

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142837.D
 Acq On : 25 Jun 2025 14:55
 Operator : RC/JU
 Sample : PB168592BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168592BSD

Quant Time: Jun 25 15:24:18 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	83905	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	314873	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	163617	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	262901	20.000	ng	0.00
76) Chrysene-d12	14.057	240	161274	20.000	ng	0.00
86) Perylene-d12	15.545	264	186310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	576444	114.384	ng	0.01
7) Phenol-d6	6.510	99	679158	114.227	ng	0.00
23) Nitrobenzene-d5	7.439	82	422392	73.581	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	200044	118.810	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	913001	73.304	ng	0.00
79) Terphenyl-d14	12.998	244	819614	70.220	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	71512	35.478	ng	100
3) Pyridine	3.481	79	190043	37.608	ng	99
4) n-Nitrosodimethylamine	3.434	42	109363	41.851	ng	98
6) Aniline	6.539	93	236875	29.941	ng	# 88
8) 2-Chlorophenol	6.663	128	231442	42.574	ng	98
9) Benzaldehyde	6.428	77	136379	38.662	ng	99
10) Phenol	6.528	94	271397	41.064	ng	88
11) bis(2-Chloroethyl)ether	6.610	93	204284	43.247	ng	99
12) 1,3-Dichlorobenzene	6.816	146	254453	41.852	ng	99
13) 1,4-Dichlorobenzene	6.892	146	259276	42.268	ng	99
14) 1,2-Dichlorobenzene	7.045	146	248525	42.716	ng	99
15) Benzyl Alcohol	7.022	79	184691	42.968	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	313301	41.283	ng	96
17) 2-Methylphenol	7.134	107	175342	42.562	ng	98
18) Hexachloroethane	7.386	117	90464	42.164	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	148995	43.087	ng	97
20) 3+4-Methylphenols	7.286	107	215831	42.019	ng	95
22) Acetophenone	7.286	105	299487	43.132	ng	98
24) Nitrobenzene	7.463	77	220303	42.401	ng	97
25) Isophorone	7.698	82	400821	43.526	ng	100
26) 2-Nitrophenol	7.775	139	127170	44.931	ng	99
27) 2,4-Dimethylphenol	7.816	122	207492	42.323	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	253828	43.356	ng	99
29) 2,4-Dichlorophenol	8.022	162	193429	43.513	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	209755	42.911	ng	99
31) Naphthalene	8.186	128	660099	42.829	ng	100
32) Benzoic acid	7.933	122	119403	47.784	ng	96
33) 4-Chloroaniline	8.233	127	113762	18.153	ng	98
34) Hexachlorobutadiene	8.298	225	130012	43.483	ng	99
35) Caprolactam	8.604	113	37441	31.919	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	189948	42.995	ng	99
37) 2-Methylnaphthalene	8.875	142	410789	42.991	ng	100
38) 1-Methylnaphthalene	8.975	142	427339	43.203	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	210803	43.664	ng	99
41) Hexachlorocyclopentadiene	9.028	237	253259	92.441	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	133329	42.382	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142837.D
 Acq On : 25 Jun 2025 14:55
 Operator : RC/JU
 Sample : PB168592BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

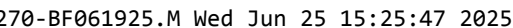
Instrument :
 BNA_F
 ClientSampleId :
 PB168592BSD

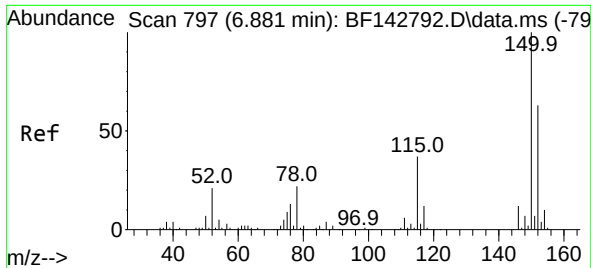
Quant Time: Jun 25 15:24:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	143578	43.356	ng	99
46) 1,1'-Biphenyl	9.339	154	560823	43.391	ng	100
47) 2-Chloronaphthalene	9.369	162	411944	42.472	ng	100
48) 2-Nitroaniline	9.463	65	117627	43.258	ng	96
49) Acenaphthylene	9.780	152	679599	42.563	ng	100
50) Dimethylphthalate	9.639	163	469688	44.348	ng	99
51) 2,6-Dinitrotoluene	9.704	165	103346	44.433	ng	99
52) Acenaphthene	9.957	154	458819	47.098	ng	100
53) 3-Nitroaniline	9.875	138	62001	24.211	ng	98
54) 2,4-Dinitrophenol	9.986	184	124838	107.193	ng	97
55) Dibenzofuran	10.127	168	593301	42.471	ng	100
56) 4-Nitrophenol	10.039	139	160652	91.637	ng	99
57) 2,4-Dinitrotoluene	10.110	165	139310	45.092	ng	98
58) Fluorene	10.469	166	464422	42.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	112475	42.135	ng	98
60) Diethylphthalate	10.339	149	467604	45.030	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	220965	42.444	ng	99
62) 4-Nitroaniline	10.492	138	102121	43.603	ng	97
63) Azobenzene	10.622	77	398817	42.971	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	76429	48.062	ng	97
66) n-Nitrosodiphenylamine	10.580	169	404954	44.444	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	135948	45.436	ng	96
68) Hexachlorobenzene	11.022	284	147569	44.386	ng	98
69) Atrazine	11.110	200	120913	51.389	ng	99
70) Pentachlorophenol	11.216	266	156013	94.172	ng	98
71) Phenanthrene	11.433	178	630354	44.262	ng	99
72) Anthracene	11.486	178	645095	44.167	ng	99
73) Carbazole	11.639	167	565561	44.871	ng	100
74) Di-n-butylphthalate	11.969	149	664599	50.615	ng	100
75) Fluoranthene	12.627	202	619349	45.824	ng	99
77) Benzidine	12.745	184	246655	40.707	ng	100
78) Pyrene	12.857	202	609983	40.351	ng	100
80) Butylbenzylphthalate	13.468	149	225717	51.475	ng	98
81) Benzo(a)anthracene	14.045	228	487545	44.813	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	69101	19.582	ng	99
83) Chrysene	14.080	228	445178	45.856	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	324650	51.458	ng	100
85) Di-n-octyl phthalate	14.645	149	577036	48.505	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	597719	42.119	ng	99
88) Benzo(b)fluoranthene	15.109	252	490465	45.495	ng	99
89) Benzo(k)fluoranthene	15.139	252	472041	46.801	ng	99
90) Benzo(a)pyrene	15.486	252	476585	45.760	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	488845	42.396	ng	99
92) Benzo(g,h,i)perylene	17.521	276	490223	42.636	ng	99

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

Quant Time: Jun 25 15:24:18 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

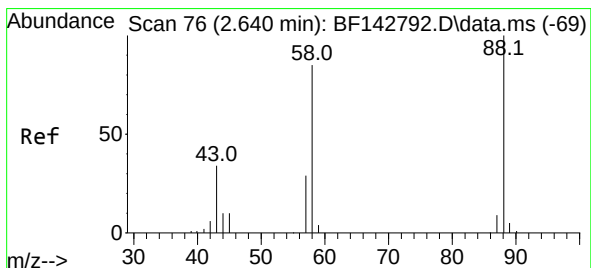
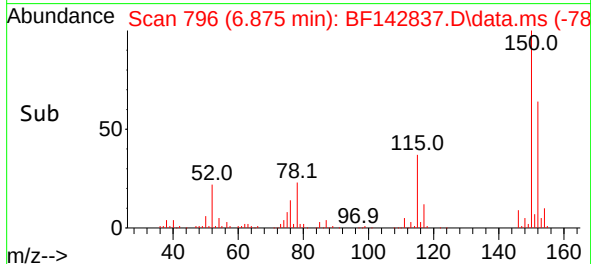
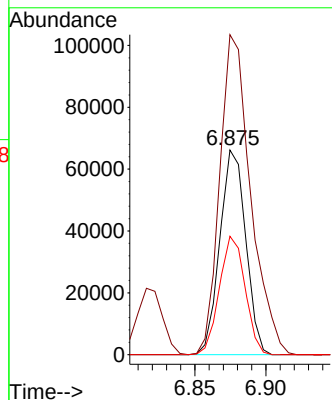
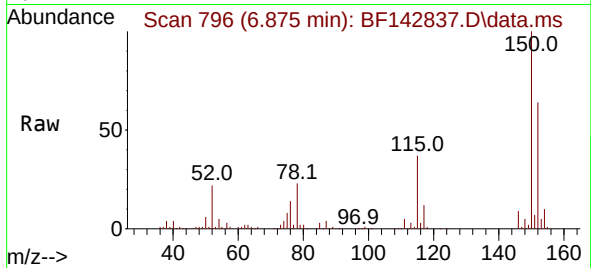




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142837.D
 Acq: 25 Jun 2025 14:55

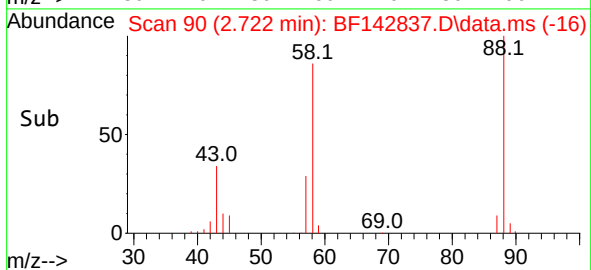
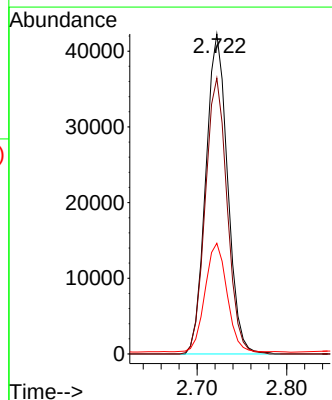
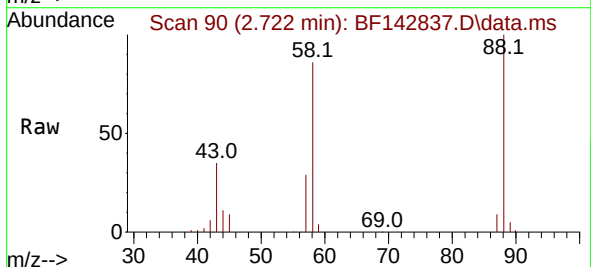
Instrument :
 BNA_F
 ClientSampleId :
 PB168592BSD

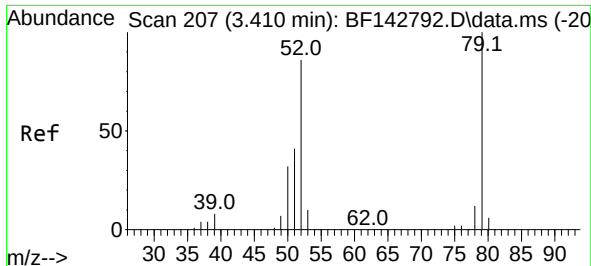
Tgt Ion:152 Resp: 83905
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.2 190.8
 115 57.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.478 ng
 RT: 2.722 min Scan# 90
 Delta R.T. 0.082 min
 Lab File: BF142837.D
 Acq: 25 Jun 2025 14:55

Tgt Ion: 88 Resp: 71512
 Ion Ratio Lower Upper
 88 100
 58 86.4 69.1 103.7
 43 34.8 27.4 41.2

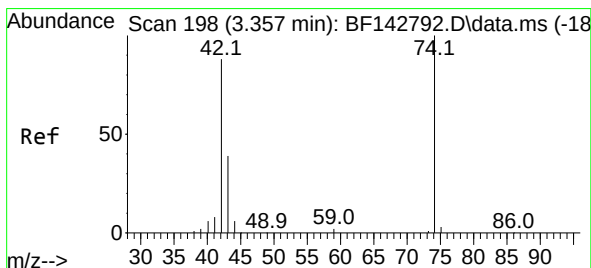
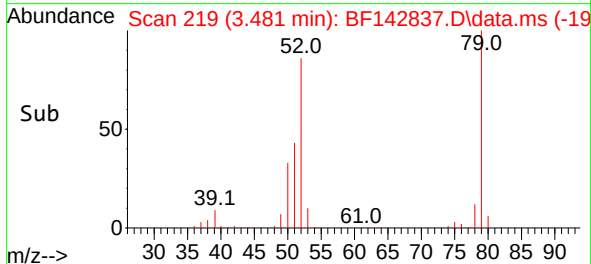
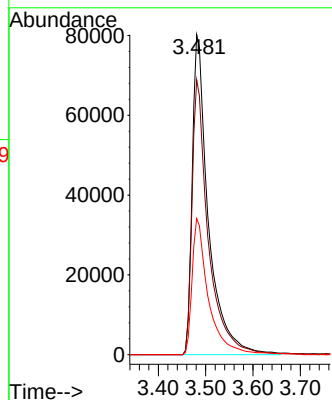
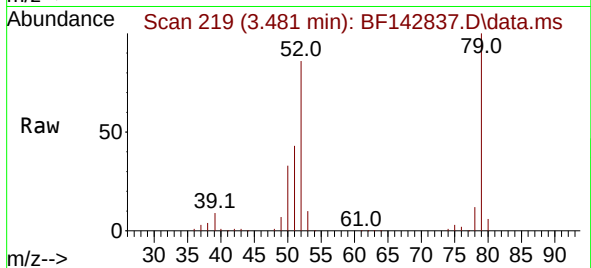




#3
Pyridine
Concen: 37.608 ng
RT: 3.481 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

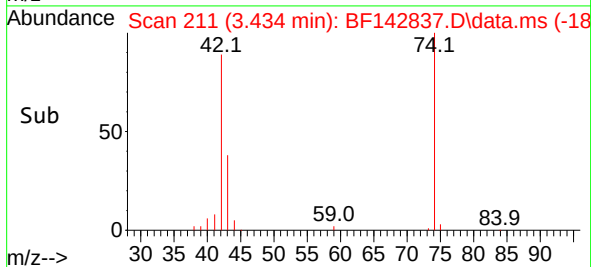
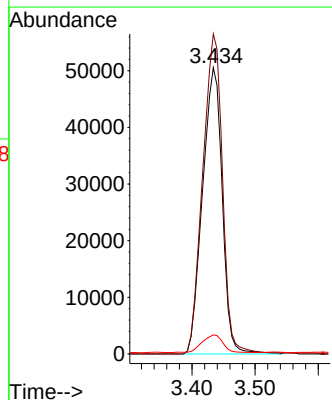
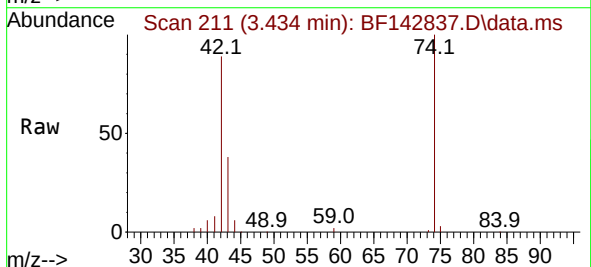
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

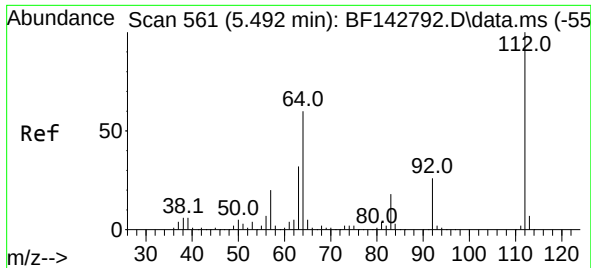
Tgt Ion: 79 Resp: 190043
Ion Ratio Lower Upper
79 100
52 85.9 69.2 103.8
51 42.5 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.851 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.076 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion: 42 Resp: 109363
Ion Ratio Lower Upper
42 100
74 111.8 90.9 136.3
44 6.6 5.8 8.6

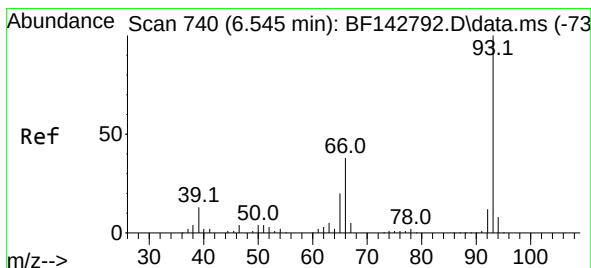
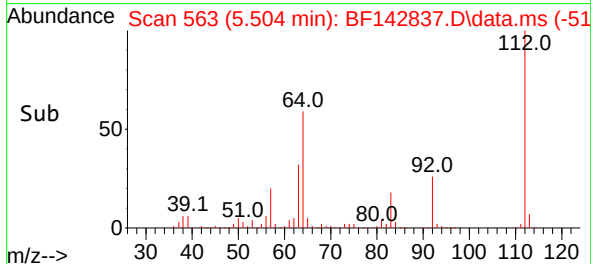
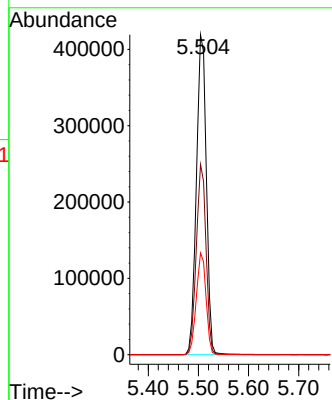
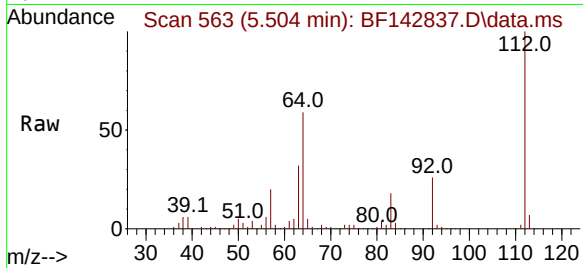




#5
2-Fluorophenol
Concen: 114.384 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

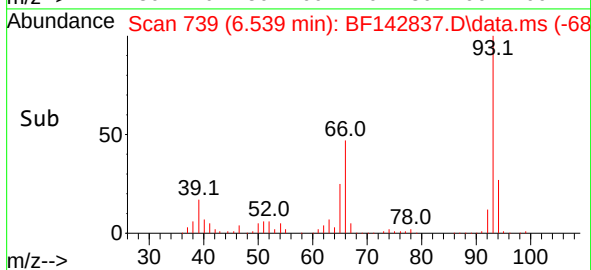
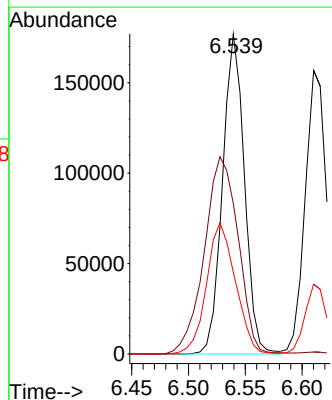
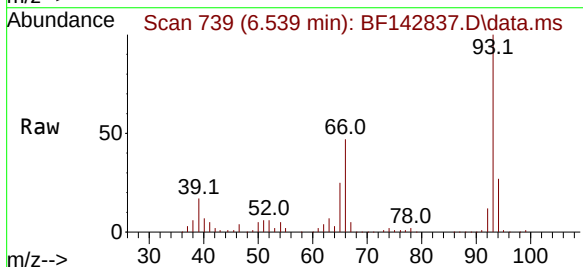
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

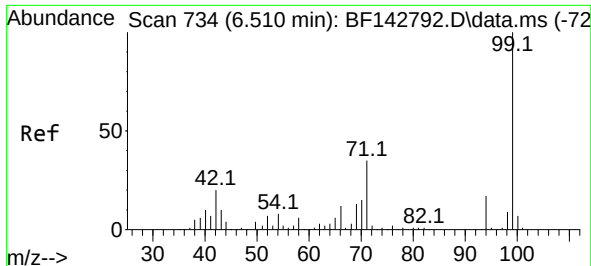
Tgt Ion:112 Resp: 576444
Ion Ratio Lower Upper
112 100
64 59.5 48.2 72.2
63 31.8 25.7 38.5



#6
Aniline
Concen: 29.941 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion: 93 Resp: 236875
Ion Ratio Lower Upper
93 100
66 47.0 31.8 47.6
65 25.5 16.2 24.2#

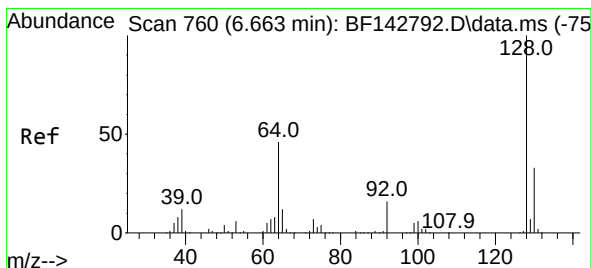
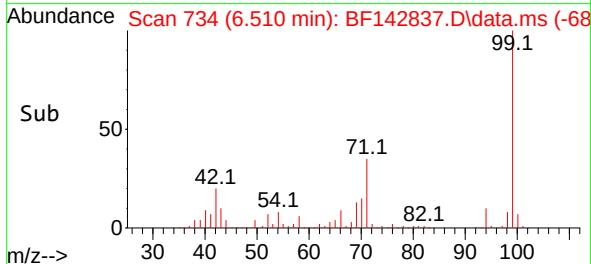
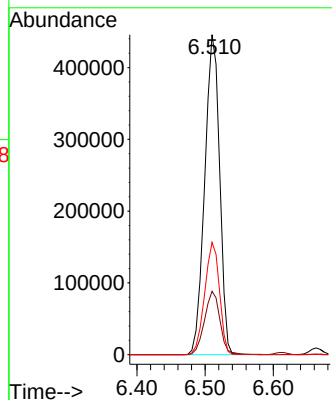
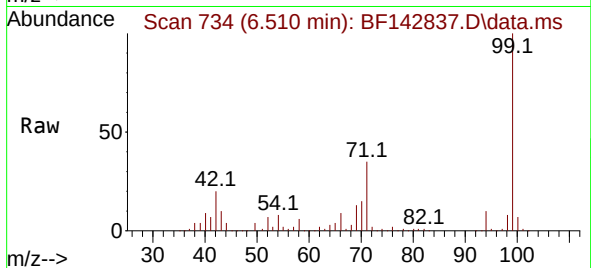




