

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142836.D
 Acq On : 25 Jun 2025 14:25
 Operator : RC/JU
 Sample : PB168592BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168592BS

Quant Time: Jun 25 14:51:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	81651	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	296393	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	150433	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	242210	20.000	ng	0.00
76) Chrysene-d12	14.057	240	173489	20.000	ng	0.00
86) Perylene-d12	15.545	264	196328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	556114	113.396	ng	0.01
7) Phenol-d6	6.510	99	642235	110.998	ng	0.00
23) Nitrobenzene-d5	7.439	82	401632	74.326	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	188759	121.933	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	865774	75.605	ng	0.00
79) Terphenyl-d14	12.998	244	787323	62.704	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	68772	35.060	ng	99
3) Pyridine	3.481	79	187879	38.206	ng	98
4) n-Nitrosodimethylamine	3.428	42	106183	41.756	ng	99
6) Aniline	6.540	93	226530	29.424	ng	# 90
8) 2-Chlorophenol	6.663	128	221594	41.887	ng	99
9) Benzaldehyde	6.428	77	131188	38.217	ng	99
10) Phenol	6.528	94	259021	40.274	ng	87
11) bis(2-Chloroethyl)ether	6.610	93	198585	43.201	ng	99
12) 1,3-Dichlorobenzene	6.816	146	249638	42.194	ng	98
13) 1,4-Dichlorobenzene	6.892	146	249146	41.738	ng	99
14) 1,2-Dichlorobenzene	7.045	146	241318	42.622	ng	99
15) Benzyl Alcohol	7.022	79	173328	41.438	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	304508	41.232	ng	96
17) 2-Methylphenol	7.134	107	165646	41.318	ng	98
18) Hexachloroethane	7.386	117	89305	42.773	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	139808	41.546	ng	100
20) 3+4-Methylphenols	7.287	107	207652	41.543	ng	94
22) Acetophenone	7.287	105	290803	44.492	ng	99
24) Nitrobenzene	7.463	77	215096	43.980	ng	97
25) Isophorone	7.698	82	380021	43.841	ng	100
26) 2-Nitrophenol	7.775	139	120125	45.088	ng	99
27) 2,4-Dimethylphenol	7.816	122	197200	42.731	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	240634	43.665	ng	99
29) 2,4-Dichlorophenol	8.022	162	180538	43.145	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	201493	43.791	ng	99
31) Naphthalene	8.181	128	632908	43.625	ng	100
32) Benzoic acid	7.928	122	109212	46.431	ng	95
33) 4-Chloroaniline	8.233	127	137919	23.379	ng	98
34) Hexachlorobutadiene	8.298	225	125139	44.463	ng	100
35) Caprolactam	8.598	113	33974	30.769	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	177044	42.573	ng	100
37) 2-Methylnaphthalene	8.875	142	388612	43.206	ng	100
38) 1-Methylnaphthalene	8.975	142	405799	43.583	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	197534	44.502	ng	99
41) Hexachlorocyclopentadiene	9.028	237	236501	93.890	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	125833	43.504	ng	99

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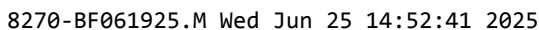
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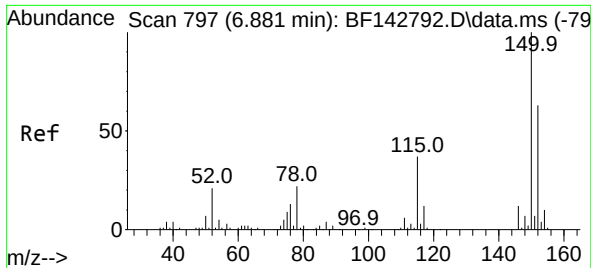
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	131160	43.077	ng	99
46) 1,1'-Biphenyl	9.339	154	526601	44.314	ng	100
47) 2-Chloronaphthalene	9.369	162	391214	43.870	ng	99
48) 2-Nitroaniline	9.463	65	107279	42.910	ng	95
49) Acenaphthylene	9.780	152	641037	43.666	ng	100
50) Dimethylphthalate	9.639	163	432670	44.433	ng	100
51) 2,6-Dinitrotoluene	9.704	165	94530	44.205	ng	99
52) Acenaphthene	9.957	154	432857	48.327	ng	99
53) 3-Nitroaniline	9.875	138	58192	24.716	ng	94
54) 2,4-Dinitrophenol	9.986	184	111563	104.189	ng	92
55) Dibenzofuran	10.128	168	553767	43.115	ng	99
56) 4-Nitrophenol	10.039	139	148233	91.963	ng	99
57) 2,4-Dinitrotoluene	10.110	165	130569	45.967	ng	98
58) Fluorene	10.469	166	431494	43.017	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	109923	44.788	ng	95
60) Diethylphthalate	10.339	149	434869	45.548	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	208164	43.489	ng	98
62) 4-Nitroaniline	10.486	138	95217	44.219	ng	99
63) Azobenzene	10.622	77	368801	43.219	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	70935	48.418	ng	99
66) n-Nitrosodiphenylamine	10.580	169	371386	44.242	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	125614	45.569	ng	97
68) Hexachlorobenzene	11.022	284	135788	44.331	ng	98
69) Atrazine	11.104	200	111873	51.609	ng	99
70) Pentachlorophenol	11.216	266	143315	93.897	ng	99
71) Phenanthrene	11.433	178	582659	44.408	ng	100
72) Anthracene	11.486	178	599633	44.562	ng	100
73) Carbazole	11.639	167	528549	45.517	ng	100
74) Di-n-butylphthalate	11.969	149	622098	51.426	ng	100
75) Fluoranthene	12.627	202	584298	46.924	ng	99
77) Benzidine	12.745	184	263635	40.446	ng	99
78) Pyrene	12.857	202	580194	35.678	ng	100
80) Butylbenzylphthalate	13.468	149	236584	50.154	ng	98
81) Benzo(a)anthracene	14.045	228	510276	43.600	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	73088	19.253	ng	99
83) Chrysene	14.080	228	476475	45.624	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	346643	51.075	ng	99
85) Di-n-octyl phthalate	14.645	149	600884	46.953	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	609525	40.760	ng	99
88) Benzo(b)fluoranthene	15.110	252	513076	45.164	ng	100
89) Benzo(k)fluoranthene	15.139	252	519326	48.862	ng	100
90) Benzo(a)pyrene	15.486	252	502904	45.823	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	495314	40.765	ng	99
92) Benzo(g,h,i)perylene	17.521	276	494097	40.780	ng	98

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

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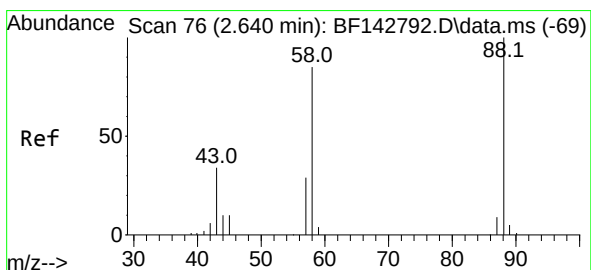
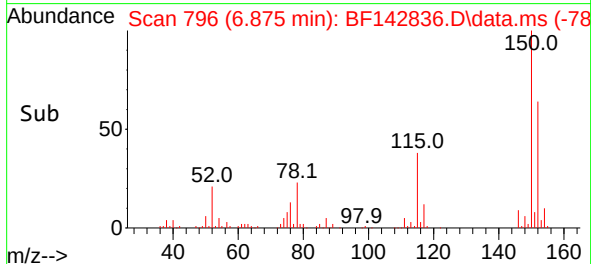
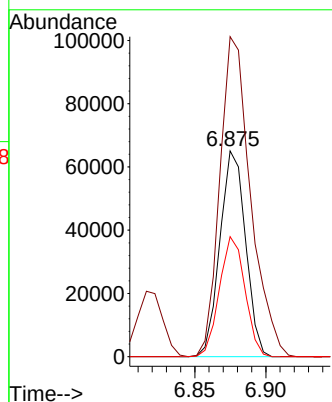
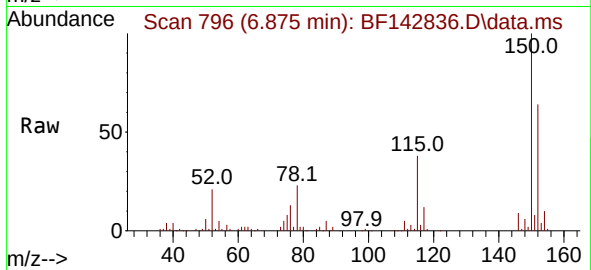




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142836.D
 Acq: 25 Jun 2025 14:25

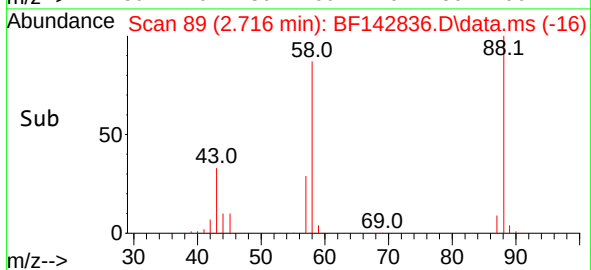
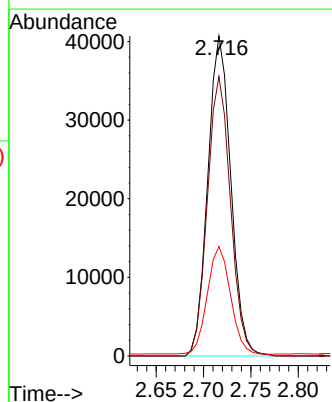
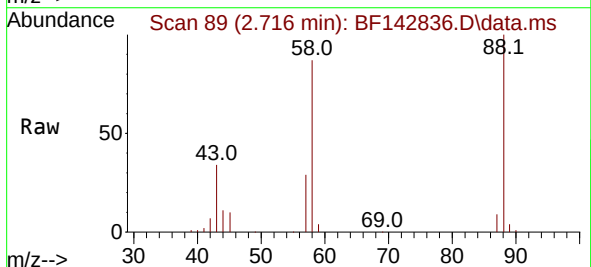
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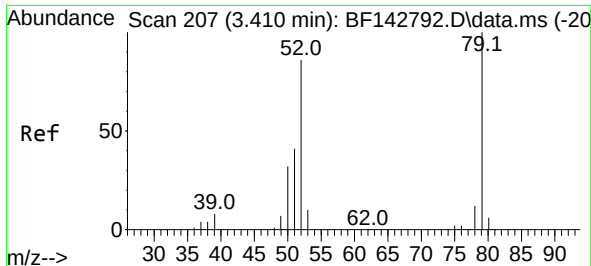
Tgt Ion:152 Resp: 81651
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.2 190.8
 115 58.3 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.060 ng
 RT: 2.716 min Scan# 89
 Delta R.T. 0.076 min
 Lab File: BF142836.D
 Acq: 25 Jun 2025 14:25

Tgt Ion: 88 Resp: 68772
 Ion Ratio Lower Upper
 88 100
 58 87.9 69.1 103.7
 43 33.9 27.4 41.2



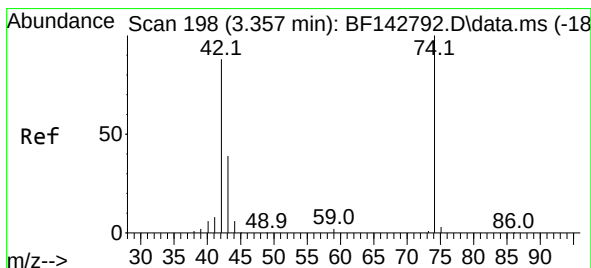
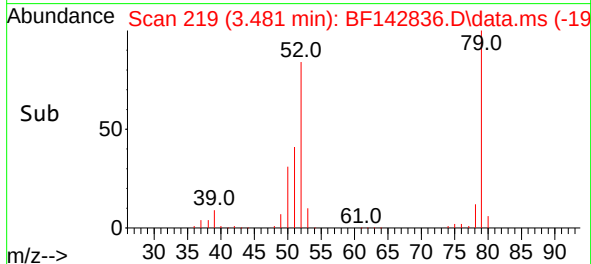
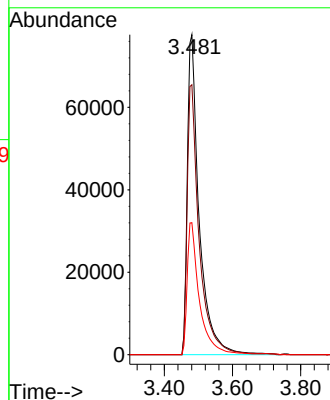
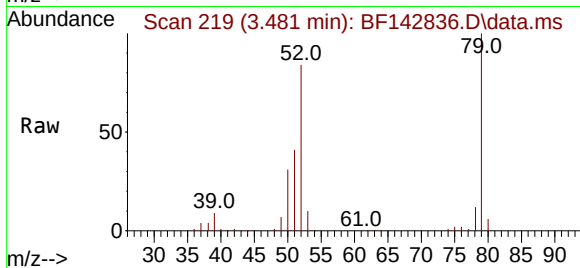


#3
 Pyridine
 Concen: 38.206 ng
 RT: 3.481 min Scan# 210
 Delta R.T. 0.071 min
 Lab File: BF142836.D
 Acq: 25 Jun 2025 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB168592BS

Tgt Ion: 79 Resp: 187879

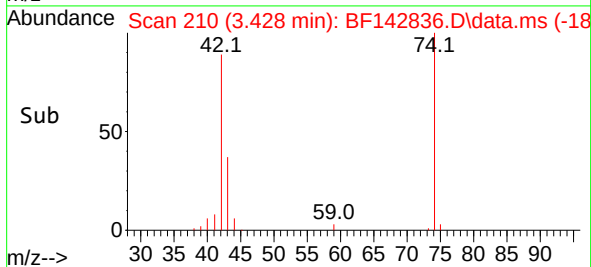
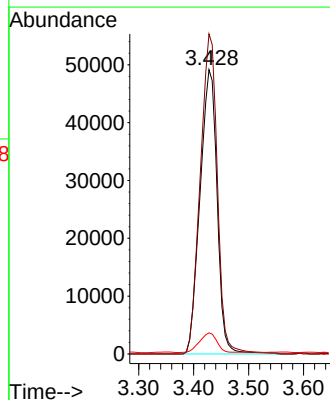
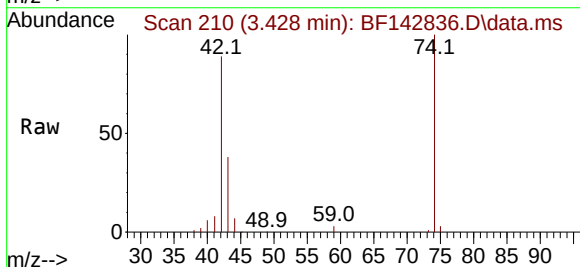
Ion	Ratio	Lower	Upper
79	100		
52	84.4	69.2	103.8
51	41.3	33.2	49.8

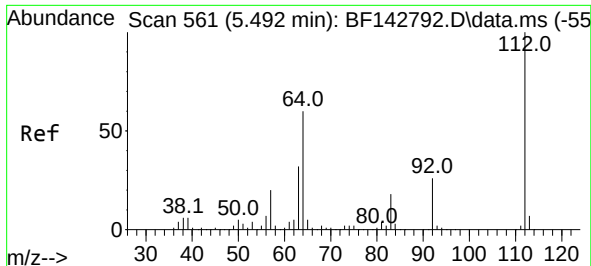


#4
 n-Nitrosodimethylamine
 Concen: 41.756 ng
 RT: 3.428 min Scan# 210
 Delta R.T. 0.071 min
 Lab File: BF142836.D
 Acq: 25 Jun 2025 14:25

Tgt Ion: 42 Resp: 106183

Ion	Ratio	Lower	Upper
42	100		
74	112.5	90.9	136.3
44	7.5	5.8	8.6

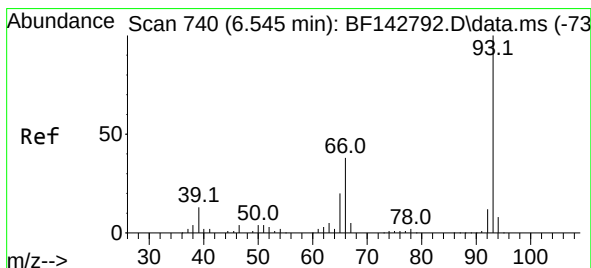
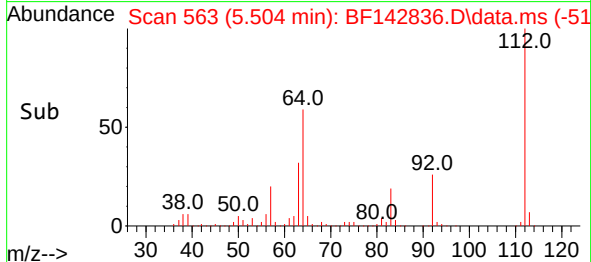
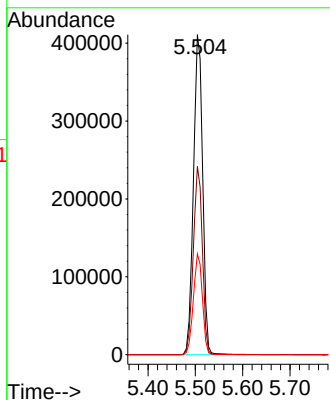
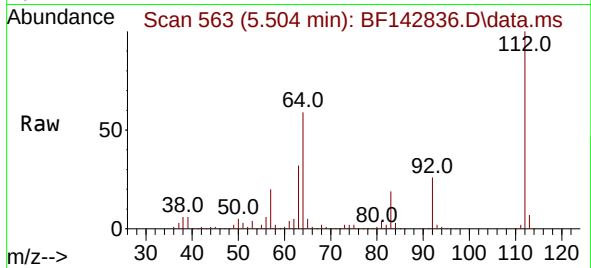




#5
2-Fluorophenol
Concen: 113.396 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

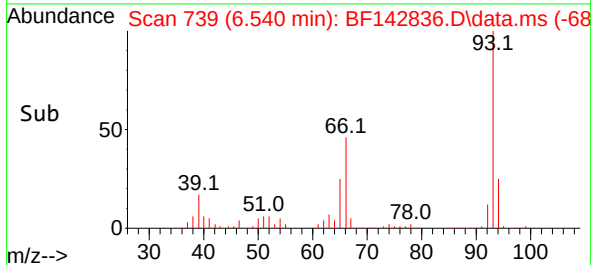
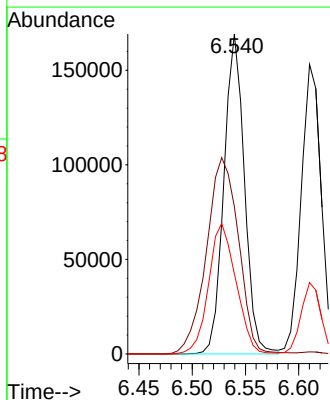
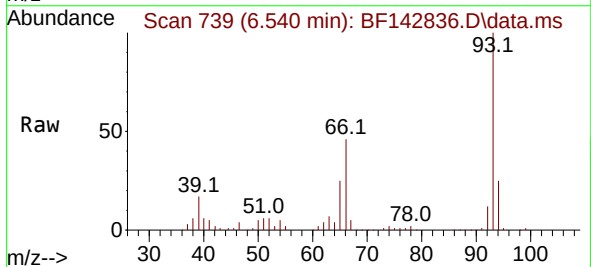
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ClientSampleId :
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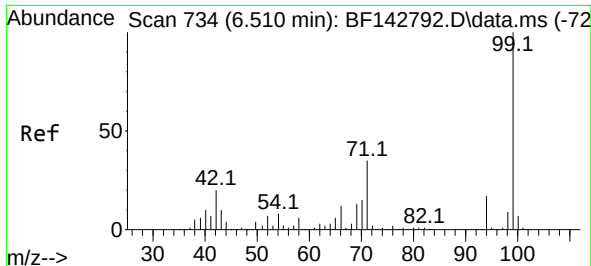
Tgt Ion:112 Resp: 556114
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.2
63 31.5 25.7 38.5



#6
Aniline
Concen: 29.424 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion: 93 Resp: 226530
Ion Ratio Lower Upper
93 100
66 46.1 31.8 47.6
65 25.1 16.2 24.2#

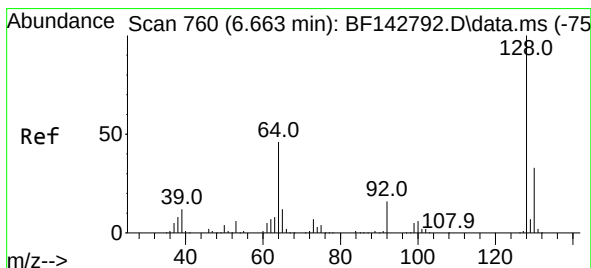
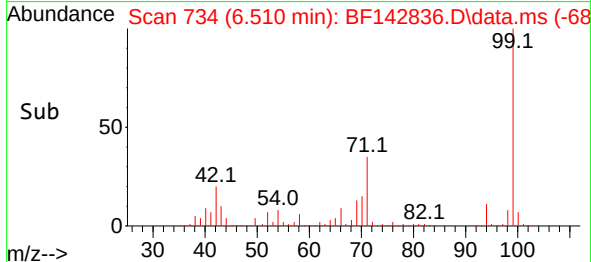
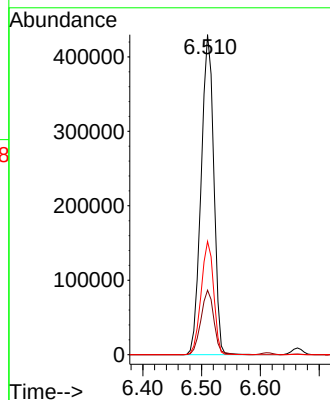
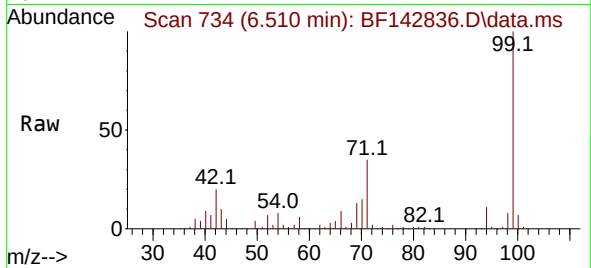




#7
Phenol-d6
Concen: 110.998 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

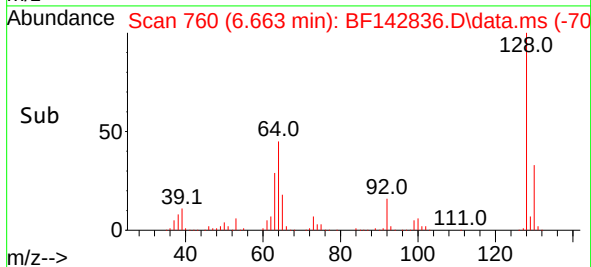
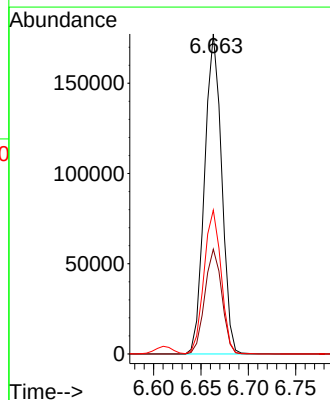
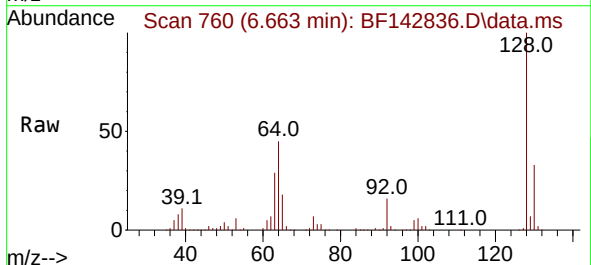
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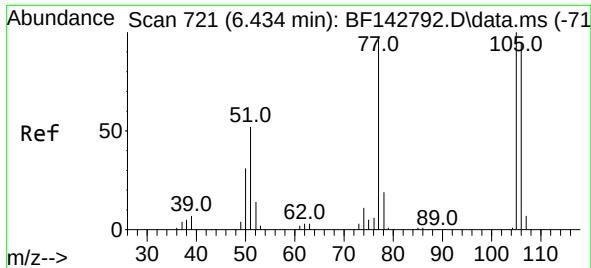
Tgt Ion: 99 Resp: 642235
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 35.4 27.8 41.8



#8
2-Chlorophenol
Concen: 41.887 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion: 128 Resp: 221594
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 45.0 26.5 66.5

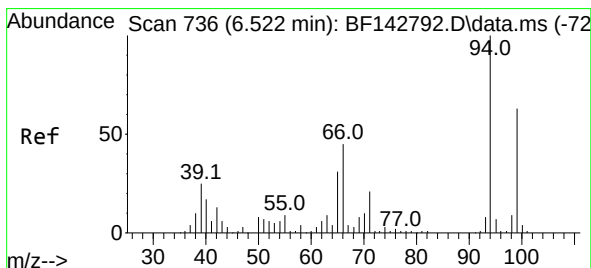
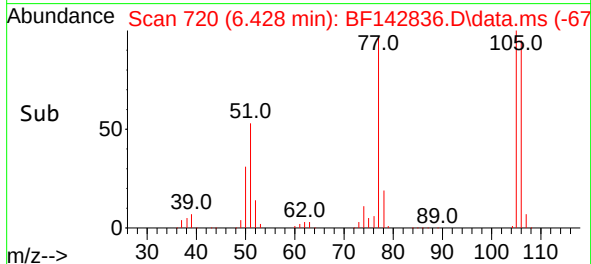
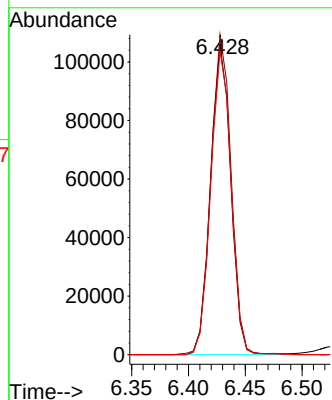
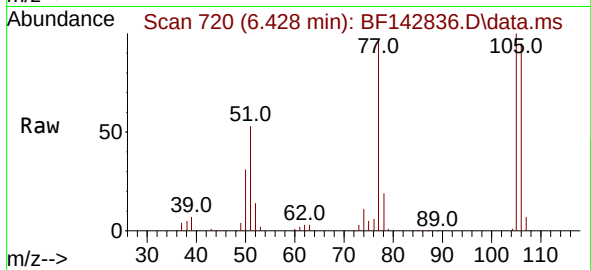




