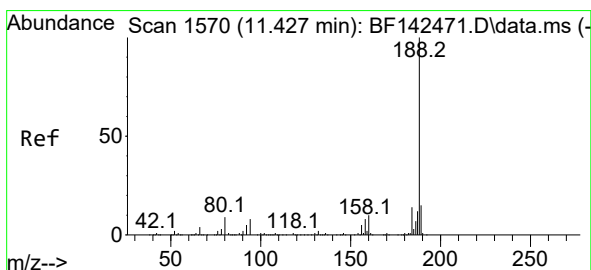
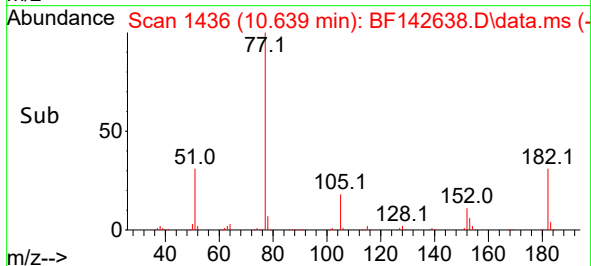
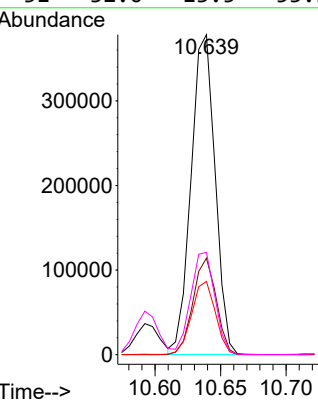
Ion Ratio Lower Upper

77 100

182 30.1 9.0 49.0

105 22.9 2.4 42.4

51 32.0 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

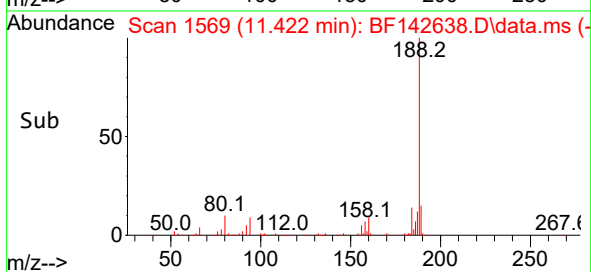
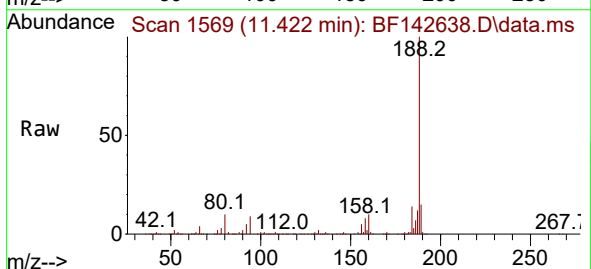
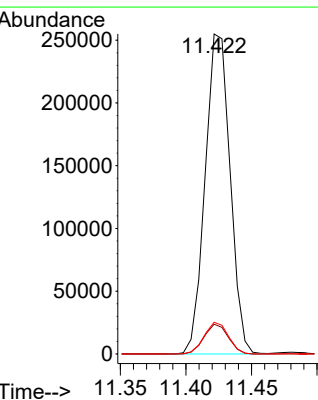
Tgt Ion:188 Resp: 337511

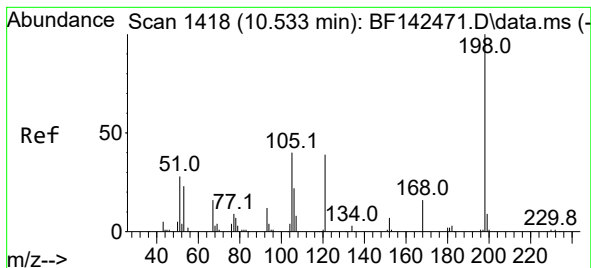
Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

80 9.9 7.4 11.0

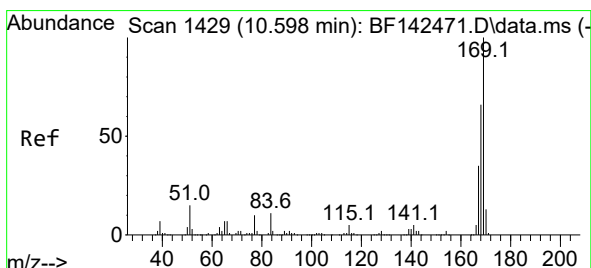
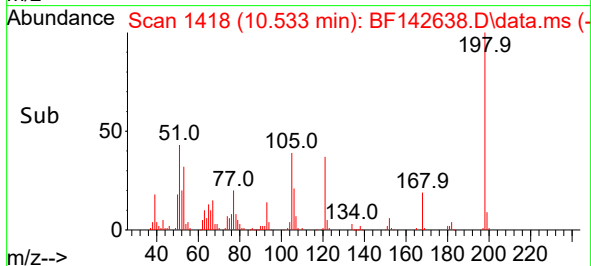
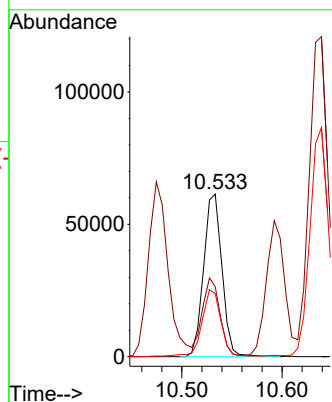
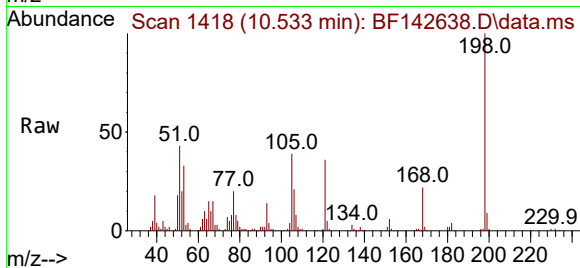




#65
4,6-Dinitro-2-methylphenol
Concen: 41.546 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

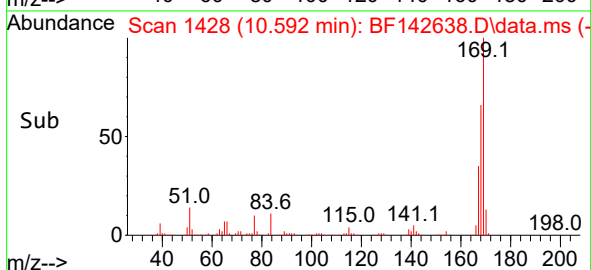
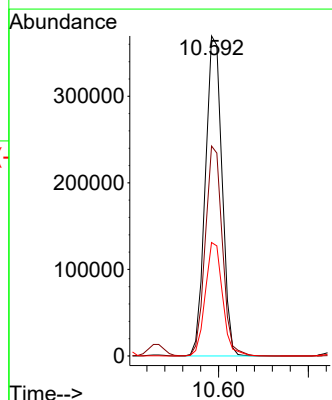
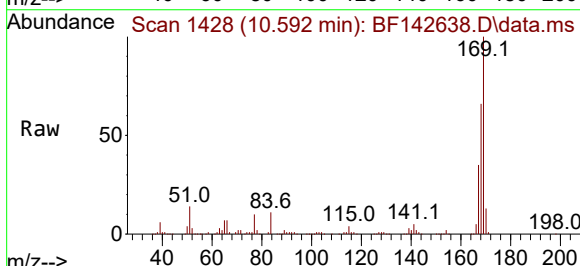
Instrument :
BNA_F
ClientSampleId :

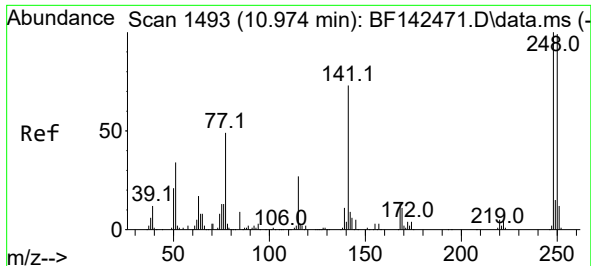
Tgt Ion:198 Resp: 78254
Ion Ratio Lower Upper
198 100
51 43.0 28.3 68.3
105 38.8 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 41.258 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