#7
Phenol-d6
Concen: 114.227 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

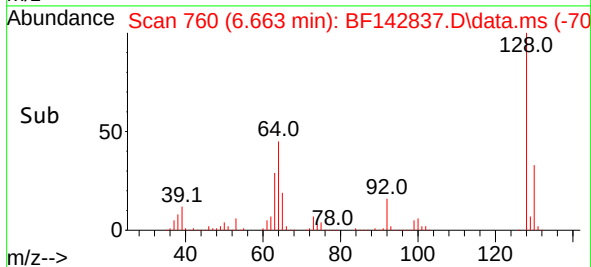
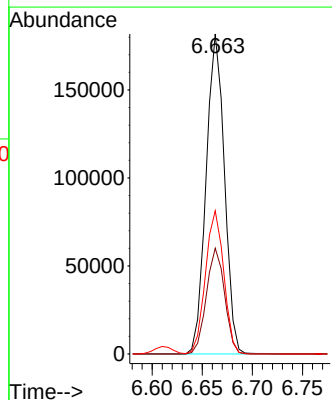
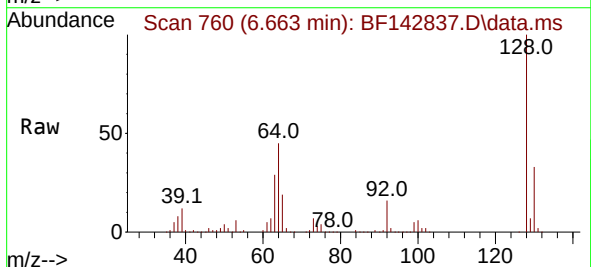
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

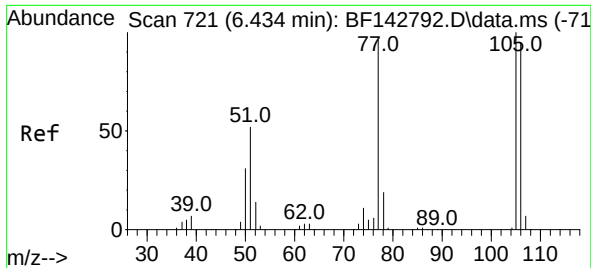
Tgt Ion: 99 Resp: 679158
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.1 27.8 41.8



#8
2-Chlorophenol
Concen: 42.574 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:128 Resp: 231442
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 44.7 26.5 66.5

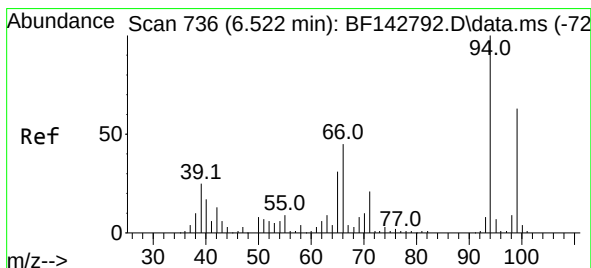
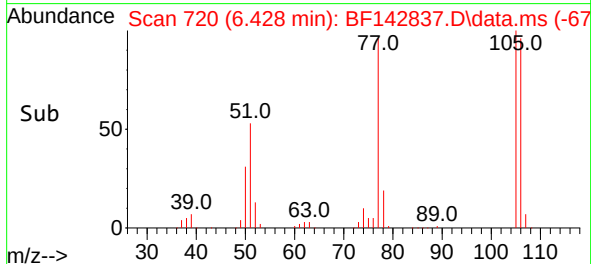
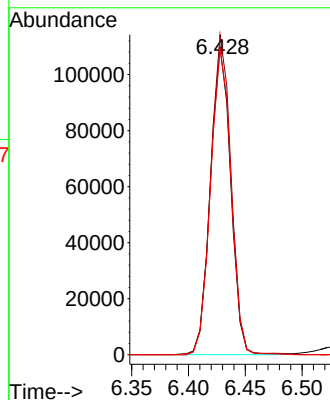
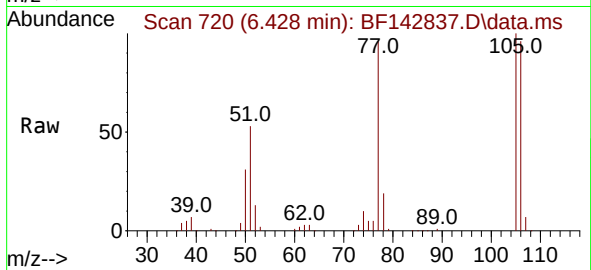




#9
Benzaldehyde
Concen: 38.662 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

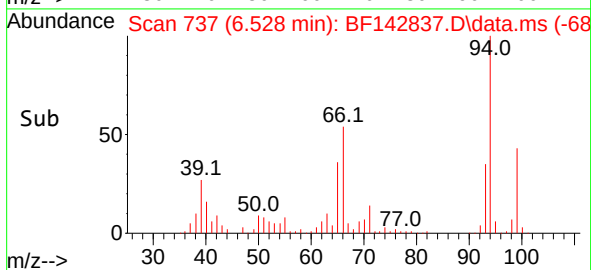
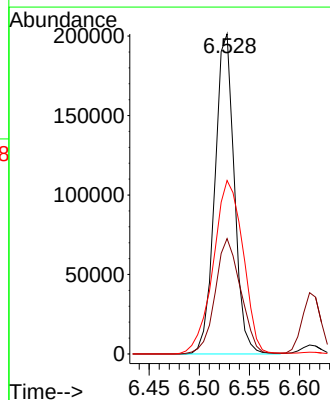
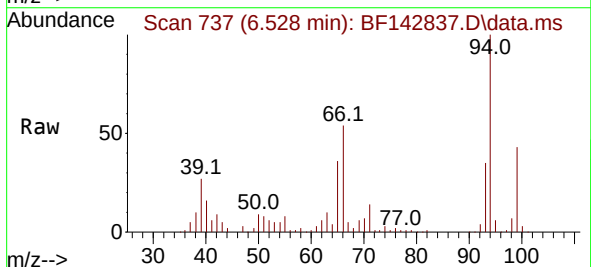
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

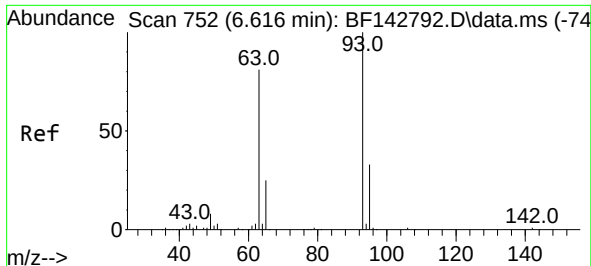
Tgt Ion: 77 Resp: 136379
Ion Ratio Lower Upper
77 100
105 104.1 83.8 123.8
106 99.5 78.7 118.7



#10
Phenol
Concen: 41.064 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion: 94 Resp: 271397
Ion Ratio Lower Upper
94 100
65 36.0 11.3 51.3
66 54.2 24.9 64.9

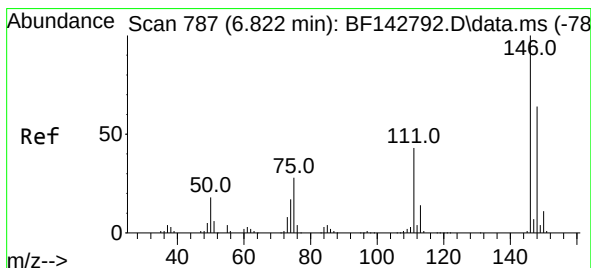
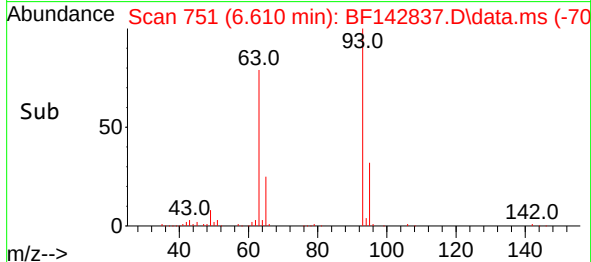
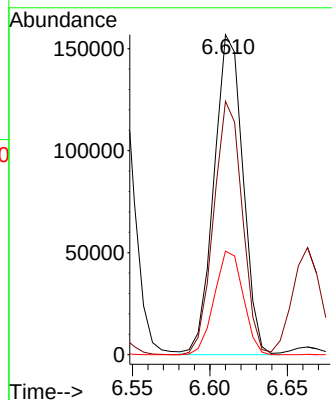
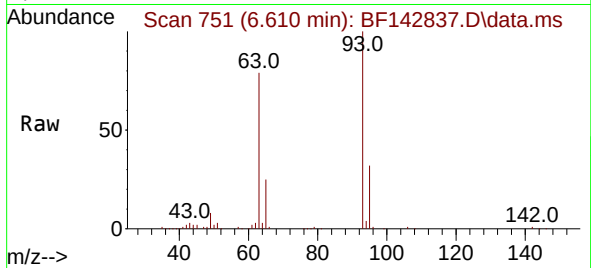




#11
bis(2-Chloroethyl)ether
Concen: 43.247 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

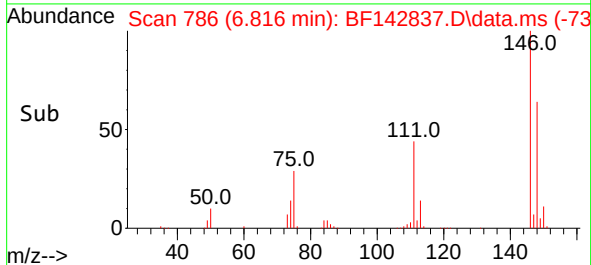
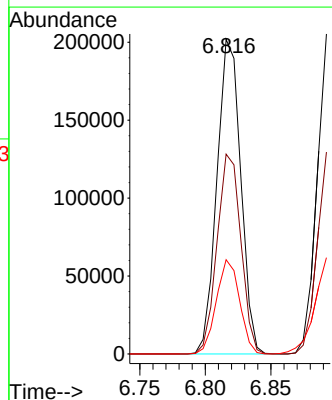
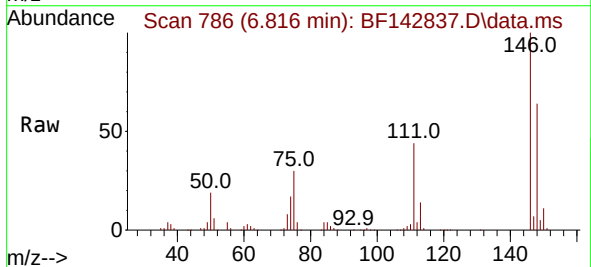
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

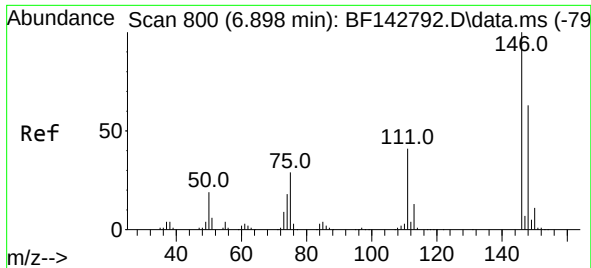
Tgt Ion: 93 Resp: 204284
Ion Ratio Lower Upper
93 100
63 79.2 60.3 100.3
95 32.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.852 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:146 Resp: 254453
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
75 30.0 22.7 34.1

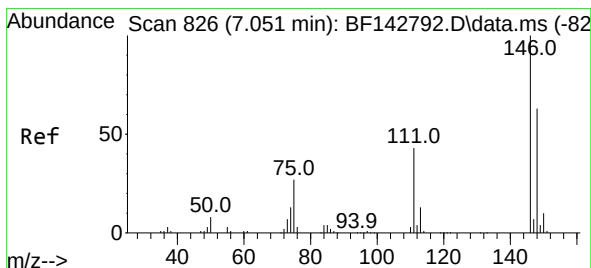
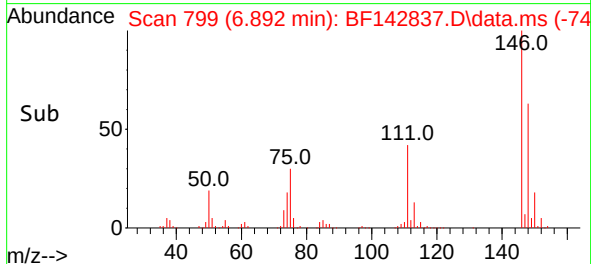
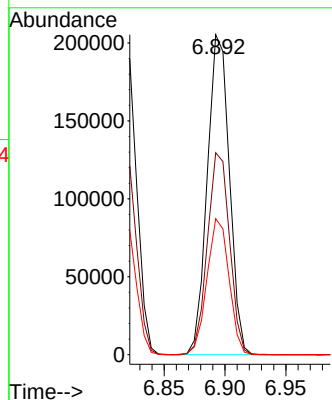
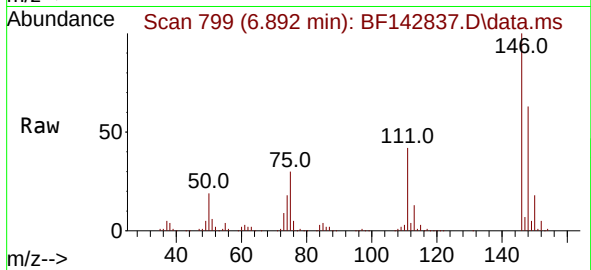




#13
1,4-Dichlorobenzene
Concen: 42.268 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

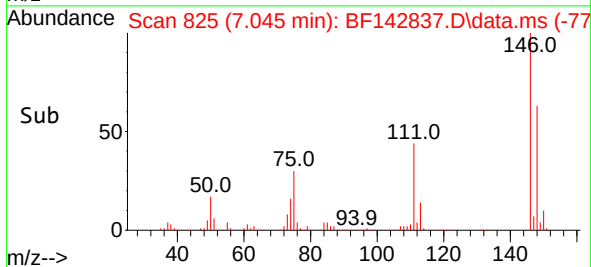
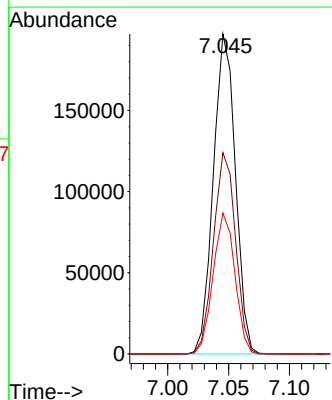
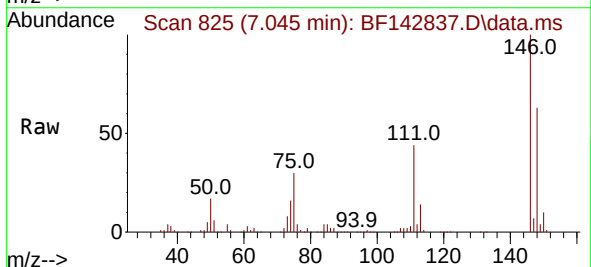
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

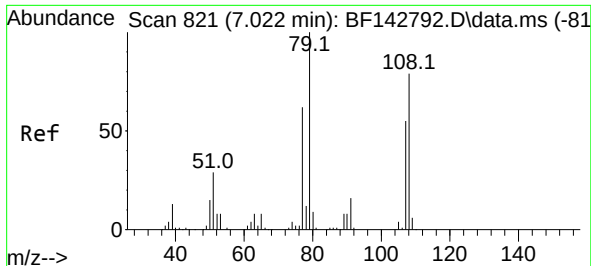
Tgt Ion:146 Resp: 259276
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.2
111 42.5 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 42.716 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:146 Resp: 248525
Ion Ratio Lower Upper
146 100
148 62.9 50.4 75.6
111 44.0 34.1 51.1

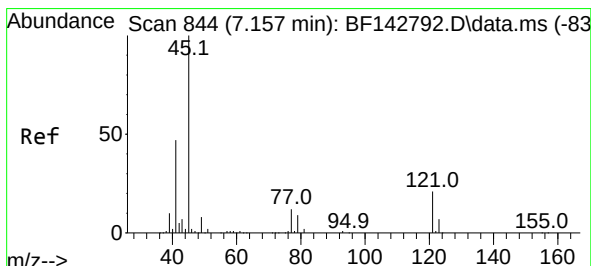
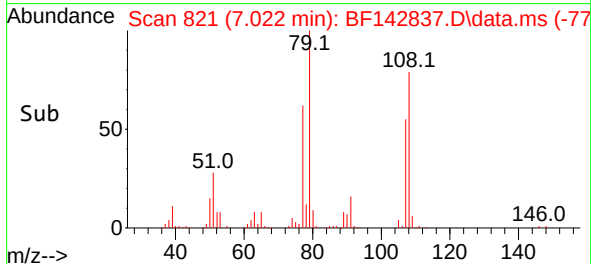
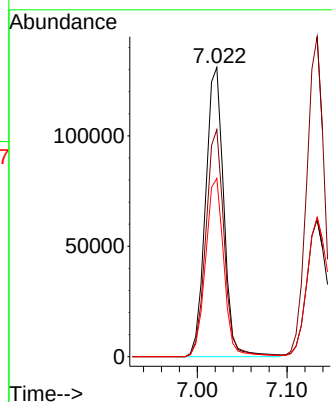
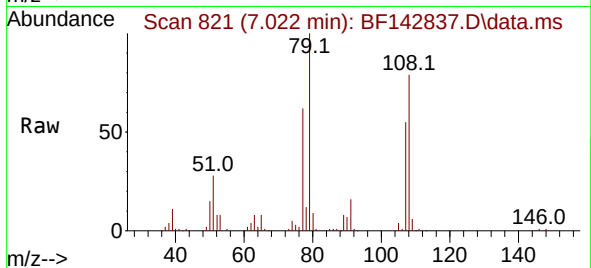




#15
Benzyl Alcohol
Concen: 42.968 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

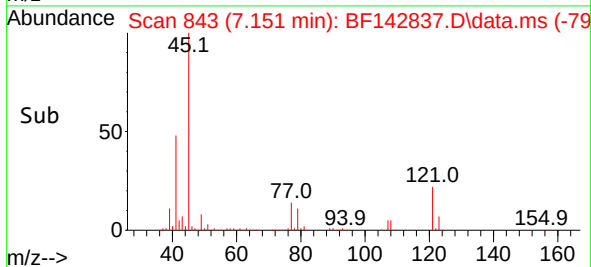
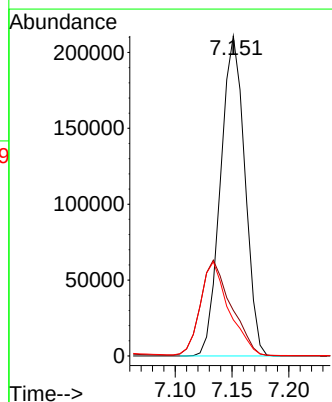
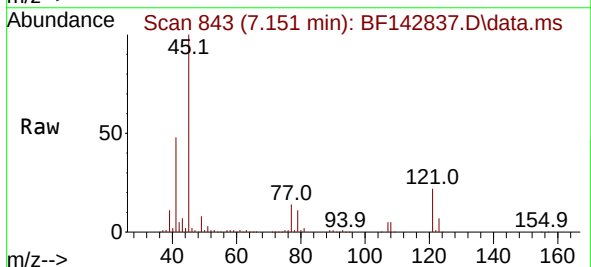
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

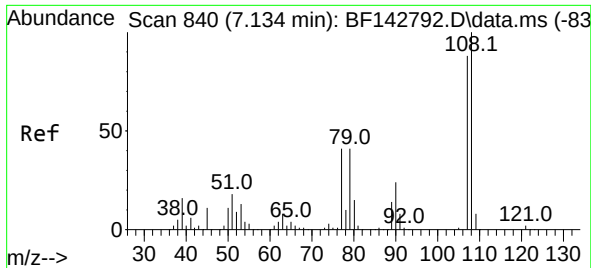
Tgt Ion: 79 Resp: 184691
Ion Ratio Lower Upper
79 100
108 78.5 63.4 95.0
77 61.6 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.283 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion: 45 Resp: 313301
Ion Ratio Lower Upper
45 100
77 14.3 0.0 32.8
79 11.3 0.0 29.8



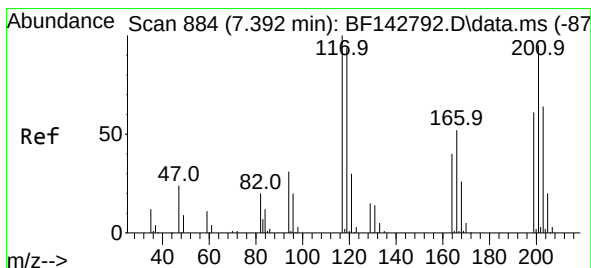
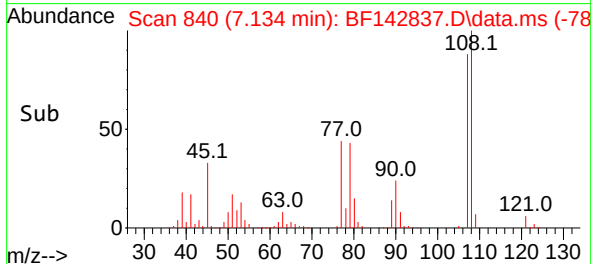
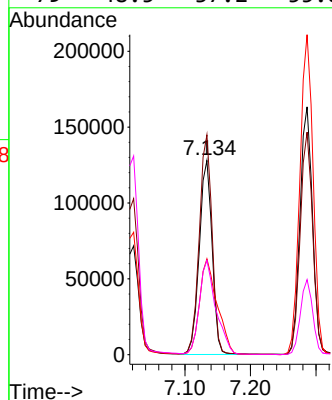
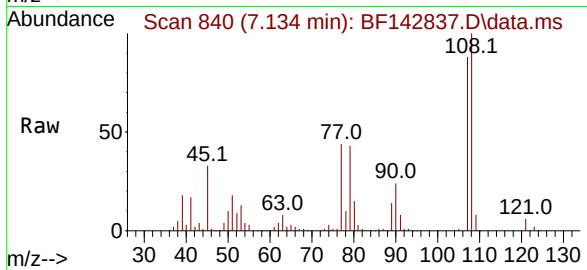