#9
Benzaldehyde
Concen: 38.217 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

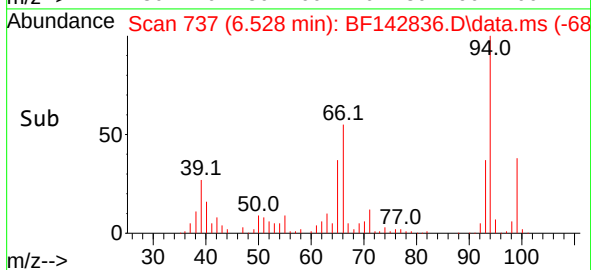
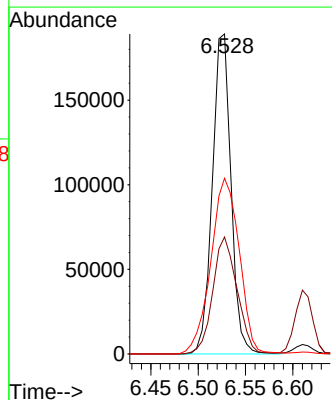
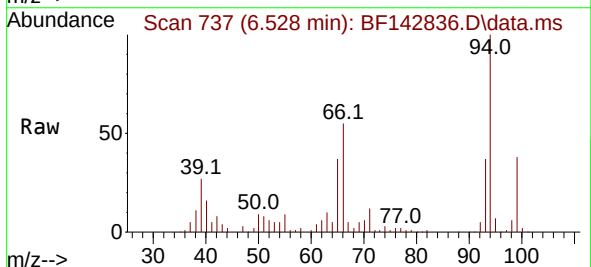
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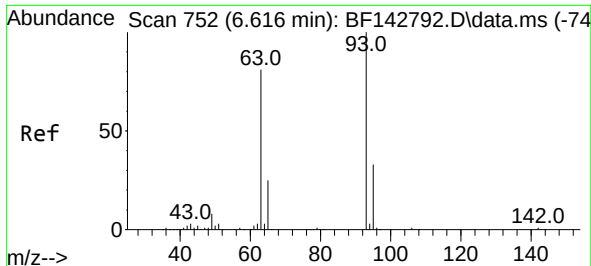
Tgt Ion: 77 Resp: 131188
Ion Ratio Lower Upper
77 100
105 103.1 83.8 123.8
106 97.8 78.7 118.7



#10
Phenol
Concen: 40.274 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142836.D
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Tgt Ion: 94 Resp: 259021
Ion Ratio Lower Upper
94 100
65 36.6 11.3 51.3
66 54.9 24.9 64.9

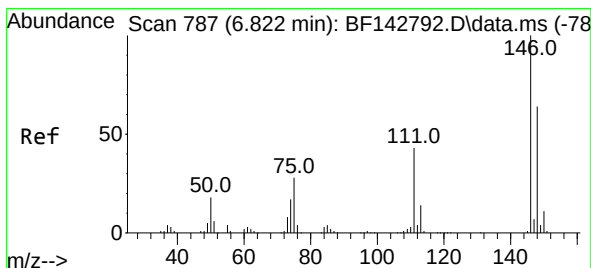
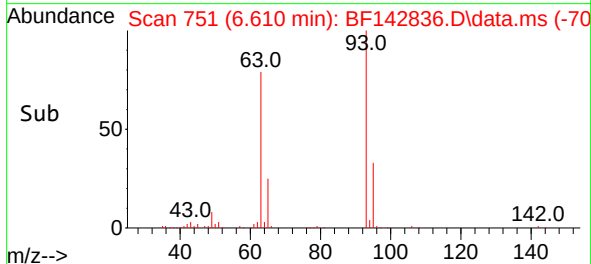
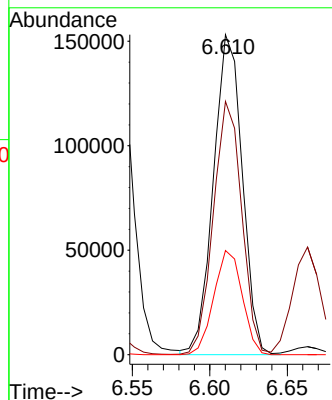
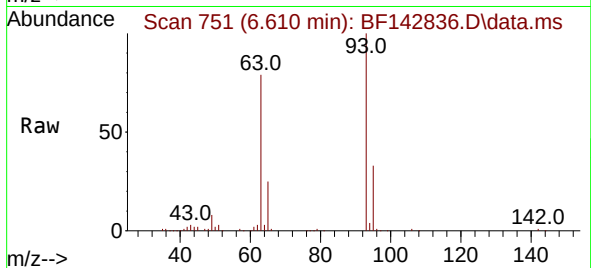




#11
bis(2-Chloroethyl)ether
Concen: 43.201 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

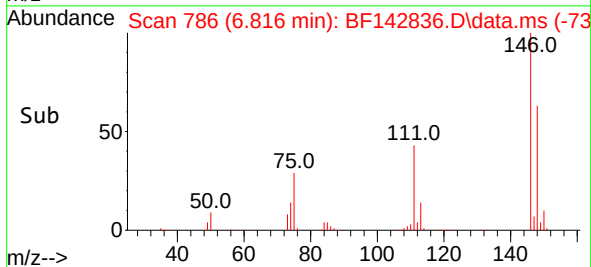
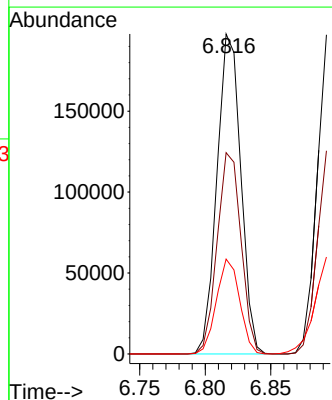
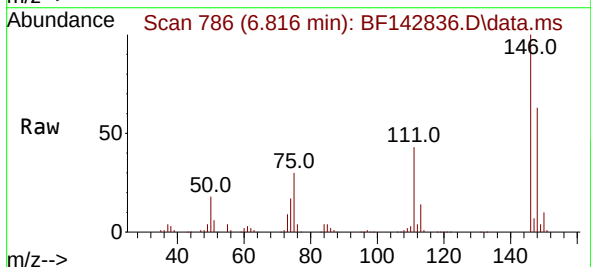
Instrument :
BNA_F
ClientSampleId :
PB168592BS

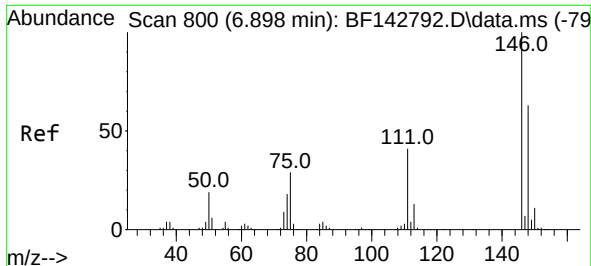
Tgt Ion: 93 Resp: 198585
Ion Ratio Lower Upper
93 100
63 79.1 60.3 100.3
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.194 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:146 Resp: 249638
Ion Ratio Lower Upper
146 100
148 62.9 51.1 76.7
75 29.6 22.7 34.1

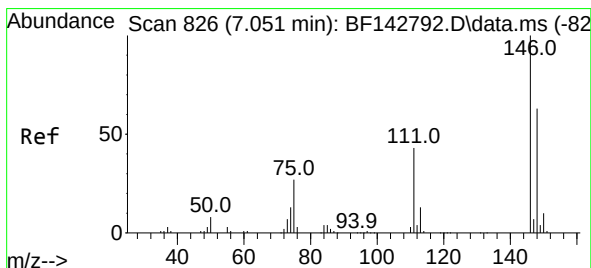
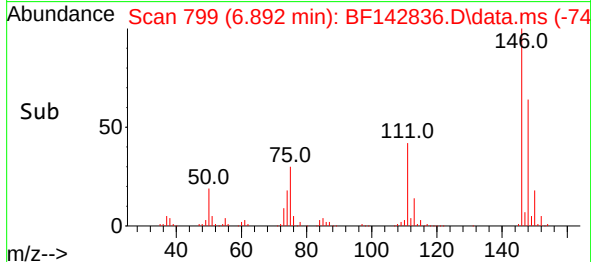
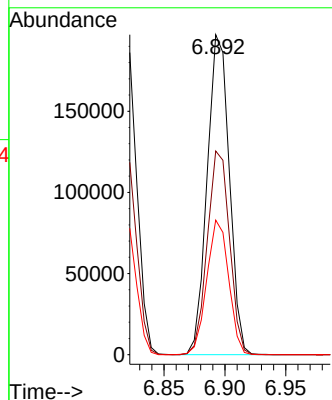
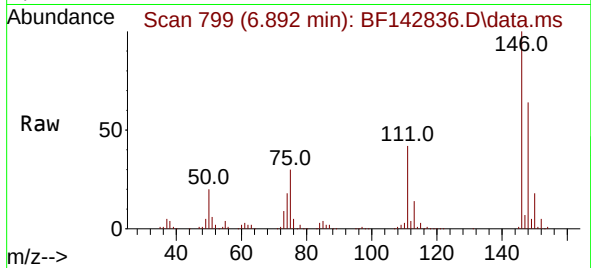




#13
1,4-Dichlorobenzene
Concen: 41.738 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

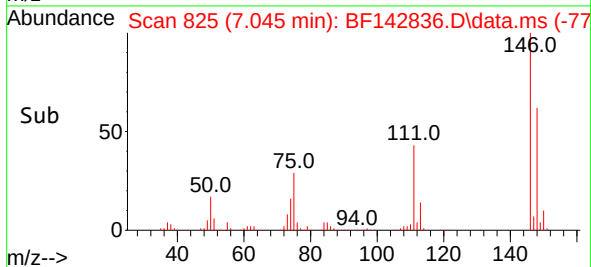
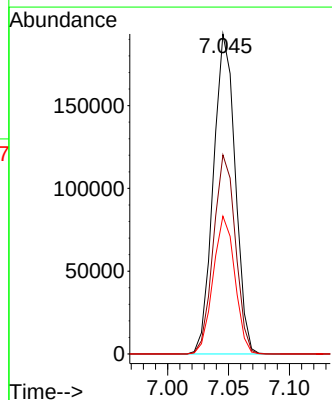
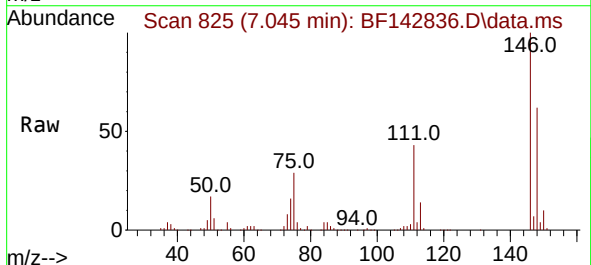
Instrument :
BNA_F
ClientSampleId :
PB168592BS

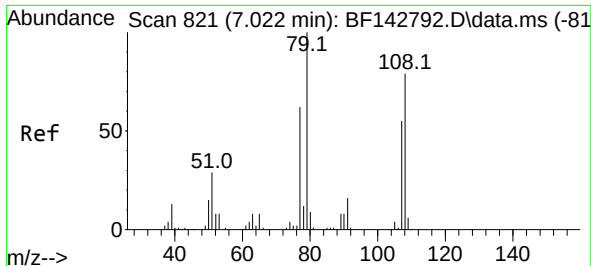
Tgt Ion:146 Resp: 249146
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 42.0 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 42.622 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:146 Resp: 241318
Ion Ratio Lower Upper
146 100
148 62.2 50.4 75.6
111 43.1 34.1 51.1

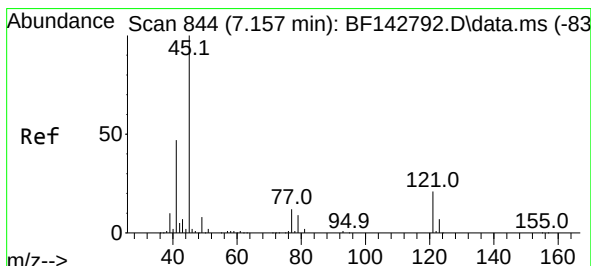
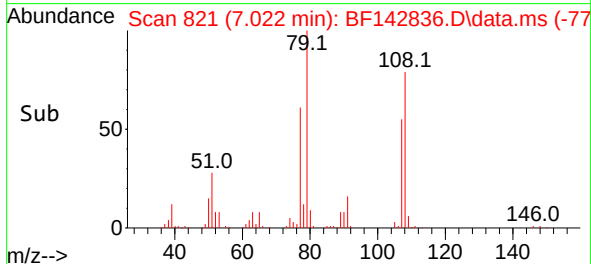
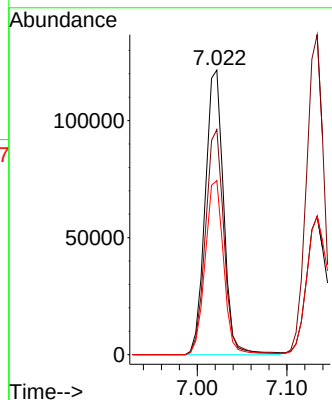
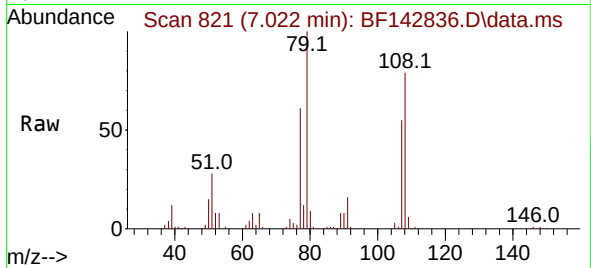




#15
Benzyl Alcohol
Concen: 41.438 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

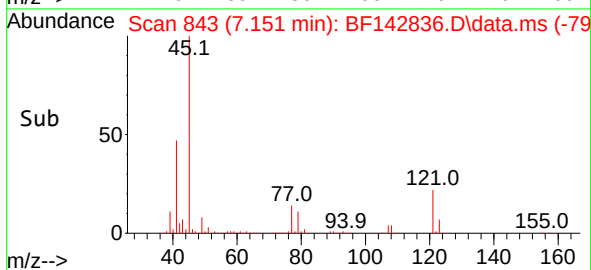
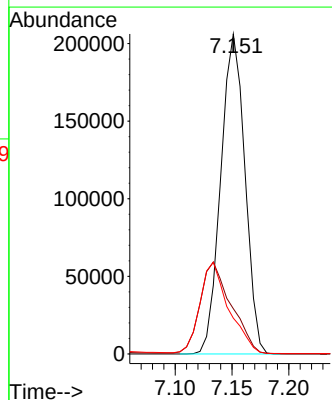
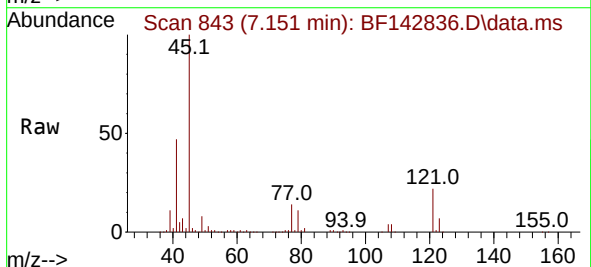
Instrument :
BNA_F
ClientSampleId :
PB168592BS

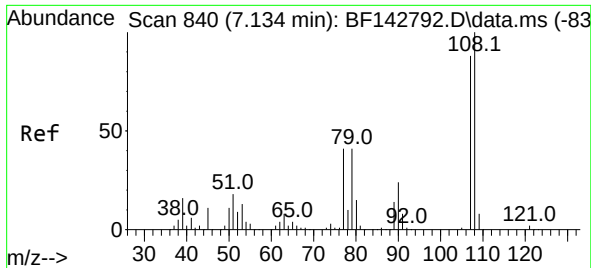
Tgt Ion: 79 Resp: 173328
Ion Ratio Lower Upper
79 100
108 79.1 63.4 95.0
77 61.2 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.232 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion: 45 Resp: 304508
Ion Ratio Lower Upper
45 100
77 14.1 0.0 32.8
79 11.2 0.0 29.8

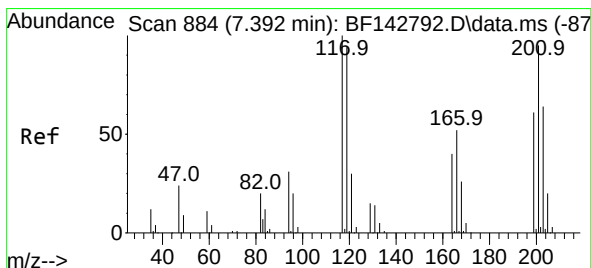
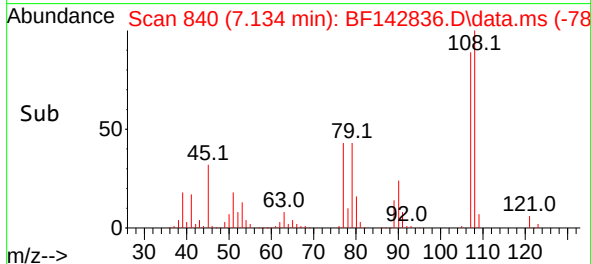
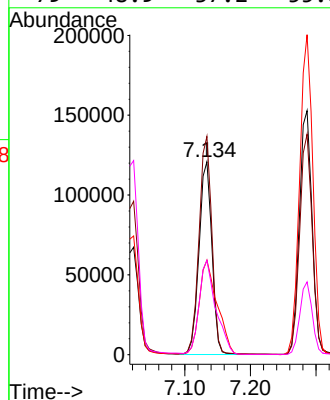
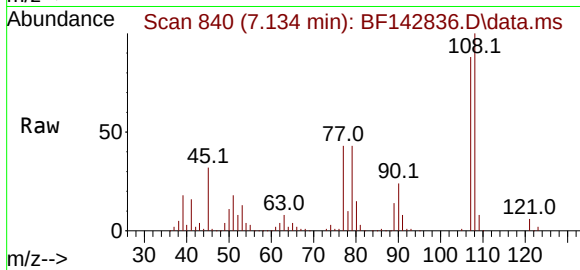




#17
2-Methylphenol
Concen: 41.318 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

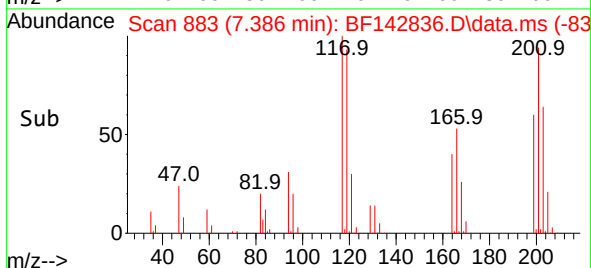
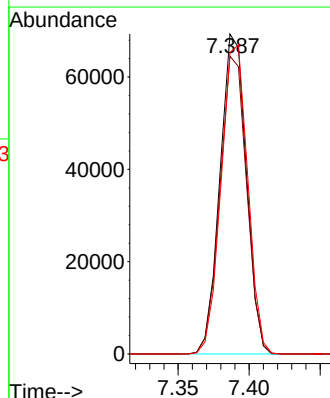
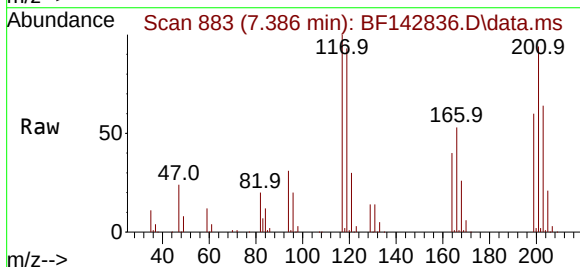
Instrument :
BNA_F
ClientSampleId :
PB168592BS

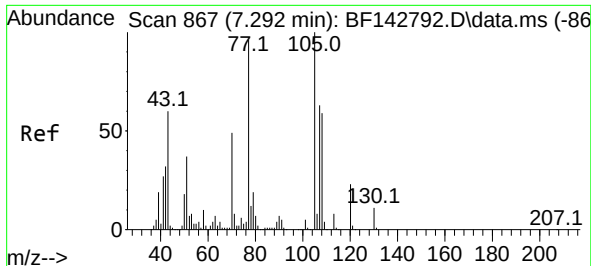
Tgt Ion:107 Resp: 165646
Ion Ratio Lower Upper
107 100
108 113.1 90.9 136.3
77 49.0 37.3 55.9
79 48.9 37.2 55.8



#18
Hexachloroethane
Concen: 42.773 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:117 Resp: 89305
Ion Ratio Lower Upper
117 100
119 93.0 75.4 113.0
201 94.2 75.9 113.9



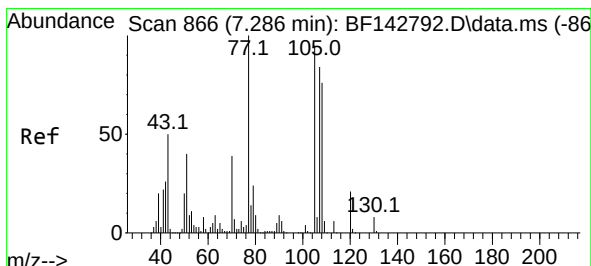
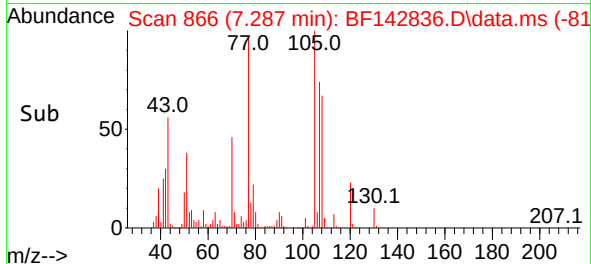
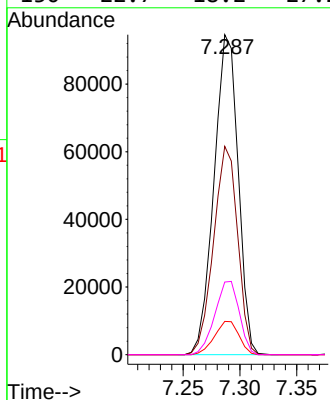
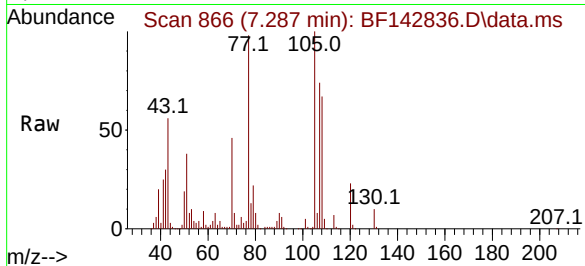


#19
n-Nitroso-di-n-propylamine
Concen: 41.546 ng
RT: 7.287 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Instrument :
BNA_F
ClientSampleId :
PB168592BS

Tgt Ion: 70 Resp: 139808

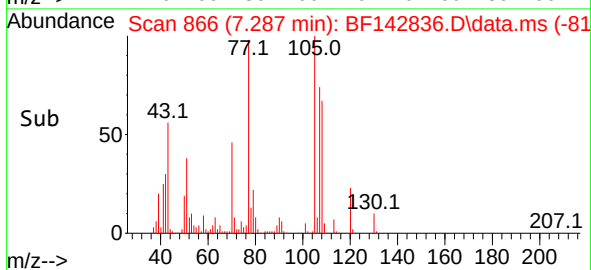
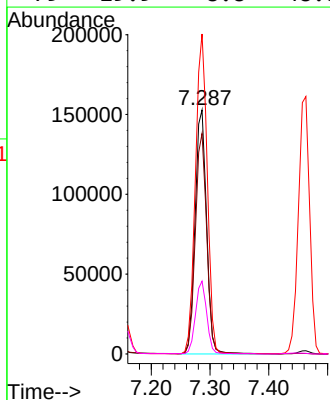
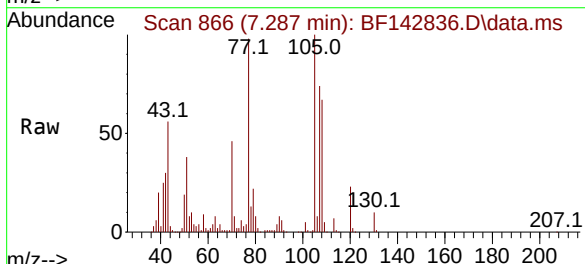
Ion	Ratio	Lower	Upper
70	100		
42	65.1	52.1	78.1
101	10.4	8.2	12.2
130	22.7	18.2	27.2

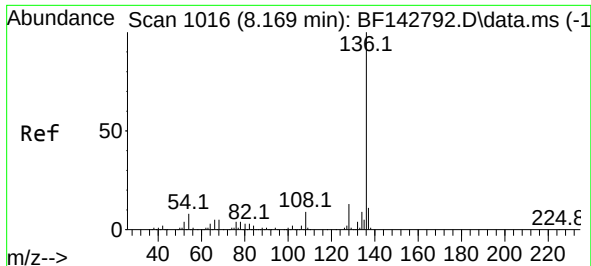


#20
3+4-Methylphenols
Concen: 41.543 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion: 107 Resp: 207652

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.0	110.0
77	131.2	98.5	138.5
79	29.9	8.8	48.8