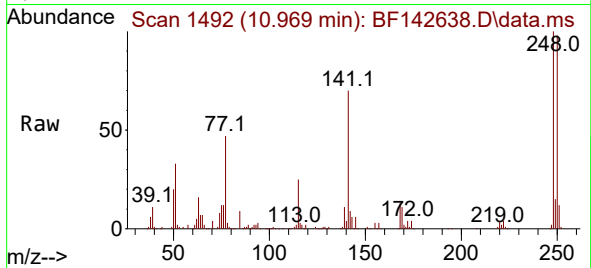
Tgt Ion:169 Resp: 476408
Ion Ratio Lower Upper
169 100
168 65.6 52.7 79.1
167 35.5 28.3 42.5



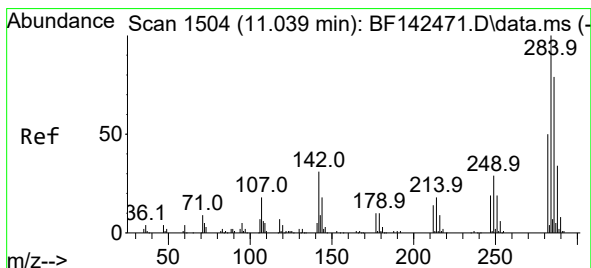
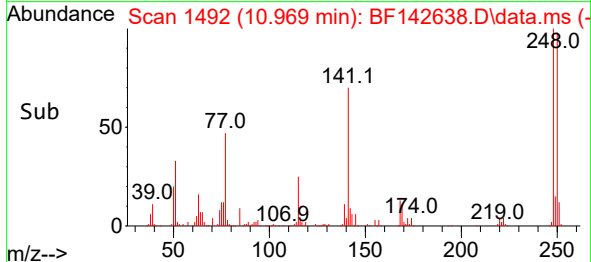
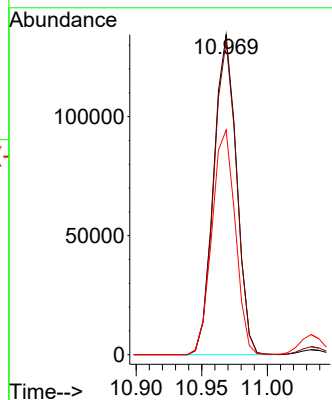


#67
4-Bromophenyl-phenylether
Concen: 40.892 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Instrument :
BNA_F
ClientSampleId :

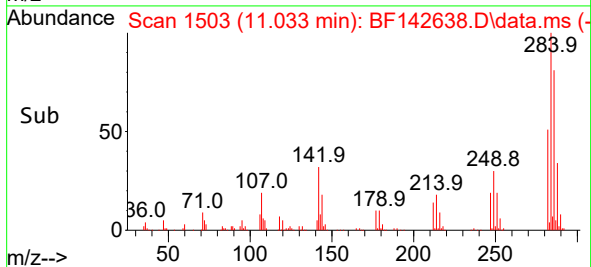
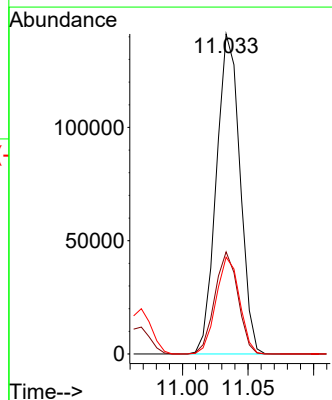
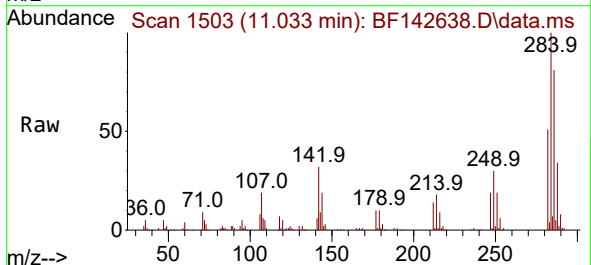


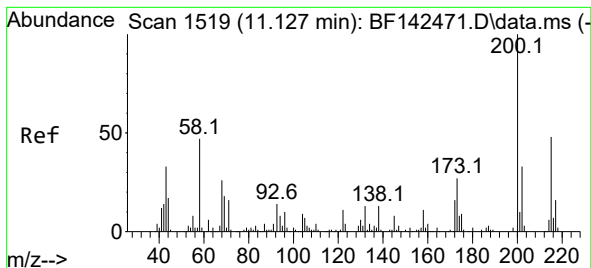
Tgt Ion:248 Resp: 163194
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.4
141 70.2 58.4 87.6



#68
Hexachlorobenzene
Concen: 40.015 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:284 Resp: 176625
Ion Ratio Lower Upper
284 100
142 31.9 24.8 37.2
249 30.3 23.6 35.4





#69

Atrazine

Concen: 33.738 ng

RT: 11.116 min Scan# 11

Delta R.T. -0.011 min

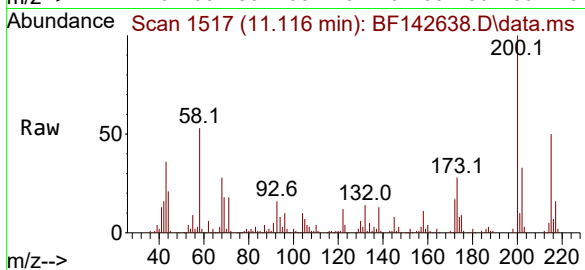
Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :



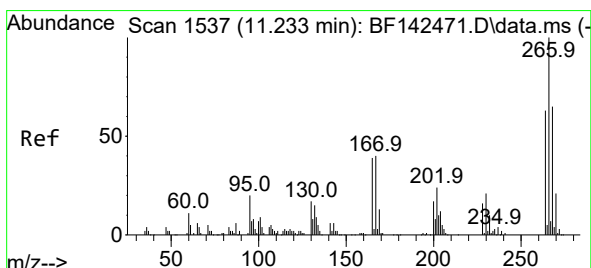
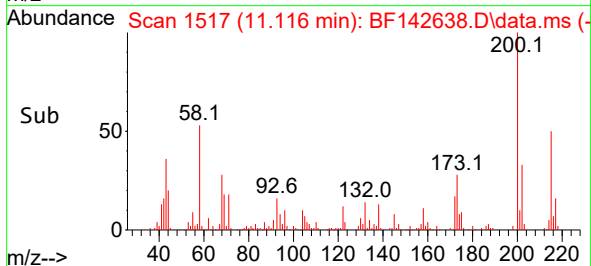
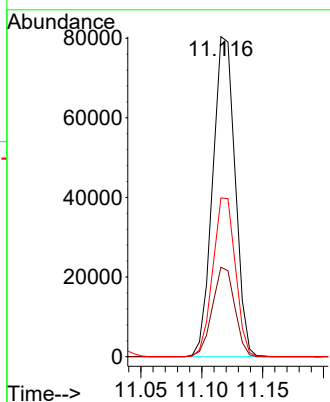
Tgt Ion:200 Resp: 103459