#17
2-Methylphenol
Concen: 42.562 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Tgt Ion:107 Resp: 175342

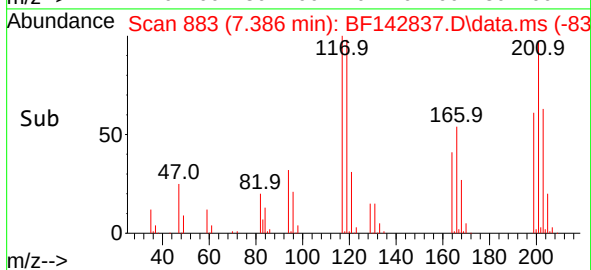
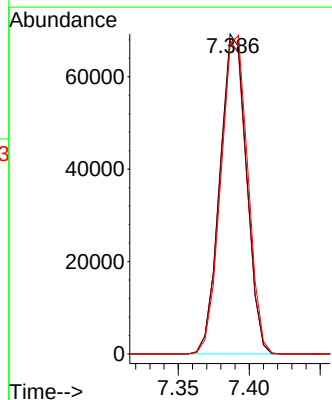
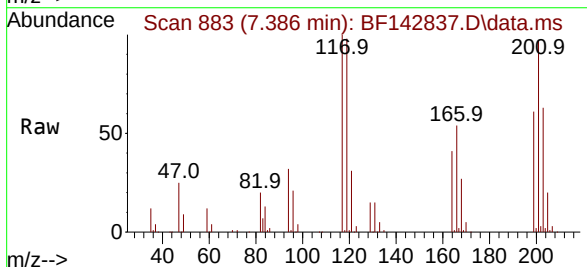
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.9	136.3
77	49.3	37.3	55.9
79	48.5	37.2	55.8

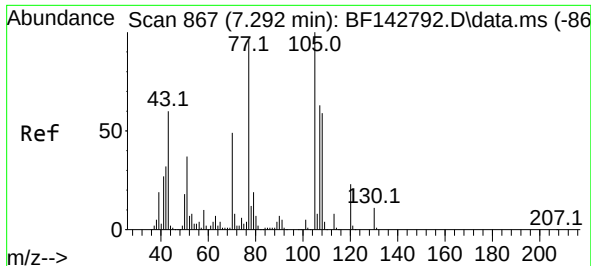


#18
Hexachloroethane
Concen: 42.164 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:117 Resp: 90464

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.4	113.0
201	97.0	75.9	113.9



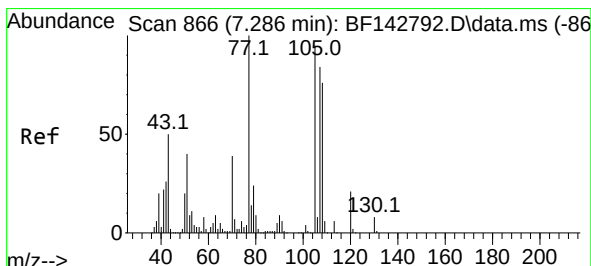
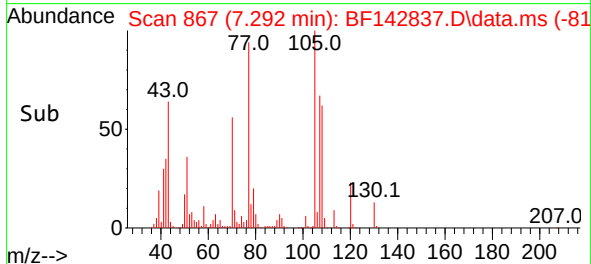
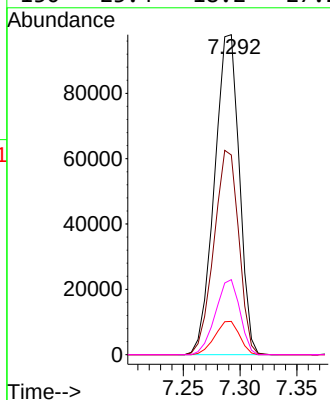
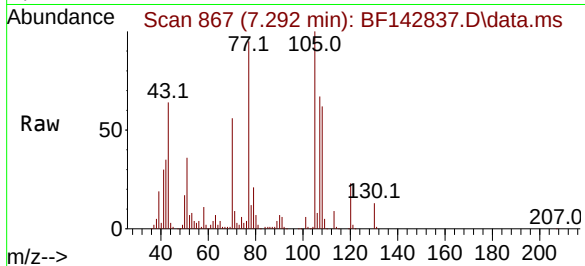


#19
n-Nitroso-di-n-propylamine
Concen: 43.087 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Tgt Ion: 70 Resp: 148995

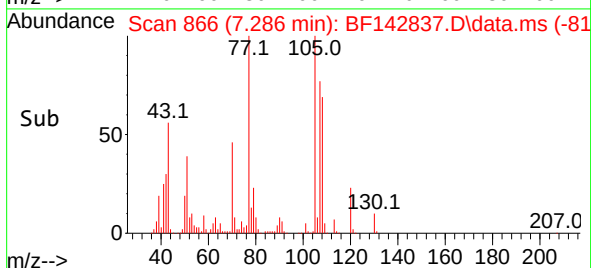
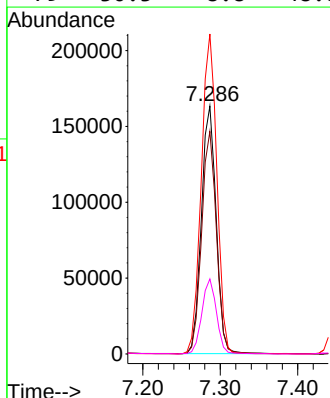
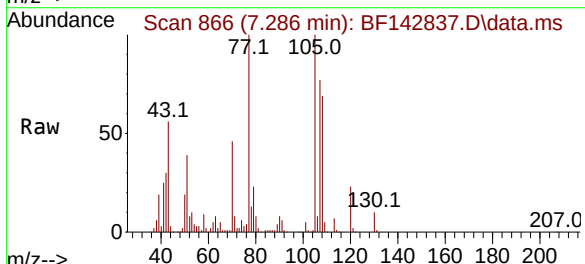
Ion	Ratio	Lower	Upper
70	100		
42	62.4	52.1	78.1
101	10.4	8.2	12.2
130	23.4	18.2	27.2

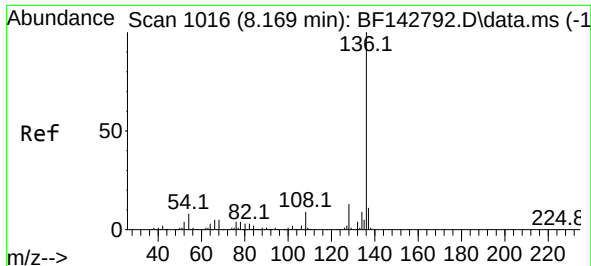


#20
3+4-Methylphenols
Concen: 42.019 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion: 107 Resp: 215831

Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.0	110.0
77	129.1	98.5	138.5
79	30.3	8.8	48.8



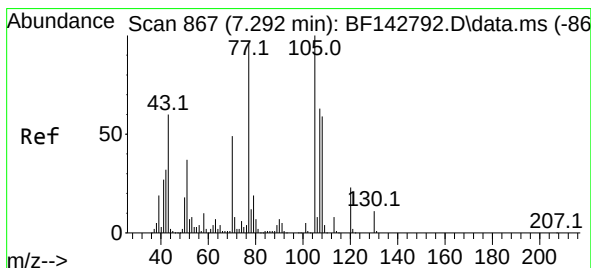
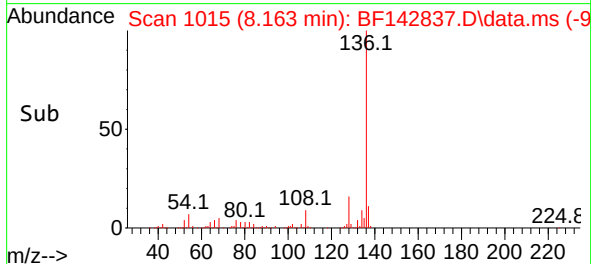
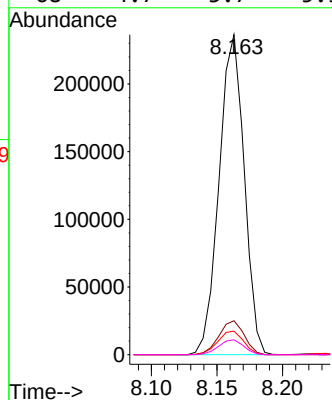
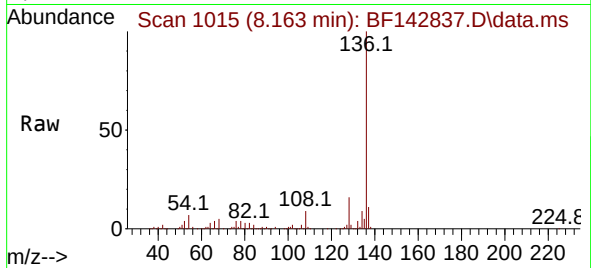


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Tgt Ion:136 Resp: 314873

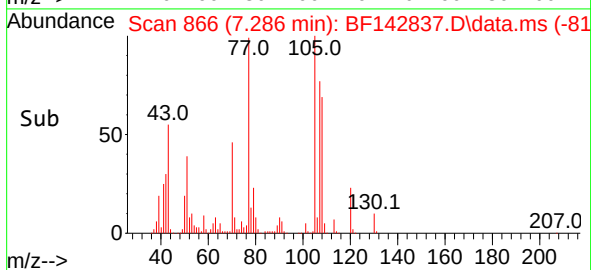
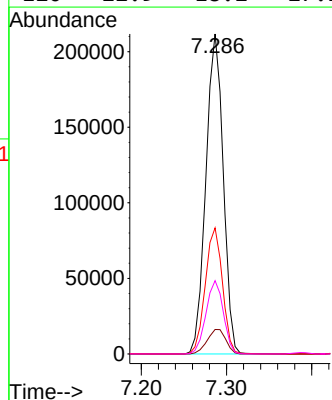
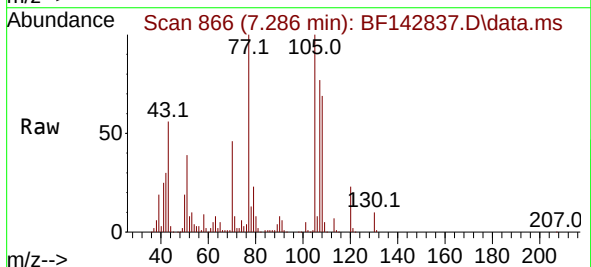
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.4	6.3	9.5
68	4.7	3.7	5.5

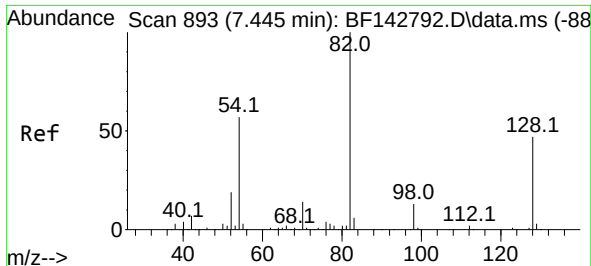


#22
Acetophenone
Concen: 43.132 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:105 Resp: 299487

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.5	9.7
51	39.4	29.8	44.8
120	22.9	18.2	27.2





#23

Nitrobenzene-d5

Concen: 73.581 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

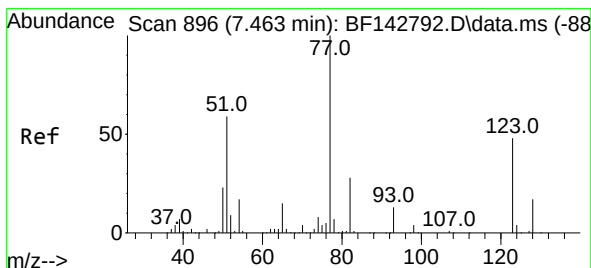
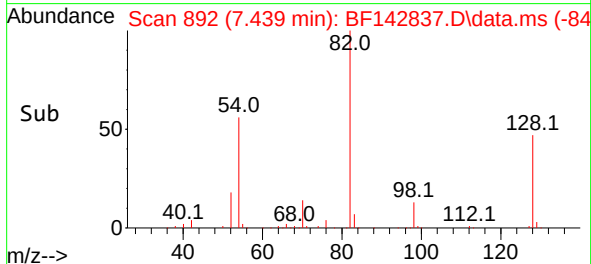
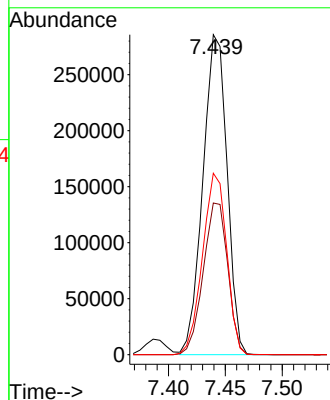
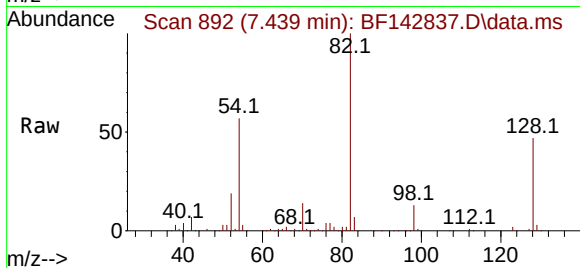
Tgt Ion: 82 Resp: 422392

Ion Ratio Lower Upper

82 100

128 47.4 37.7 56.5

54 56.7 45.7 68.5



#24

Nitrobenzene

Concen: 42.401 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

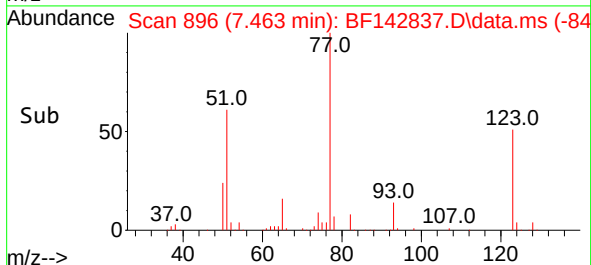
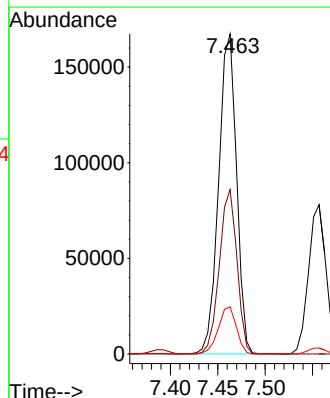
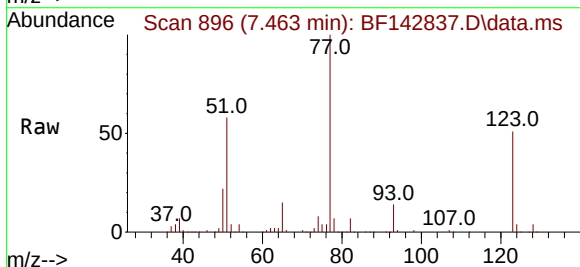
Tgt Ion: 77 Resp: 220303

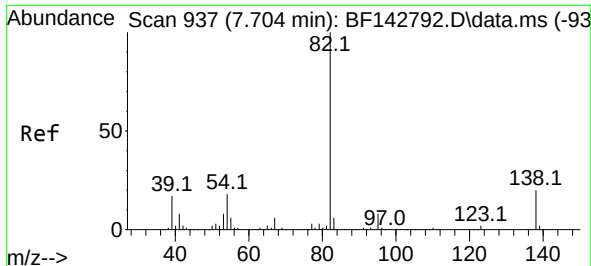
Ion Ratio Lower Upper

77 100

123 51.4 39.2 58.8

65 14.7 11.6 17.4

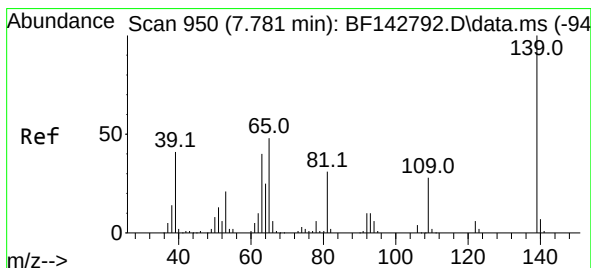
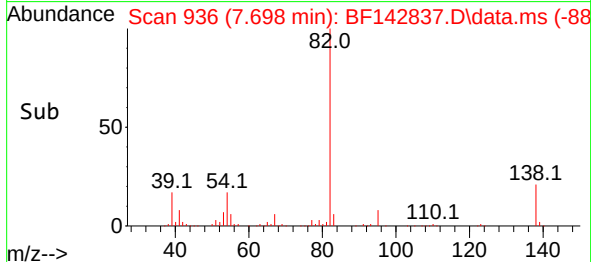
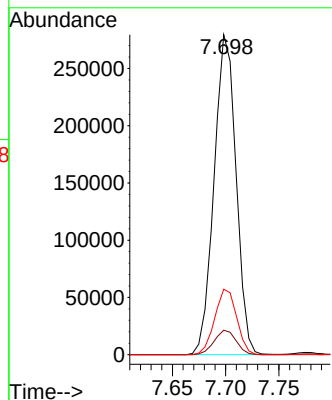
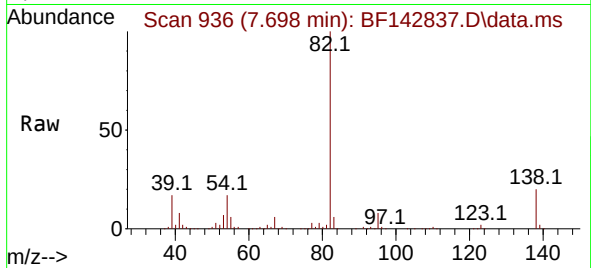




#25
Isophorone
Concen: 43.526 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

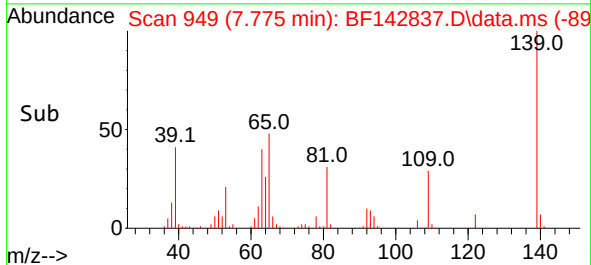
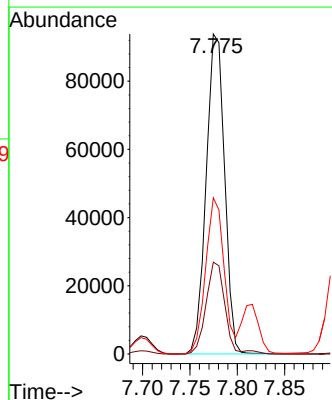
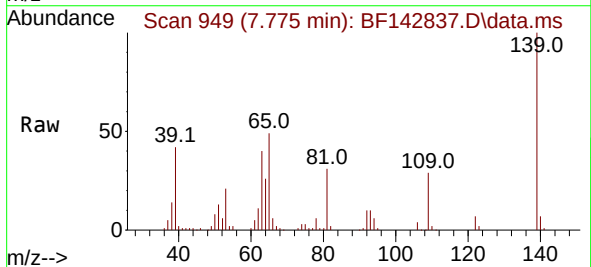
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

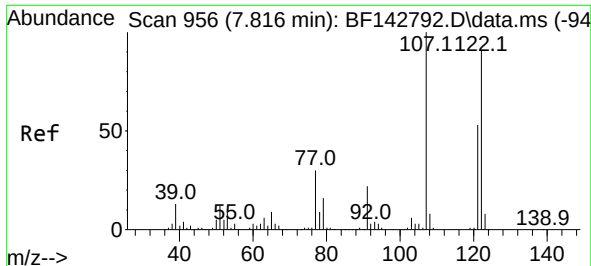
Tgt Ion: 82 Resp: 400821
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.4 16.2 24.4



#26
2-Nitrophenol
Concen: 44.931 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:139 Resp: 127170
Ion Ratio Lower Upper
139 100
109 28.7 22.7 34.1
65 48.8 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.323 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