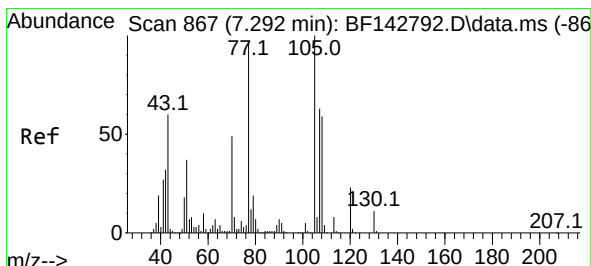
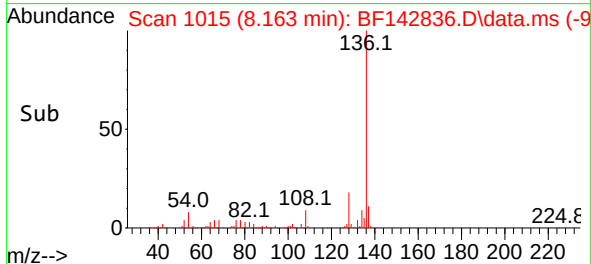
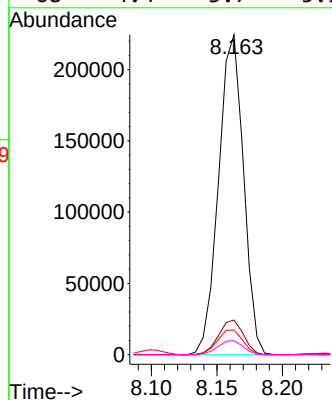
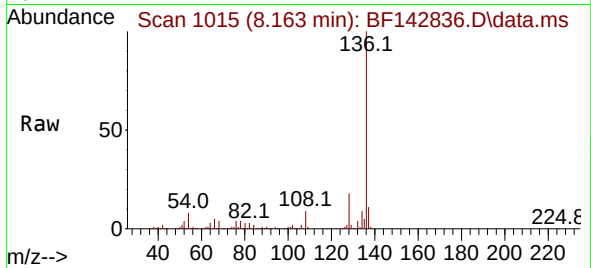


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Instrument :
BNA_F
ClientSampleId :
PB168592BS

Tgt Ion:136 Resp: 296393

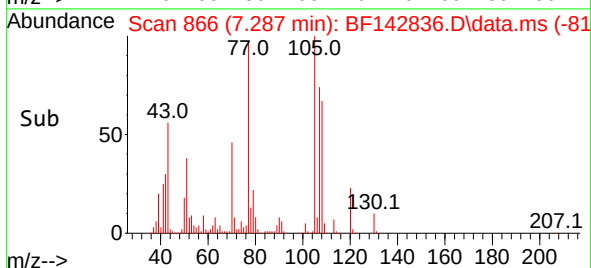
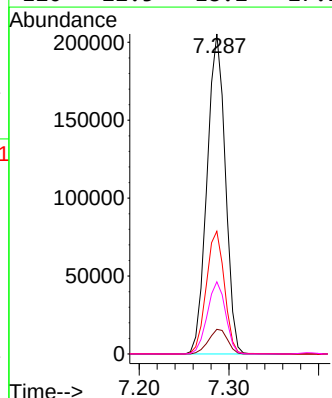
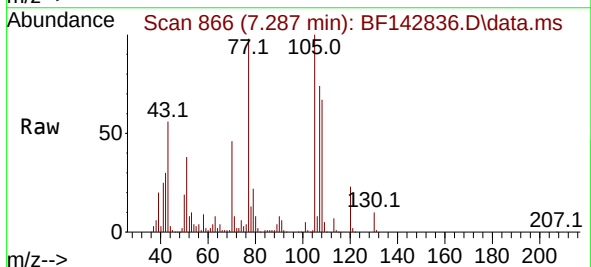
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.7	6.3	9.5
68	4.4	3.7	5.5

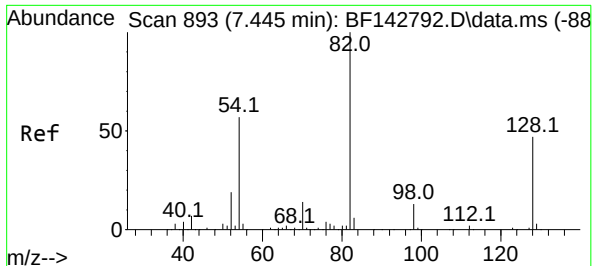


#22
Acetophenone
Concen: 44.492 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:105 Resp: 290803

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.5	9.7
51	38.3	29.8	44.8
120	22.5	18.2	27.2

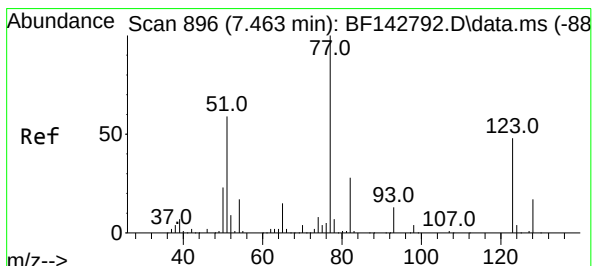
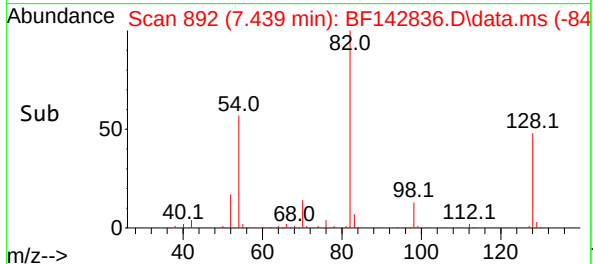
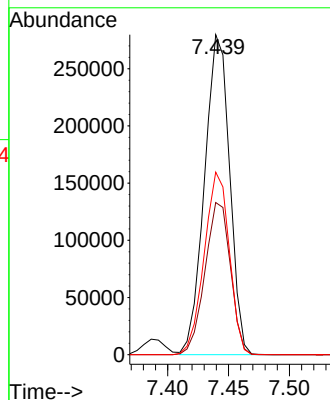
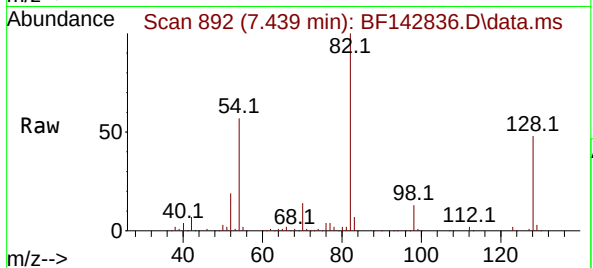




#23
Nitrobenzene-d5
Concen: 74.326 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

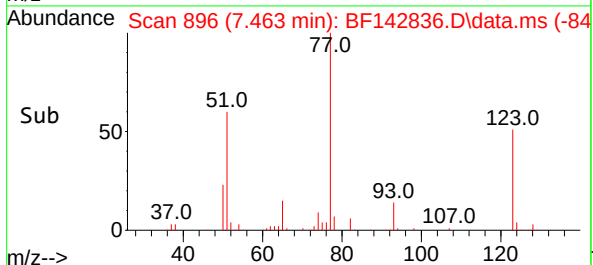
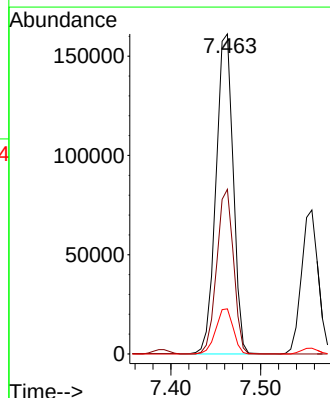
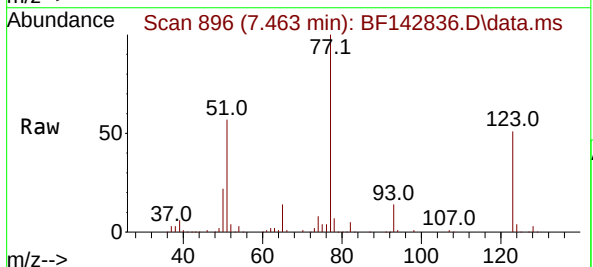
Instrument :
BNA_F
ClientSampleId :
PB168592BS

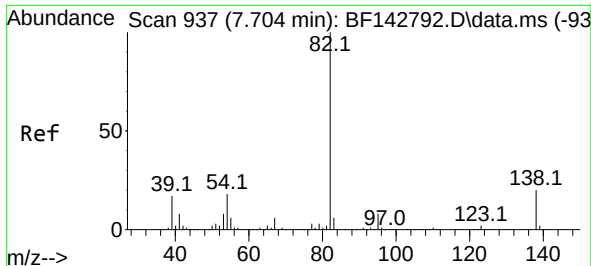
Tgt Ion: 82 Resp: 401632
Ion Ratio Lower Upper
82 100
128 47.5 37.7 56.5
54 57.0 45.7 68.5



#24
Nitrobenzene
Concen: 43.980 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion: 77 Resp: 215096
Ion Ratio Lower Upper
77 100
123 51.4 39.2 58.8
65 14.1 11.6 17.4

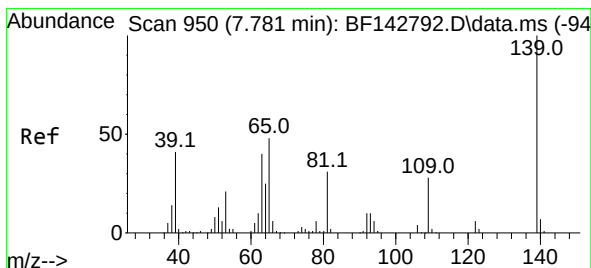
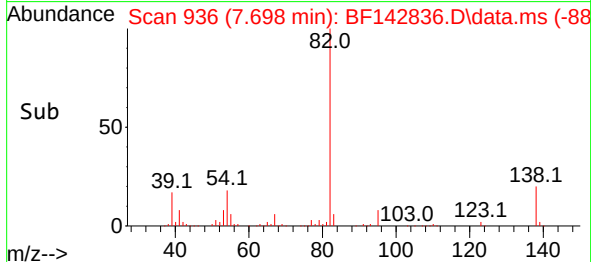
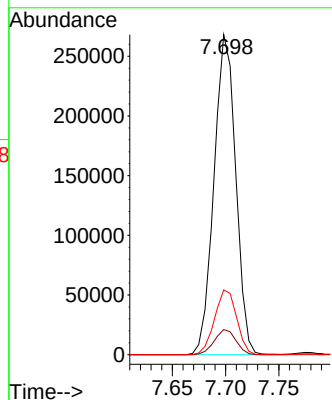
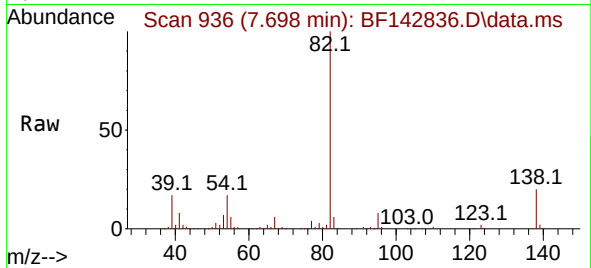




#25
Isophorone
Concen: 43.841 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

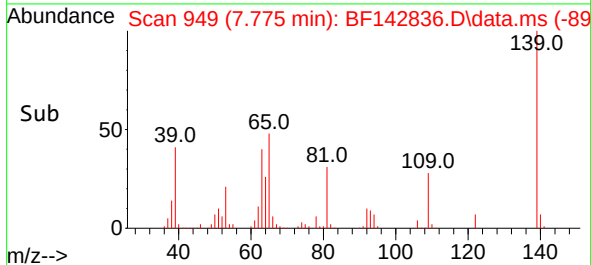
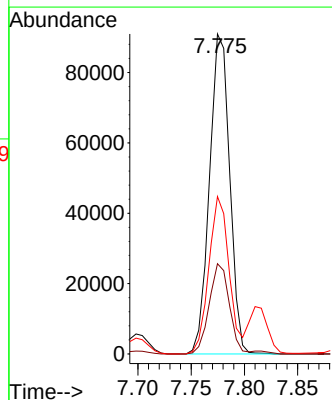
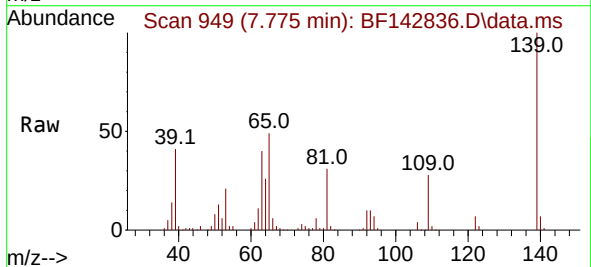
Instrument :
BNA_F
ClientSampleId :
PB168592BS

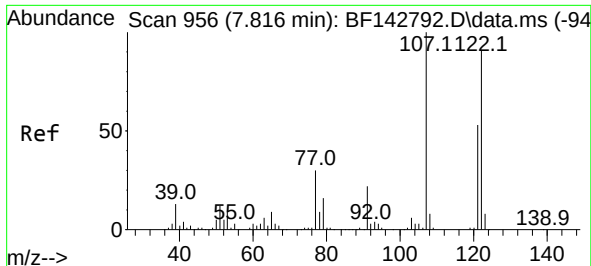
Tgt Ion: 82 Resp: 380021
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 45.088 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:139 Resp: 120125
Ion Ratio Lower Upper
139 100
109 28.2 22.7 34.1
65 49.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.731 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

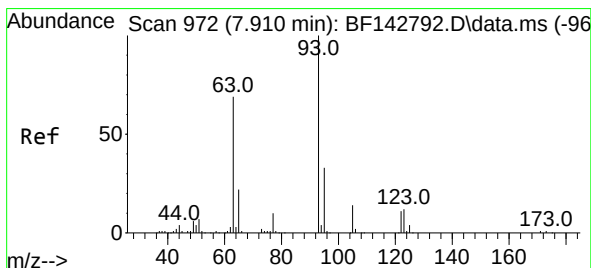
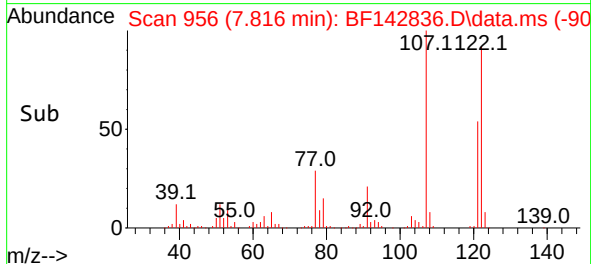
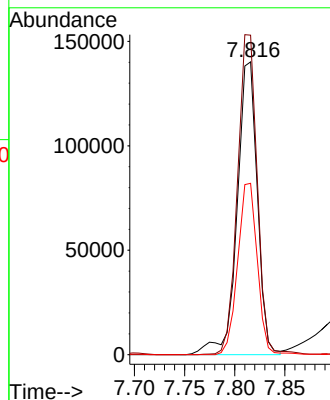
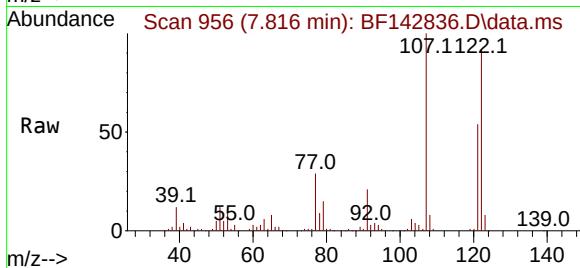
Tgt Ion:122 Resp: 197200

Ion Ratio Lower Upper

122 100

107 109.1 88.0 132.0

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.665 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

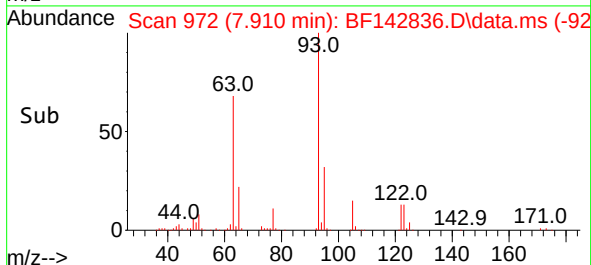
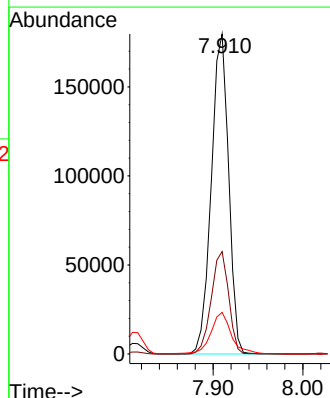
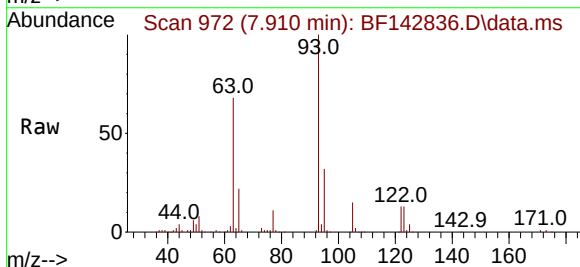
Tgt Ion: 93 Resp: 240634

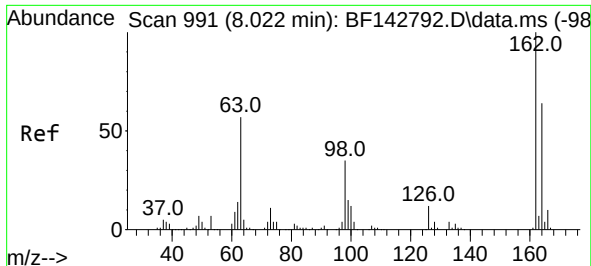
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 13.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.145 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

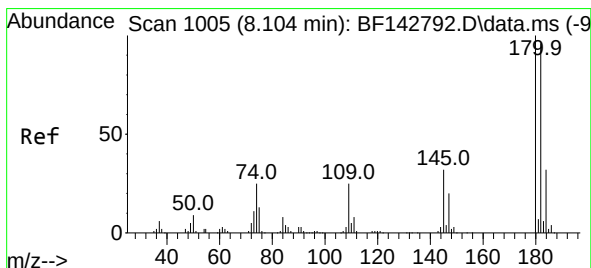
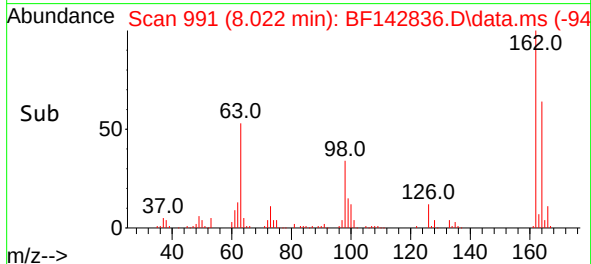
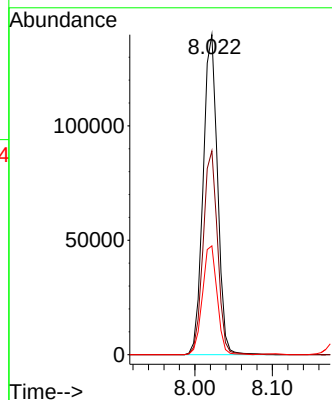
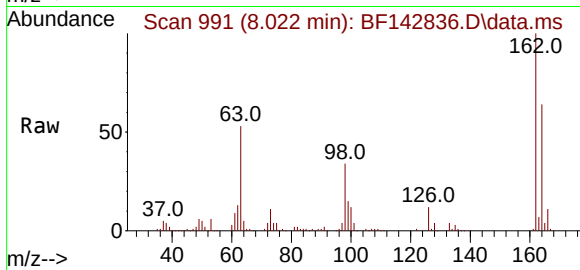
Tgt Ion:162 Resp: 180538

Ion Ratio Lower Upper

162 100

164 63.7 44.0 84.0

98 34.0 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 43.791 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

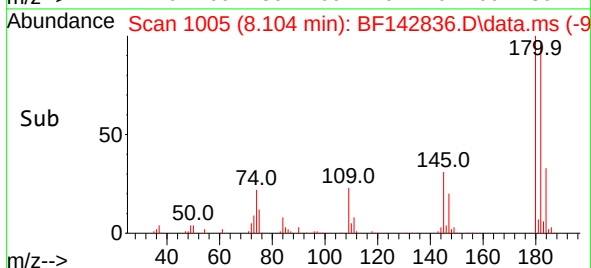
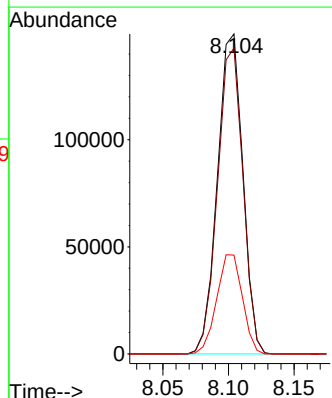
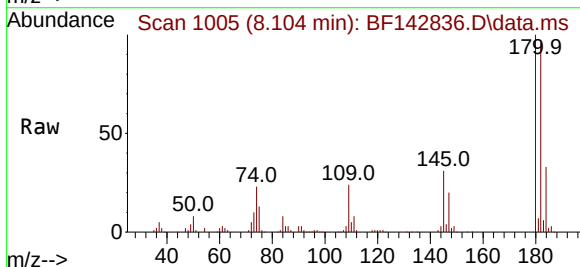
Tgt Ion:180 Resp: 201493

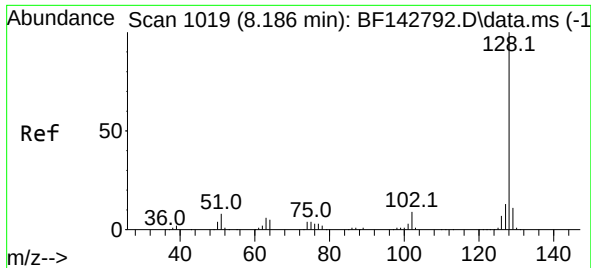
Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

145 30.9 25.8 38.8

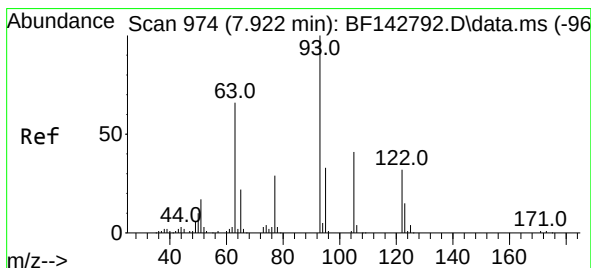
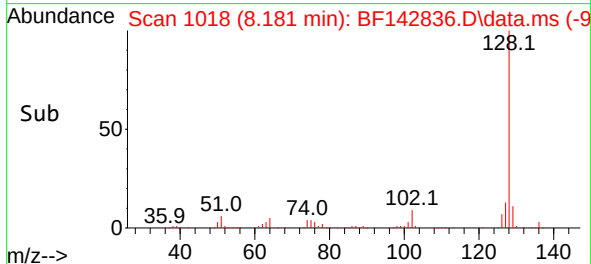
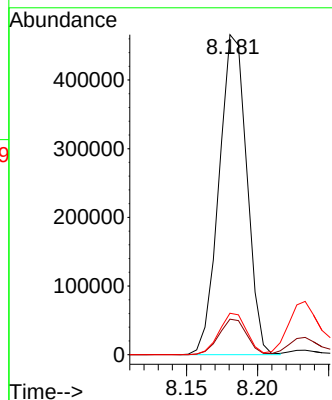
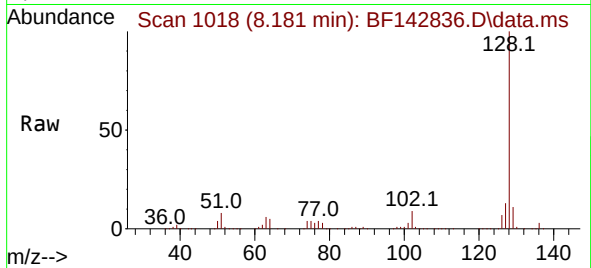




#31
Naphthalene
Concen: 43.625 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

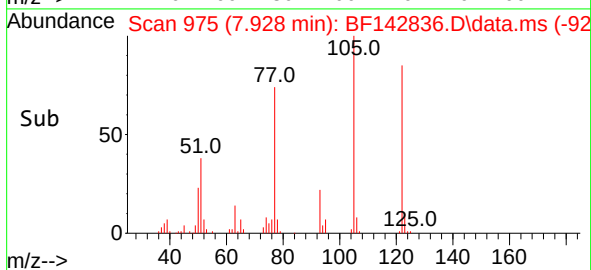
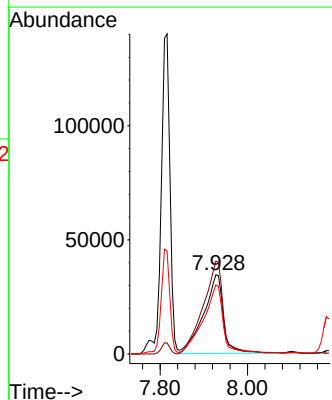
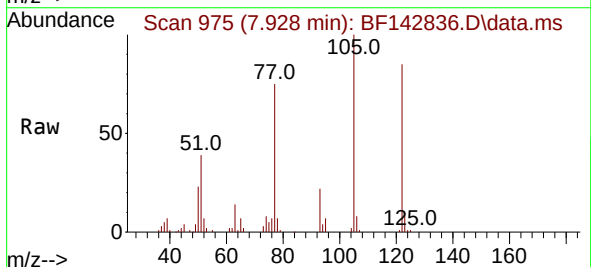
Instrument :
BNA_F
ClientSampleId :
PB168592BS

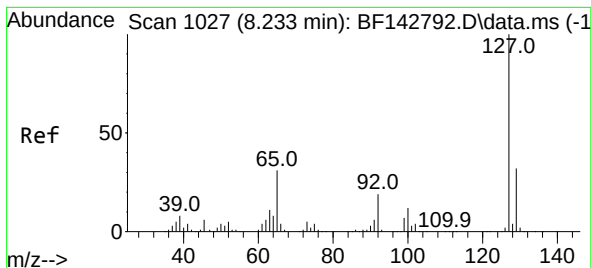
Tgt Ion:128 Resp: 632908
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 46.431 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:122 Resp: 109212
Ion Ratio Lower Upper
122 100
105 117.1 104.7 144.7
77 87.3 70.2 110.2