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 49.6 28.5 68.5



#70

Pentachlorophenol

Concen: 36.022 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

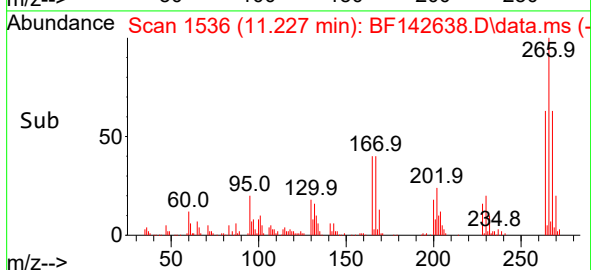
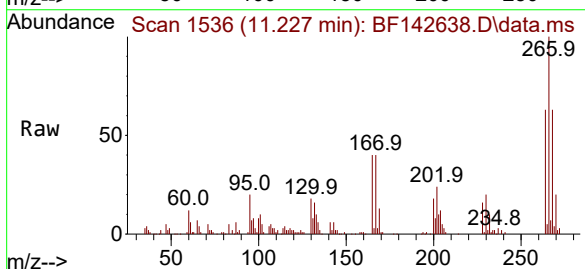
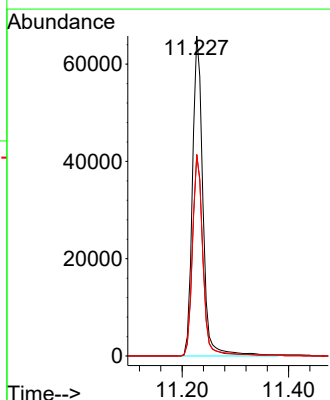
Tgt Ion:266 Resp: 89769

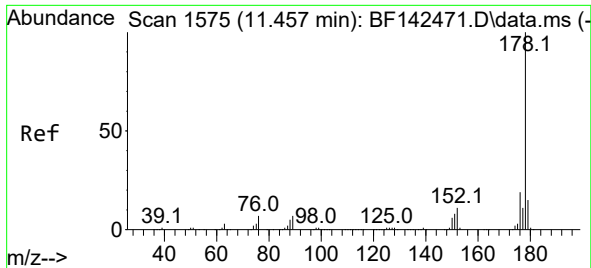
Ion Ratio Lower Upper

266 100

268 62.7 51.7 77.5

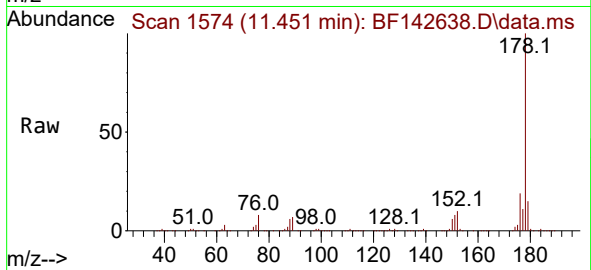
264 63.0 50.4 75.6



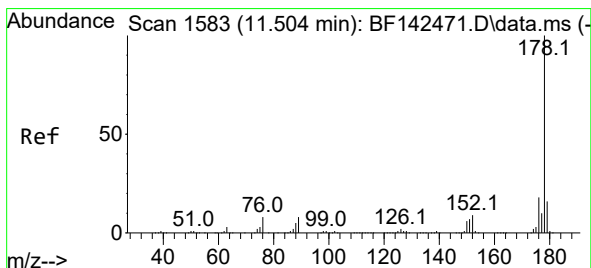
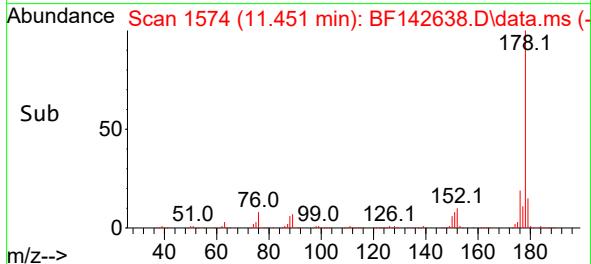
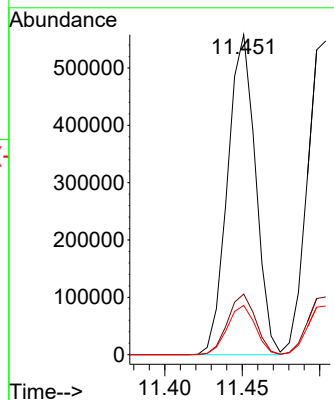


#71
Phenanthrene
Concen: 38.788 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Instrument :
BNA_F
ClientSampleId :

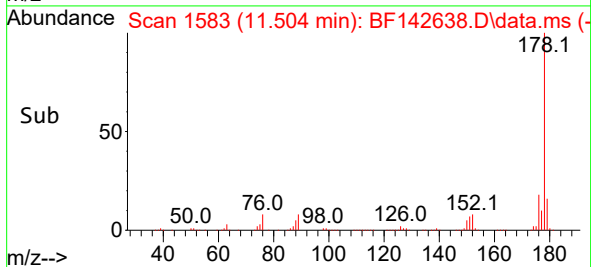
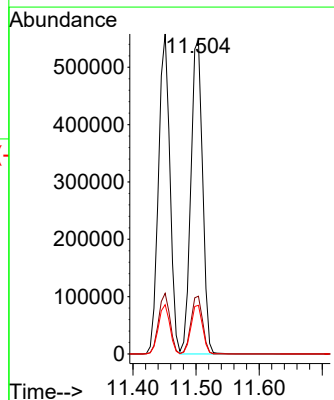
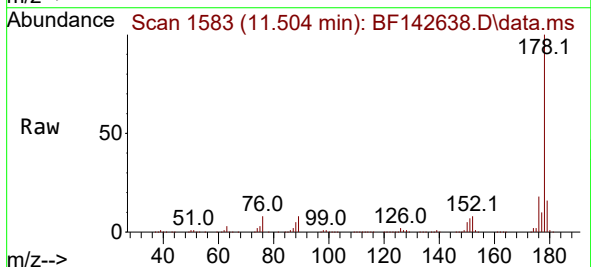


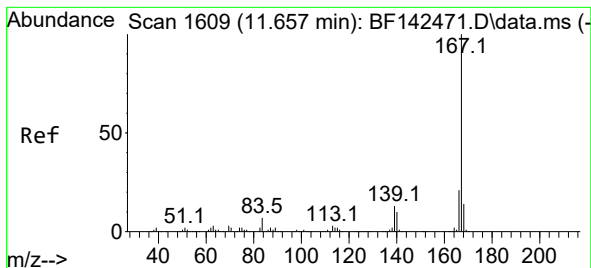
Tgt Ion:178 Resp: 699622
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 38.328 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:178 Resp: 705565
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.5 12.4 18.6





#73

Carbazole

Concen: 36.134 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :

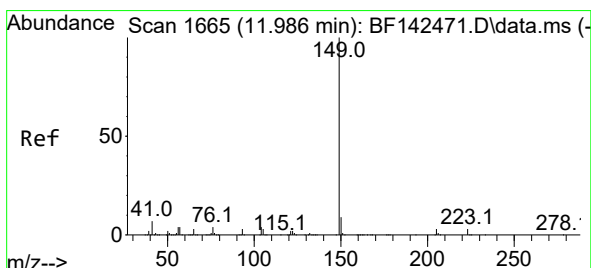
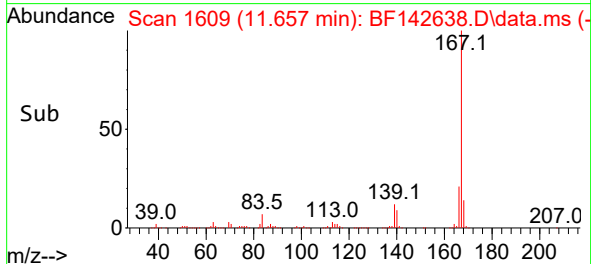
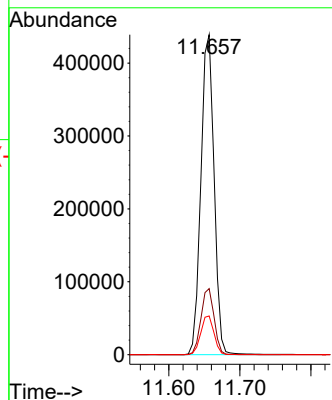
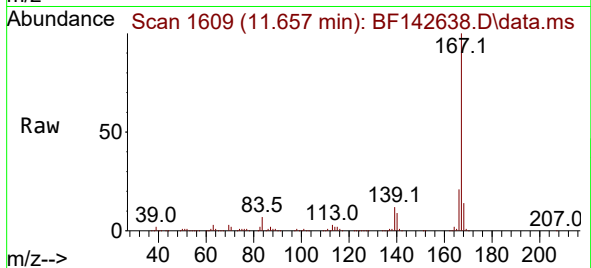
Tgt Ion:167 Resp: 568647