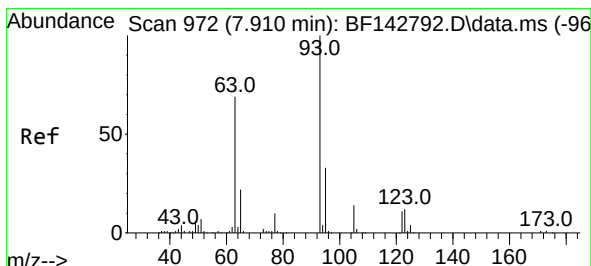
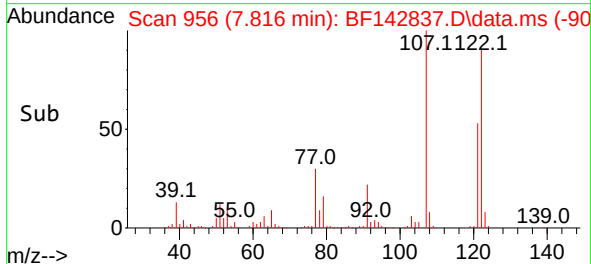
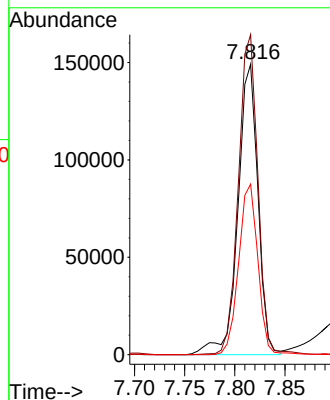
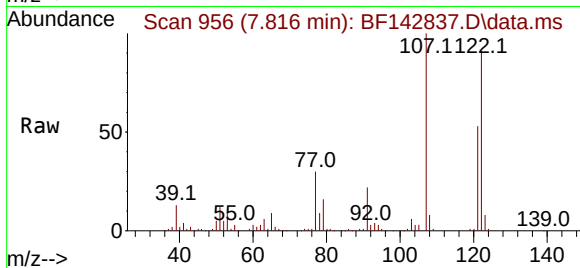
Tgt Ion:122 Resp: 207492

Ion Ratio Lower Upper

122 100

107 110.2 88.0 132.0

121 58.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.356 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

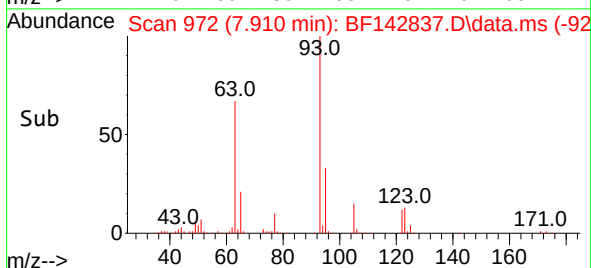
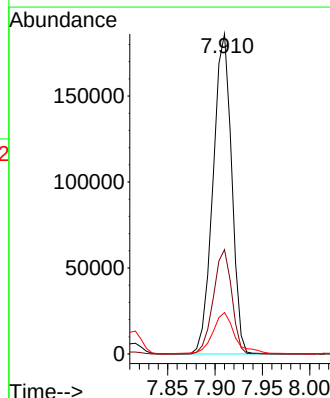
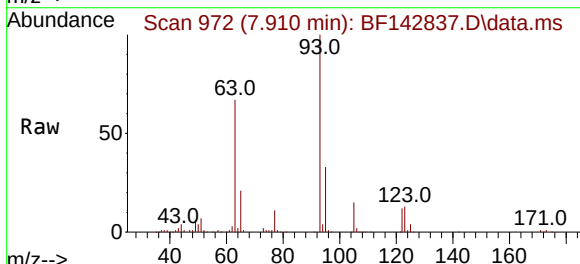
Tgt Ion: 93 Resp: 253828

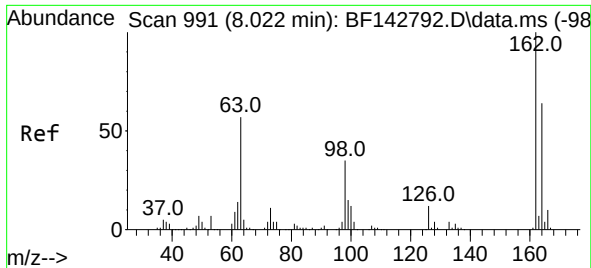
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 13.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.513 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

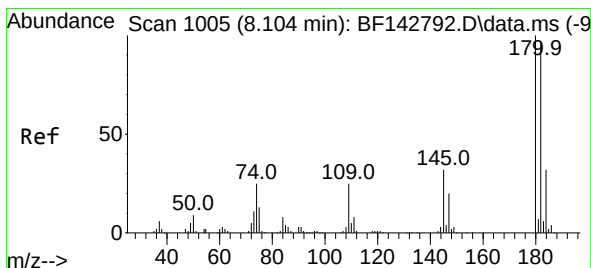
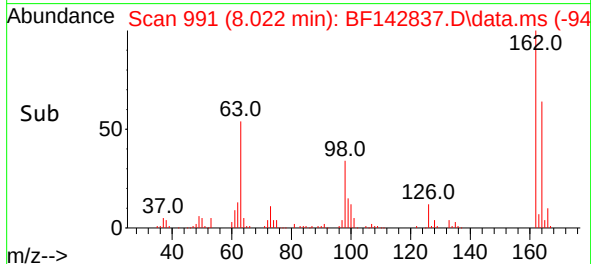
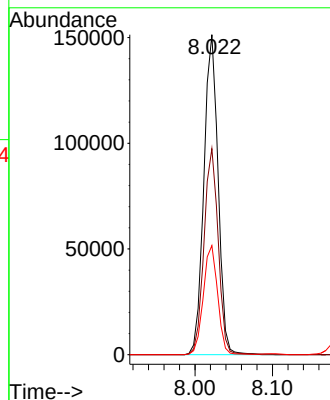
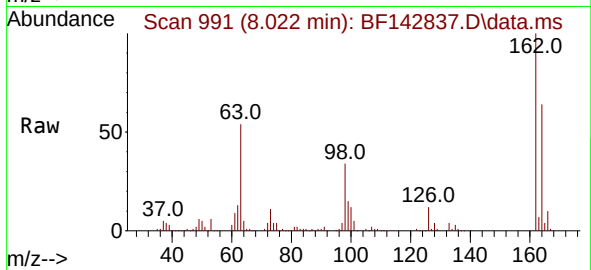
Tgt Ion:162 Resp: 193429

Ion Ratio Lower Upper

162 100

164 64.4 44.0 84.0

98 34.1 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.911 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

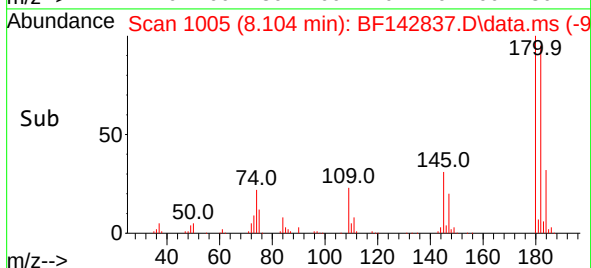
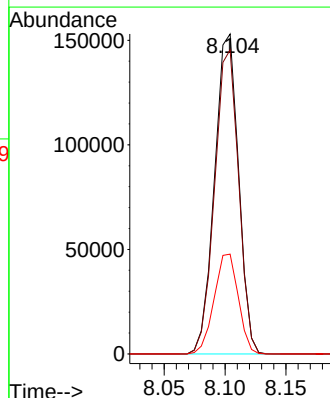
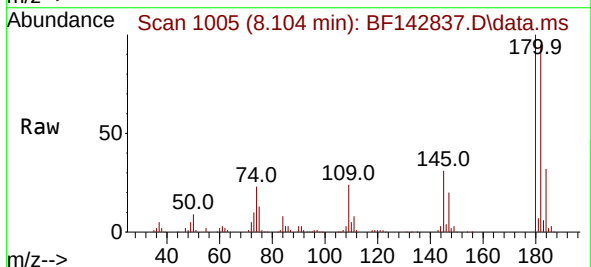
Tgt Ion:180 Resp: 209755

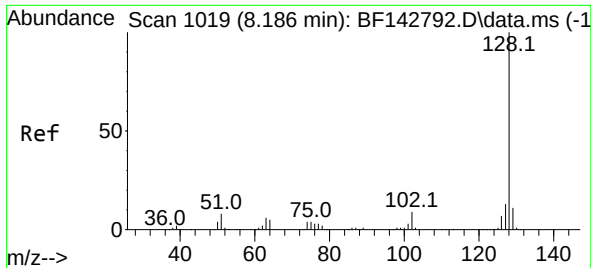
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 31.2 25.8 38.8

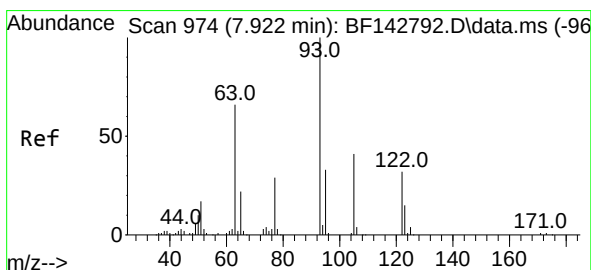
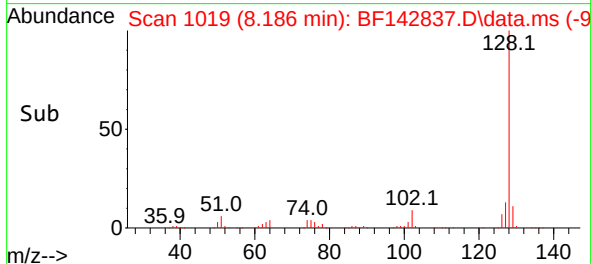
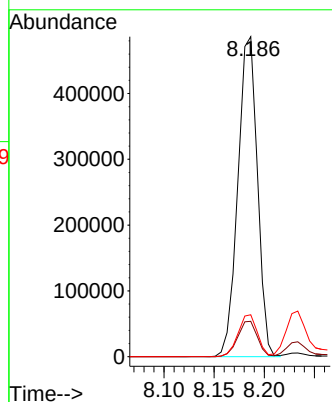
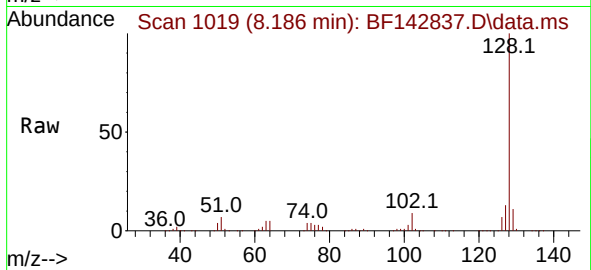




#31
Naphthalene
Concen: 42.829 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

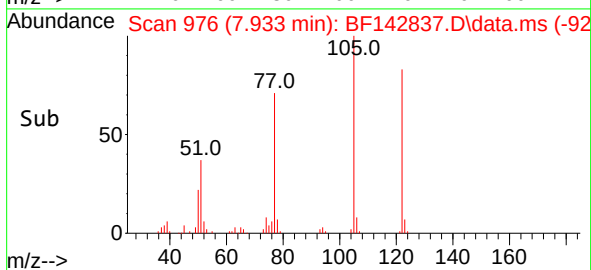
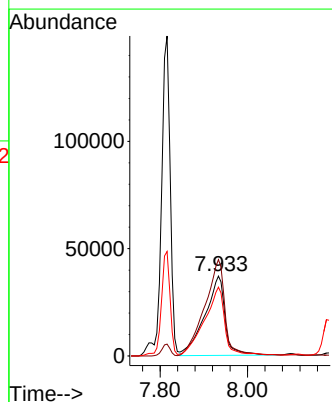
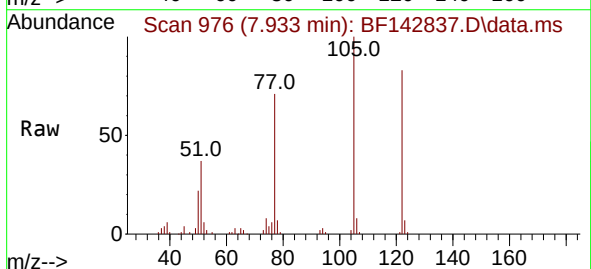
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

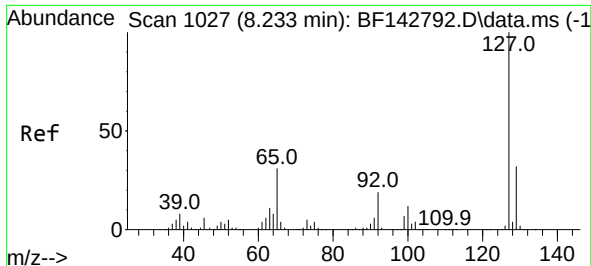
Tgt Ion:128 Resp: 660099
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 47.784 ng
RT: 7.933 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:122 Resp: 119403
Ion Ratio Lower Upper
122 100
105 120.7 104.7 144.7
77 86.3 70.2 110.2



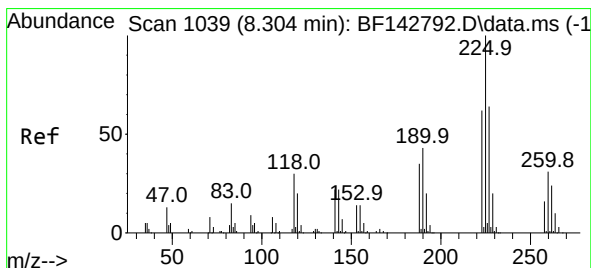
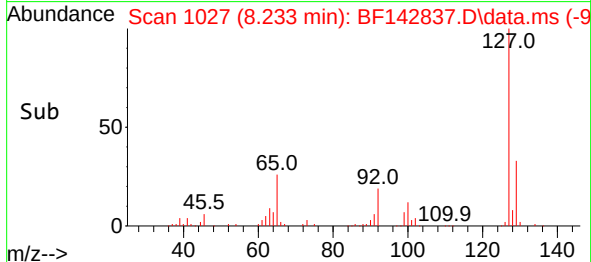
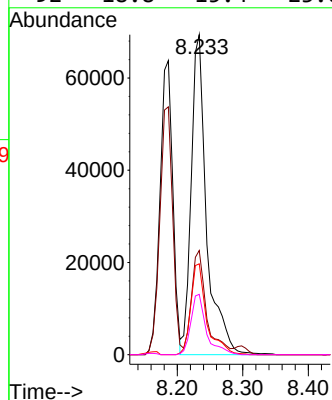
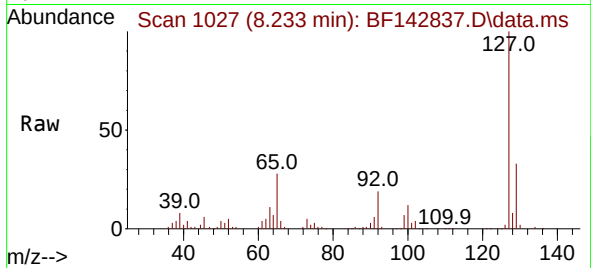


#33
4-Chloroaniline
Concen: 18.153 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Tgt Ion:127 Resp: 113762

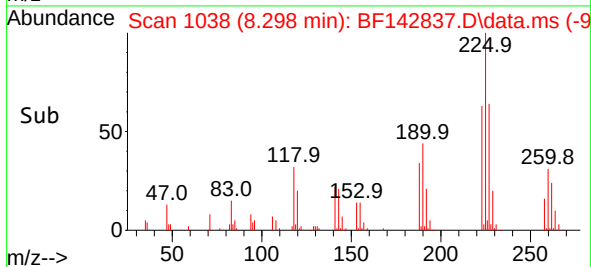
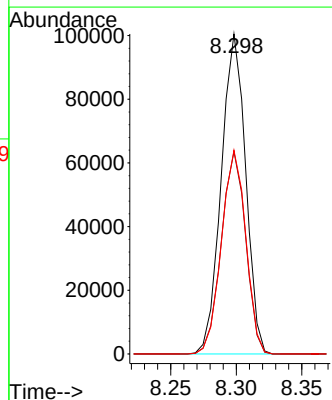
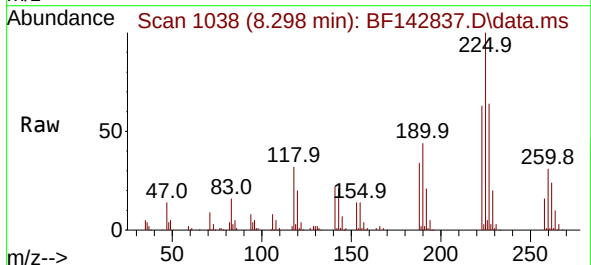
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	28.4	24.6	36.8
92	18.8	15.4	23.0

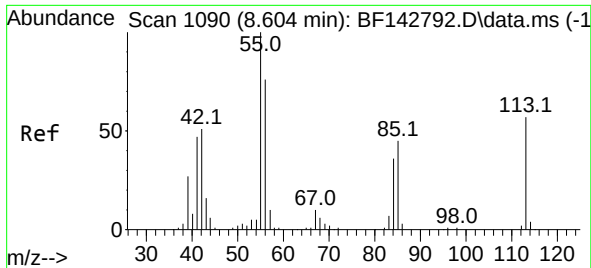


#34
Hexachlorobutadiene
Concen: 43.483 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:225 Resp: 130012

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.9	74.9
227	63.6	51.4	77.0

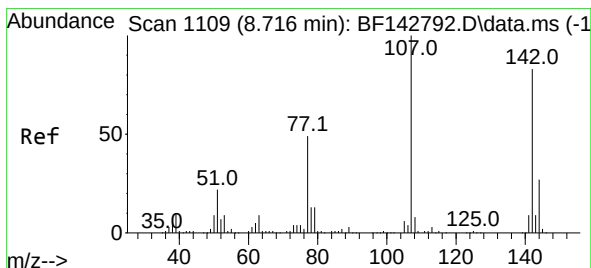
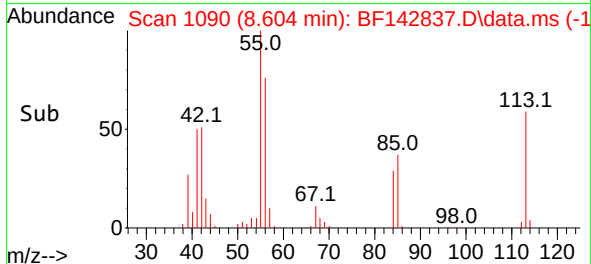
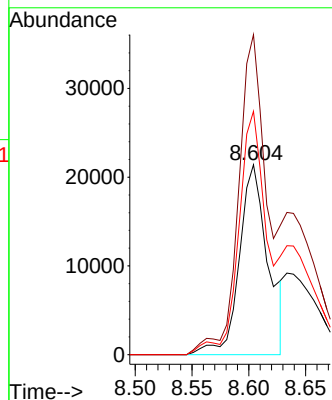
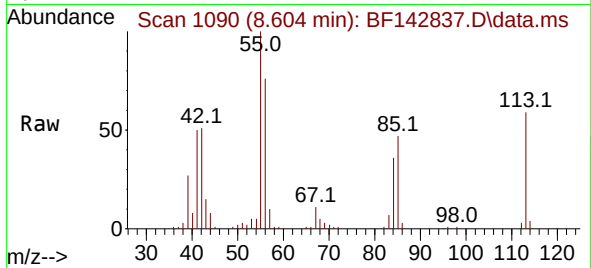




#35
 Caprolactam
 Concen: 31.919 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: BF142837.D
 Acq: 25 Jun 2025 14:55

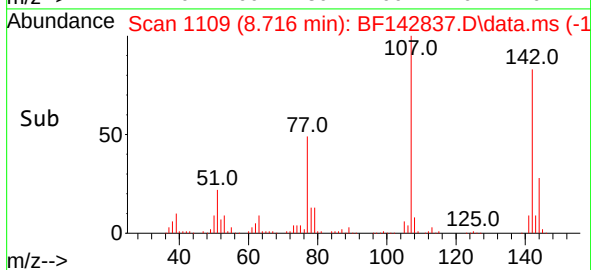
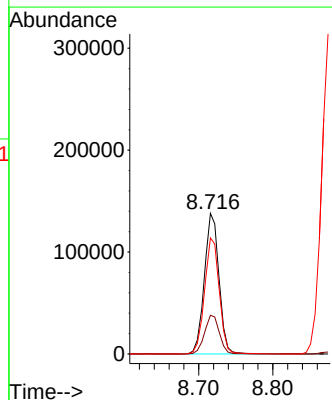
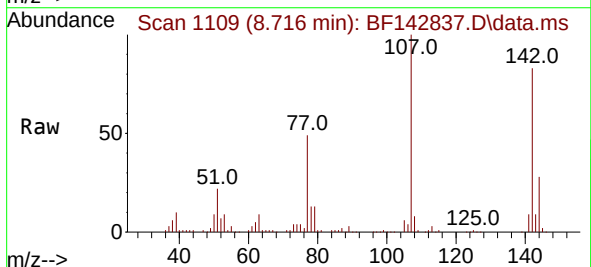
Instrument :
 BNA_F
 ClientSampleId :
 PB168592BSD

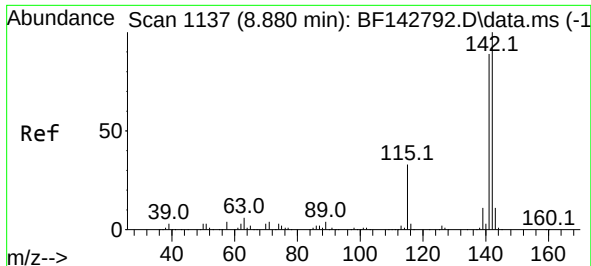
Tgt Ion:113 Resp: 37441
 Ion Ratio Lower Upper
 113 100
 55 168.4 154.4 194.4
 56 128.1 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.995 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142837.D
 Acq: 25 Jun 2025 14:55

Tgt Ion:107 Resp: 189948
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.3 31.9
 142 82.5 66.6 100.0