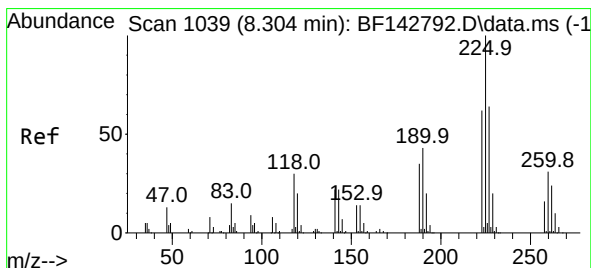
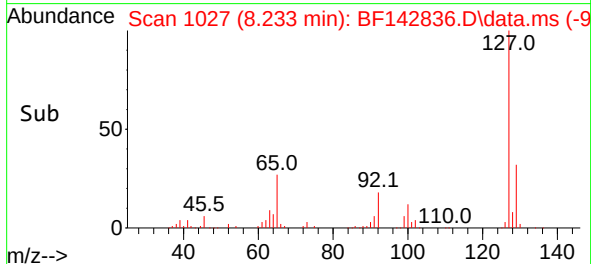
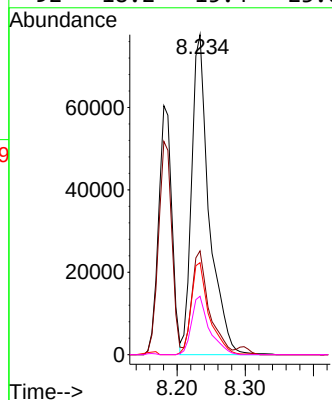
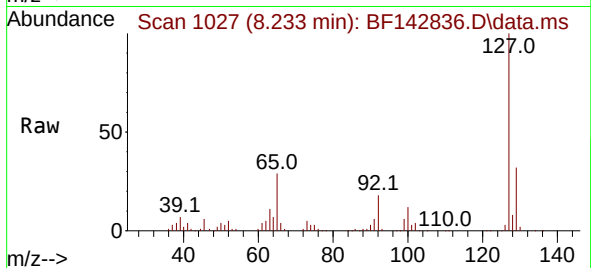




#33
4-Chloroaniline
Concen: 23.379 ng
RT: 8.233 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

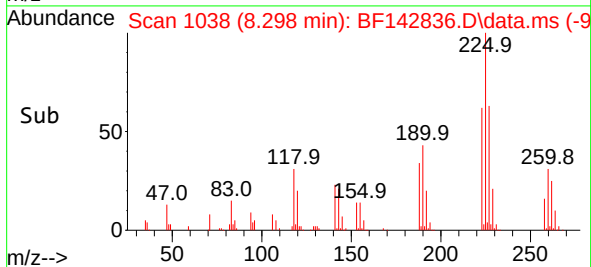
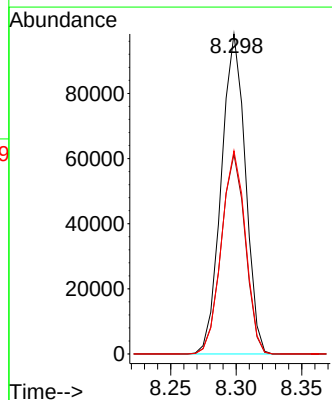
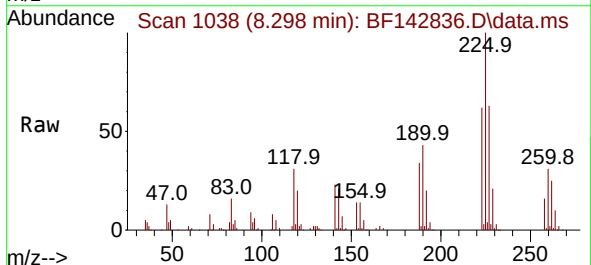
Instrument :
BNA_F
ClientSampleId :
PB168592BS

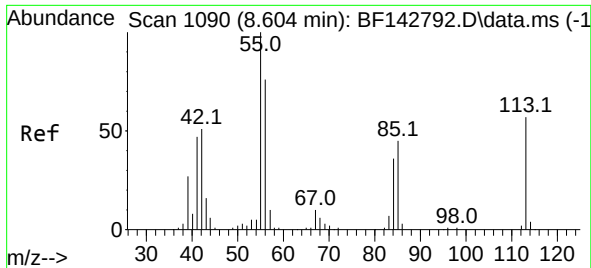
Tgt Ion:	127	Resp:	137919
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.8	24.6	36.8
92	18.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 44.463 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:	225	Resp:	125139
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	63.5	51.4	77.0

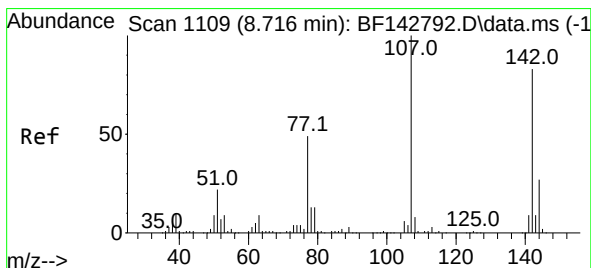
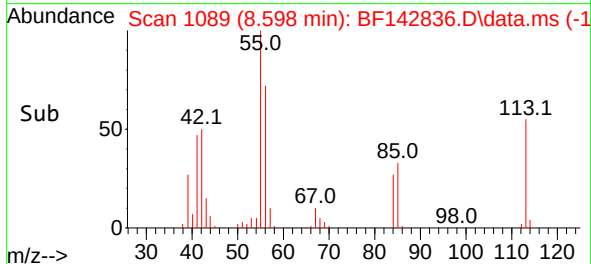
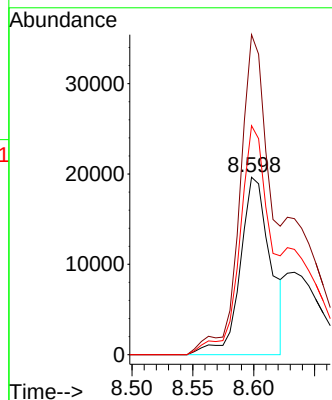
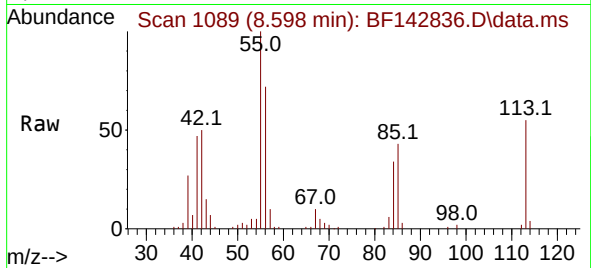




#35
 Caprolactam
 Concen: 30.769 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF142836.D
 Acq: 25 Jun 2025 14:25

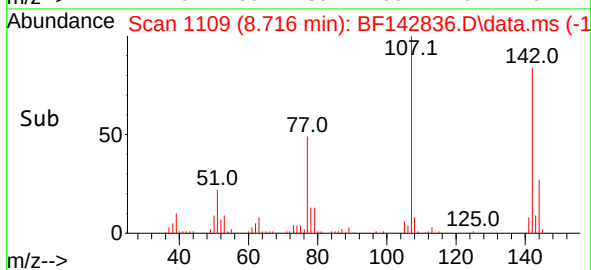
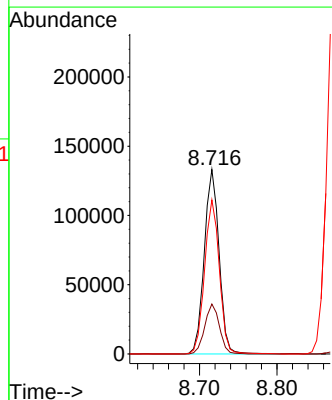
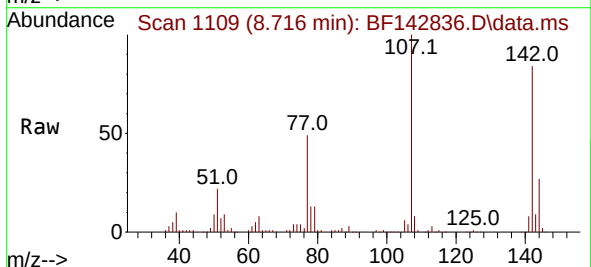
Instrument :
 BNA_F
 ClientSampleId :
 PB168592BS

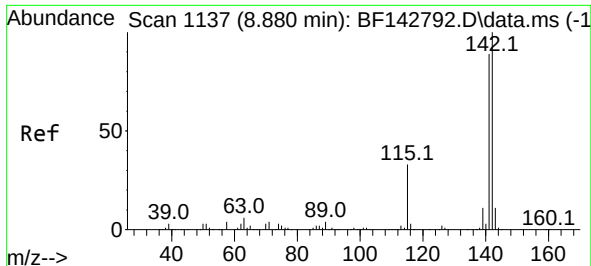
Tgt Ion:113 Resp: 33974
 Ion Ratio Lower Upper
 113 100
 55 180.4 154.4 194.4
 56 129.1 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.573 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142836.D
 Acq: 25 Jun 2025 14:25

Tgt Ion:107 Resp: 177044
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.3 31.9
 142 83.5 66.6 100.0





#37

2-Methylnaphthalene

Concen: 43.206 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

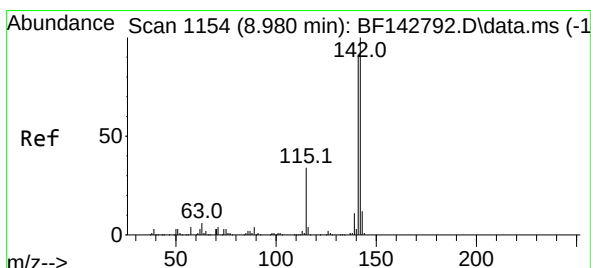
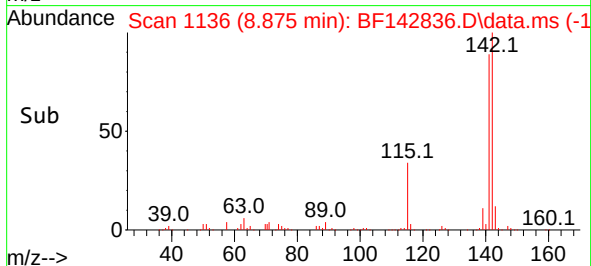
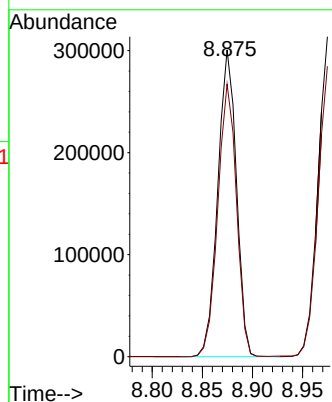
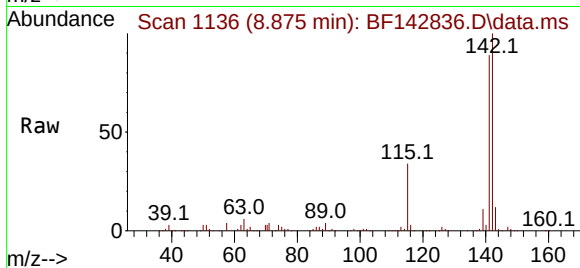
PB168592BS

Tgt Ion:142 Resp: 388612

Ion Ratio Lower Upper

142 100

141 88.8 70.9 106.3



#38

1-Methylnaphthalene

Concen: 43.583 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142836.D

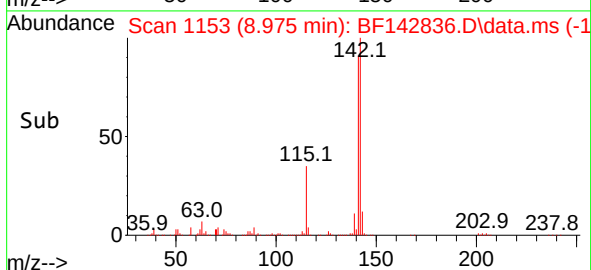
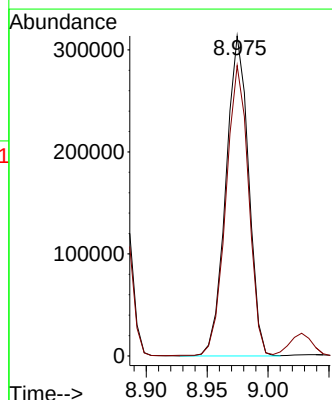
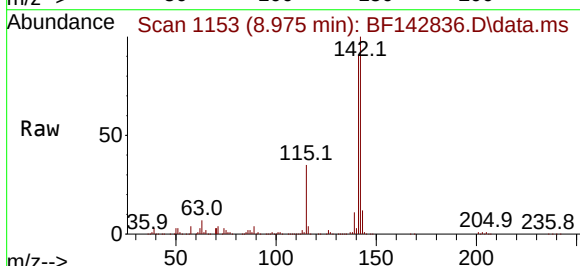
Acq: 25 Jun 2025 14:25

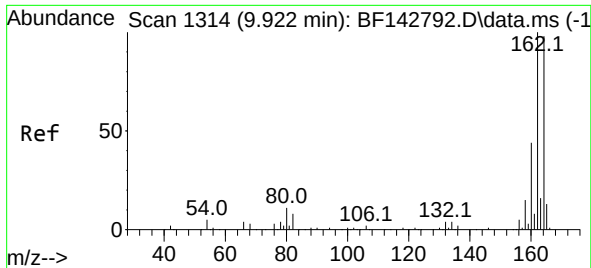
Tgt Ion:142 Resp: 405799

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.4

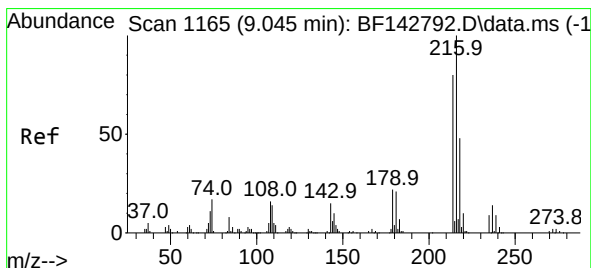
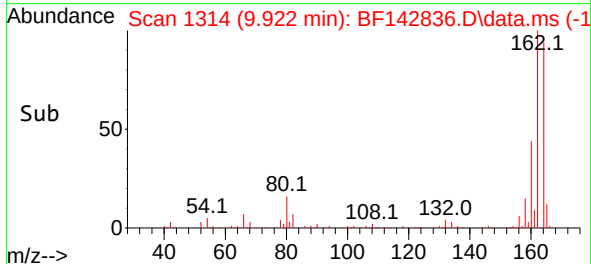
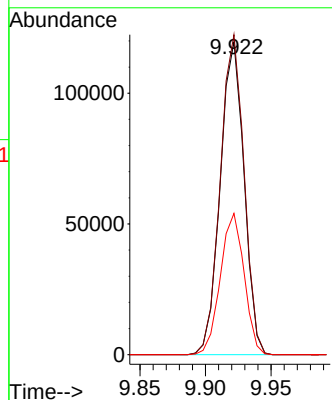
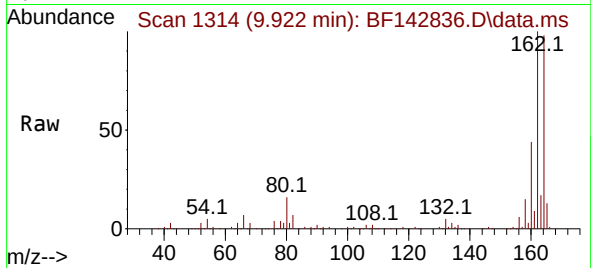




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

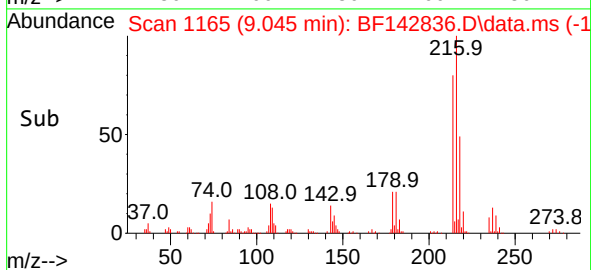
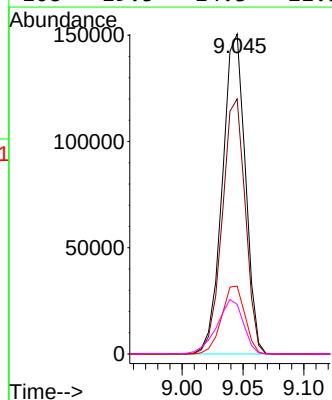
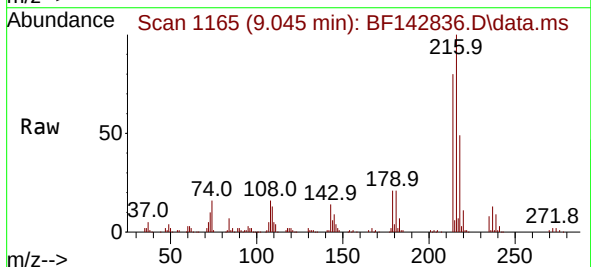
Instrument :
BNA_F
ClientSampleId :
PB168592BS

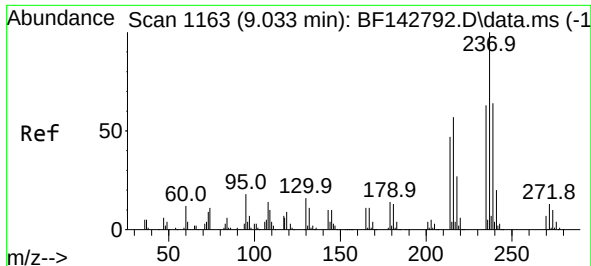
Tgt Ion:164 Resp: 150433
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.8
160 45.2 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.502 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:216 Resp: 197534
Ion Ratio Lower Upper
216 100
214 79.8 63.7 95.5
179 21.6 17.6 26.4
108 19.5 14.3 21.5

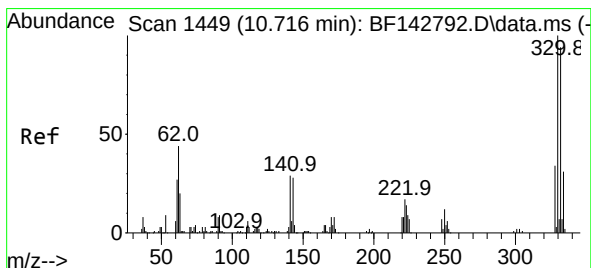
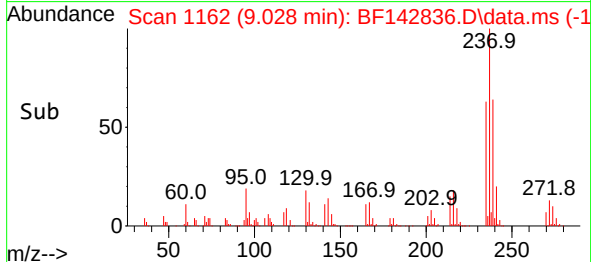
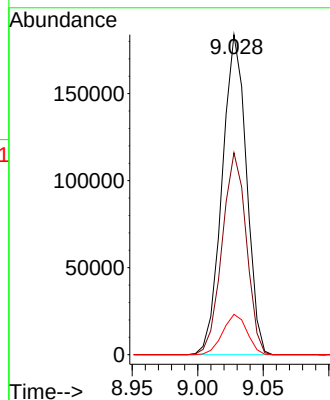
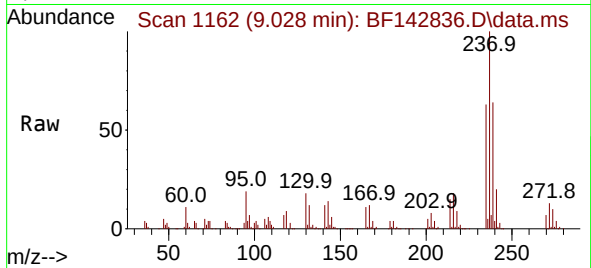




#41
Hexachlorocyclopentadiene
Concen: 93.890 ng
RT: 9.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

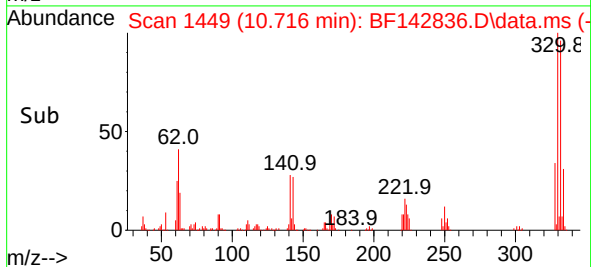
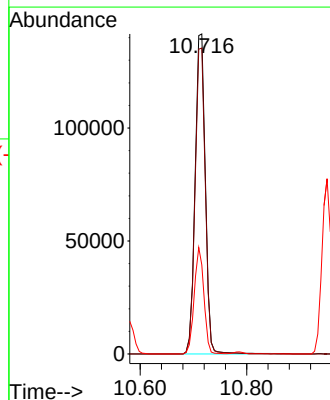
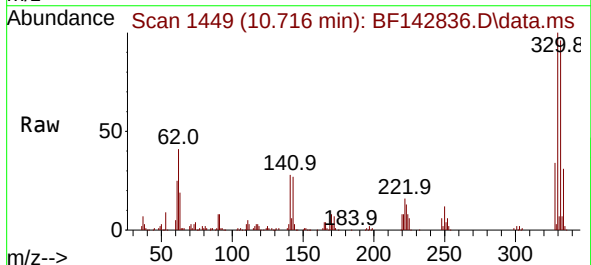
Instrument :
BNA_F
ClientSampleId :
PB168592BS

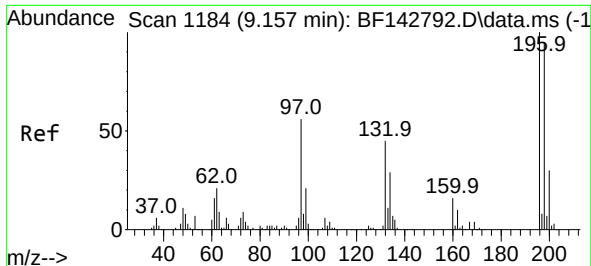
Tgt Ion:237 Resp: 236501
Ion Ratio Lower Upper
237 100
235 63.1 43.4 83.4
272 12.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 121.933 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

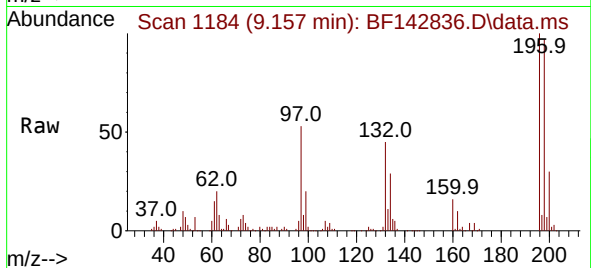
Tgt Ion:330 Resp: 188759
Ion Ratio Lower Upper
330 100
332 95.3 75.0 112.6
141 31.4 25.3 37.9



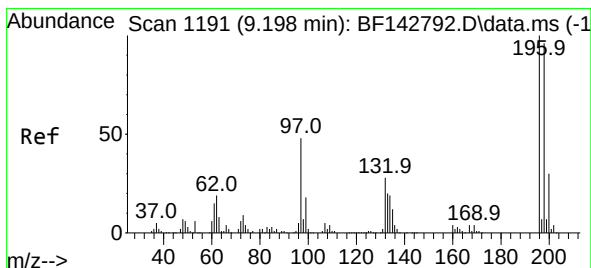
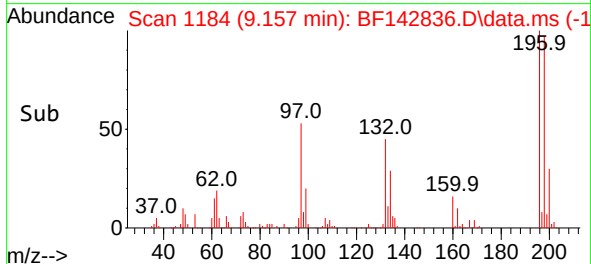
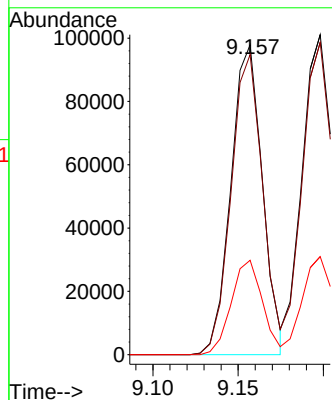


#43
2,4,6-Trichlorophenol
Concen: 43.504 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Instrument :
BNA_F
ClientSampleId :
PB168592BS

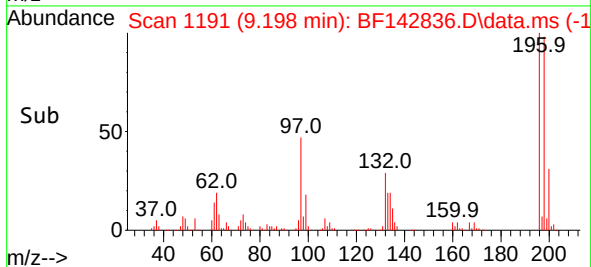
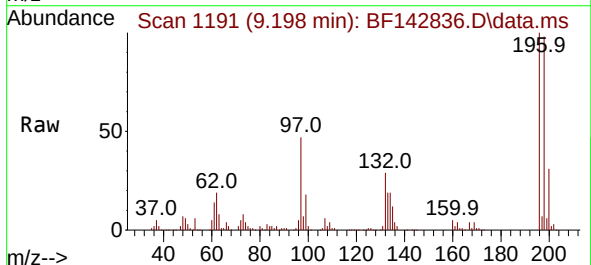
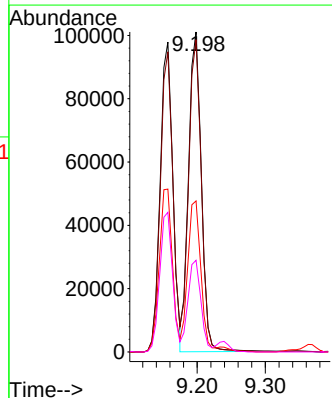


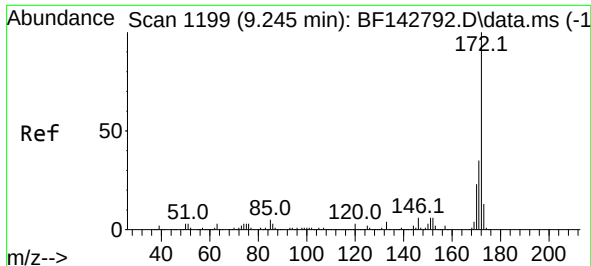
Tgt Ion:196 Resp: 125833
Ion Ratio Lower Upper
196 100
198 96.9 76.2 114.2
200 30.5 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 43.077 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:196 Resp: 131160
Ion Ratio Lower Upper
196 100
198 97.6 76.6 115.0
97 47.2 38.2 57.2
132 28.7 23.4 35.0