Ion Ratio Lower Upper

167 100

166 20.6 16.9 25.3

139 12.1 10.2 15.4



#74

Di-n-butylphthalate

Concen: 33.174 ng

RT: 11.980 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

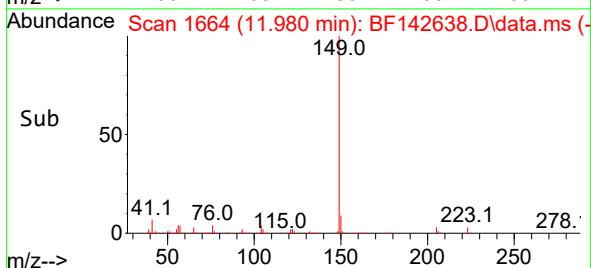
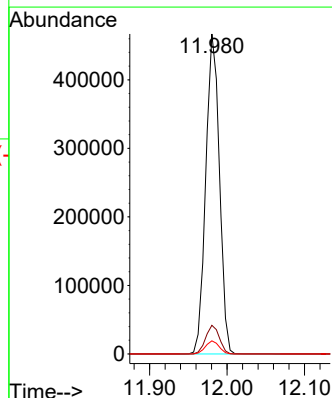
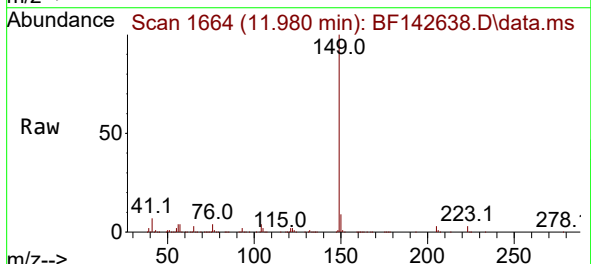
Tgt Ion:149 Resp: 571448

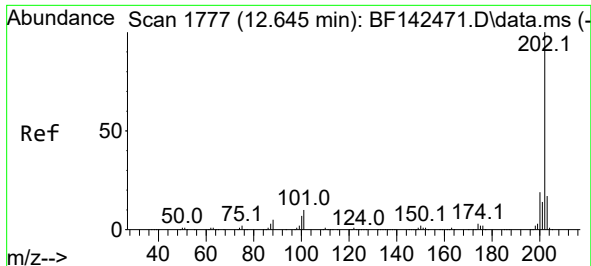
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

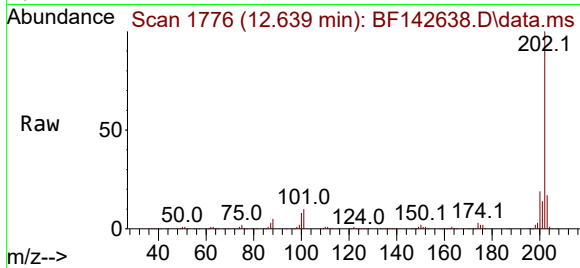
104 4.1 3.6 5.4



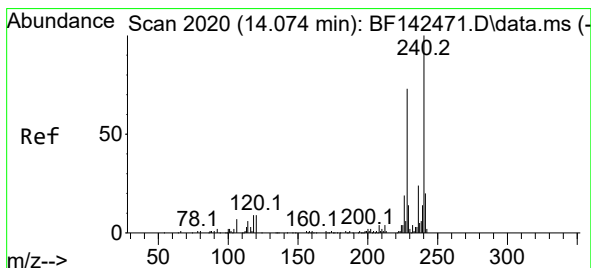
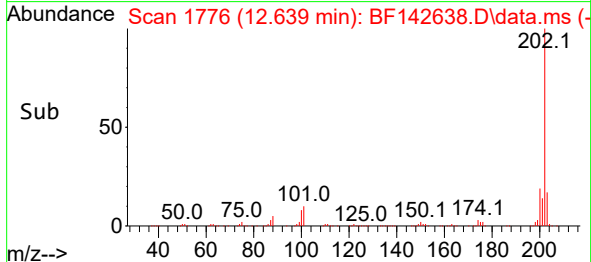
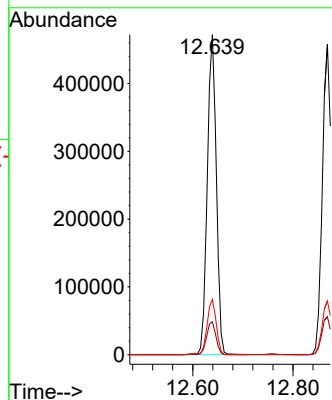


#75
Fluoranthene
Concen: 35.128 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Instrument :
BNA_F
ClientSampleId :

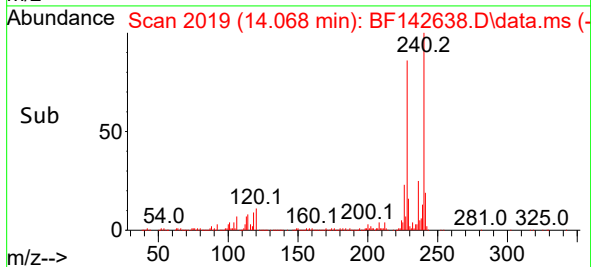
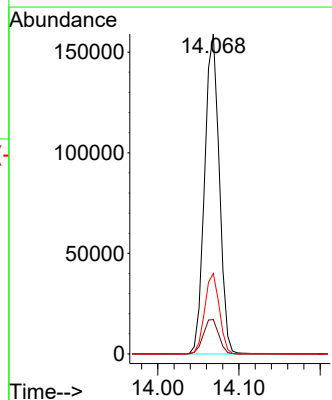
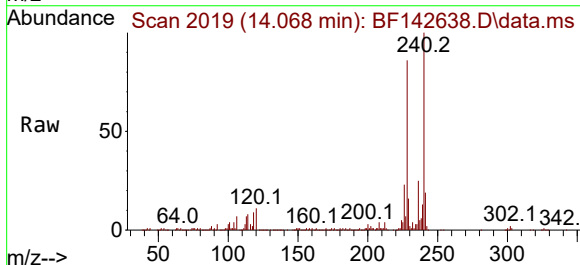


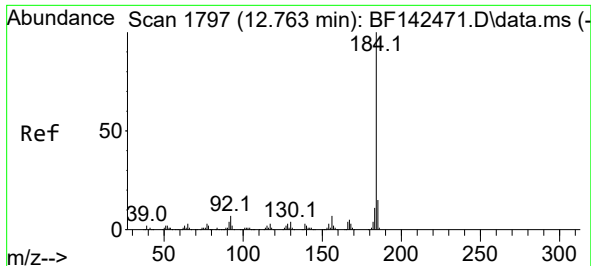
Tgt Ion:202 Resp: 592052
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.6
203 17.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:240 Resp: 199562
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.1 19.6 29.4

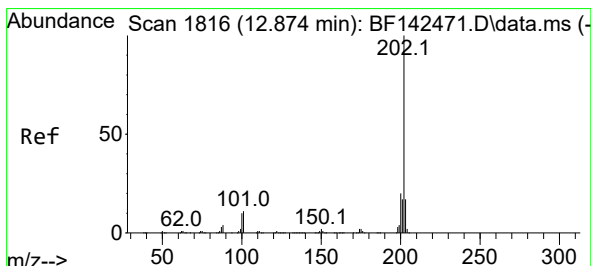
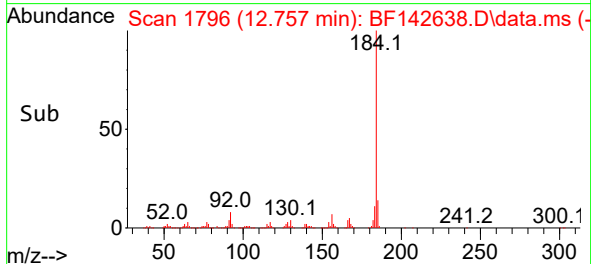
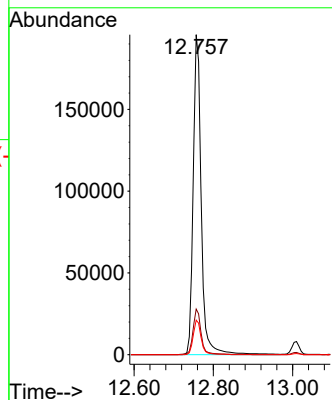
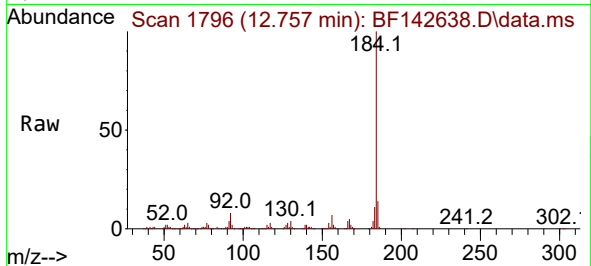