#37

2-Methylnaphthalene

Concen: 42.991 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

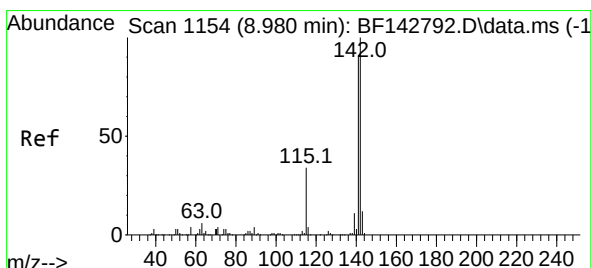
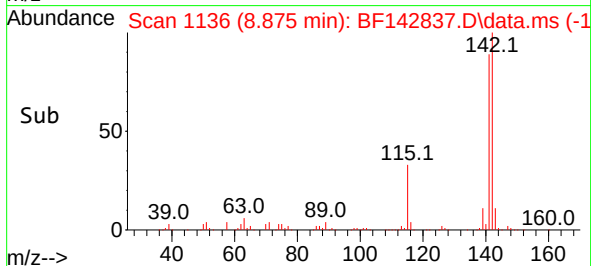
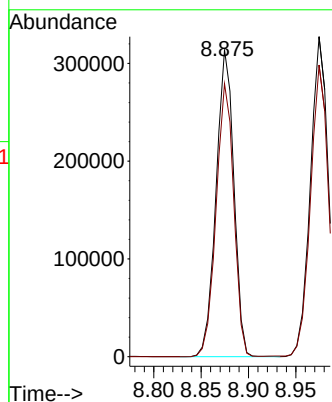
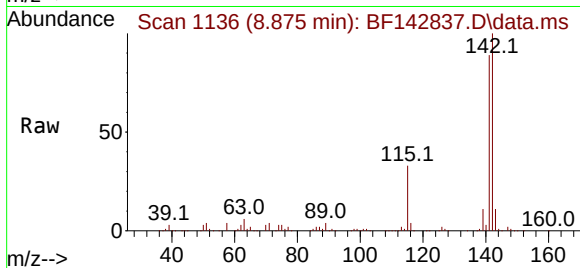
PB168592BSD

Tgt Ion:142 Resp: 410789

Ion Ratio Lower Upper

142 100

141 88.9 70.9 106.3



#38

1-Methylnaphthalene

Concen: 43.203 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142837.D

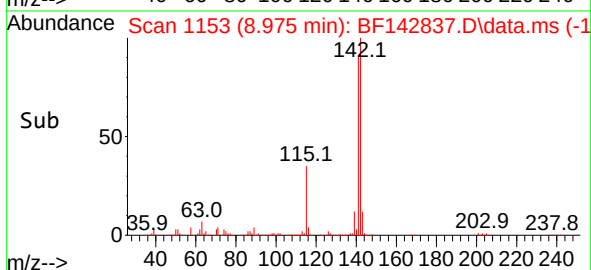
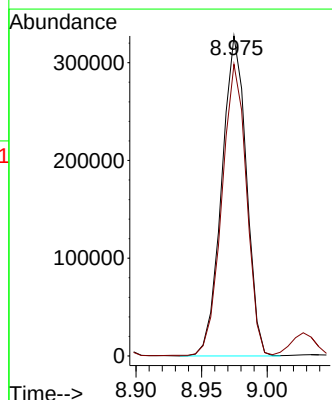
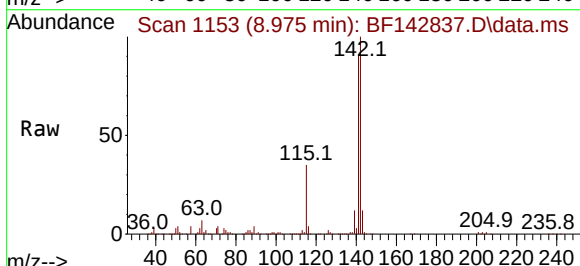
Acq: 25 Jun 2025 14:55

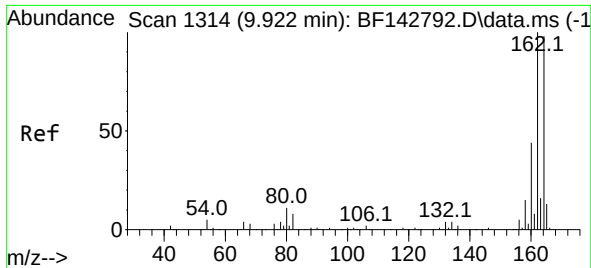
Tgt Ion:142 Resp: 427339

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.4

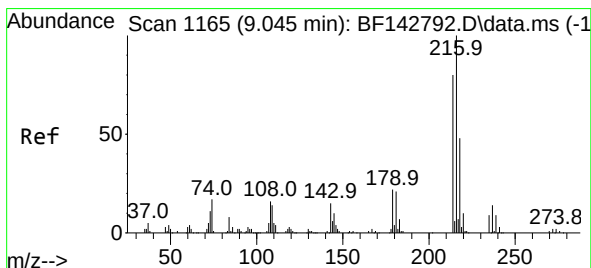
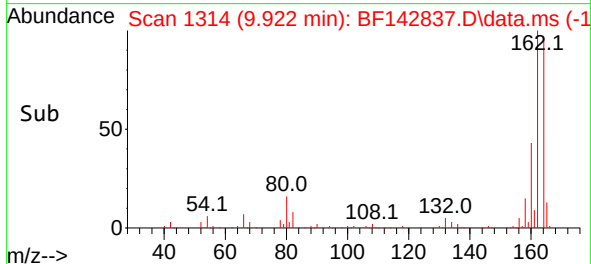
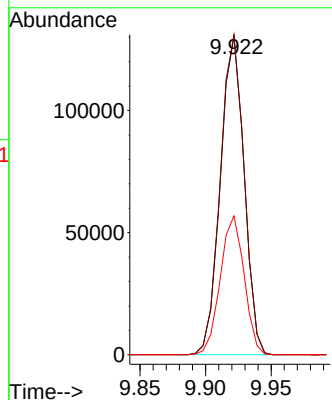
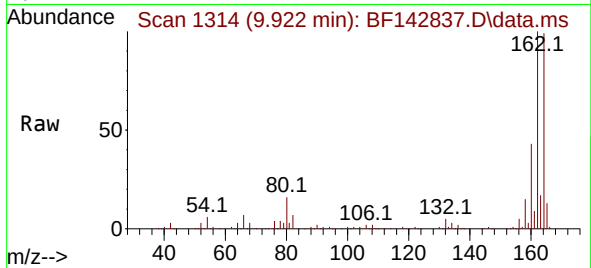




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

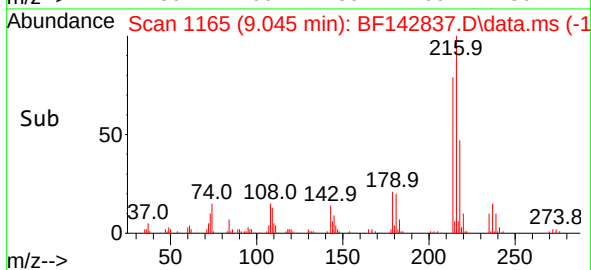
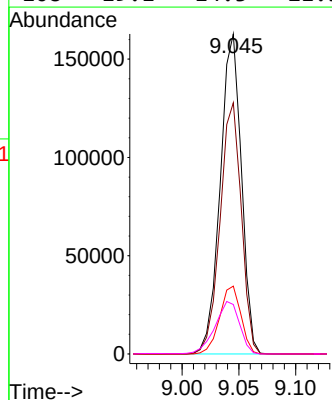
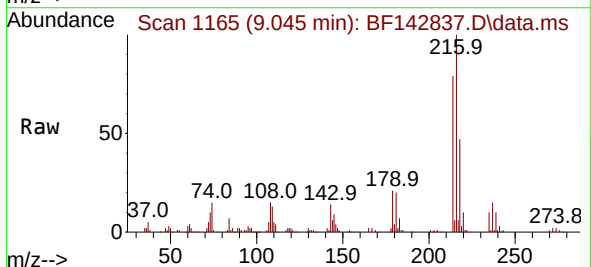
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

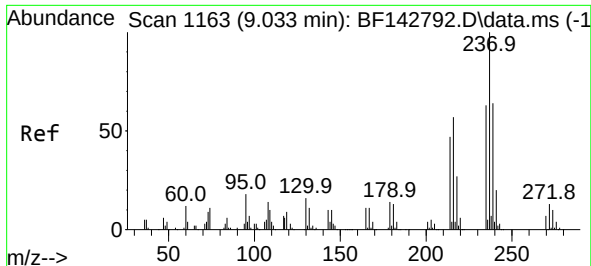
Tgt Ion:164 Resp: 163617
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.8
160 43.6 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.664 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:216 Resp: 210803
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 21.4 17.6 26.4
108 19.1 14.3 21.5

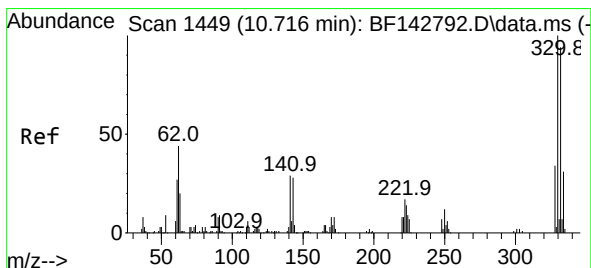
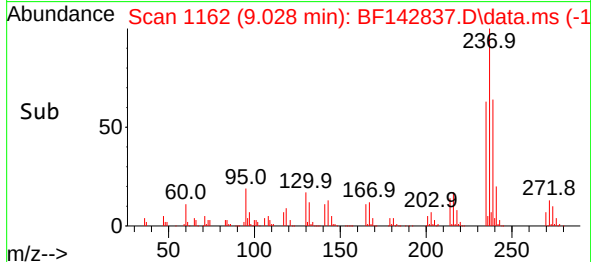
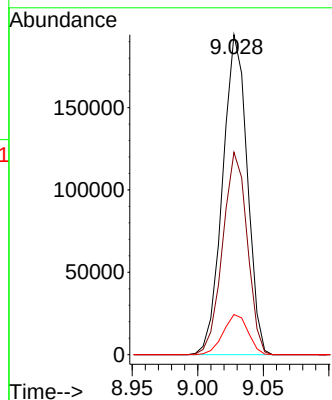
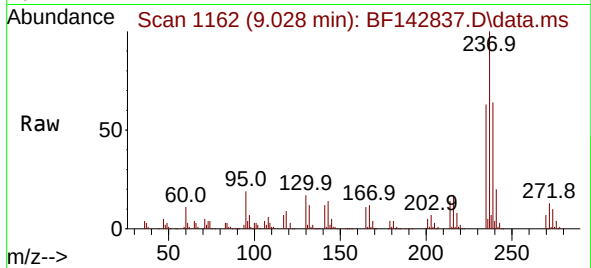




#41
Hexachlorocyclopentadiene
Concen: 92.441 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

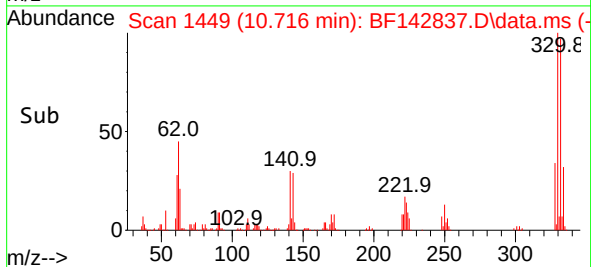
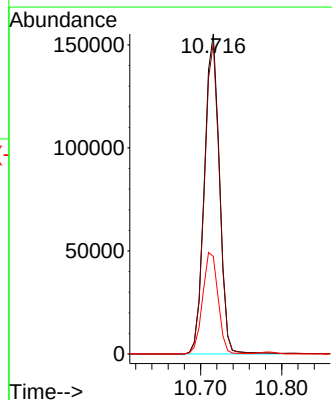
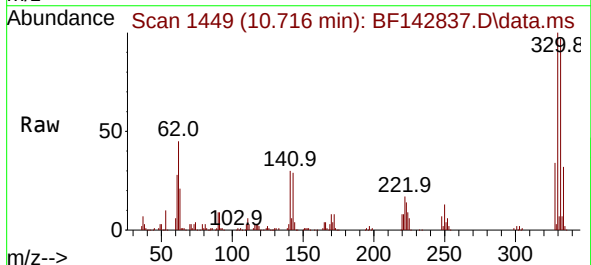
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

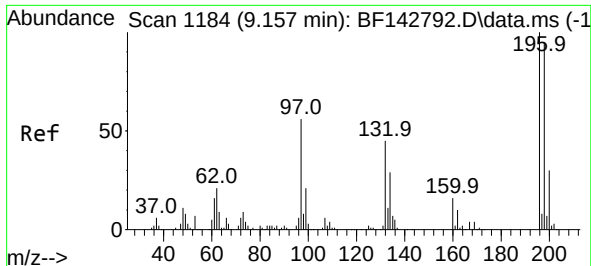
Tgt Ion:237 Resp: 253259
Ion Ratio Lower Upper
237 100
235 63.3 43.4 83.4
272 12.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 118.810 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:330 Resp: 200044
Ion Ratio Lower Upper
330 100
332 97.2 75.0 112.6
141 32.6 25.3 37.9

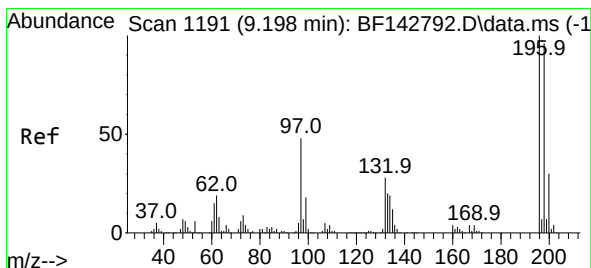
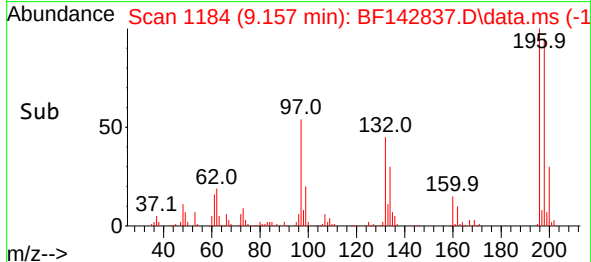
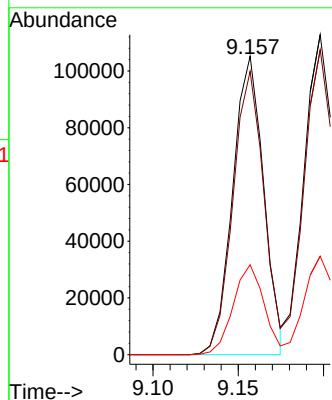
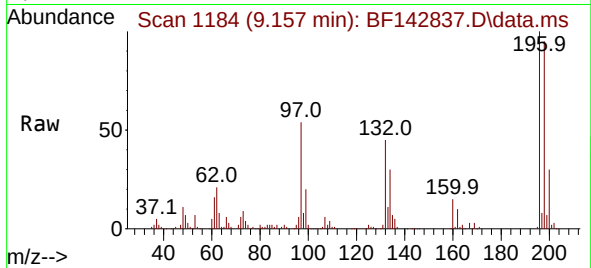




#43
2,4,6-Trichlorophenol
Concen: 42.382 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

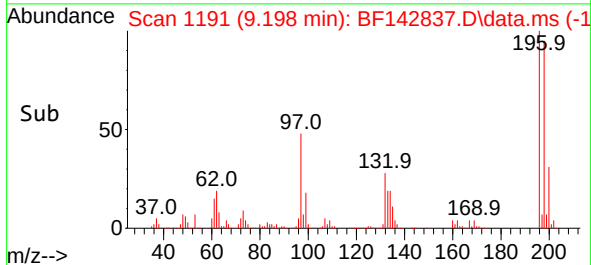
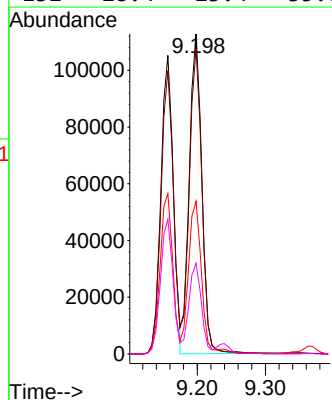
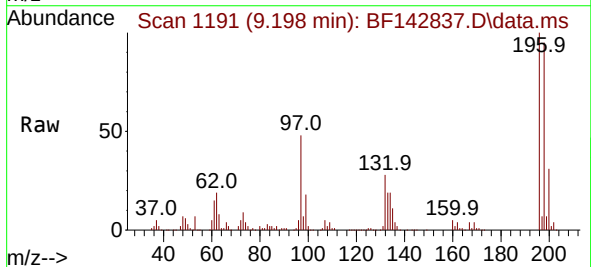
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

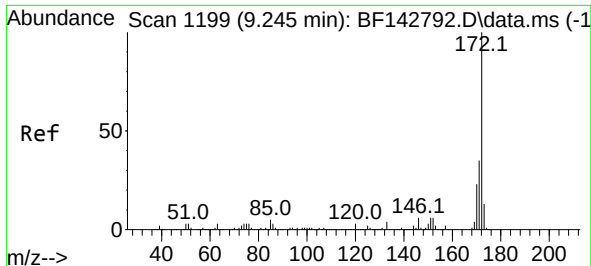
Tgt Ion:196 Resp: 133329
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.2
200 30.1 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 43.356 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:196 Resp: 143578
Ion Ratio Lower Upper
196 100
198 95.3 76.6 115.0
97 47.8 38.2 57.2
132 28.4 23.4 35.0

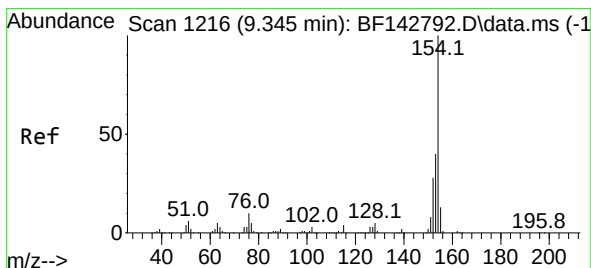
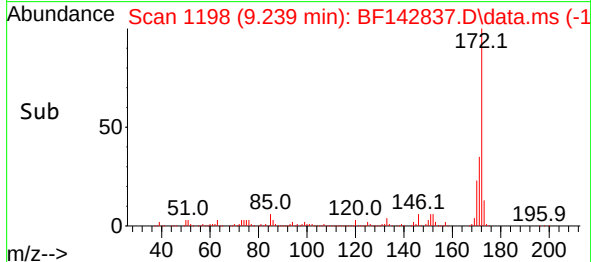
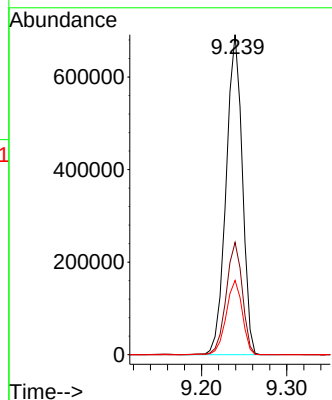
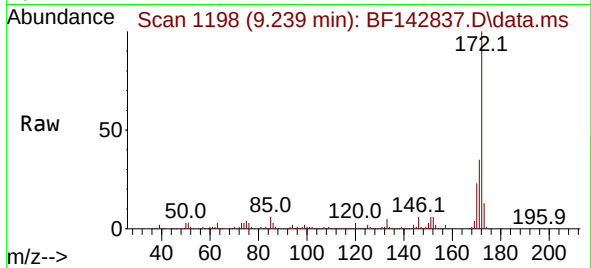




#45
2-Fluorobiphenyl
Concen: 73.304 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

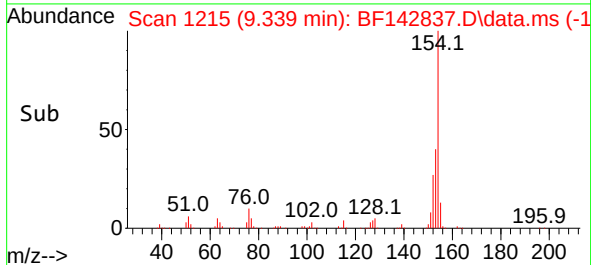
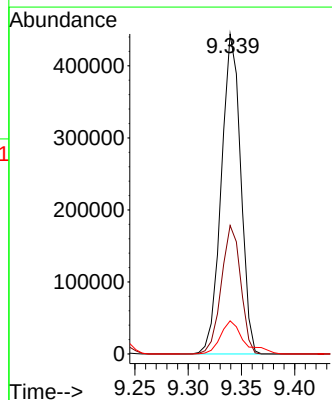
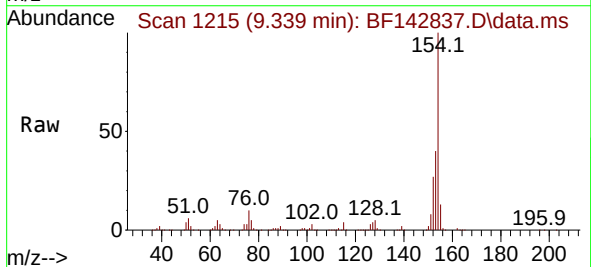
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

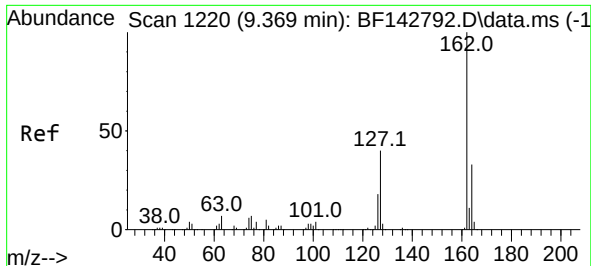
Tgt Ion:172 Resp: 913001
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 43.391 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:154 Resp: 560823
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 10.4 0.0 30.3