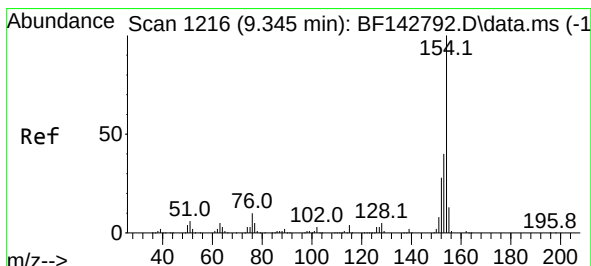
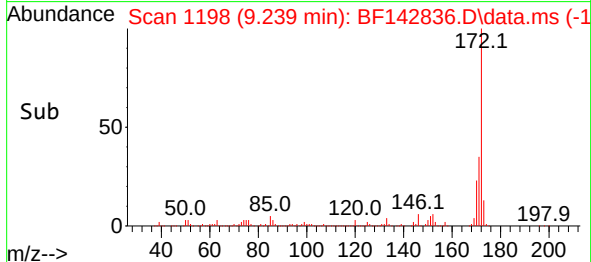
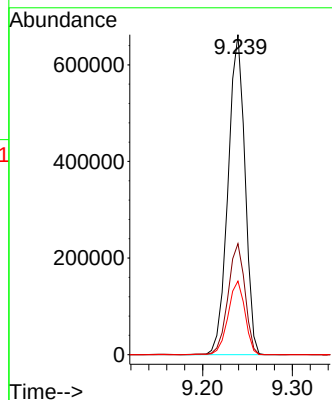
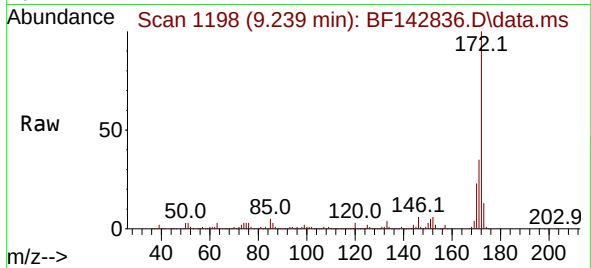




#45
2-Fluorobiphenyl
Concen: 75.605 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

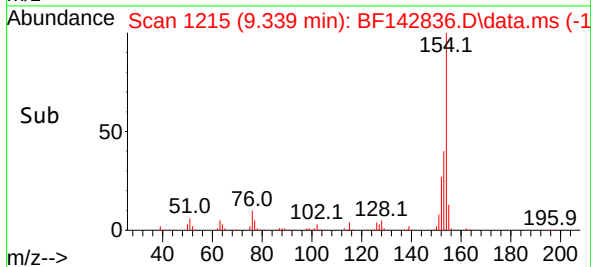
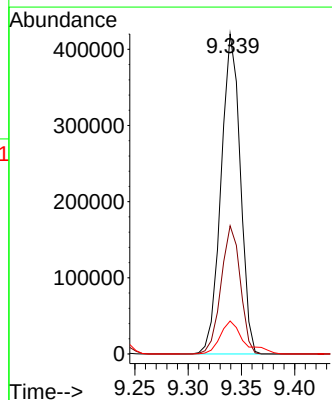
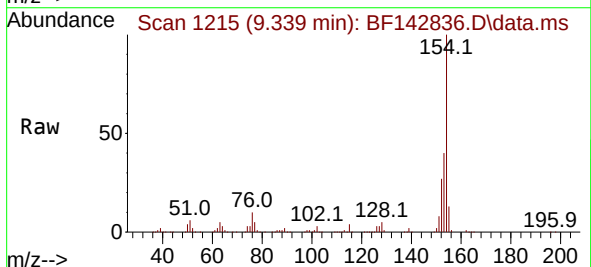
Instrument :
BNA_F
ClientSampleId :
PB168592BS

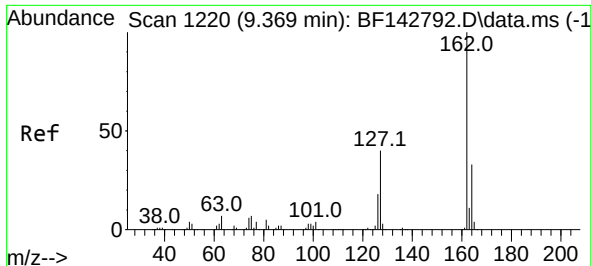
Tgt Ion:172 Resp: 865774
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.0 18.5 27.7



#46
1,1'-Biphenyl
Concen: 44.314 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:154 Resp: 526601
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 10.3 0.0 30.3





#47

2-Chloronaphthalene

Concen: 43.870 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

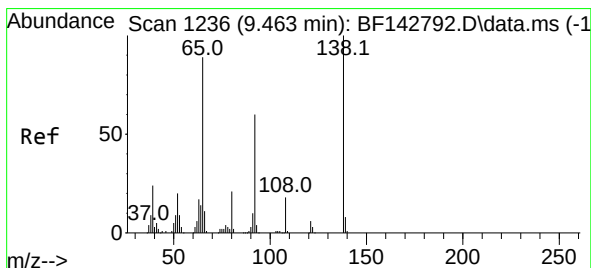
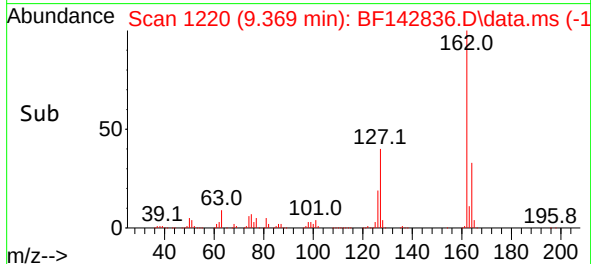
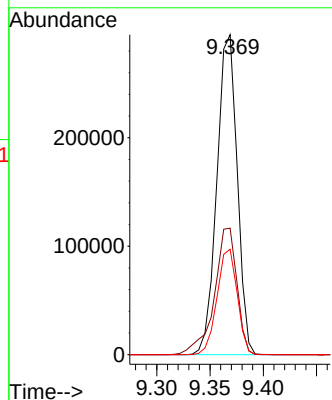
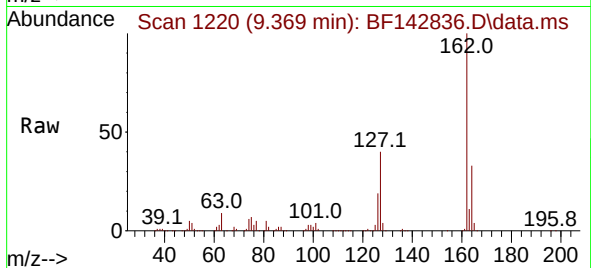
Tgt Ion:162 Resp: 391214

Ion Ratio Lower Upper

162 100

127 39.6 32.2 48.2

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 42.910 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

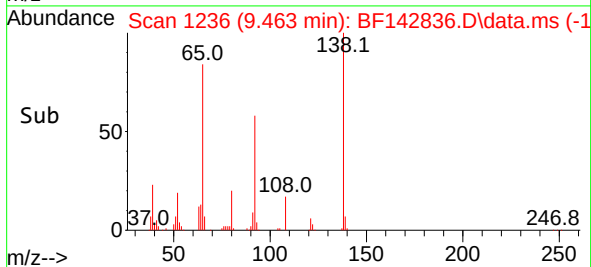
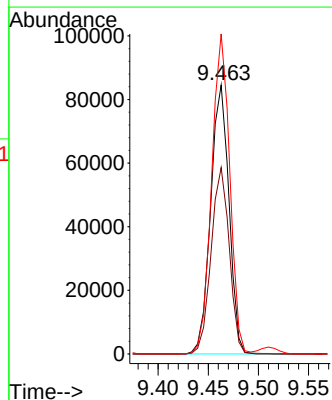
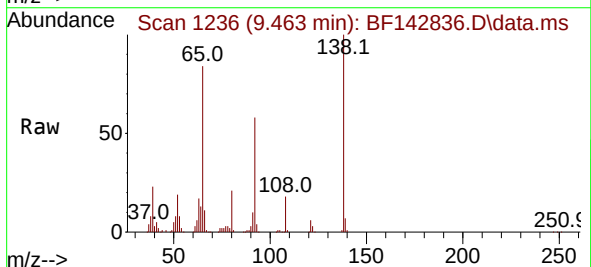
Tgt Ion: 65 Resp: 107279

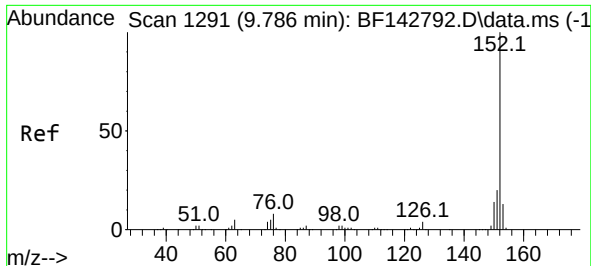
Ion Ratio Lower Upper

65 100

92 69.3 53.8 80.6

138 119.0 89.6 134.4

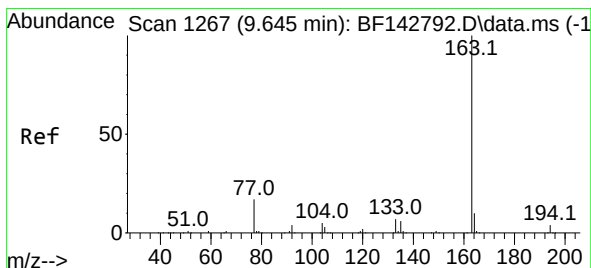
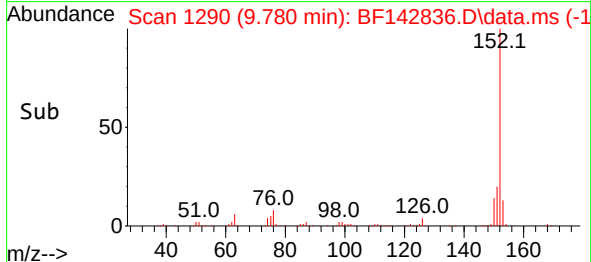
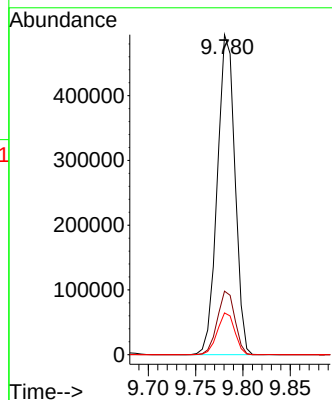
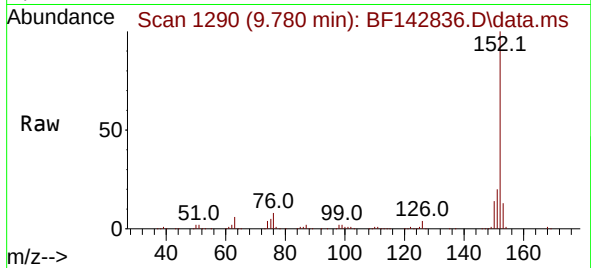




#49
Acenaphthylene
Concen: 43.666 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

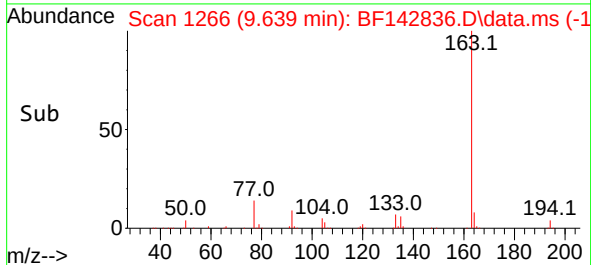
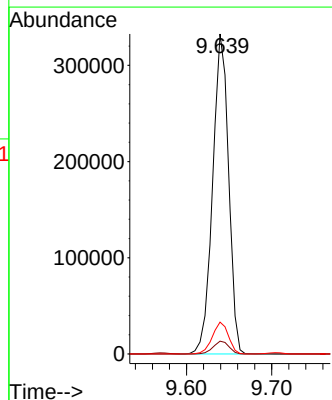
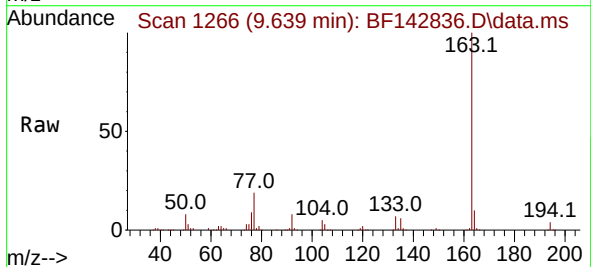
Instrument :
BNA_F
ClientSampleId :
PB168592BS

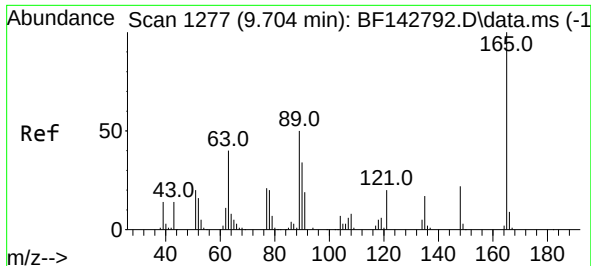
Tgt Ion:152 Resp: 641037
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 44.433 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:163 Resp: 432670
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.0 12.0

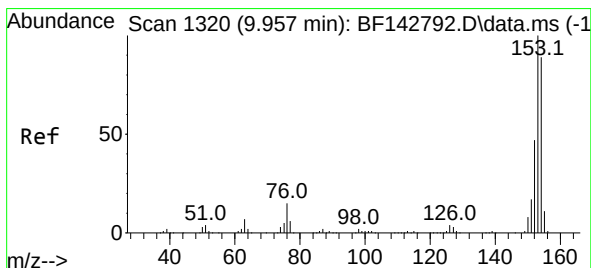
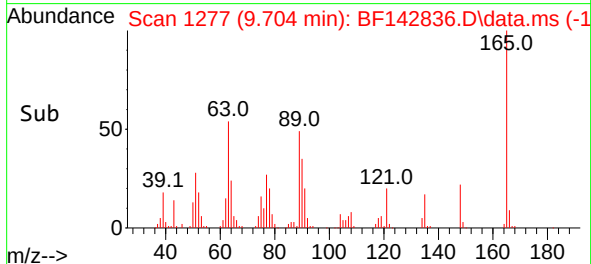
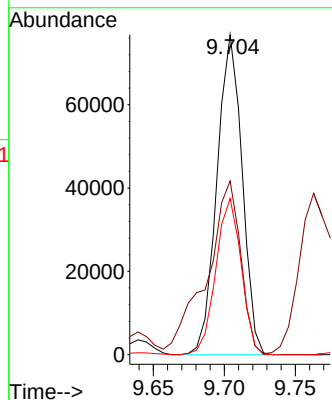
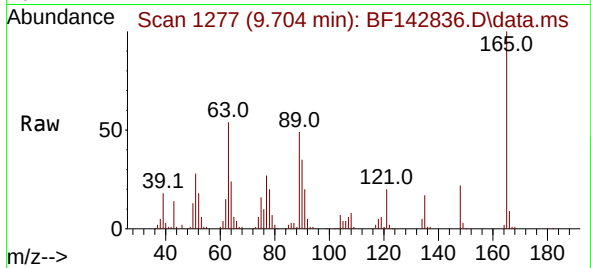




#51
2,6-Dinitrotoluene
Concen: 44.205 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

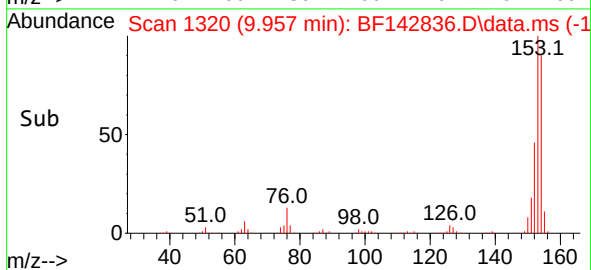
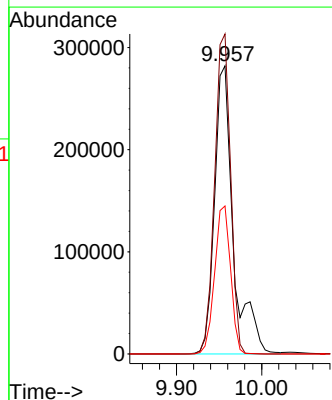
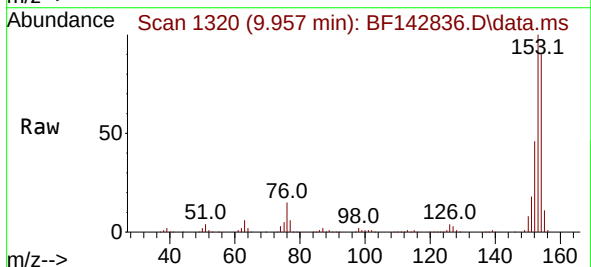
Instrument :
BNA_F
ClientSampleId :
PB168592BS

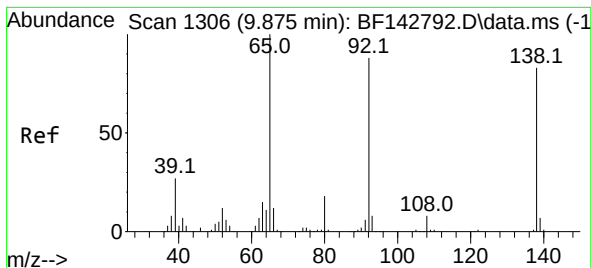
Tgt Ion:165 Resp: 94530
Ion Ratio Lower Upper
165 100
63 54.3 44.2 66.4
89 48.8 39.8 59.8



#52
Acenaphthene
Concen: 48.327 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:154 Resp: 432857
Ion Ratio Lower Upper
154 100
153 111.1 90.0 135.0
152 51.4 41.9 62.9





#53

3-Nitroaniline

Concen: 24.716 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

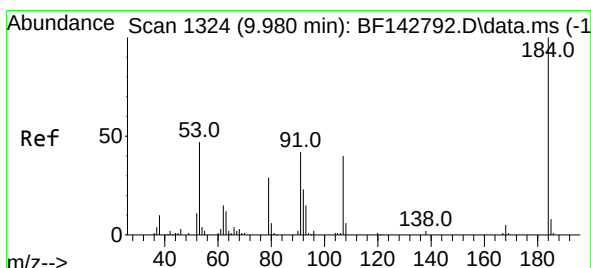
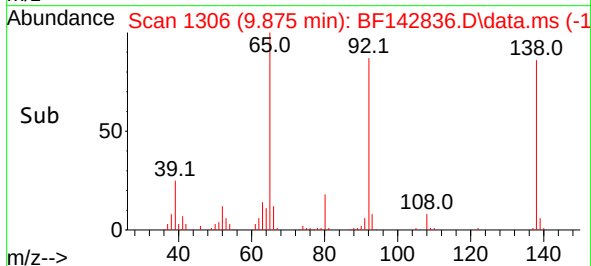
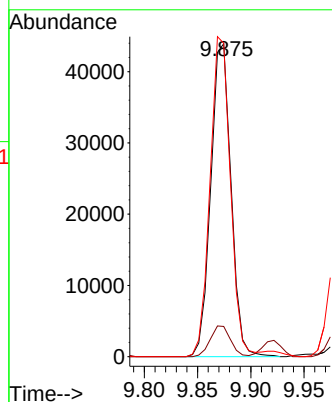
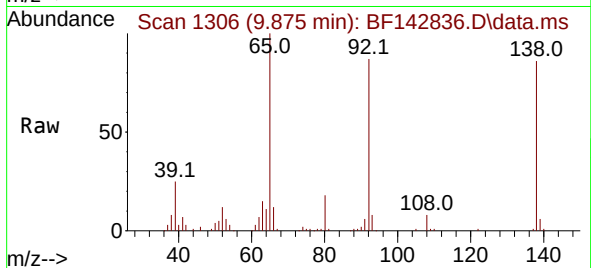
Tgt Ion:138 Resp: 58192

Ion Ratio Lower Upper

138 100

108 9.7 8.1 12.1

92 100.2 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 104.189 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

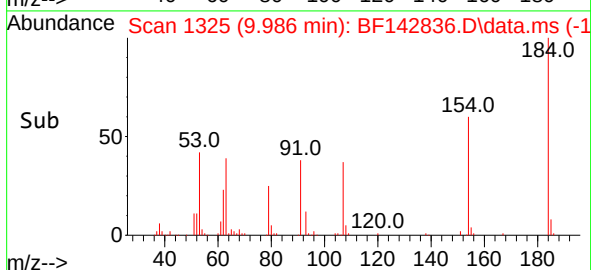
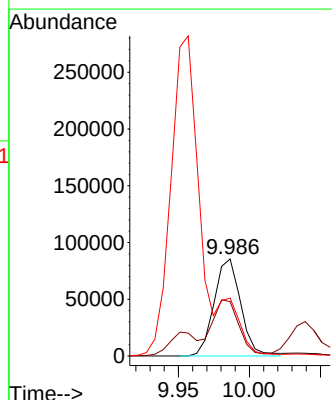
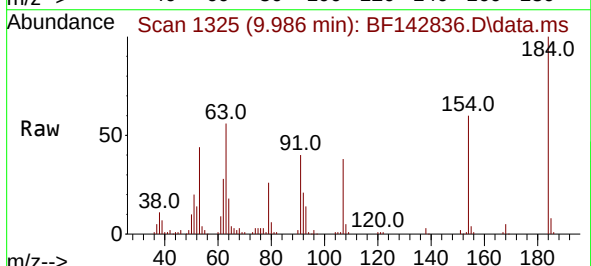
Tgt Ion:184 Resp: 111563

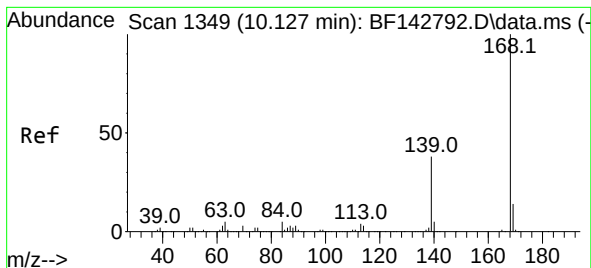
Ion Ratio Lower Upper

184 100

63 56.1 50.6 75.8

154 59.7 51.8 77.8





#55

Dibenzofuran

Concen: 43.115 ng

RT: 10.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

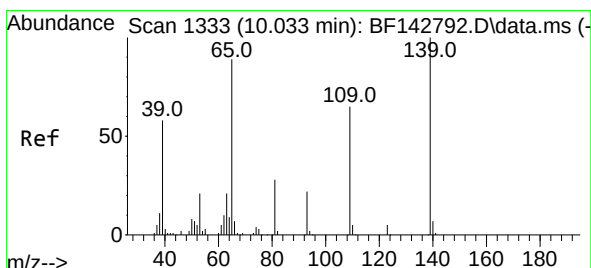
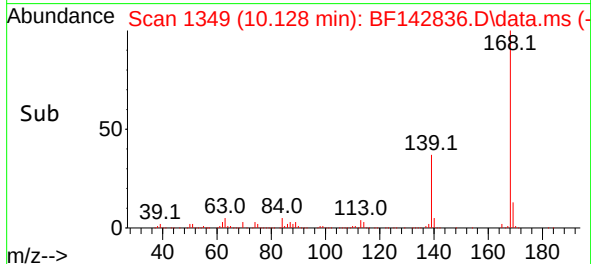
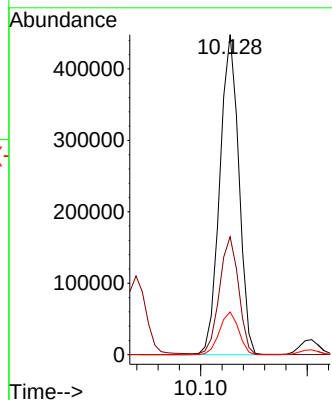
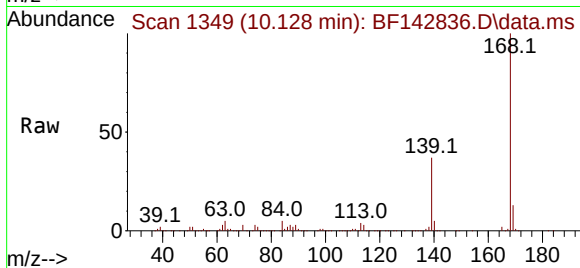
Tgt Ion:168 Resp: 553767

Ion Ratio Lower Upper

168 100

139 36.9 30.2 45.4

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 91.963 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

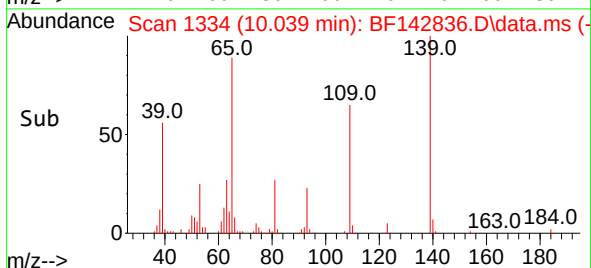
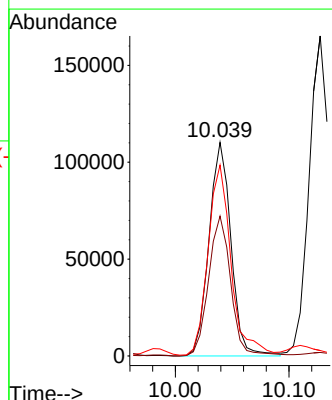
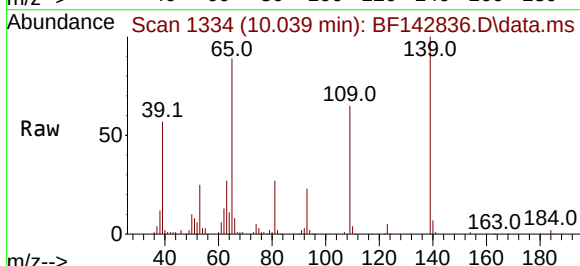
Tgt Ion:139 Resp: 148233