#77
Benzidine
Concen: 37.318 ng
RT: 12.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

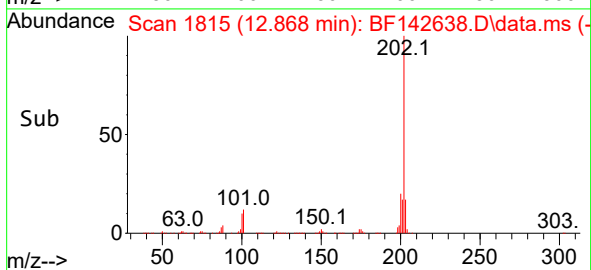
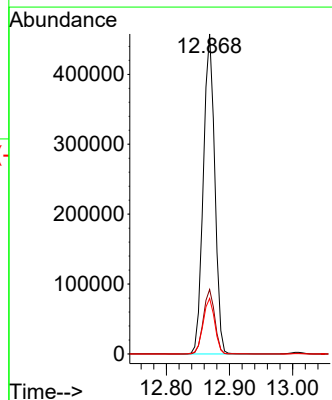
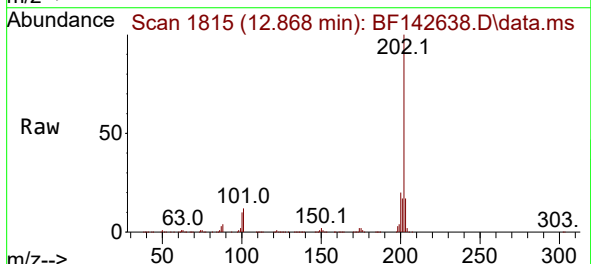
Instrument :
BNA_F
ClientSampleId :

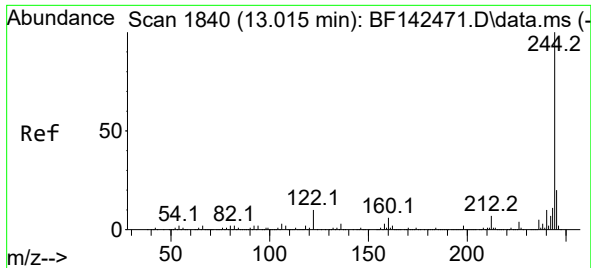
Tgt Ion:184 Resp: 277137
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 10.8 9.0 13.4



#78
Pyrene
Concen: 30.937 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

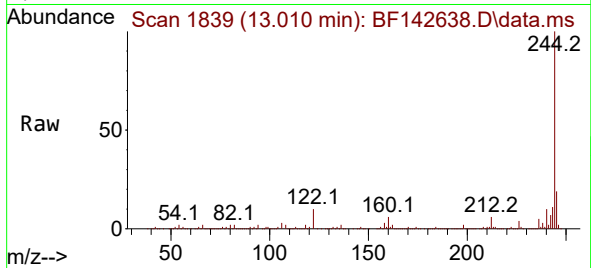
Tgt Ion:202 Resp: 575935
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.3 13.9 20.9



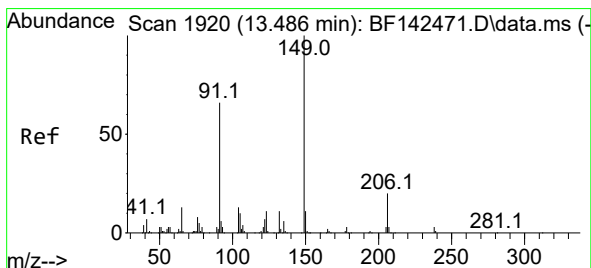
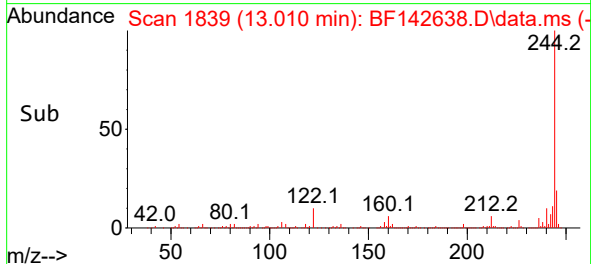
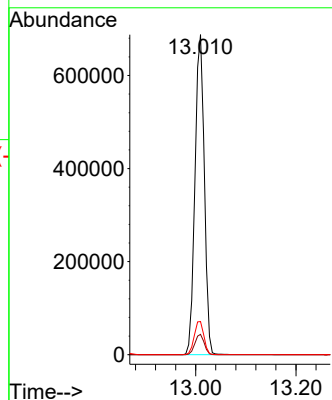


#79
 Terphenyl-d14
 Concen: 60.593 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142638.D
 Acq: 05 Jun 2025 17:18

Instrument :
 BNA_F
 ClientSampleId :

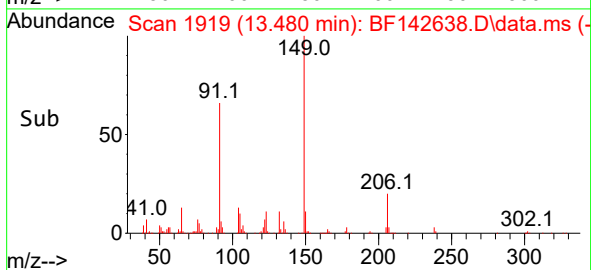
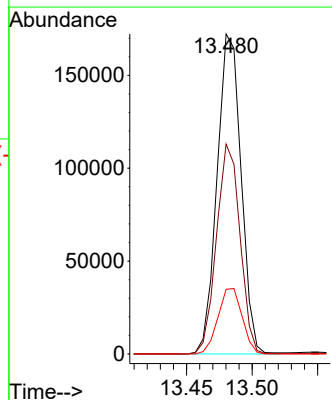
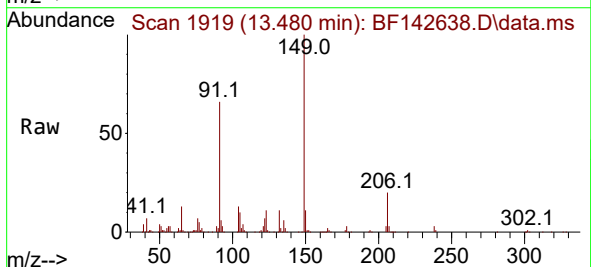


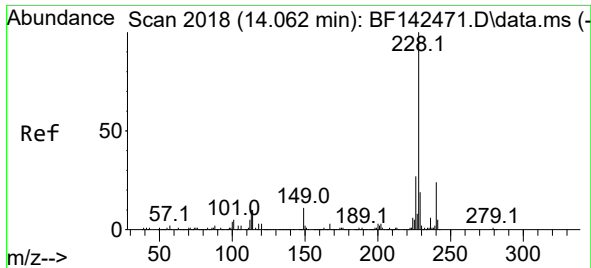
Tgt Ion:244 Resp: 884860
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 42.642 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF142638.D
 Acq: 05 Jun 2025 17:18

Tgt Ion:149 Resp: 219348
 Ion Ratio Lower Upper
 149 100
 91 65.6 52.9 79.3
 206 20.2 16.2 24.2