#47

2-Chloronaphthalene

Concen: 42.472 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

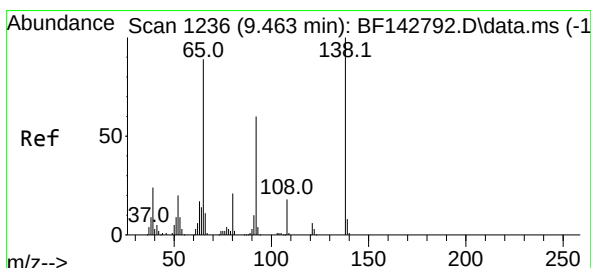
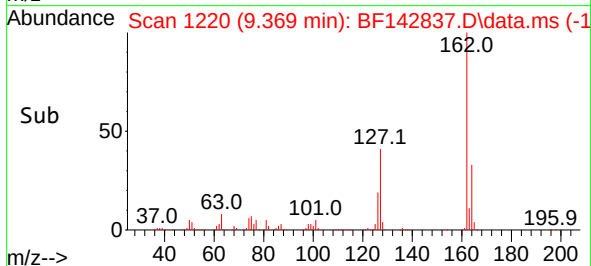
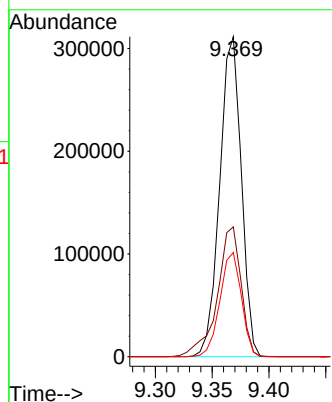
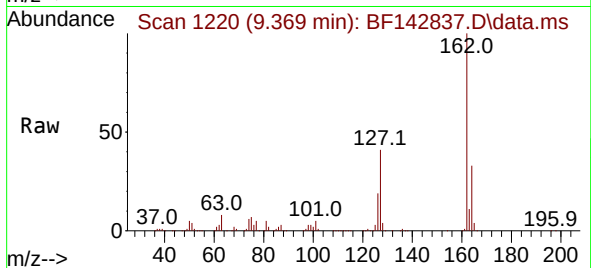
Tgt Ion:162 Resp: 411944

Ion Ratio Lower Upper

162 100

127 40.6 32.2 48.2

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 43.258 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

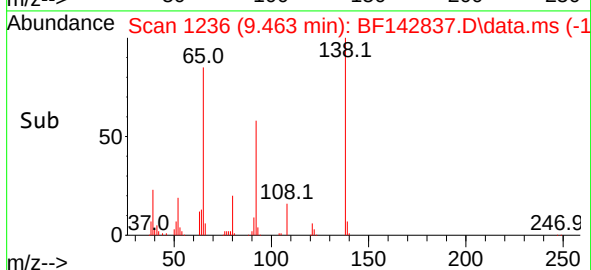
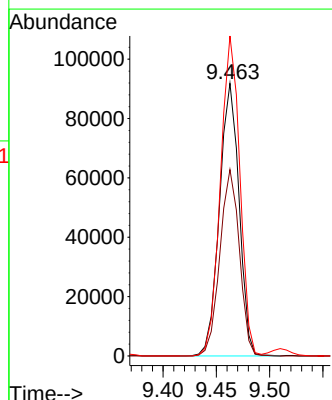
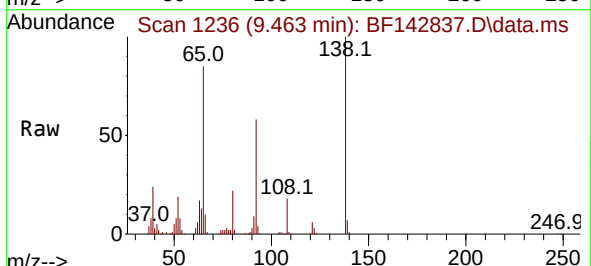
Tgt Ion: 65 Resp: 117627

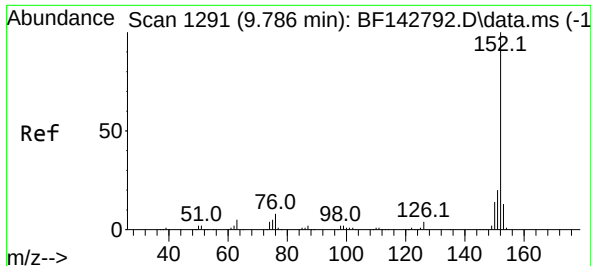
Ion Ratio Lower Upper

65 100

92 68.4 53.8 80.6

138 117.4 89.6 134.4

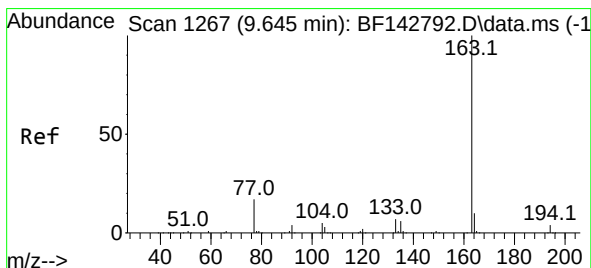
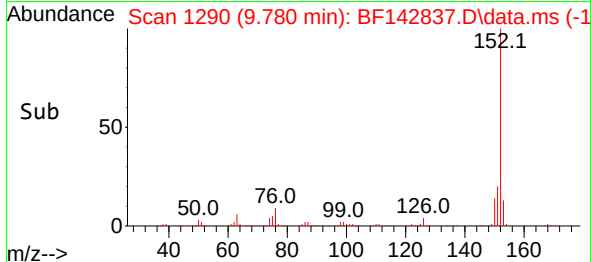
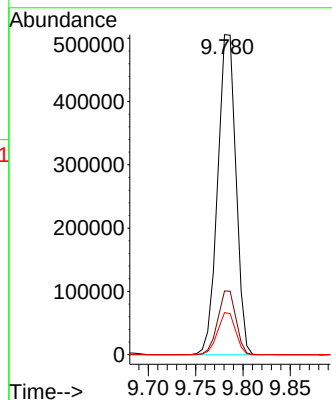
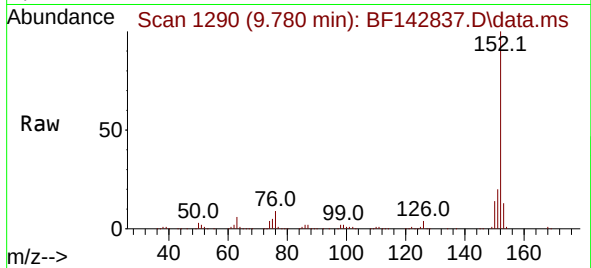




#49
Acenaphthylene
Concen: 42.563 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

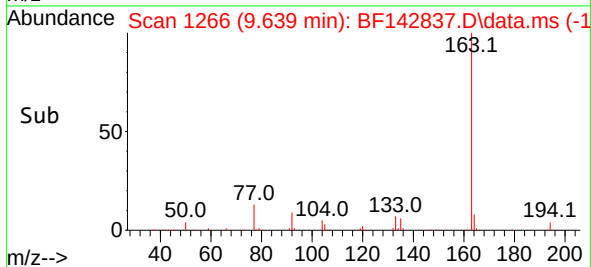
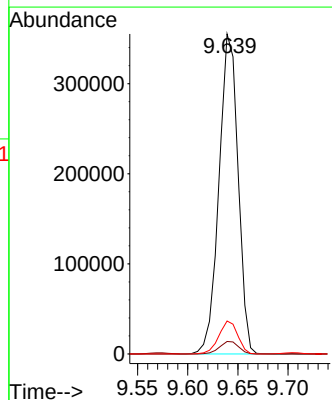
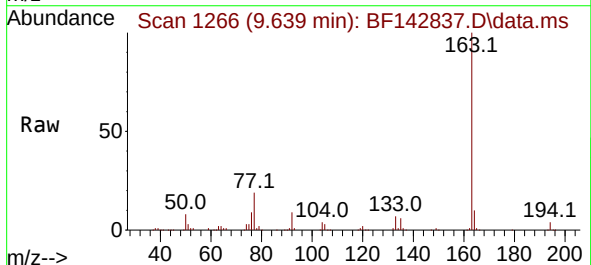
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

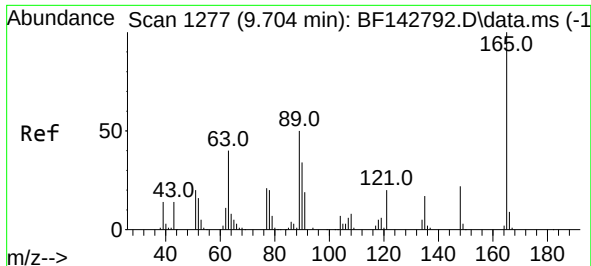
Tgt Ion:152 Resp: 679599
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 44.348 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:163 Resp: 469688
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.0 12.0

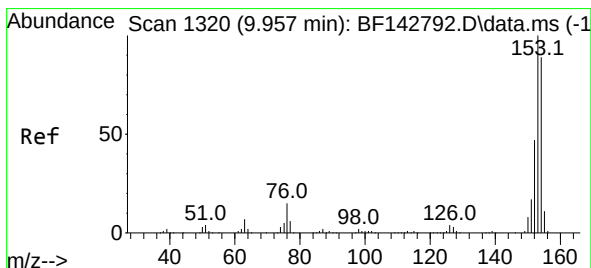
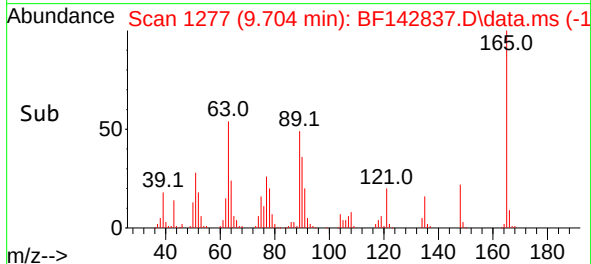
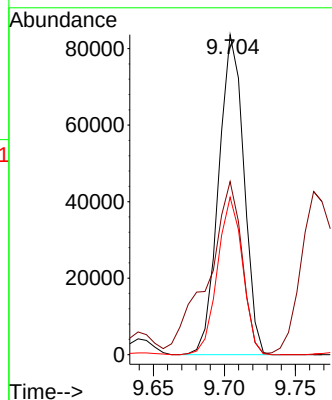
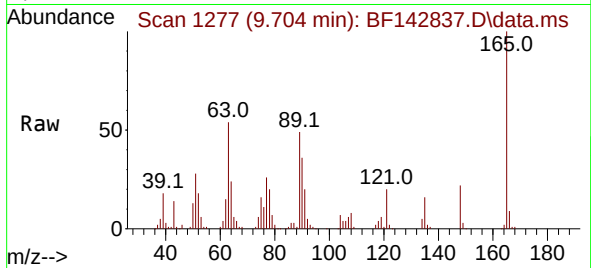




#51
2,6-Dinitrotoluene
Concen: 44.433 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

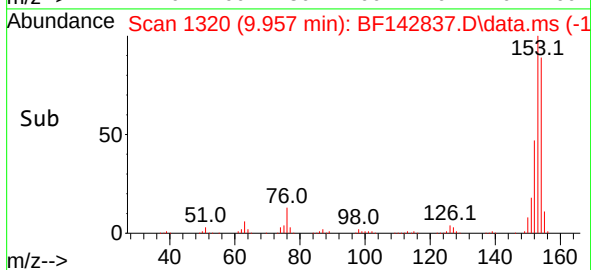
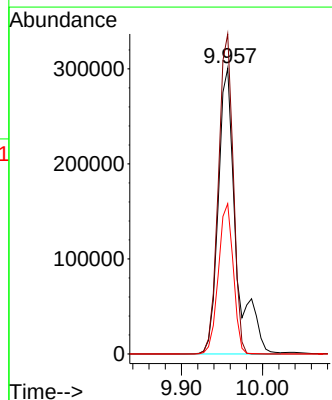
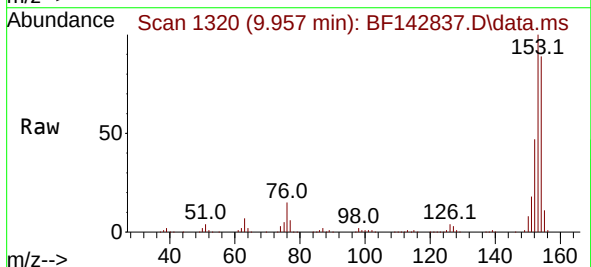
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

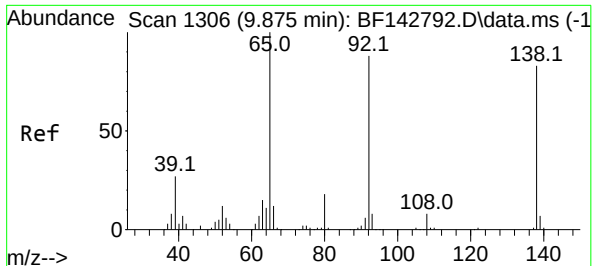
Tgt Ion:165 Resp: 103346
Ion Ratio Lower Upper
165 100
63 54.1 44.2 66.4
89 49.2 39.8 59.8



#52
Acenaphthene
Concen: 47.098 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:154 Resp: 458819
Ion Ratio Lower Upper
154 100
153 112.0 90.0 135.0
152 52.6 41.9 62.9

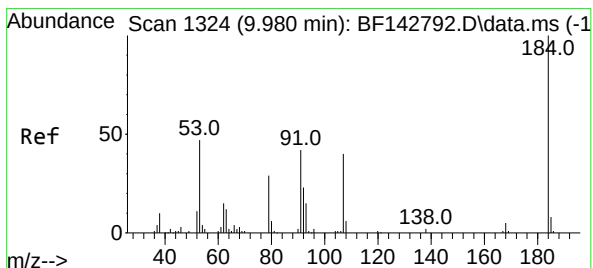
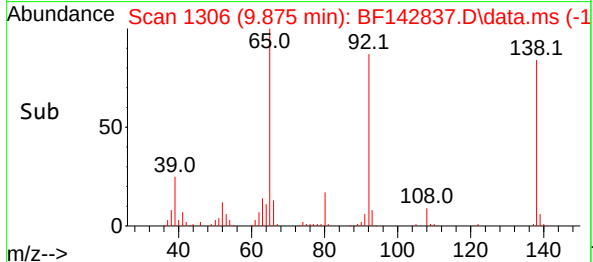
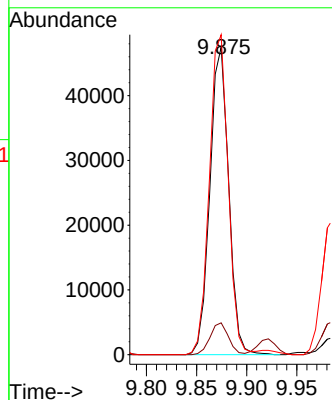
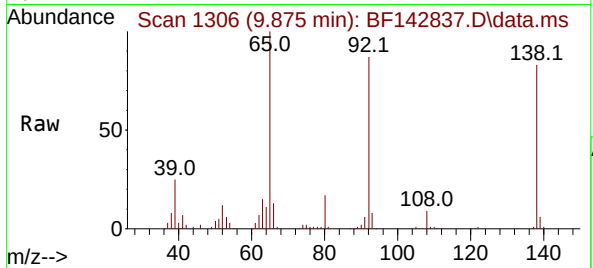




#53
3-Nitroaniline
Concen: 24.211 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

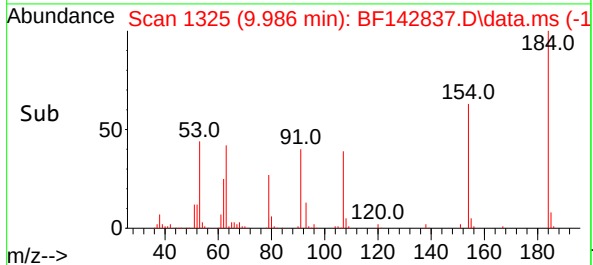
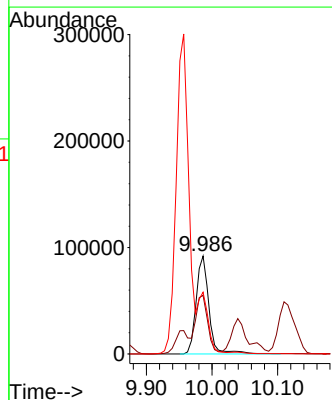
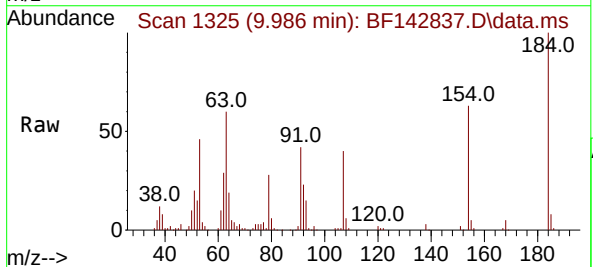
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

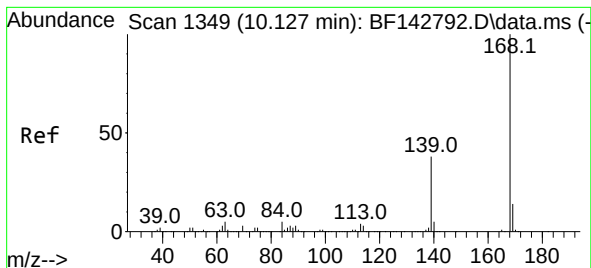
Tgt Ion:138 Resp: 62001
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 104.1 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 107.193 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:184 Resp: 124838
Ion Ratio Lower Upper
184 100
63 59.8 50.6 75.8
154 63.1 51.8 77.8

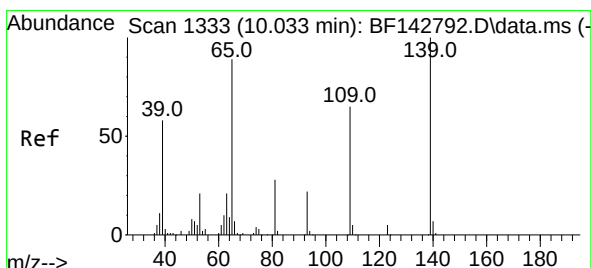
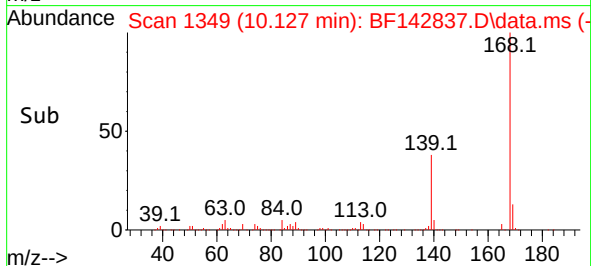
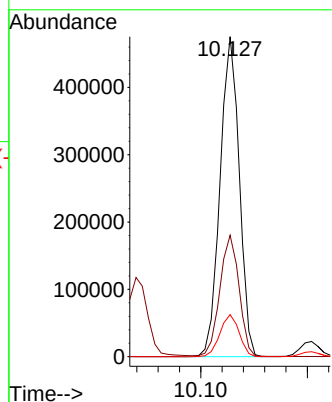
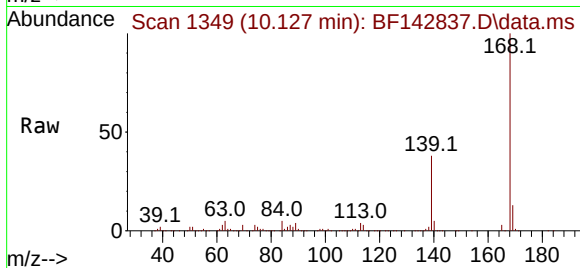




#55
Dibenzofuran
Concen: 42.471 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

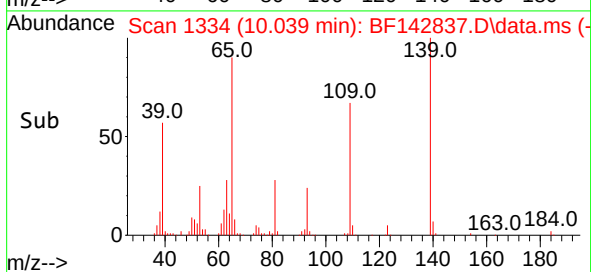
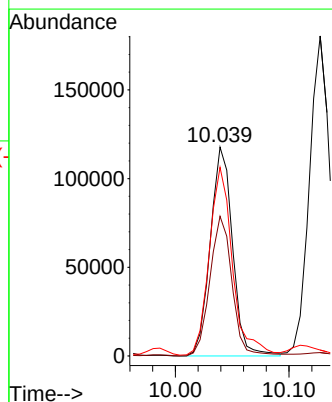
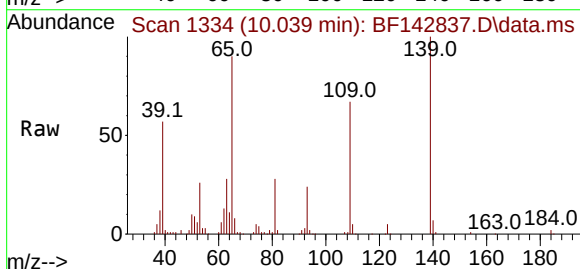
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

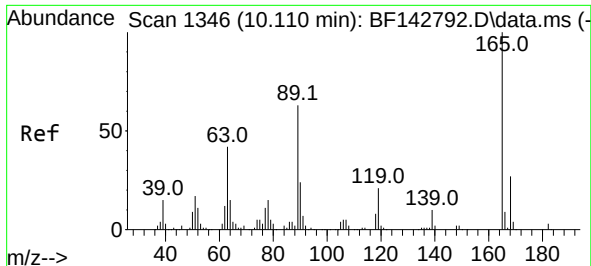
Tgt Ion:168 Resp: 593301
Ion Ratio Lower Upper
168 100
139 38.0 30.2 45.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 91.637 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:139 Resp: 160652
Ion Ratio Lower Upper
139 100
109 66.9 44.7 84.7
65 90.3 69.8 109.8