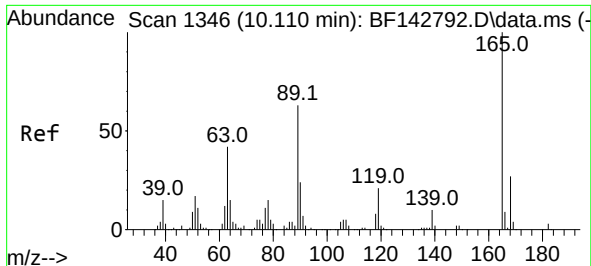
Ion Ratio Lower Upper

139 100

109 65.5 44.7 84.7

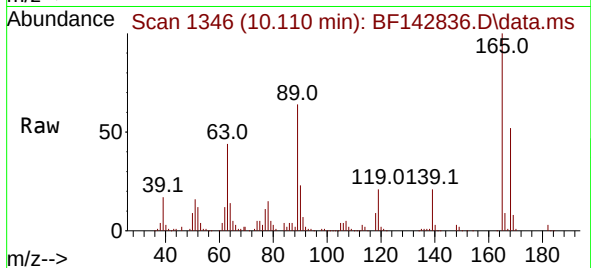
65 89.4 69.8 109.8



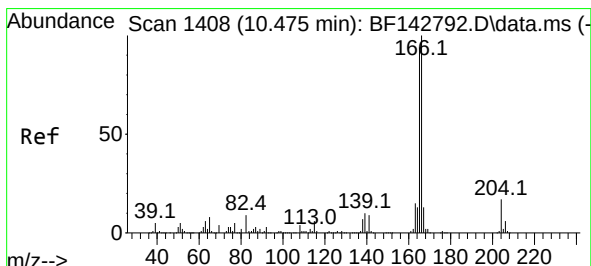
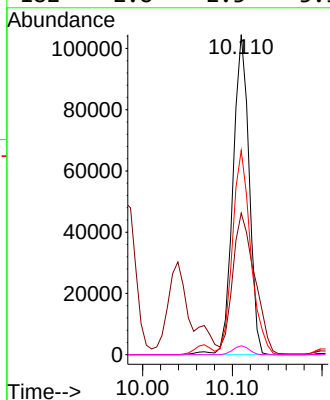
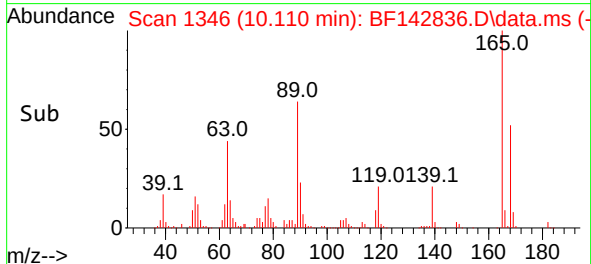


#57
2,4-Dinitrotoluene
Concen: 45.967 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

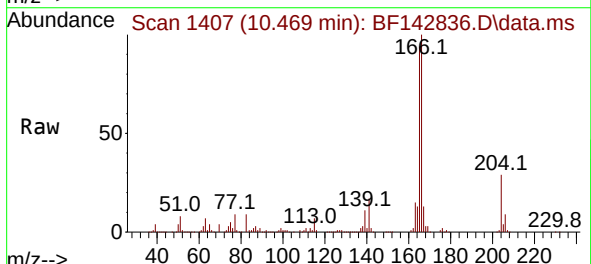
Instrument :
BNA_F
ClientSampleId :
PB168592BS



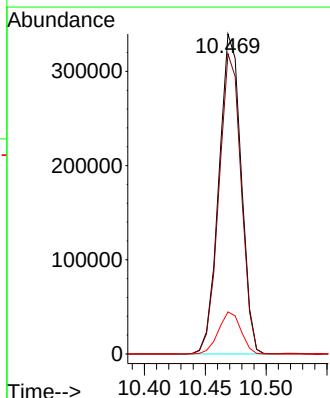
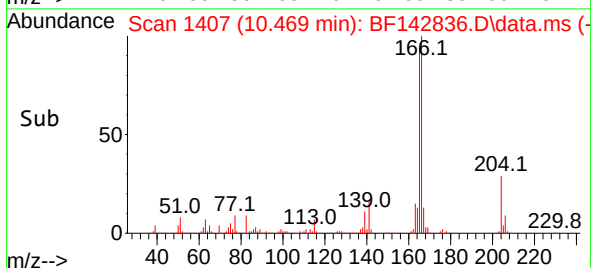
Tgt Ion:165 Resp: 130569
Ion Ratio Lower Upper
165 100
63 44.2 33.9 50.9
89 63.9 50.6 75.8
182 2.8 2.3 3.5

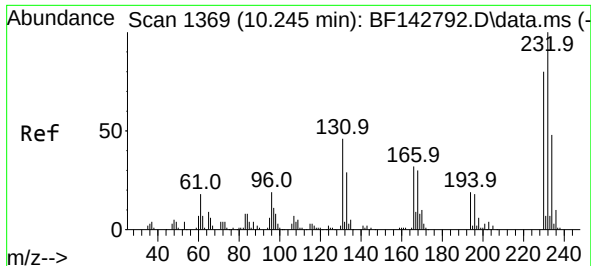


#58
Fluorene
Concen: 43.017 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25



Tgt Ion:166 Resp: 431494
Ion Ratio Lower Upper
166 100
165 93.8 75.2 112.8
167 13.2 10.6 15.8

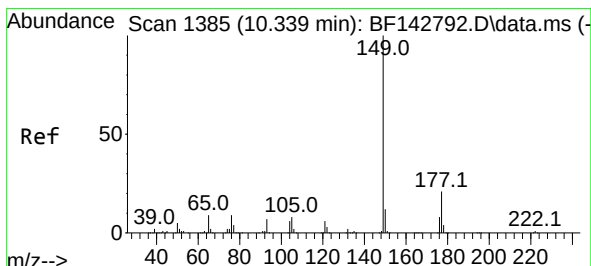
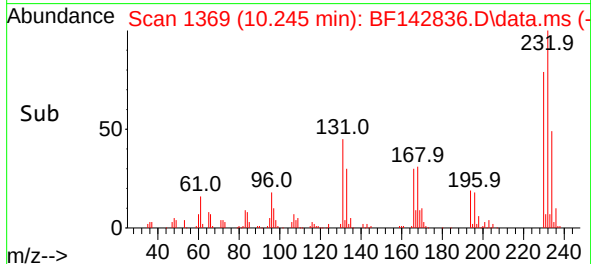
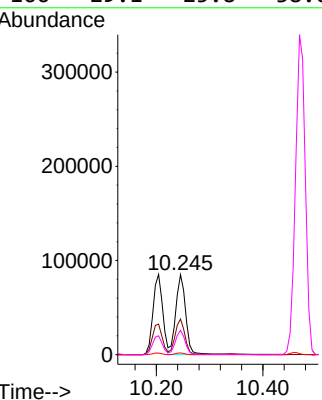
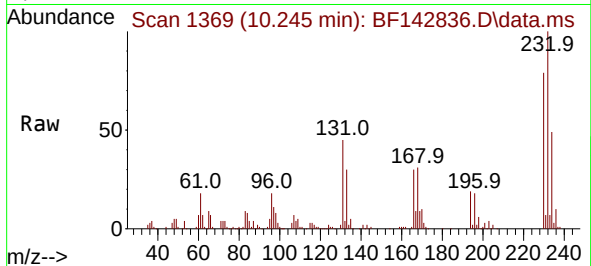




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.788 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

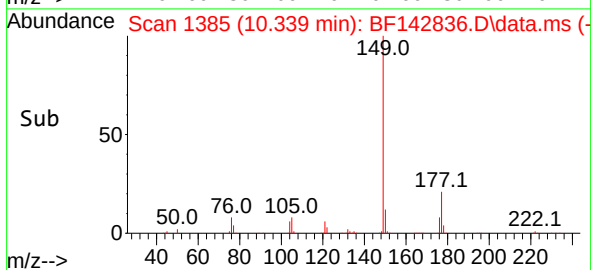
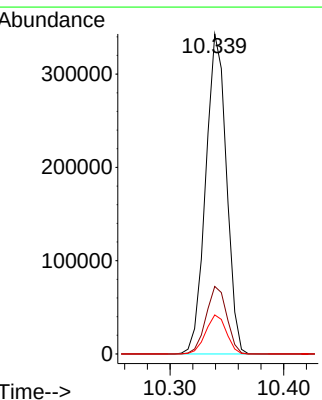
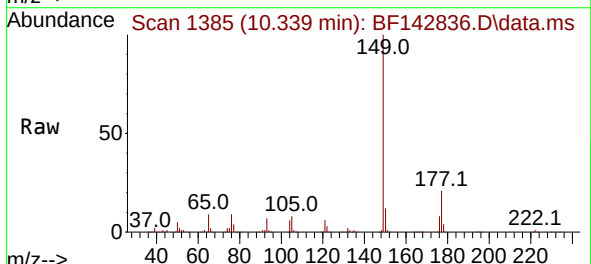
Instrument :
BNA_F
ClientSampleId :
PB168592BS

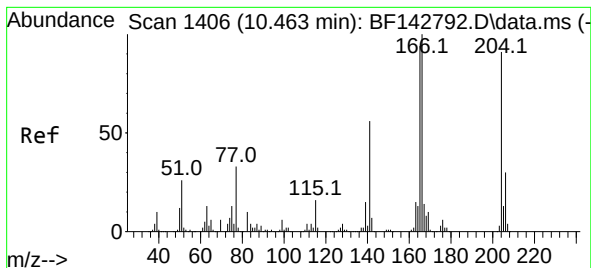
Tgt Ion:232 Resp: 109923
Ion Ratio Lower Upper
232 100
131 44.1 37.6 56.4
130 2.1 1.7 2.5
166 29.1 25.8 38.6



#60
Diethylphthalate
Concen: 45.548 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:149 Resp: 434869
Ion Ratio Lower Upper
149 100
177 21.1 17.0 25.6
150 12.2 9.8 14.6

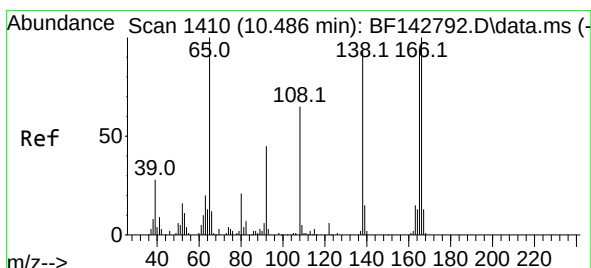
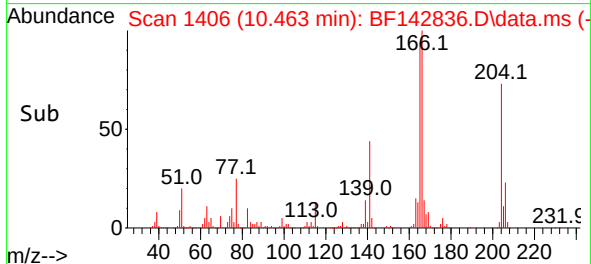
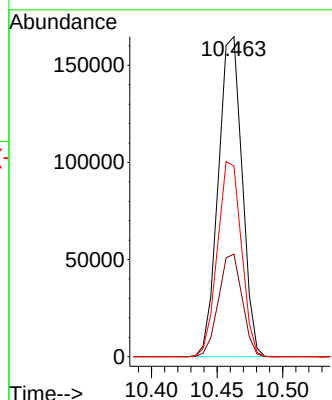
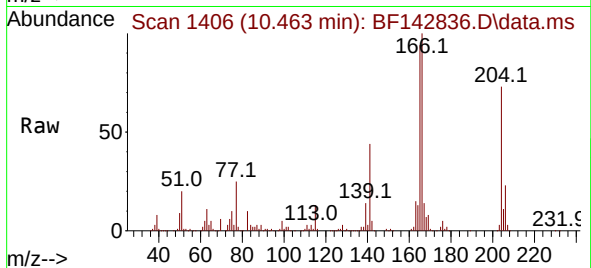




#61
4-Chlorophenyl-phenylether
Concen: 43.489 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

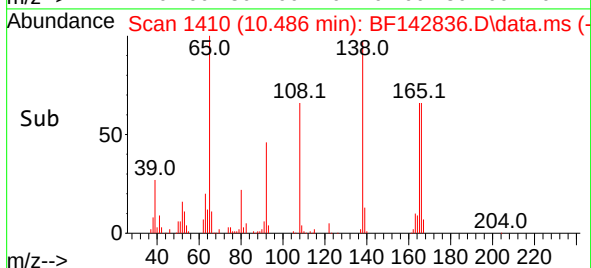
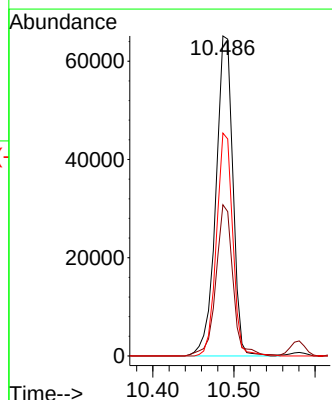
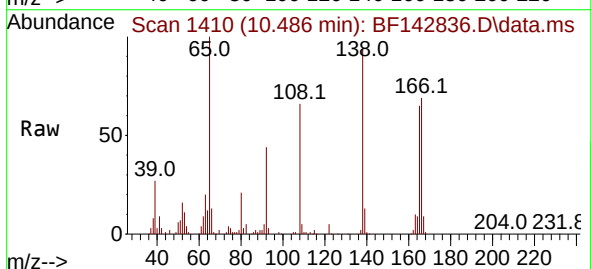
Instrument :
BNA_F
ClientSampleId :
PB168592BS

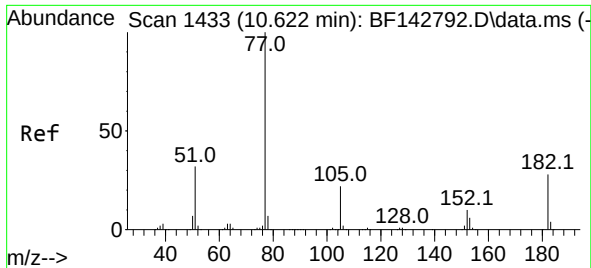
Tgt Ion:204 Resp: 208164
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 59.6 49.1 73.7



#62
4-Nitroaniline
Concen: 44.219 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:138 Resp: 95217
Ion Ratio Lower Upper
138 100
92 47.3 28.4 68.4
108 69.6 50.2 90.2

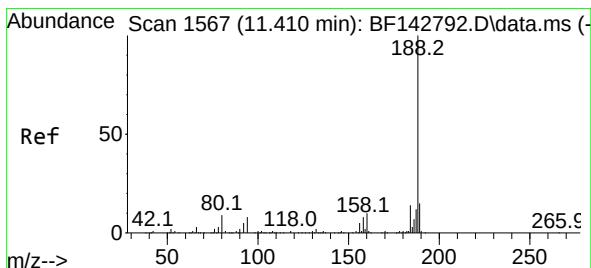
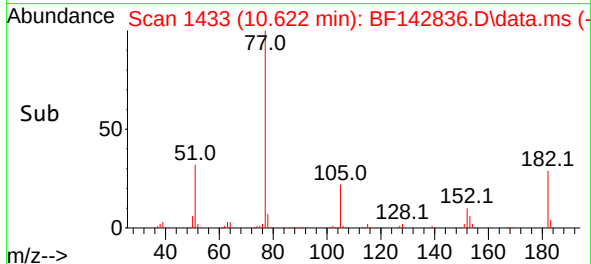
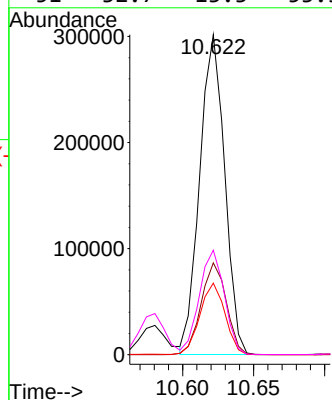
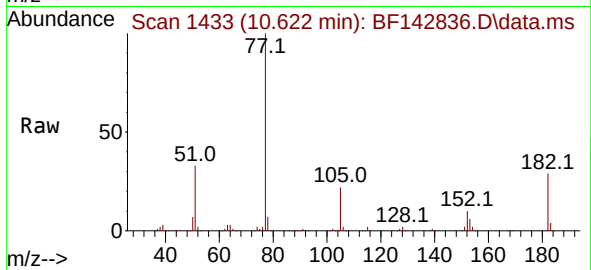




#63
Azobenzene
Concen: 43.219 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

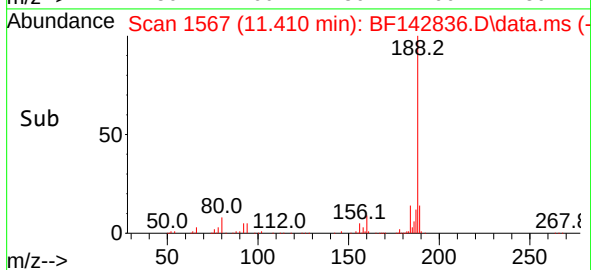
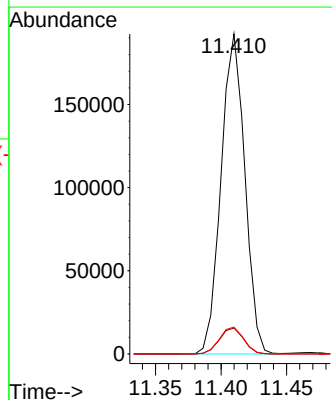
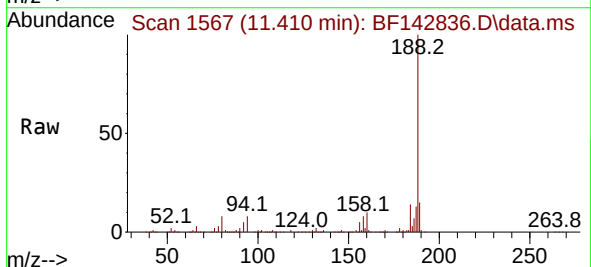
Instrument :
BNA_F
ClientSampleId :
PB168592BS

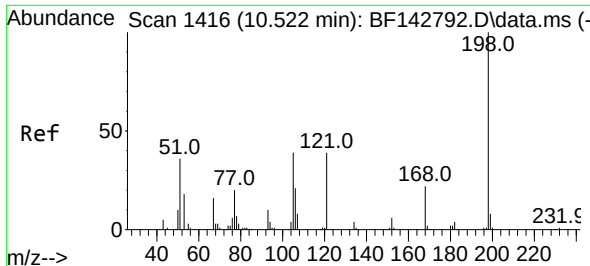
Tgt Ion: 77	Resp: 368801
Ion Ratio	Lower Upper
77 100	
182 28.7	7.7 47.7
105 22.3	1.9 41.9
51 32.7	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:188	Resp: 242210
Ion Ratio	Lower Upper
188 100	
94 8.1	6.7 10.1
80 8.4	6.9 10.3

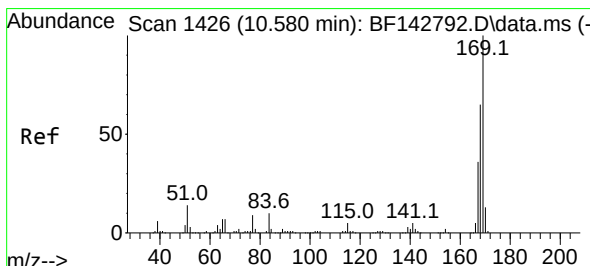
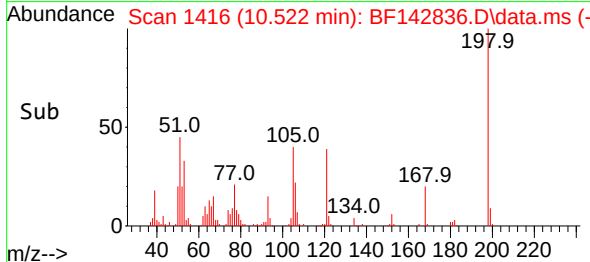
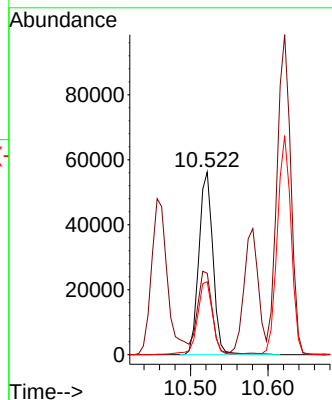
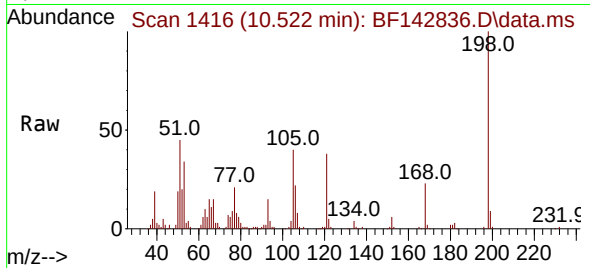




#65
4,6-Dinitro-2-methylphenol
Concen: 48.418 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

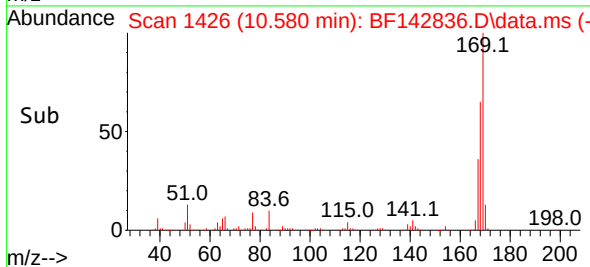
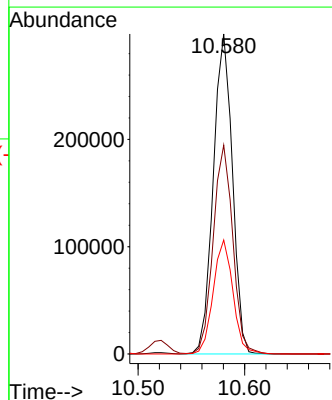
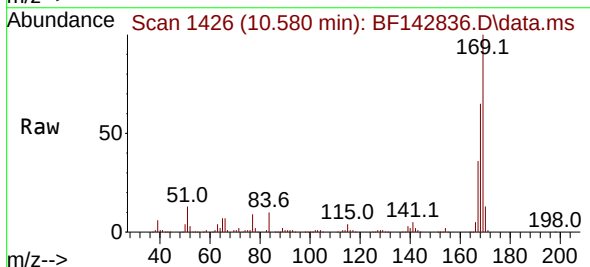
Instrument :
BNA_F
ClientSampleId :
PB168592BS

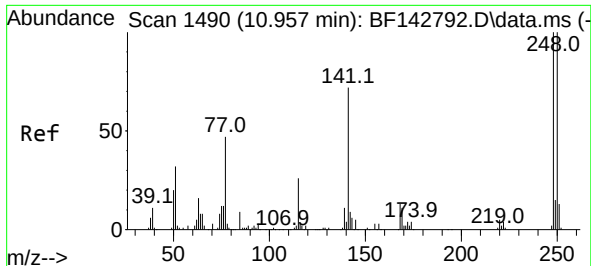
Tgt Ion:198 Resp: 70935
Ion Ratio Lower Upper
198 100
51 44.6 25.4 65.4
105 39.9 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 44.242 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:169 Resp: 371386
Ion Ratio Lower Upper
169 100
168 65.3 51.9 77.9
167 35.6 28.5 42.7

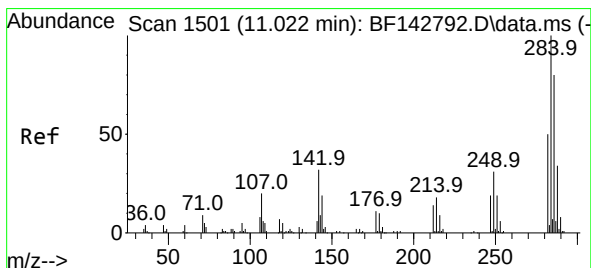
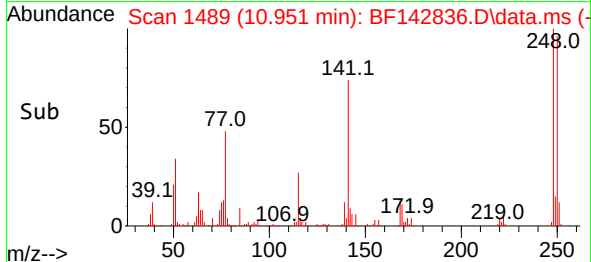
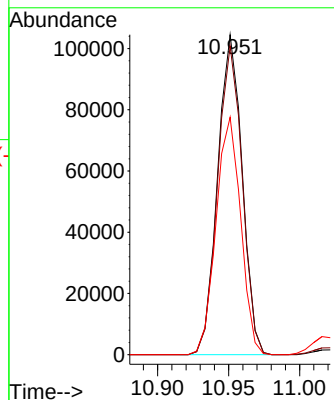
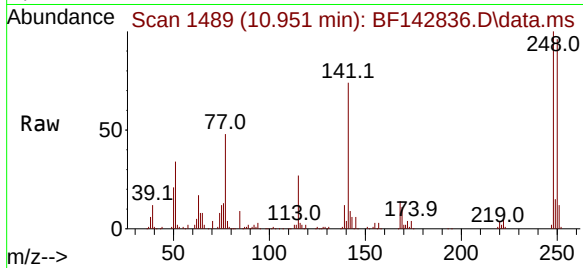




#67
4-Bromophenyl-phenylether
Concen: 45.569 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