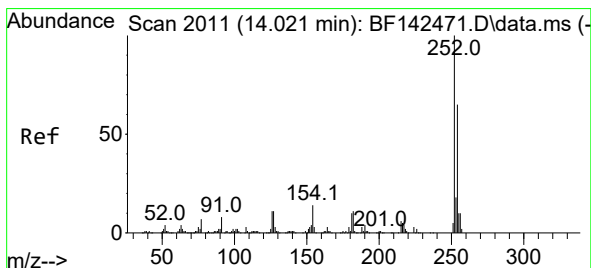
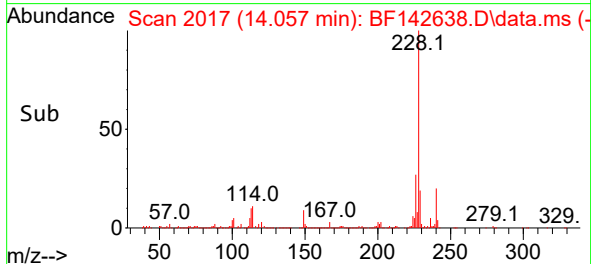
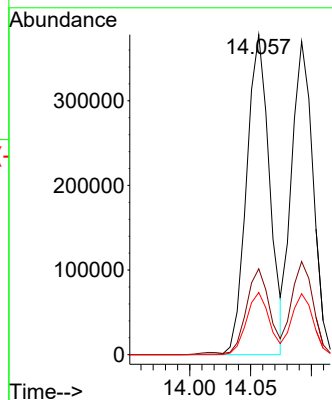
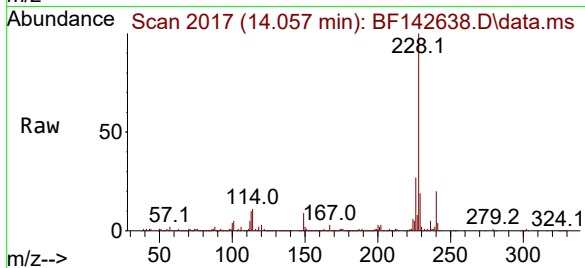




#81
Benzo(a)anthracene
Concen: 37.286 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

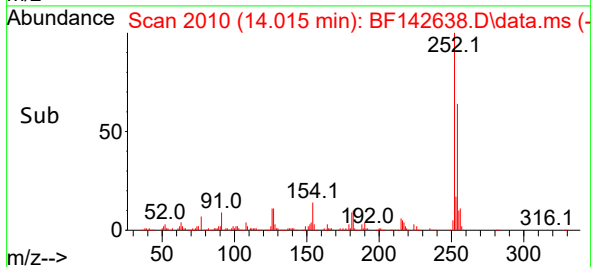
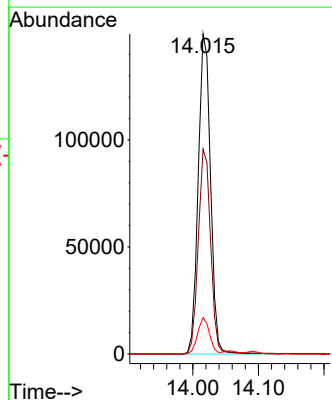
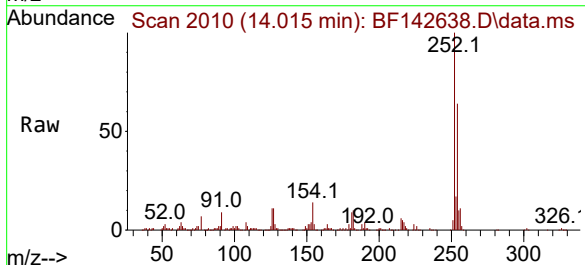
Instrument :
BNA_F
ClientSampleId :

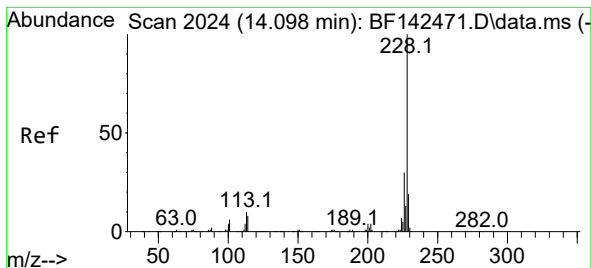
Tgt Ion:228 Resp: 496861
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 48.474 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:252 Resp: 195924
Ion Ratio Lower Upper
252 100
254 63.9 52.0 78.0
126 11.3 8.9 13.3





#83

Chrysene

Concen: 37.973 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :

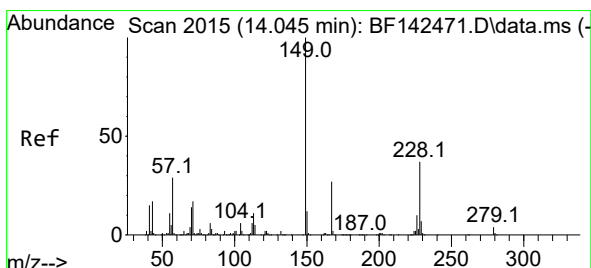
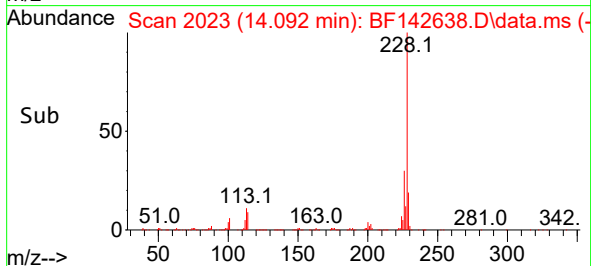
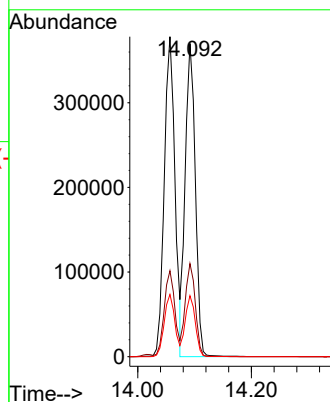
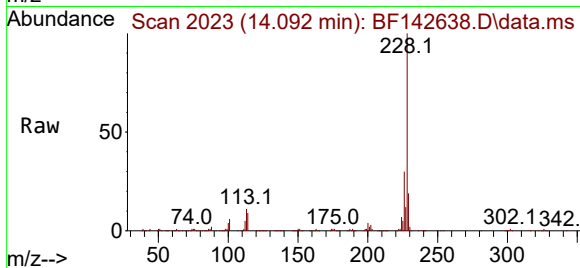
Tgt Ion:228 Resp: 454695

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.5 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.163 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

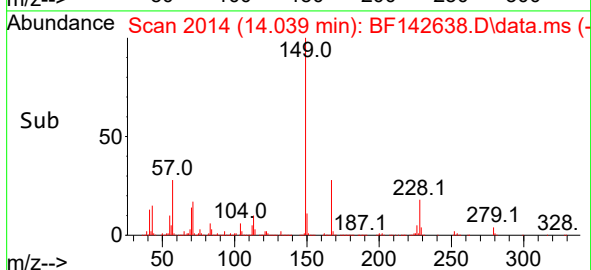
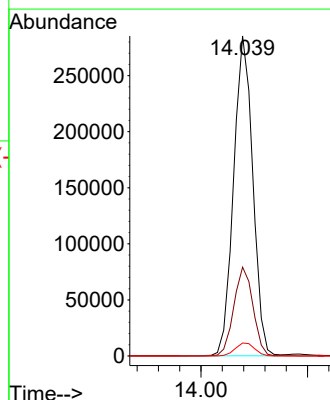
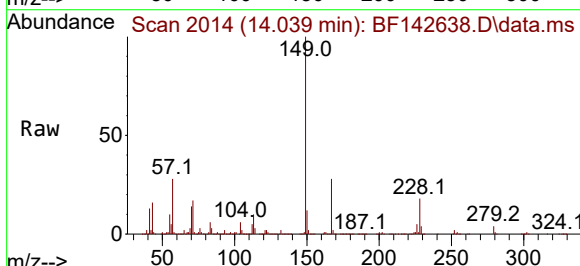
Tgt Ion:149 Resp: 356667