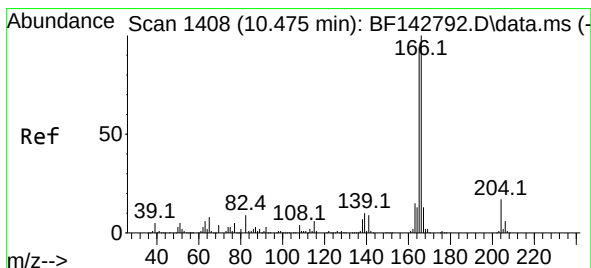
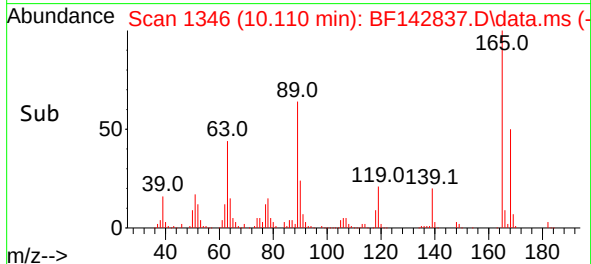
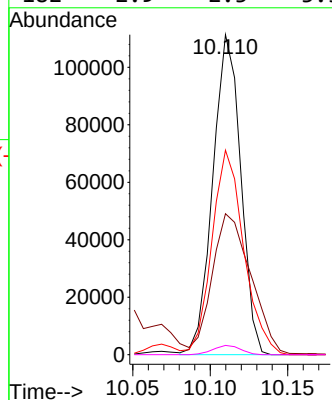
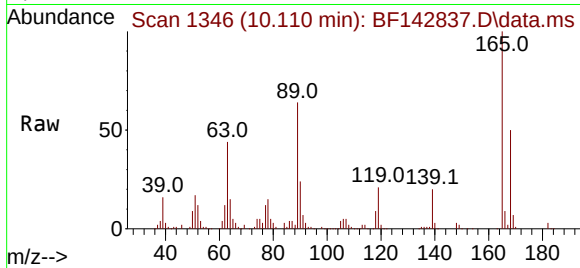




#57
2,4-Dinitrotoluene
Concen: 45.092 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

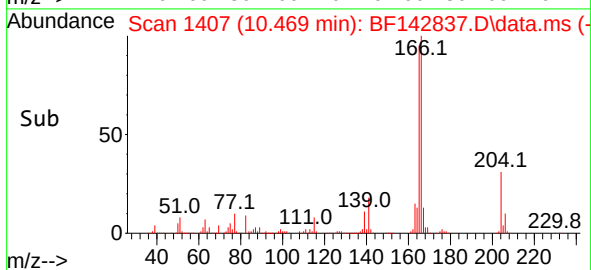
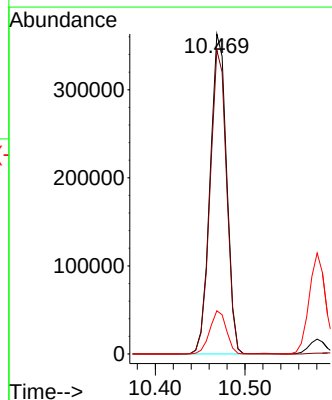
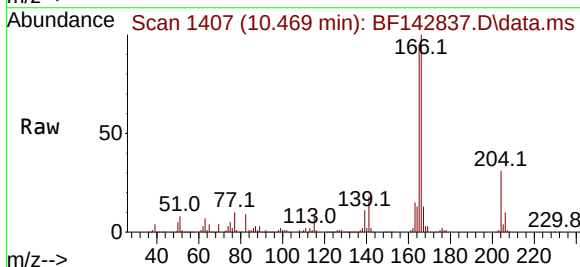
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

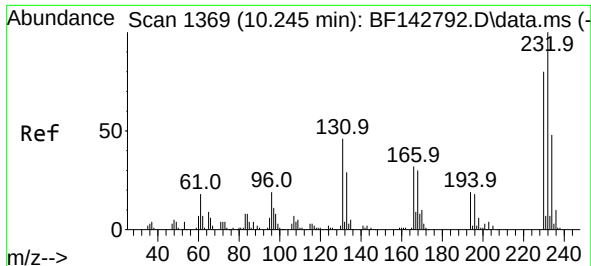
Tgt Ion:165 Resp: 139310
Ion Ratio Lower Upper
165 100
63 44.1 33.9 50.9
89 63.9 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 42.569 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:166 Resp: 464422
Ion Ratio Lower Upper
166 100
165 94.9 75.2 112.8
167 13.5 10.6 15.8

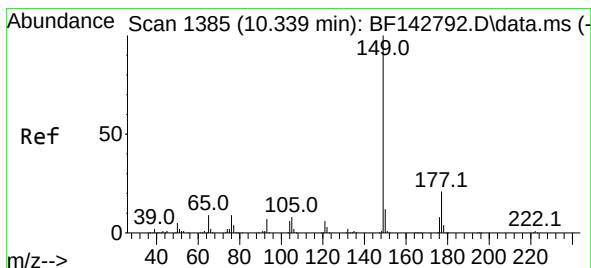
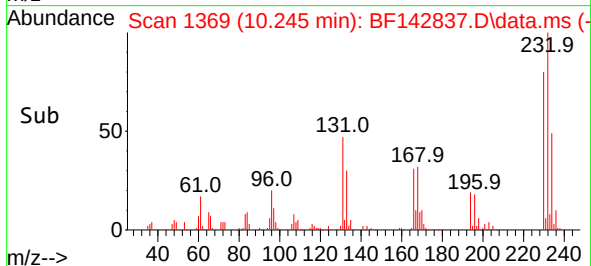
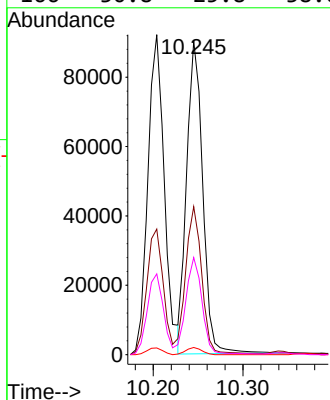
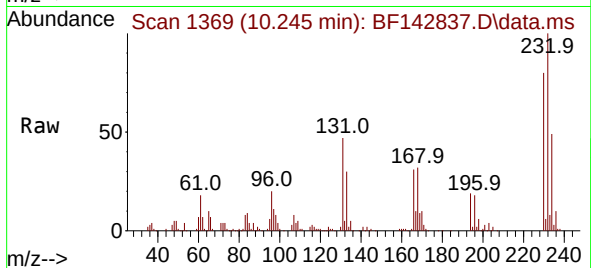




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.135 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

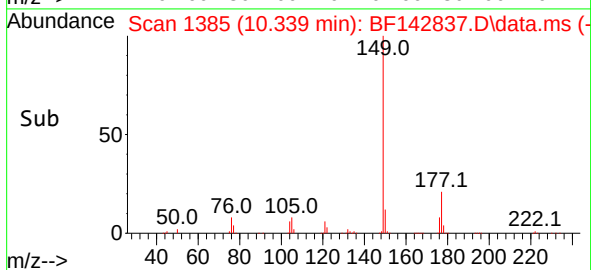
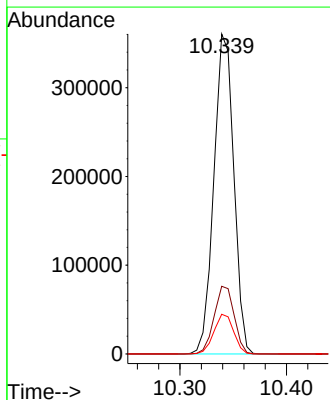
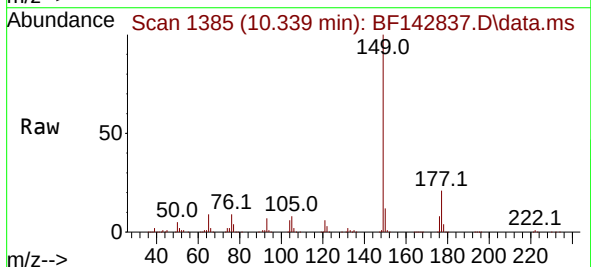
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

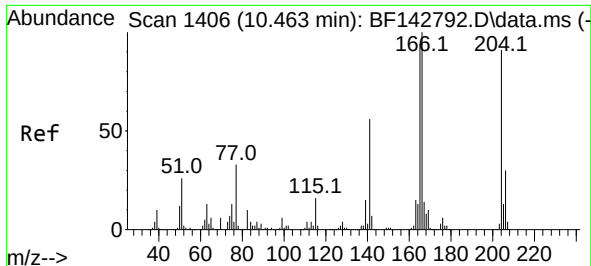
Tgt Ion:232 Resp: 112475
Ion Ratio Lower Upper
232 100
131 48.0 37.6 56.4
130 2.3 1.7 2.5
166 30.8 25.8 38.6



#60
Diethylphthalate
Concen: 45.030 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:149 Resp: 467604
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.4 9.8 14.6

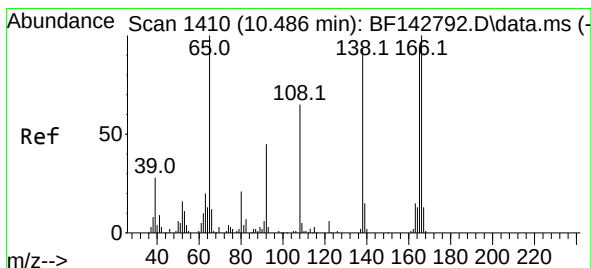
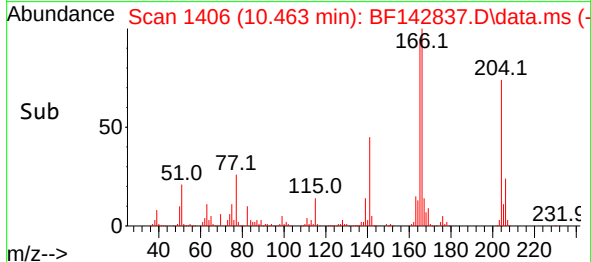
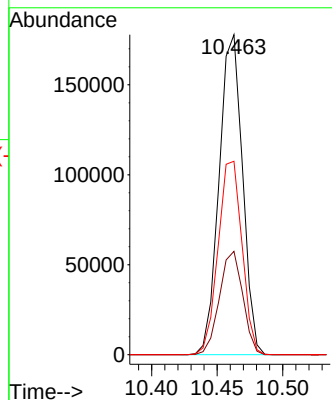
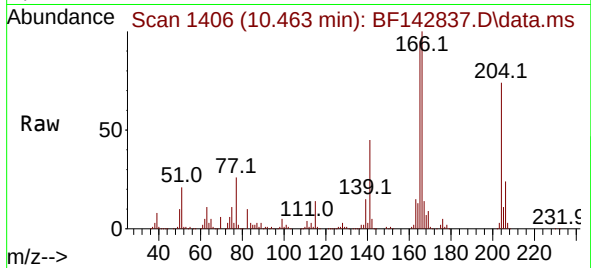




#61
4-Chlorophenyl-phenylether
Concen: 42.444 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

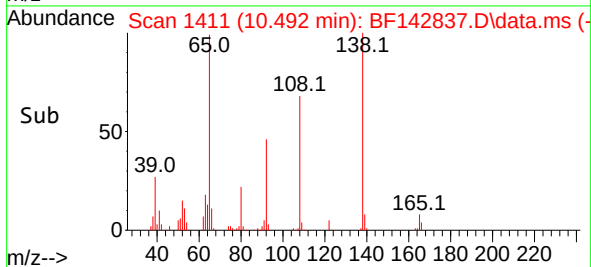
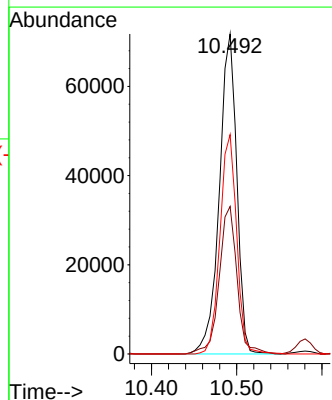
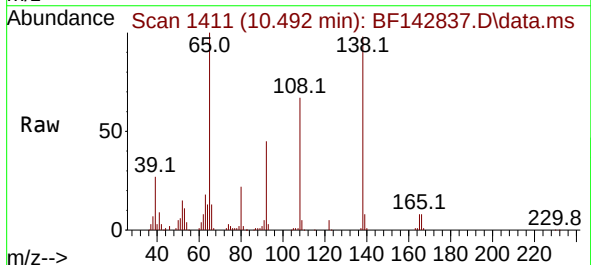
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

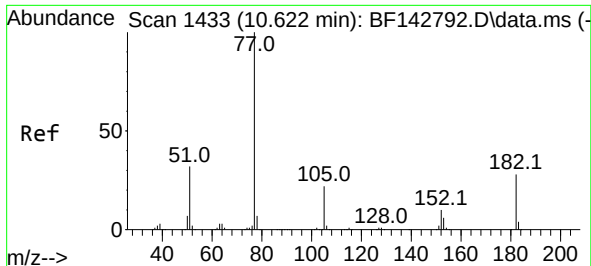
Tgt Ion:204 Resp: 220965
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 60.5 49.1 73.7



#62
4-Nitroaniline
Concen: 43.603 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:138 Resp: 102121
Ion Ratio Lower Upper
138 100
92 46.1 28.4 68.4
108 68.6 50.2 90.2

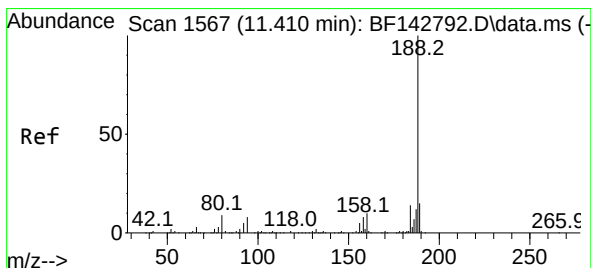
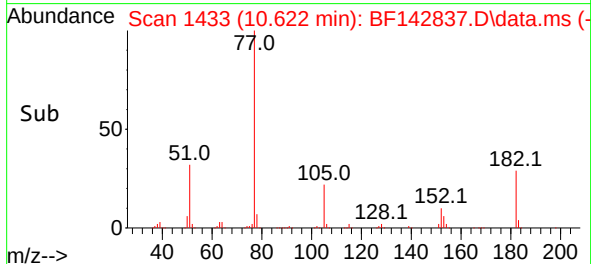
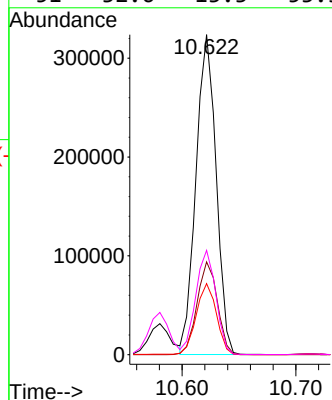
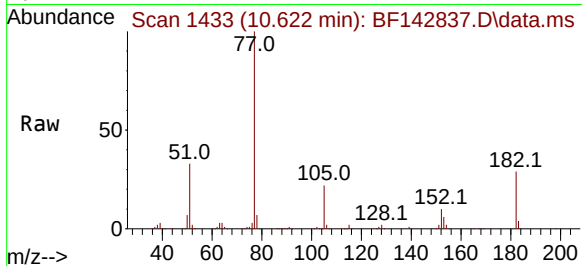




#63
Azobenzene
Concen: 42.971 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

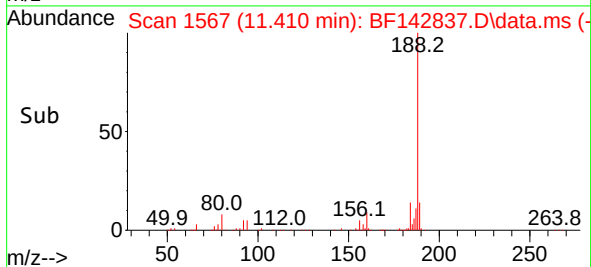
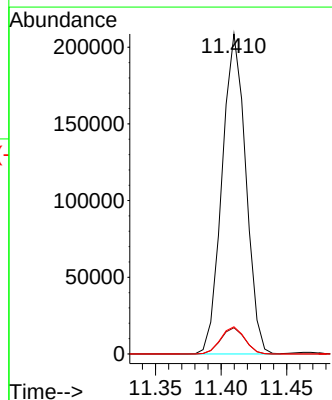
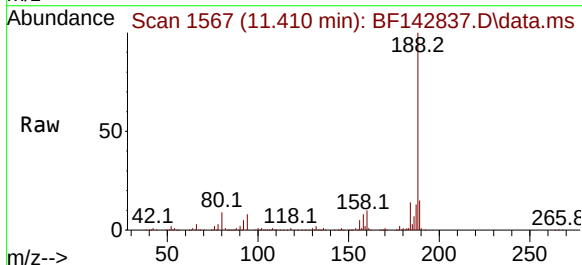
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

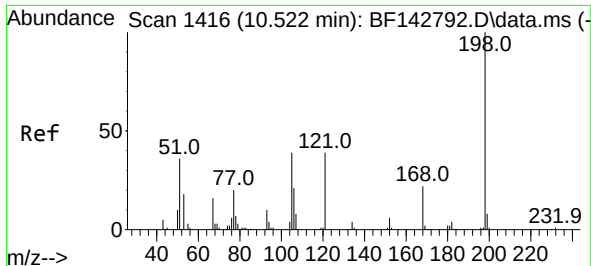
Tgt Ion: 77 Resp: 398817
Ion Ratio Lower Upper
77 100
182 29.0 7.7 47.7
105 22.2 1.9 41.9
51 32.6 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion: 188 Resp: 262901
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.5 6.9 10.3

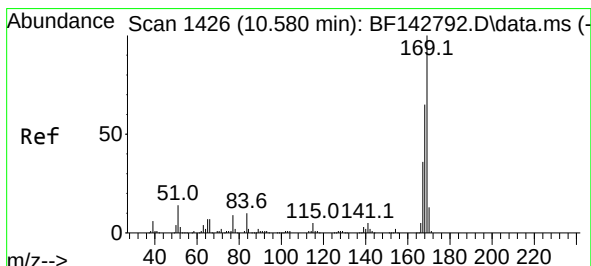
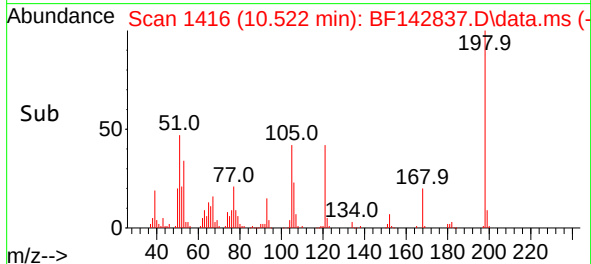
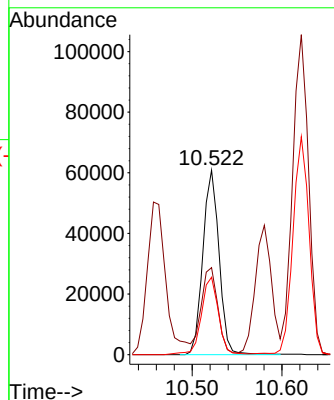
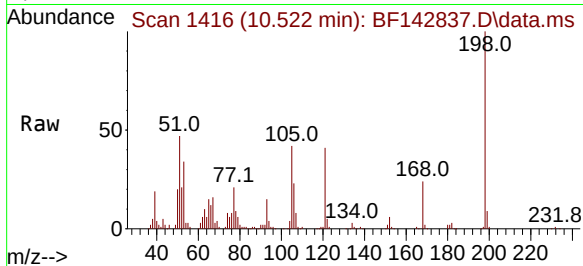




#65
4,6-Dinitro-2-methylphenol
Concen: 48.062 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

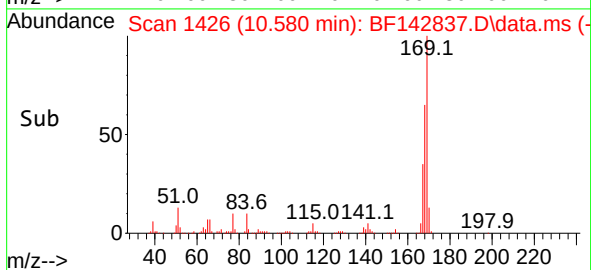
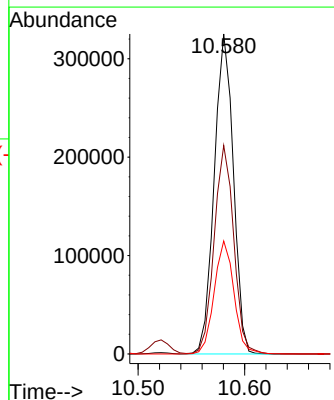
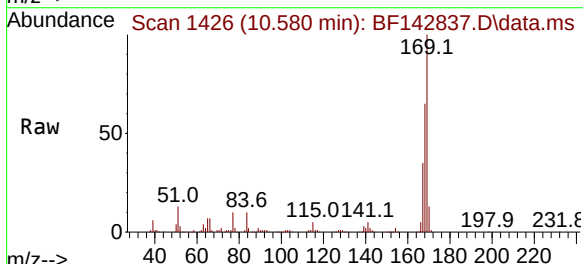
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

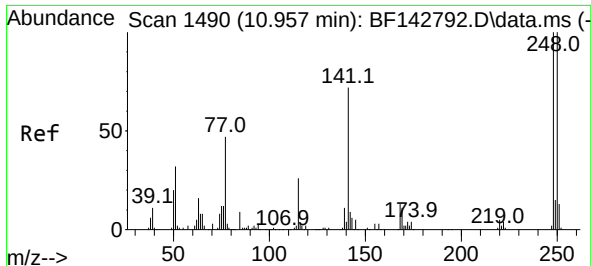
Tgt Ion:198 Resp: 76429
Ion Ratio Lower Upper
198 100
51 47.2 25.4 65.4
105 41.9 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 44.444 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:169 Resp: 404954
Ion Ratio Lower Upper
169 100
168 65.2 51.9 77.9
167 35.3 28.5 42.7