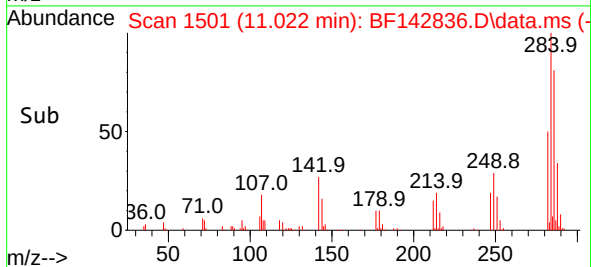
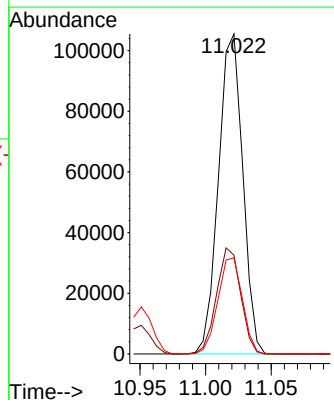
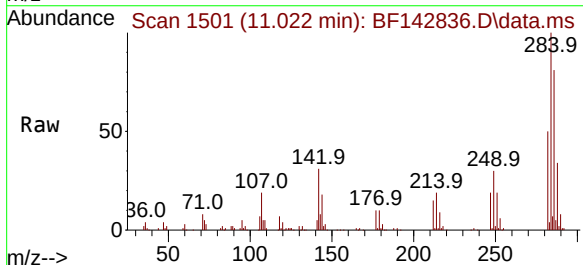
Instrument :
BNA_F
ClientSampleId :
PB168592BS

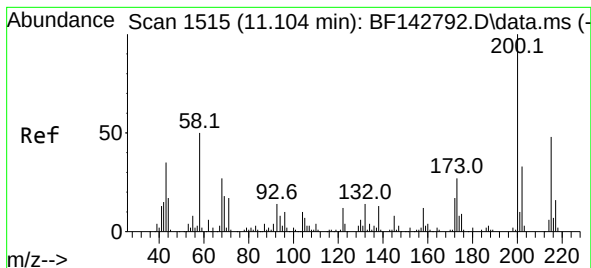
Tgt Ion:248 Resp: 125614
Ion Ratio Lower Upper
248 100
250 96.5 79.8 119.8
141 74.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 44.331 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:284 Resp: 135788
Ion Ratio Lower Upper
284 100
142 30.8 25.5 38.3
249 30.1 24.9 37.3





#69

Atrazine

Concen: 51.609 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

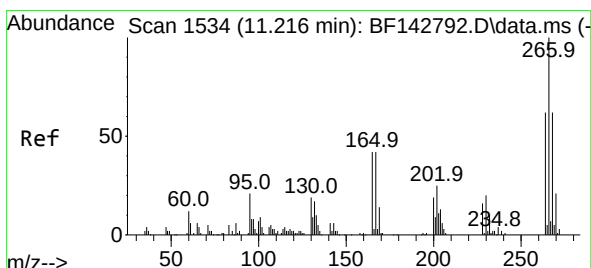
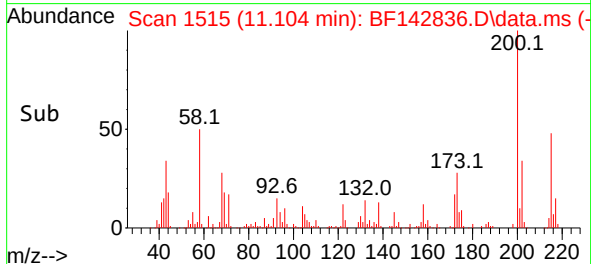
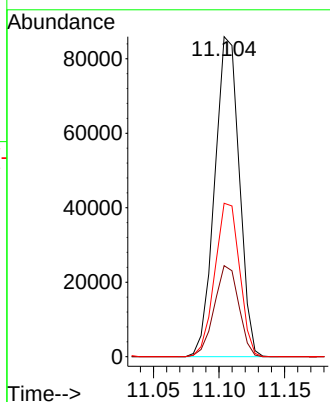
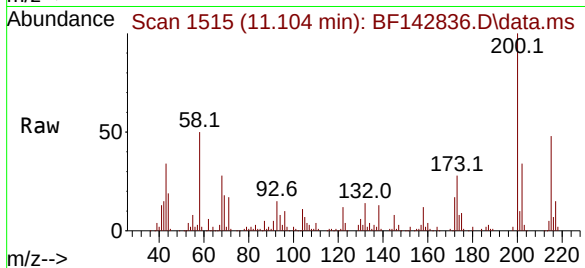
Tgt Ion:200 Resp: 111873

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 47.9 28.4 68.4



#70

Pentachlorophenol

Concen: 93.897 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

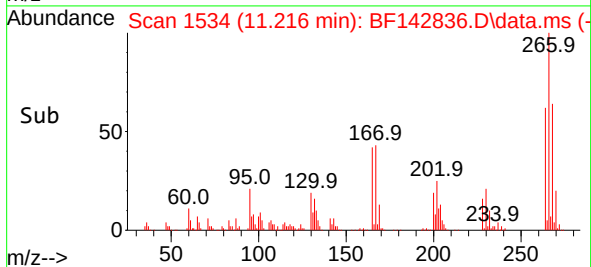
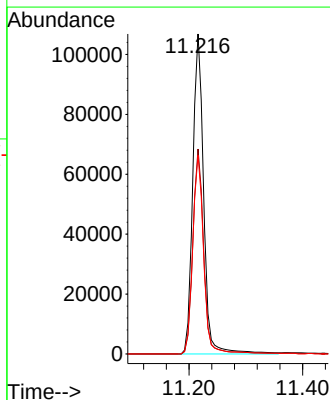
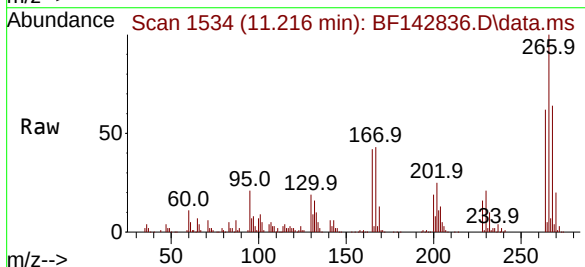
Tgt Ion:266 Resp: 143315

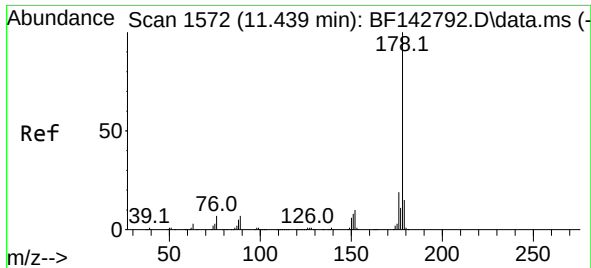
Ion Ratio Lower Upper

266 100

268 64.1 49.8 74.8

264 62.1 49.9 74.9

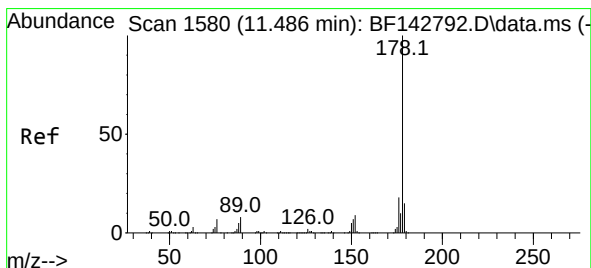
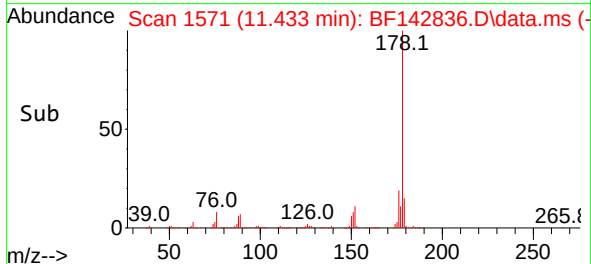
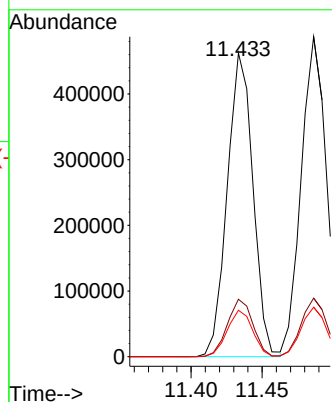
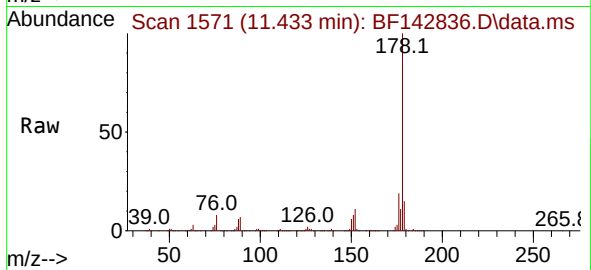




#71
Phenanthrene
Concen: 44.408 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

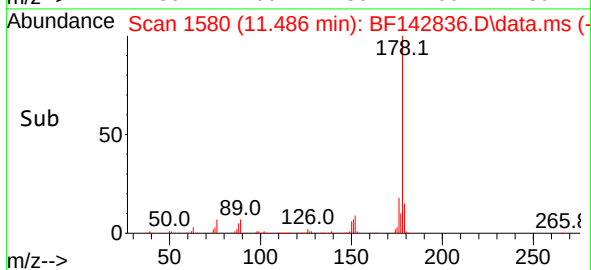
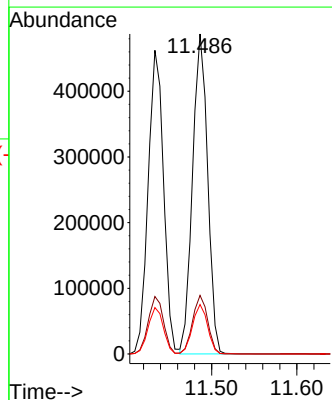
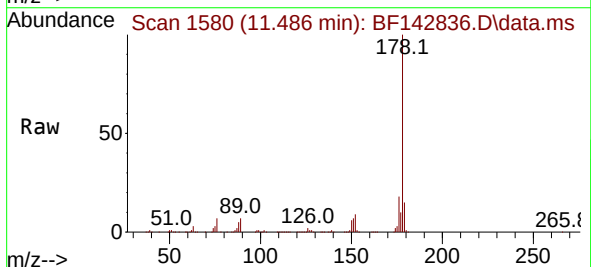
Instrument :
BNA_F
ClientSampleId :
PB168592BS

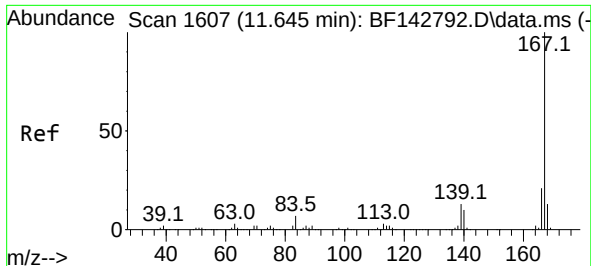
Tgt Ion:178 Resp: 582659
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 44.562 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

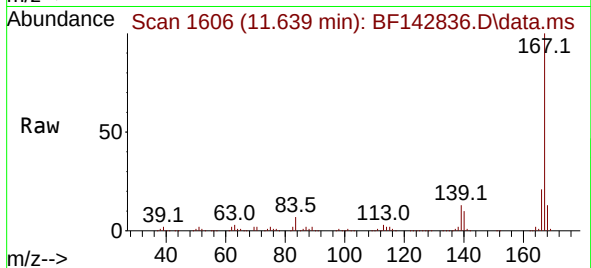
Tgt Ion:178 Resp: 599633
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.4 12.4 18.6



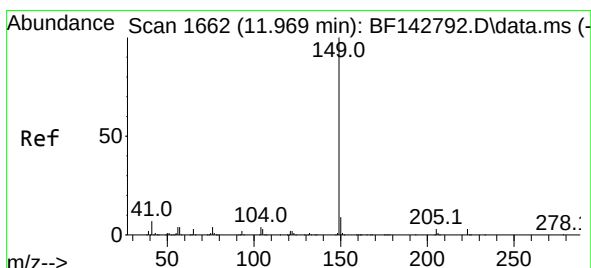
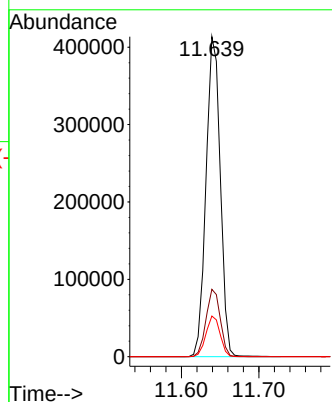
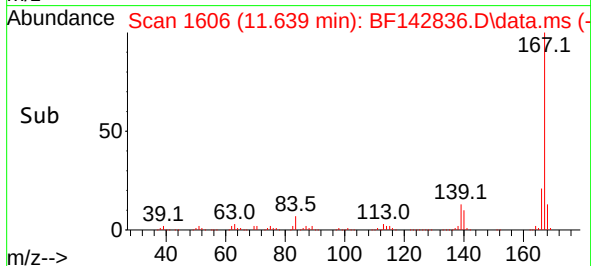


#73
Carbazole
Concen: 45.517 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

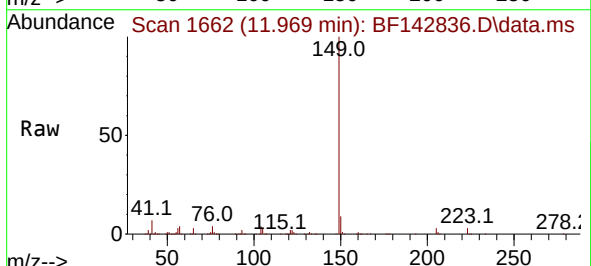
Instrument :
BNA_F
ClientSampleId :
PB168592BS



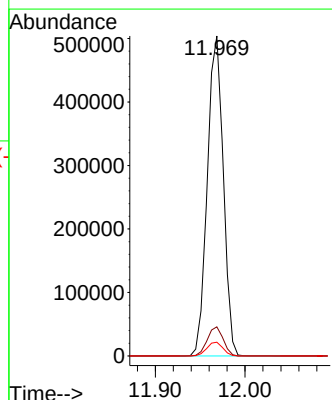
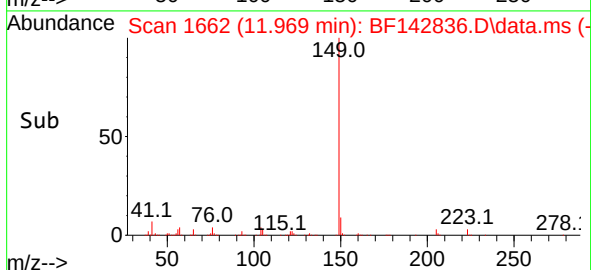
Tgt Ion:167 Resp: 528549
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.4
139 12.7 10.2 15.2

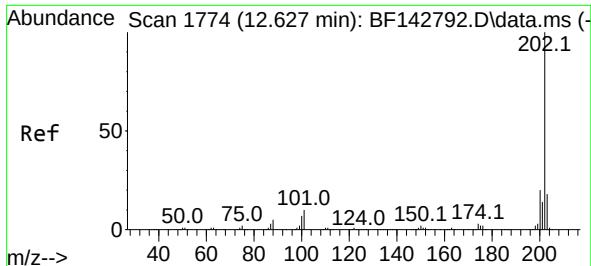


#74
Di-n-butylphthalate
Concen: 51.426 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25



Tgt Ion:149 Resp: 622098
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.3 3.5 5.3

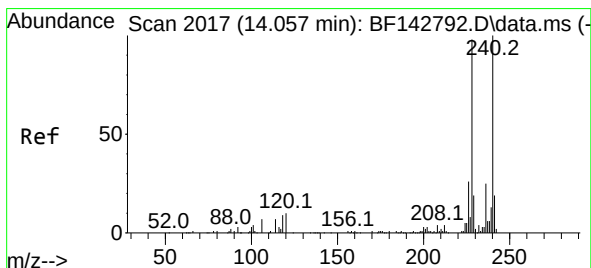
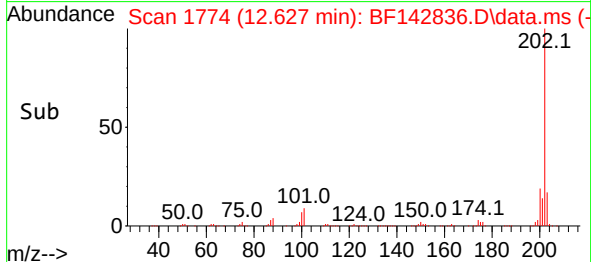
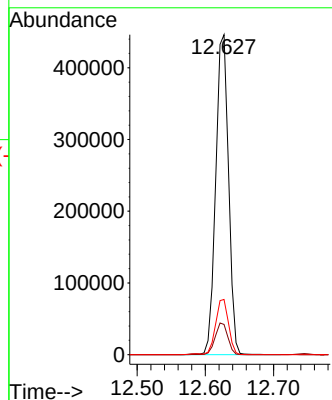
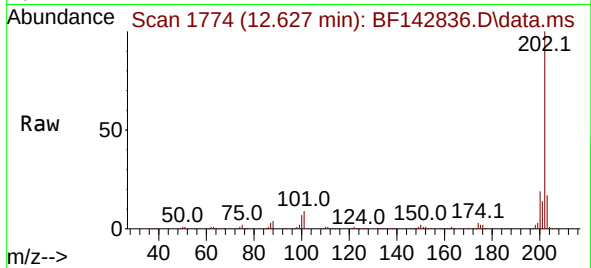




#75
Fluoranthene
Concen: 46.924 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

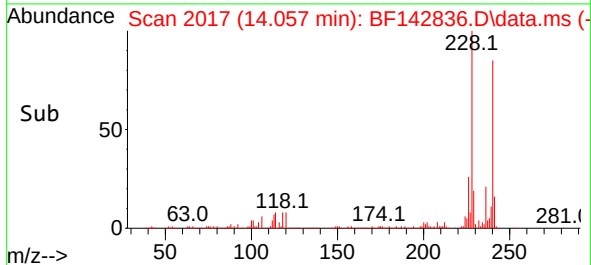
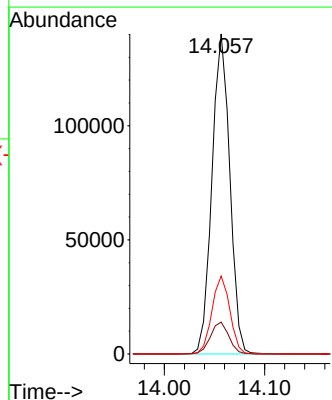
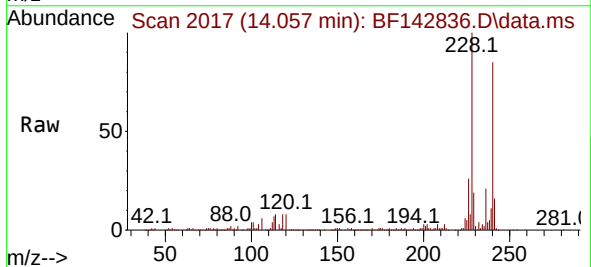
Instrument :
BNA_F
ClientSampleId :
PB168592BS

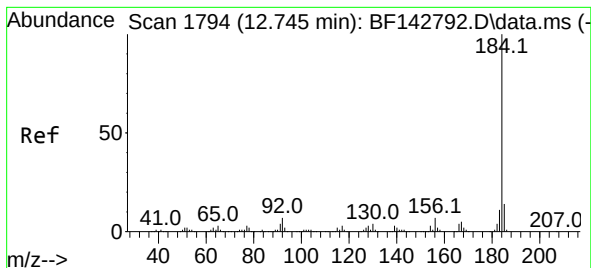
Tgt Ion:202 Resp: 584298
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:240 Resp: 173489
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 24.4 19.8 29.8





#77

Benzidine

Concen: 40.446 ng

RT: 12.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

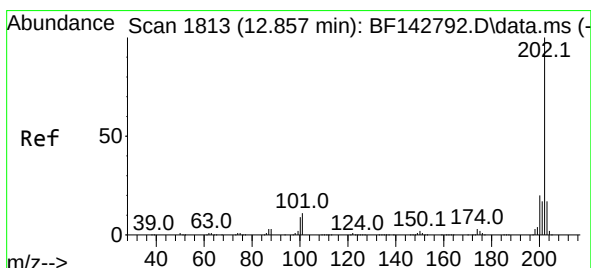
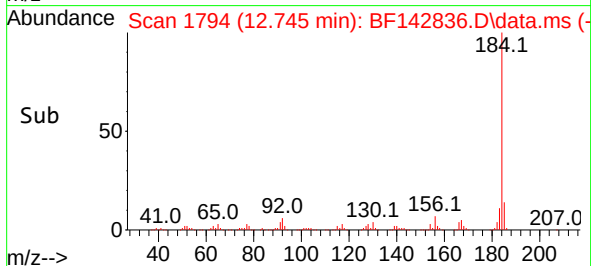
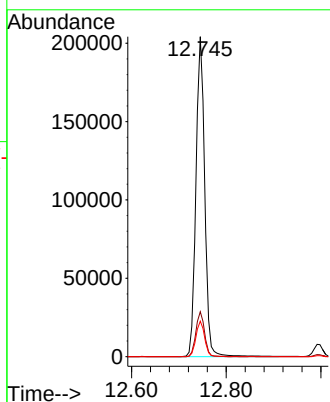
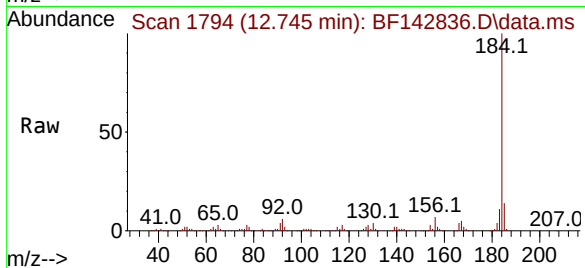
Tgt Ion:184 Resp: 263635

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 35.678 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

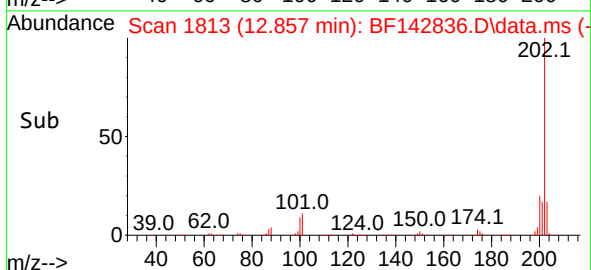
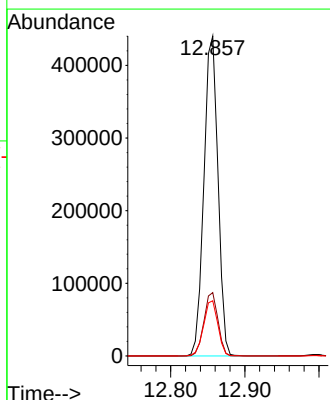
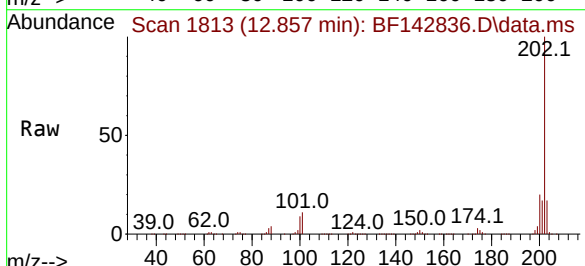
Tgt Ion:202 Resp: 580194

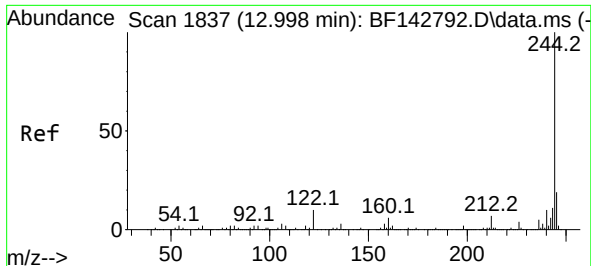
Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

203 17.3 13.8 20.6

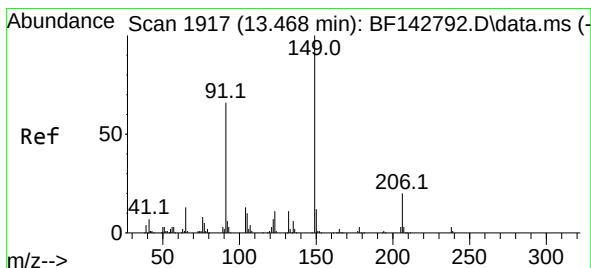
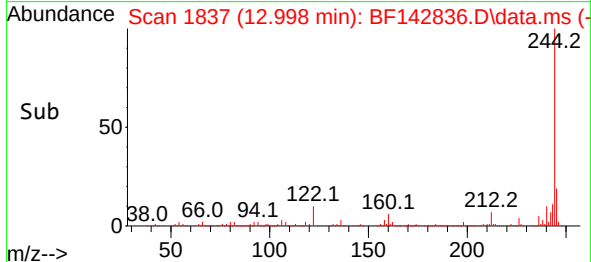
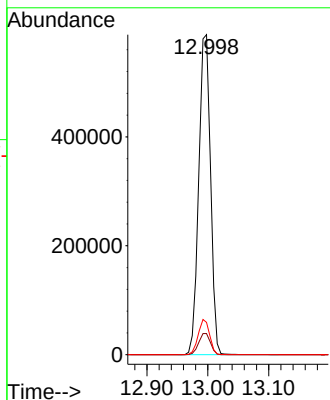
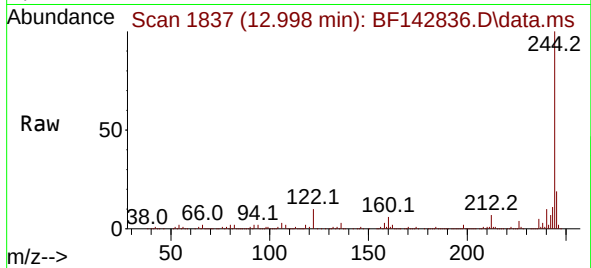




#79
 Terphenyl-d14
 Concen: 62.704 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142836.D
 Acq: 25 Jun 2025 14:25