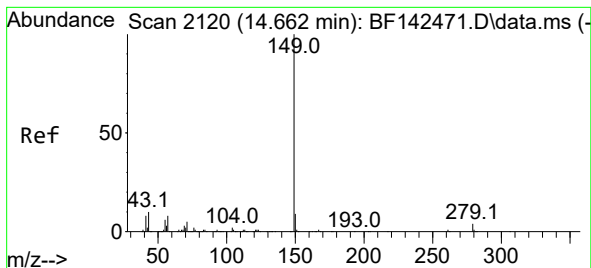
Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.009 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :

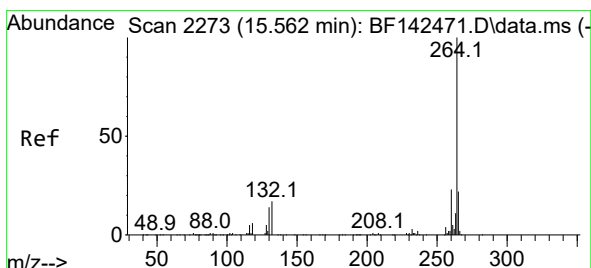
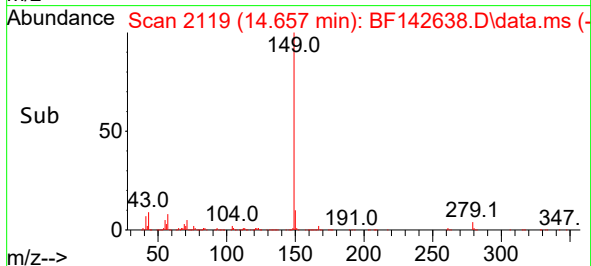
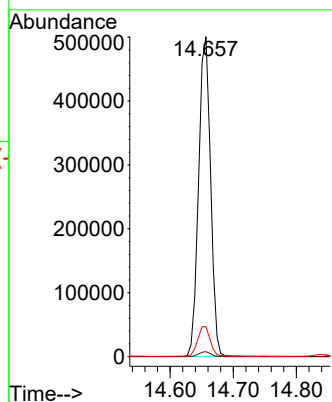
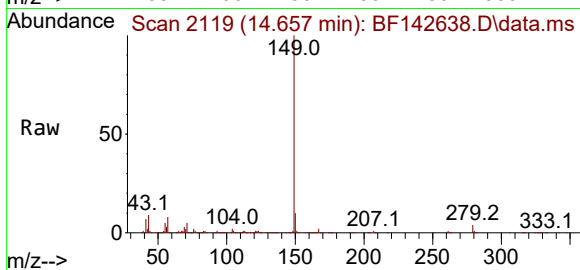
Tgt Ion:149 Resp: 656779

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

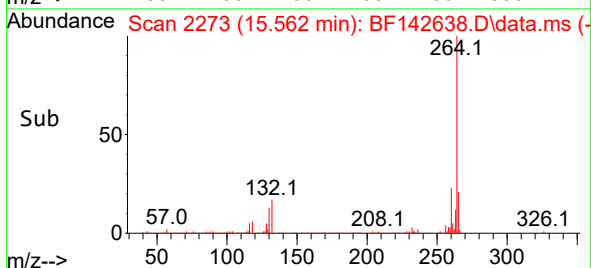
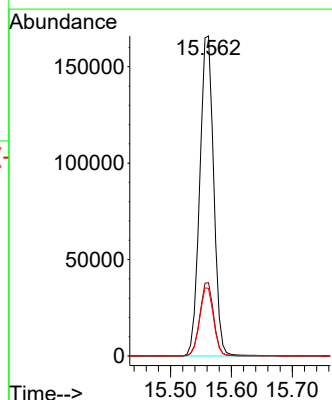
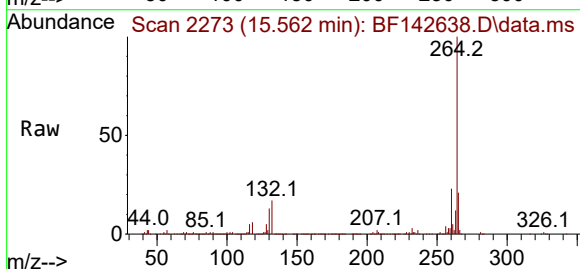
Tgt Ion:264 Resp: 263837

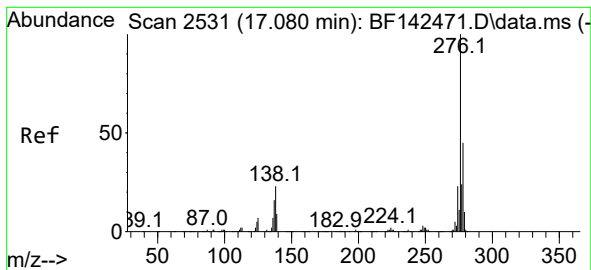
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.895 ng

RT: 17.080 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

Instrument :

BNA_F

ClientSampleId :

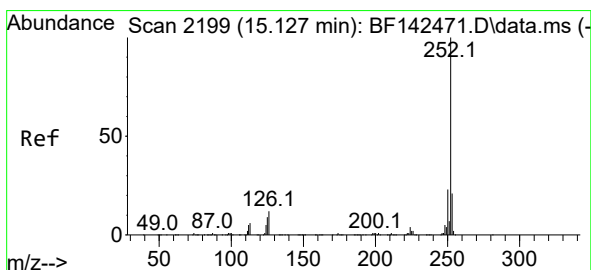
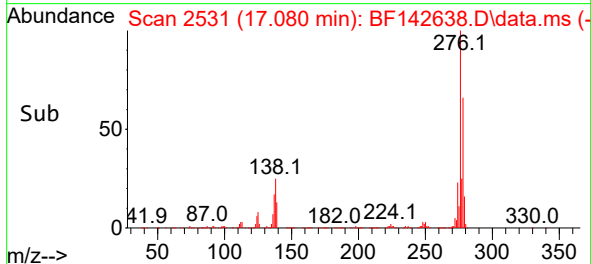
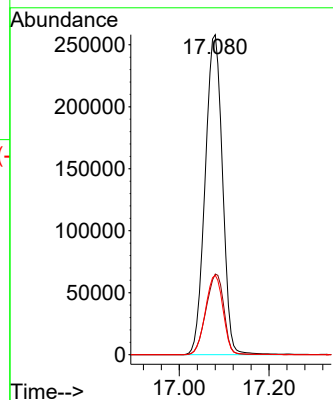
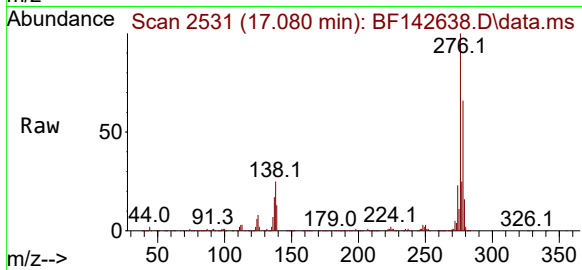
Tgt Ion:276 Resp: 691172

Ion Ratio Lower Upper

276 100

138 26.1 19.9 29.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 36.300 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142638.D

Acq: 05 Jun 2025 17:18

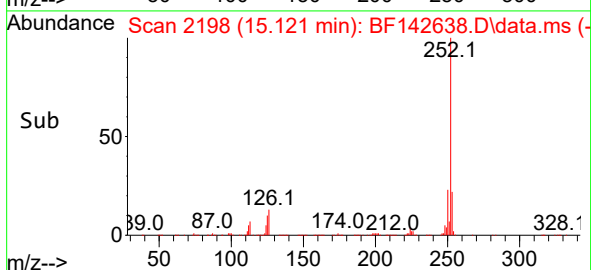
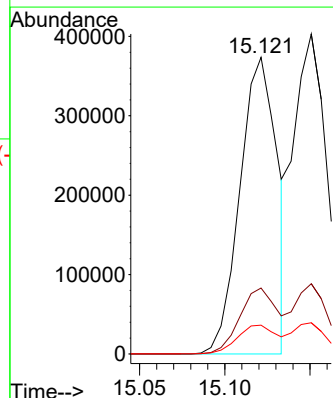
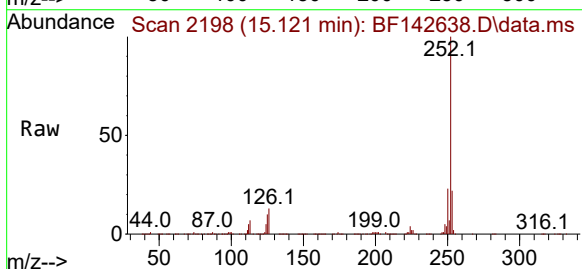
Tgt Ion:252 Resp: 566833

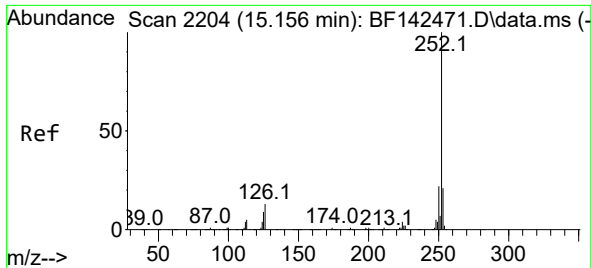
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 9.7 7.4 11.0

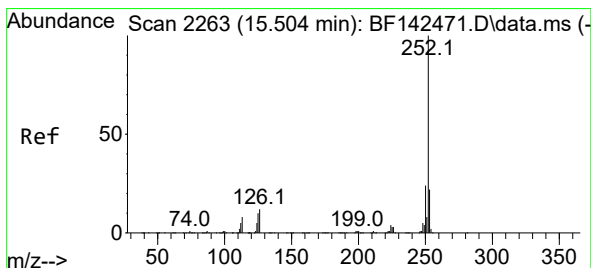
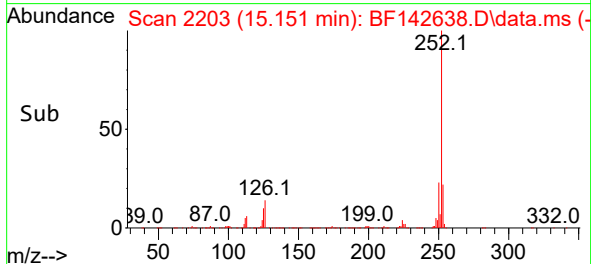
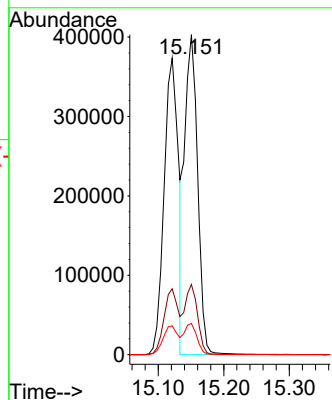
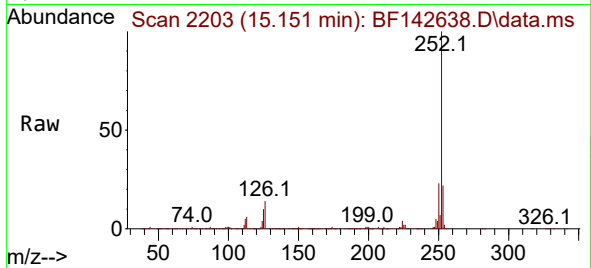




#89
Benzo(k)fluoranthene
Concen: 37.730 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

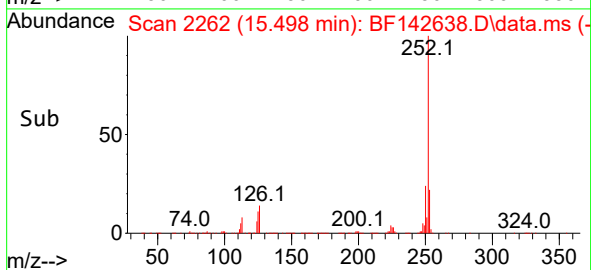
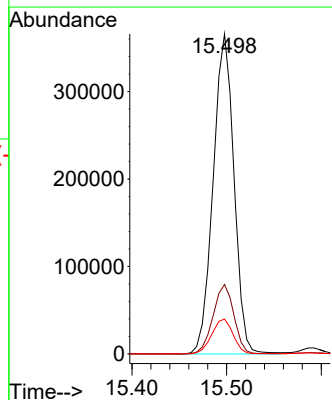
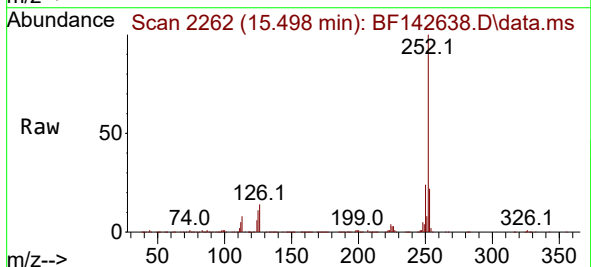
Instrument :
BNA_F
ClientSampleId :

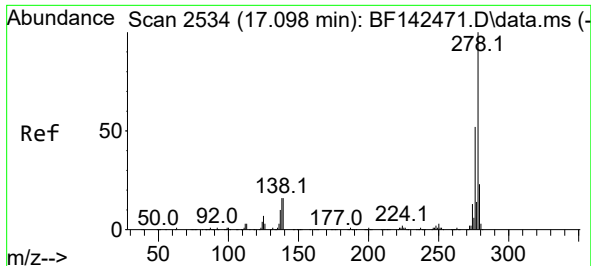
Tgt Ion:252 Resp: 551811
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 9.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 38.046 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:252 Resp: 559985
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.9 7.9 11.9

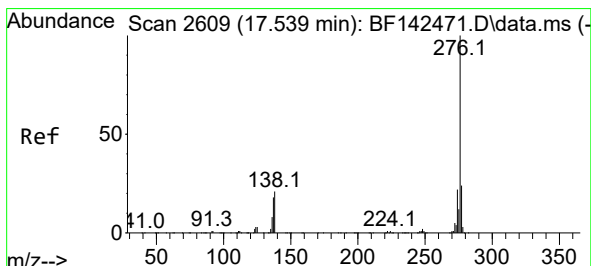
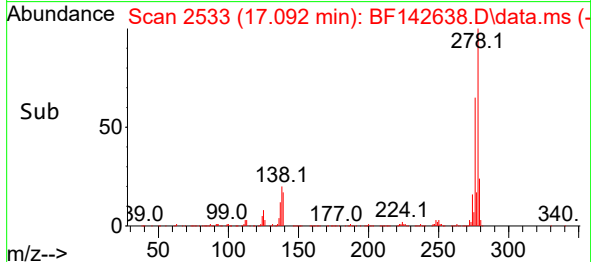
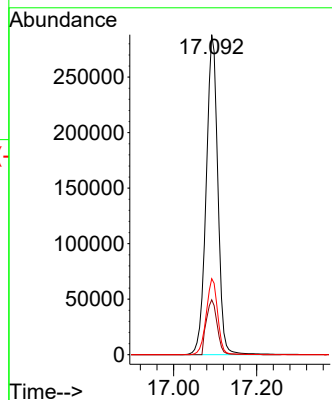
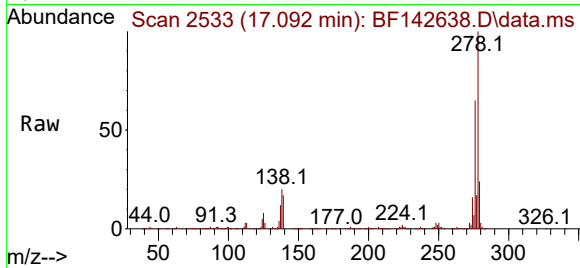




#91
Dibenzo(a,h)anthracene
Concen: 34.959 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 561607
Ion Ratio Lower Upper
278 100
139 17.2 12.8 19.2
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 34.791 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142638.D
Acq: 05 Jun 2025 17:18

Tgt Ion:276 Resp: 559018
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 22.3 16.8 25.2