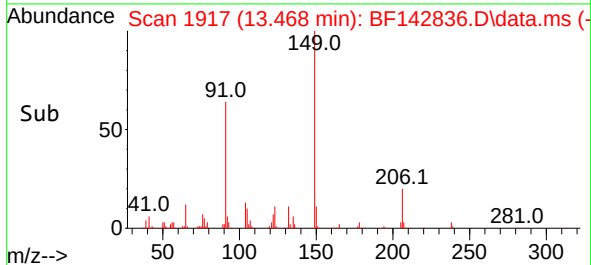
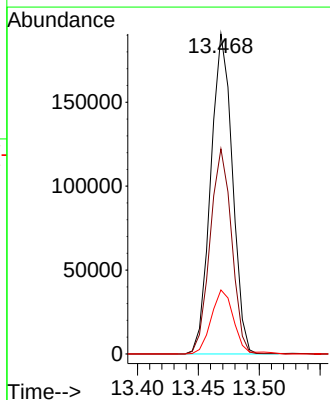
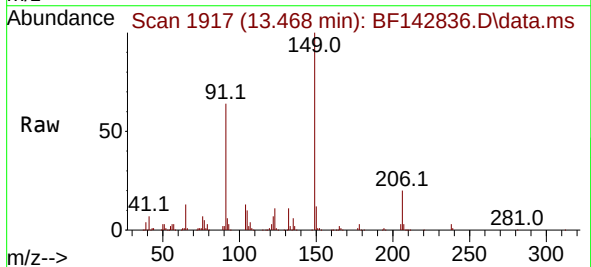
Instrument :
 BNA_F
 ClientSampleId :
 PB168592BS

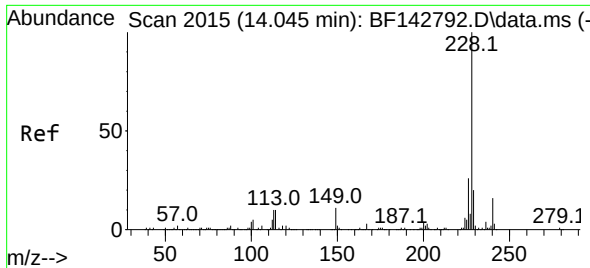
Tgt Ion:244 Resp: 787323
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.1 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 50.154 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142836.D
 Acq: 25 Jun 2025 14:25

Tgt Ion:149 Resp: 236584
 Ion Ratio Lower Upper
 149 100
 91 64.1 52.9 79.3
 206 20.0 16.3 24.5

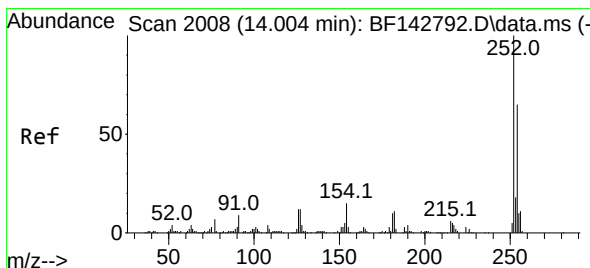
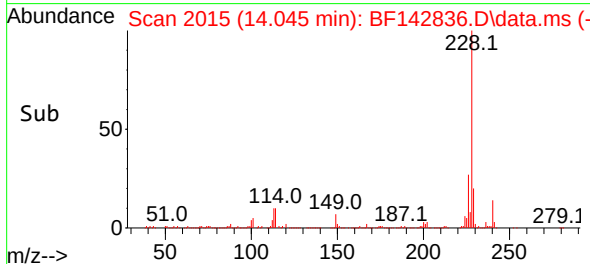
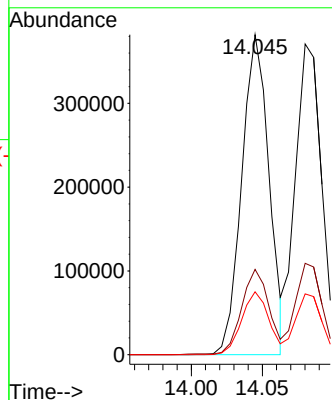
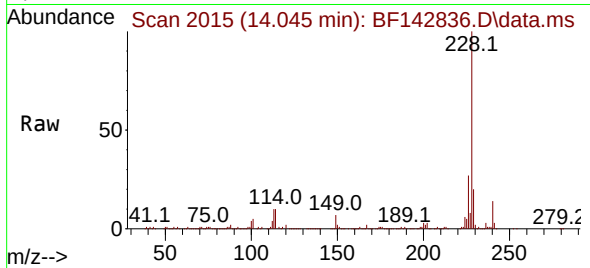




#81
Benzo(a)anthracene
Concen: 43.600 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

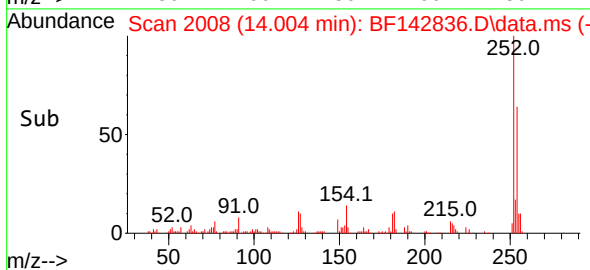
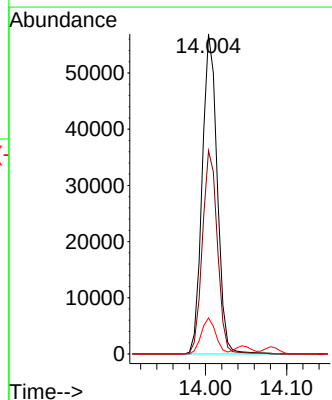
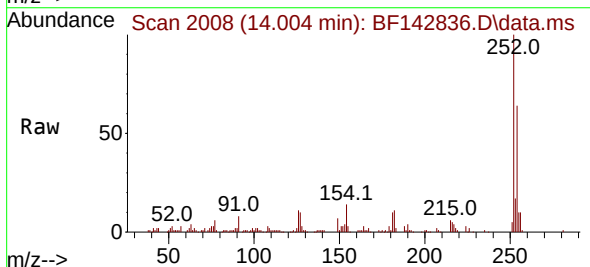
Instrument :
BNA_F
ClientSampleId :
PB168592BS

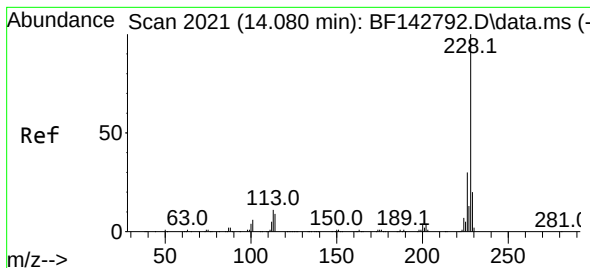
Tgt Ion:228 Resp: 510276
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 19.253 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:252 Resp: 73088
Ion Ratio Lower Upper
252 100
254 63.5 51.7 77.5
126 11.2 9.4 14.2





#83

Chrysene

Concen: 45.624 ng

RT: 14.080 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

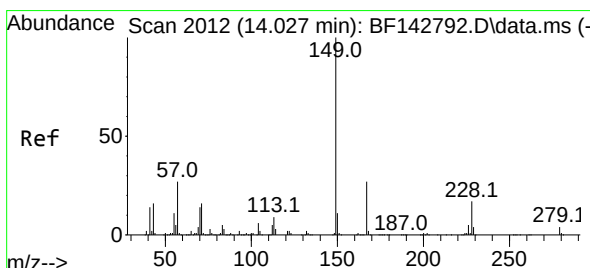
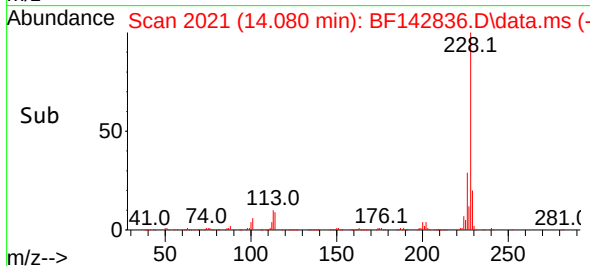
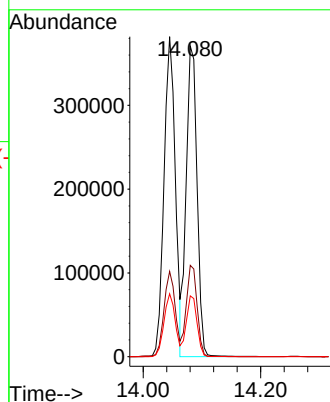
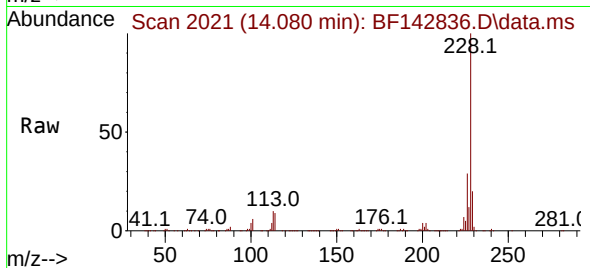
Tgt Ion:228 Resp: 476475

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.075 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

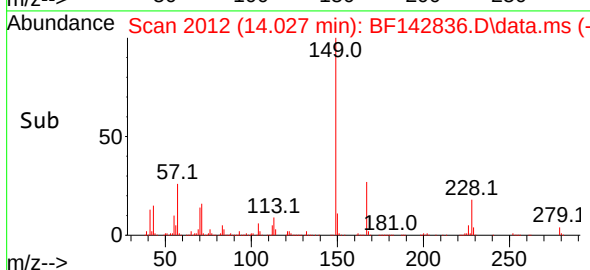
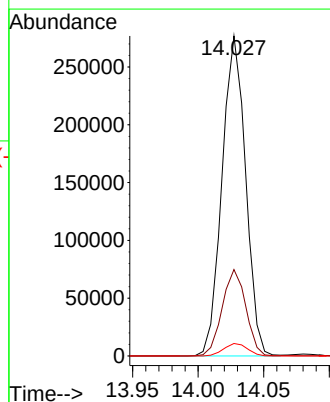
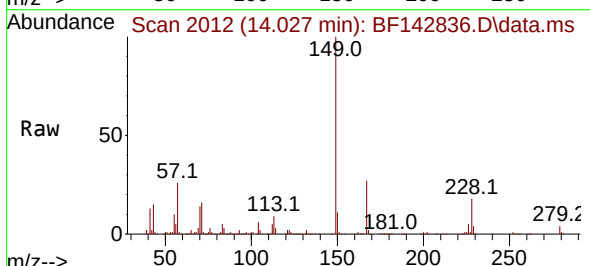
Tgt Ion:149 Resp: 346643

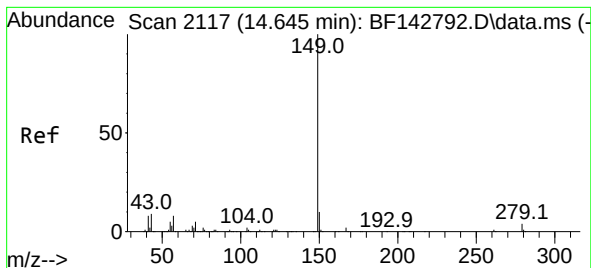
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 3.9 3.0 4.6

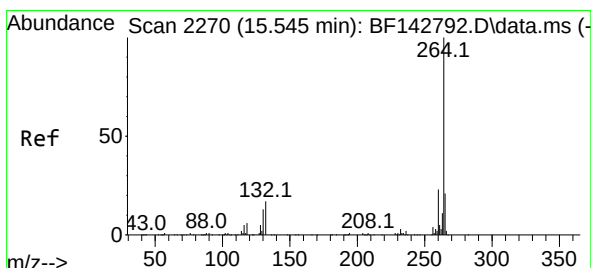
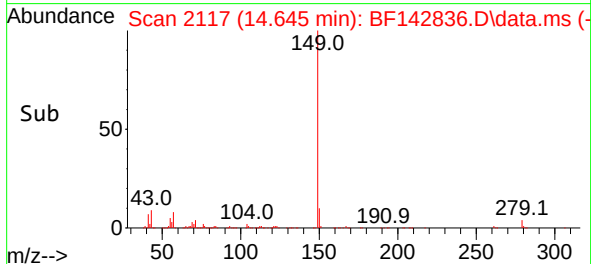
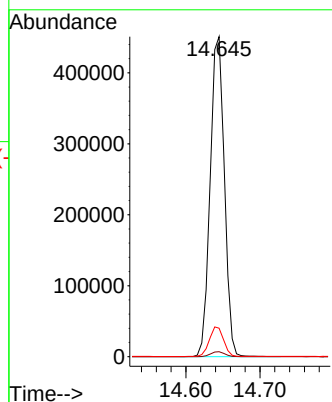
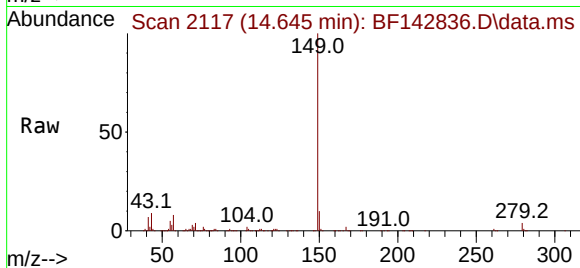




#85
Di-n-octyl phthalate
Concen: 46.953 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

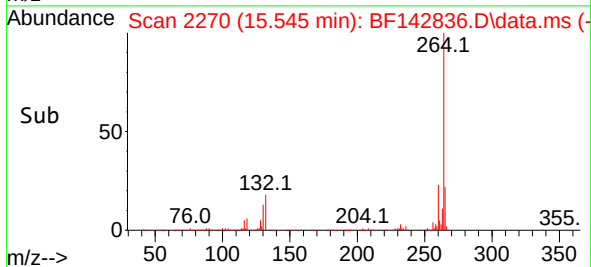
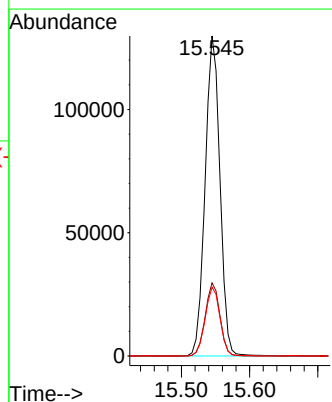
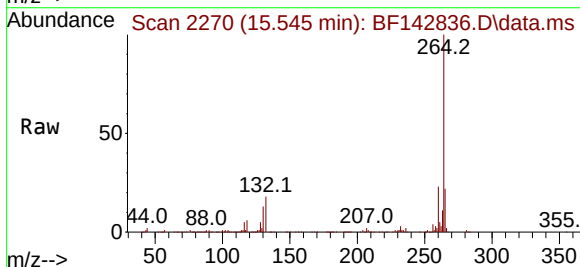
Instrument :
BNA_F
ClientSampleId :
PB168592BS

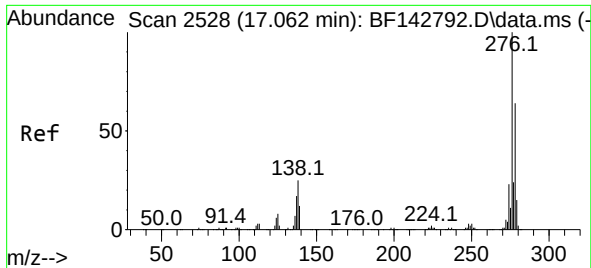
Tgt Ion:149 Resp: 600884
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:264 Resp: 196328
Ion Ratio Lower Upper
264 100
260 22.8 18.1 27.1
265 21.5 16.6 25.0

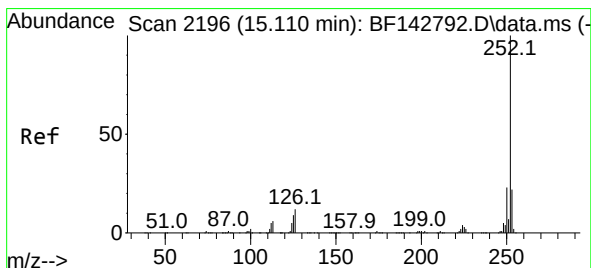
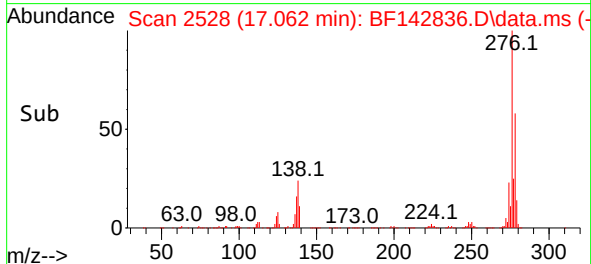
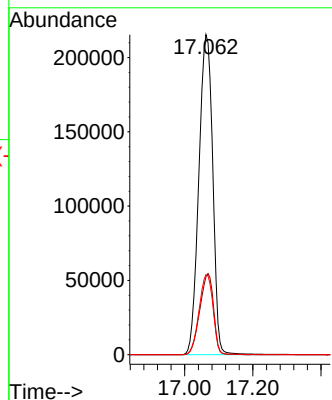
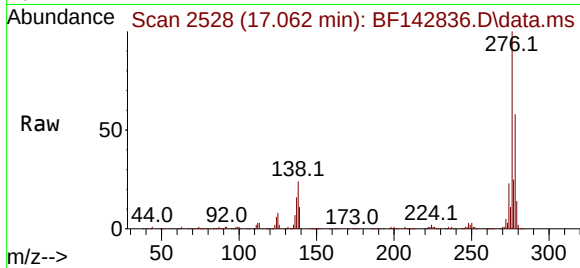




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.760 ng
 RT: 17.062 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF142836.D
 Acq: 25 Jun 2025 14:25

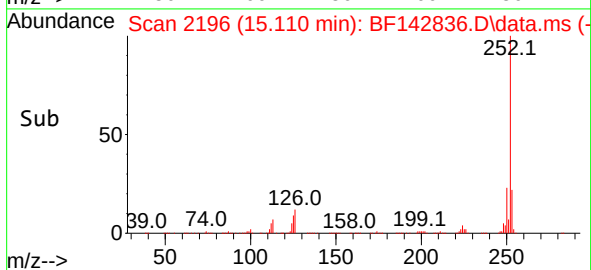
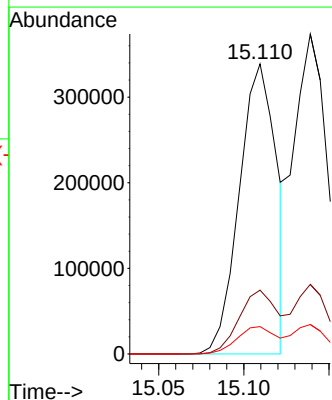
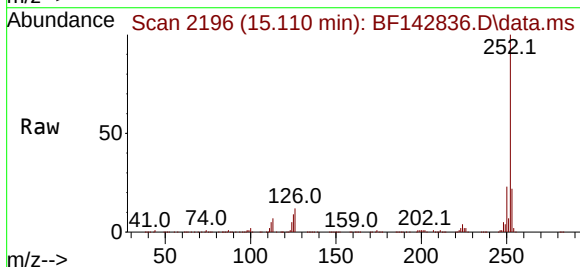
Instrument :
 BNA_F
 ClientSampleId :
 PB168592BS

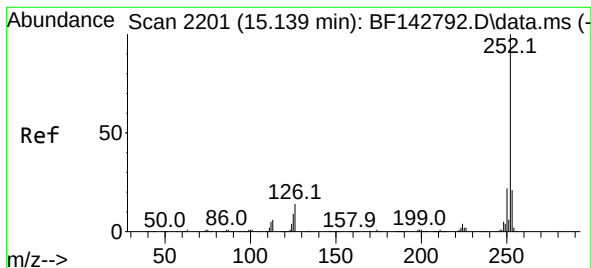
Tgt Ion:276 Resp: 609525
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.2 30.4
 277 25.1 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 45.164 ng
 RT: 15.110 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF142836.D
 Acq: 25 Jun 2025 14:25

Tgt Ion:252 Resp: 513076
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 48.862 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

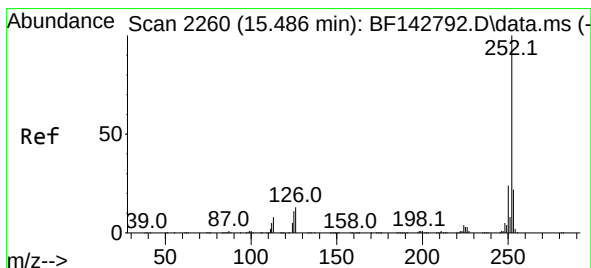
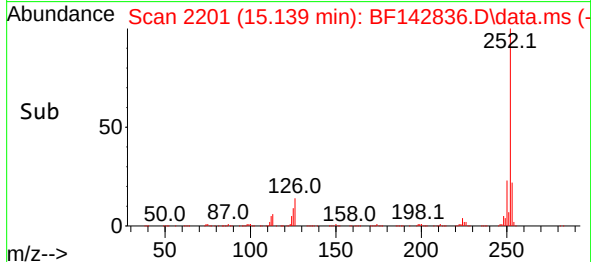
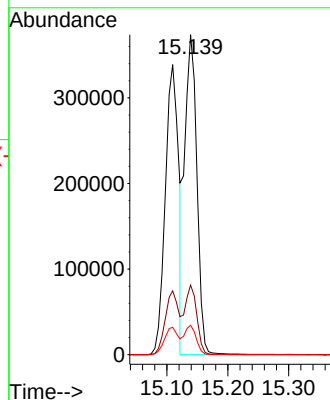
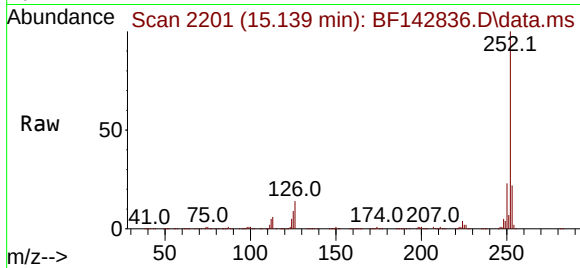
Tgt Ion:252 Resp: 519326

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 45.823 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

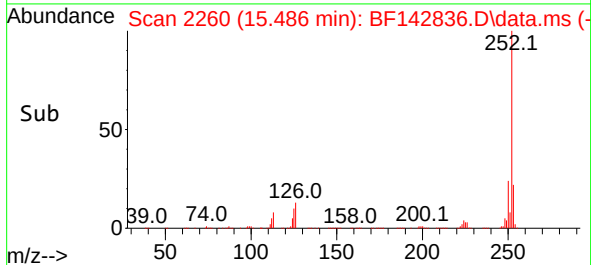
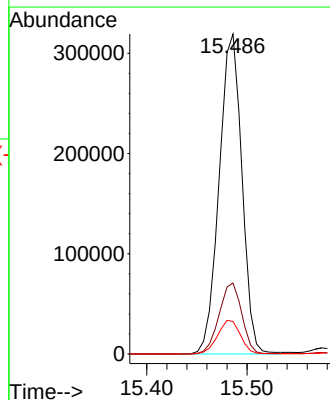
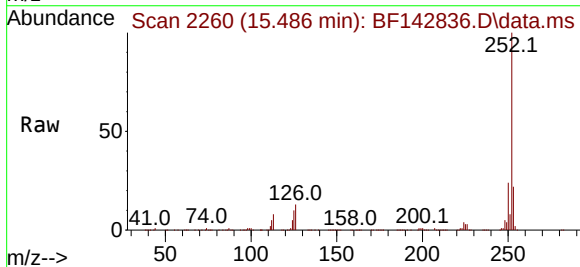
Tgt Ion:252 Resp: 502904

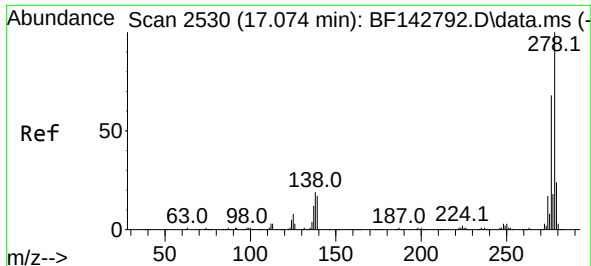
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.2 8.6 12.8

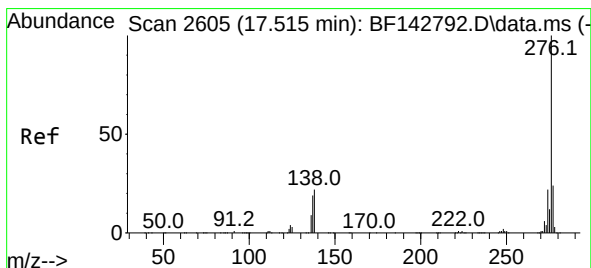
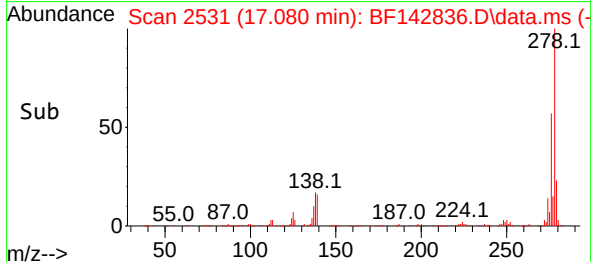
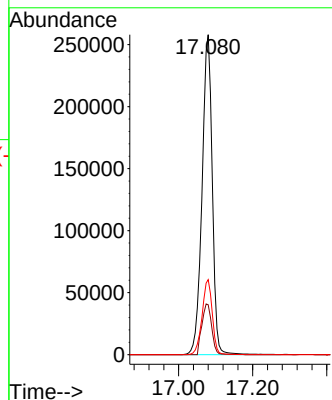
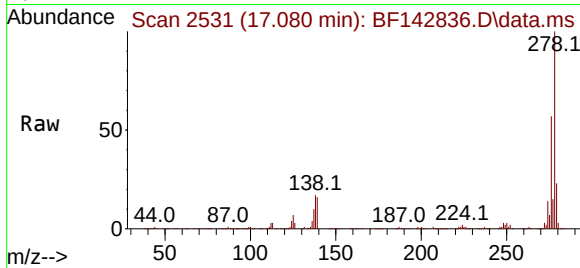




#91
Dibenzo(a,h)anthracene
Concen: 40.765 ng
RT: 17.080 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Instrument :
BNA_F
ClientSampleId :
PB168592BS

Tgt Ion:278 Resp: 495314
Ion Ratio Lower Upper
278 100
139 15.6 13.5 20.3
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.780 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:276 Resp: 494097
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 20.8 17.6 26.4