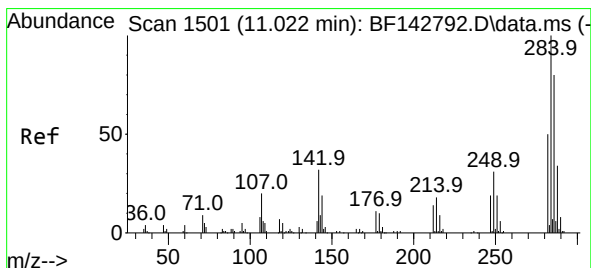
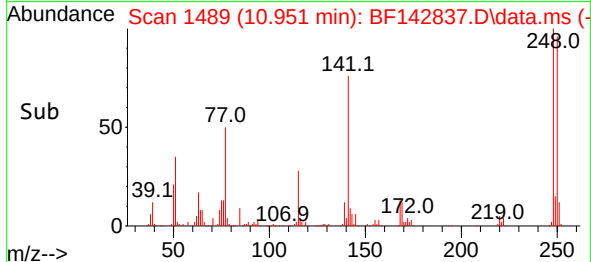
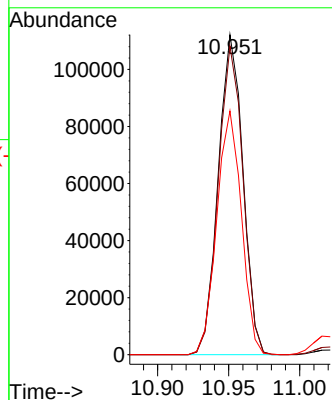
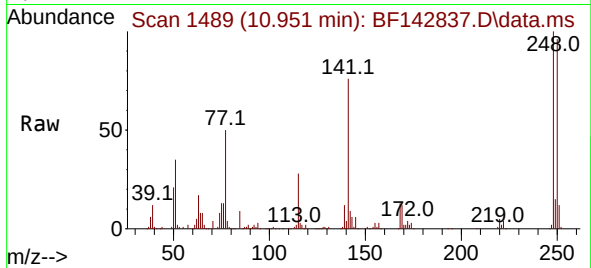




#67
4-Bromophenyl-phenylether
Concen: 45.436 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

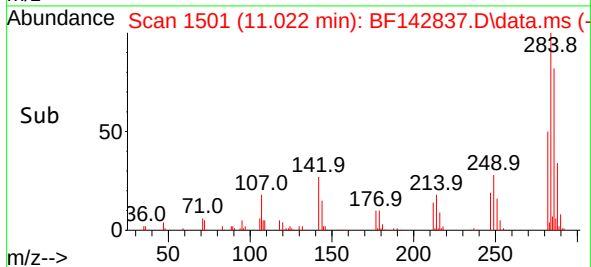
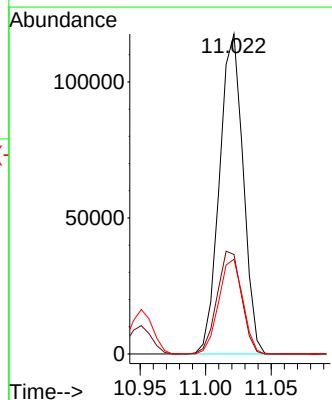
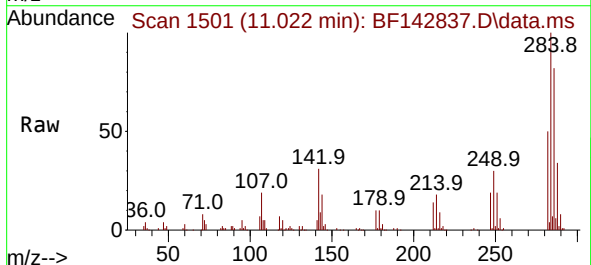
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

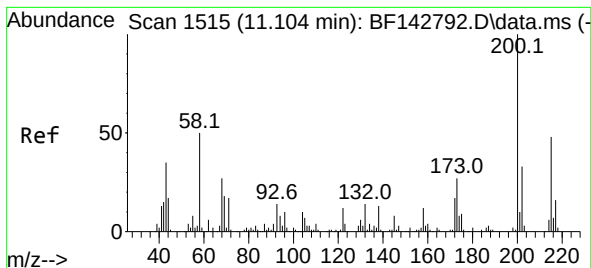
Tgt Ion:248 Resp: 135948
Ion Ratio Lower Upper
248 100
250 96.4 79.8 119.8
141 76.1 57.8 86.6



#68
Hexachlorobenzene
Concen: 44.386 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:284 Resp: 147569
Ion Ratio Lower Upper
284 100
142 31.1 25.5 38.3
249 29.6 24.9 37.3





#69

Atrazine

Concen: 51.389 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

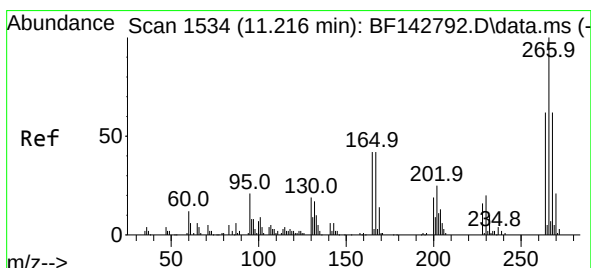
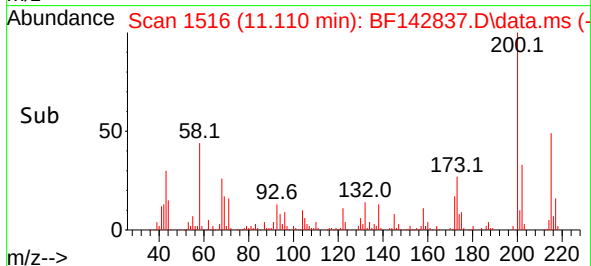
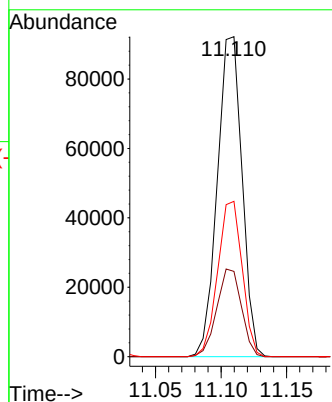
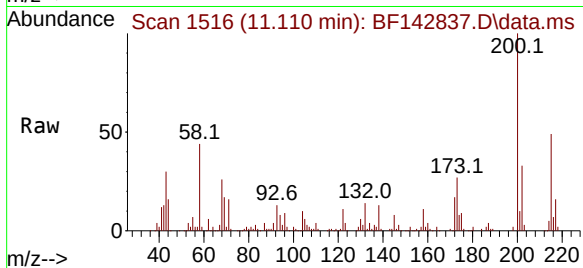
Tgt Ion:200 Resp: 120913

Ion Ratio Lower Upper

200 100

173 26.6 7.4 47.4

215 48.6 28.4 68.4



#70

Pentachlorophenol

Concen: 94.172 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

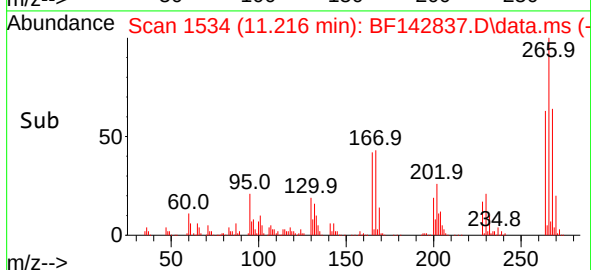
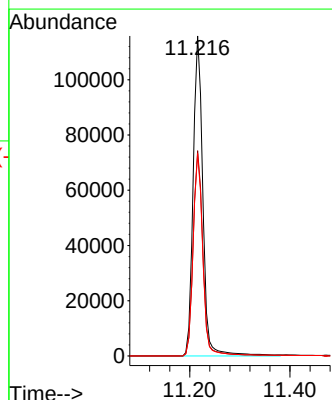
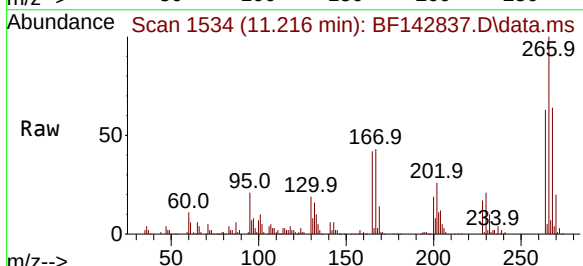
Tgt Ion:266 Resp: 156013

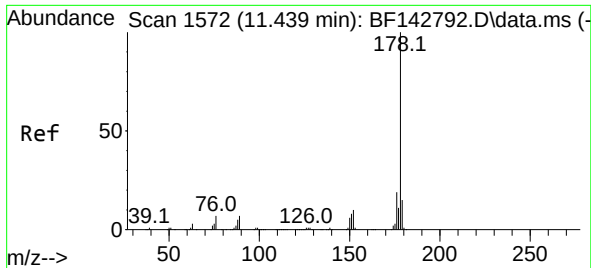
Ion Ratio Lower Upper

266 100

268 64.1 49.8 74.8

264 63.3 49.9 74.9

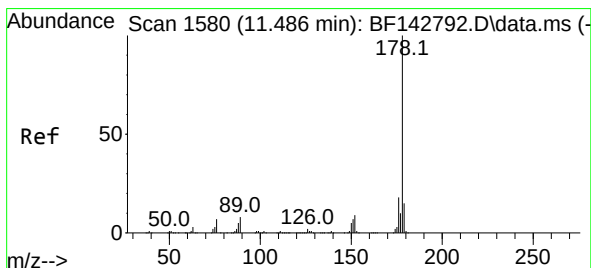
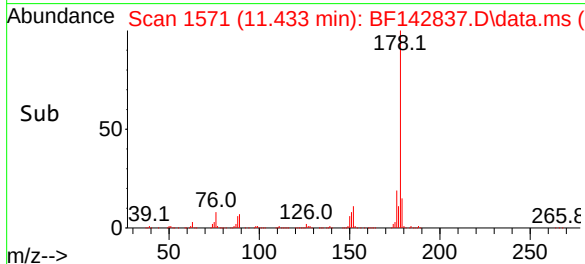
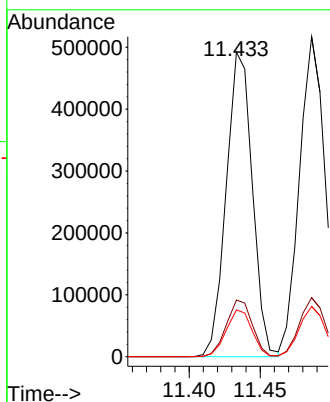
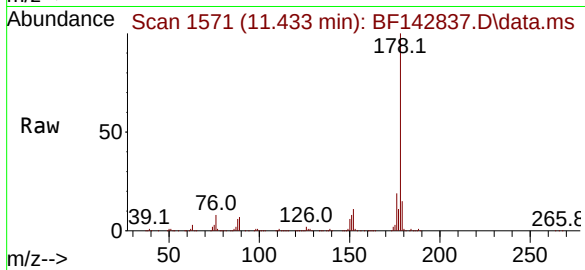




#71
Phenanthrene
Concen: 44.262 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

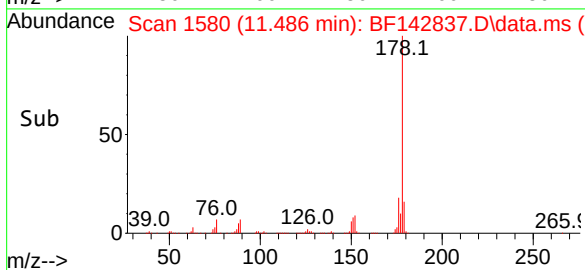
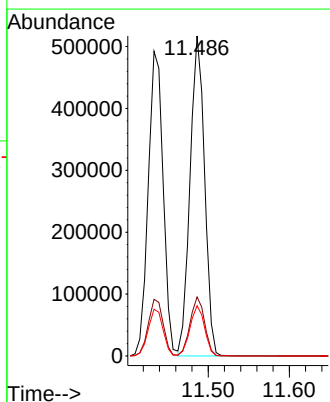
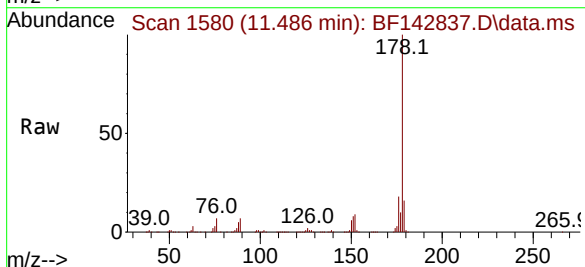
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

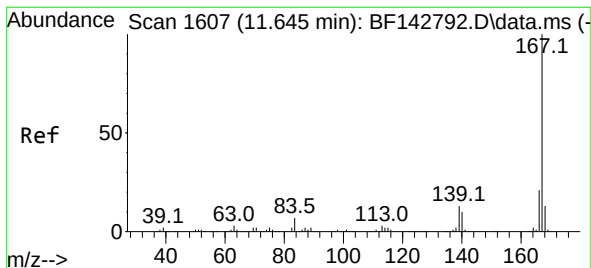
Tgt Ion:178 Resp: 630354
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 44.167 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:178 Resp: 645095
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.7 12.4 18.6





#73

Carbazole

Concen: 44.871 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

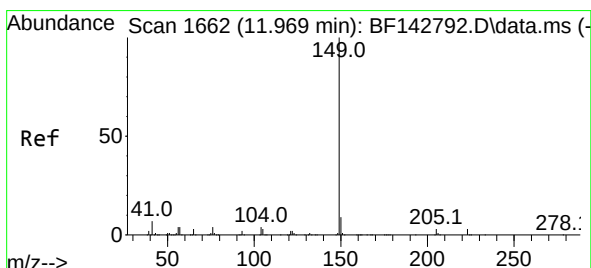
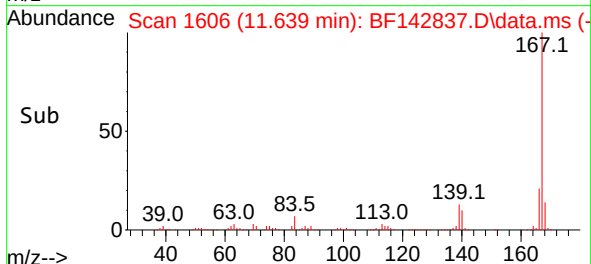
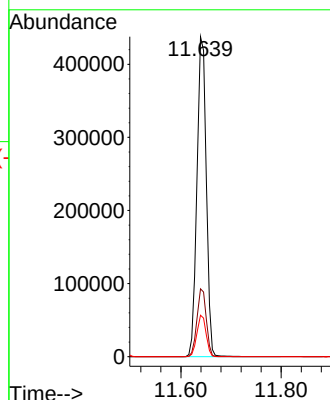
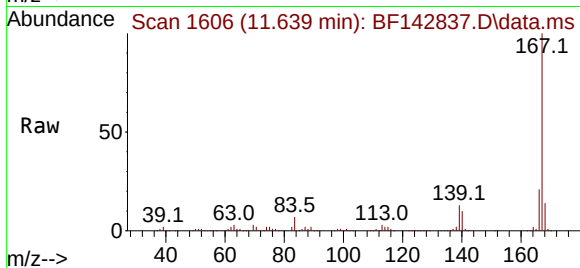
Tgt Ion:167 Resp: 565561

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 13.0 10.2 15.2



#74

Di-n-butylphthalate

Concen: 50.615 ng

RT: 11.969 min Scan# 1662

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

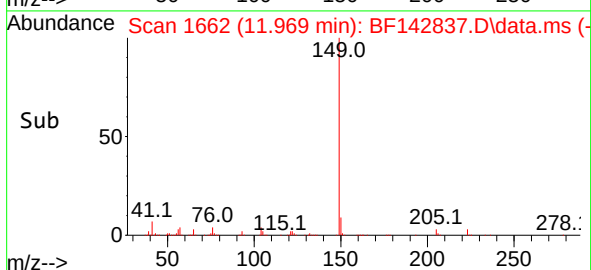
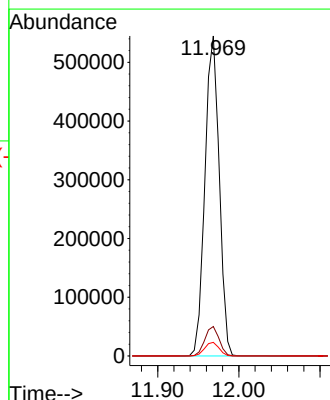
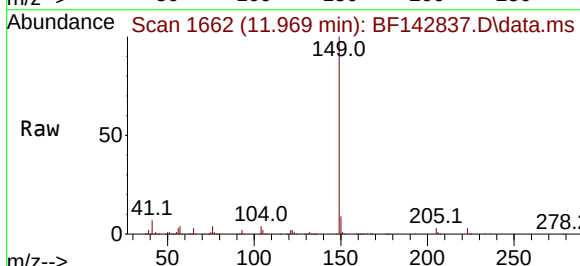
Tgt Ion:149 Resp: 664599

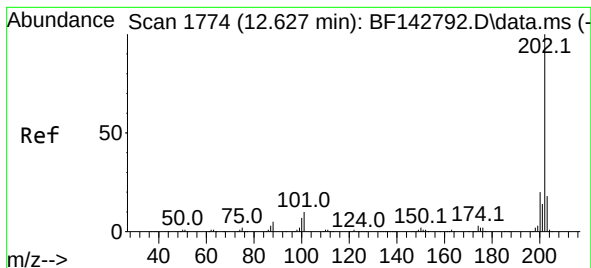
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 45.824 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

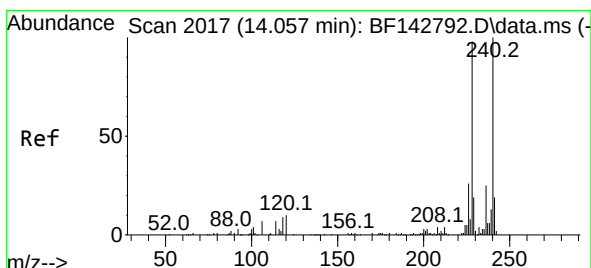
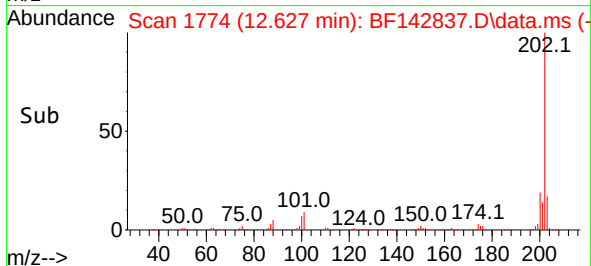
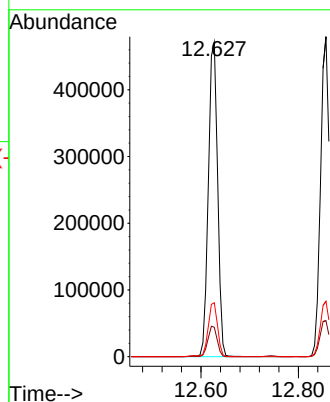
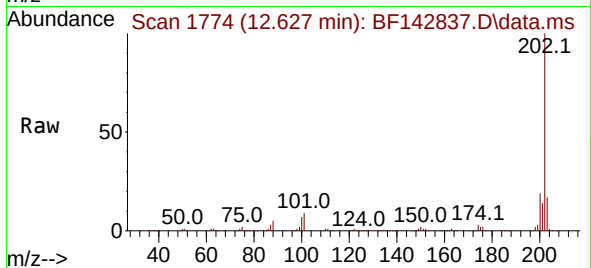
Tgt Ion:202 Resp: 619349

Ion Ratio Lower Upper

202 100

101 9.4 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: BF142837.D

Acq: 25 Jun 2025 14:55

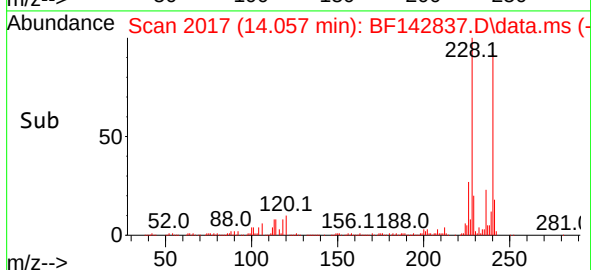
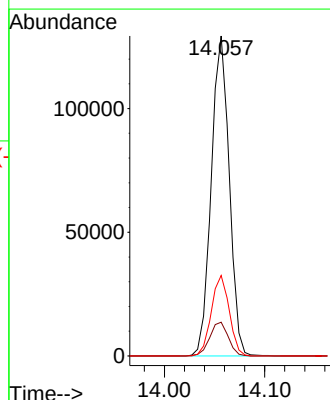
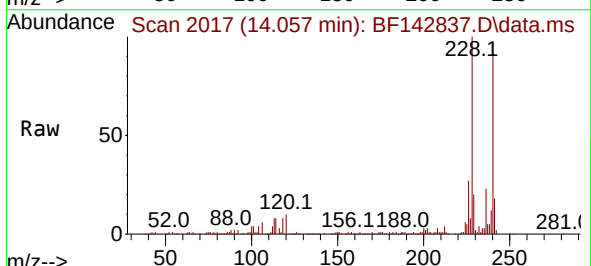
Tgt Ion:240 Resp: 161274

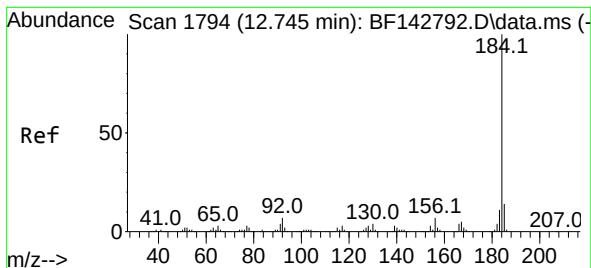
Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

236 25.1 19.8 29.8





#77

Benzidine

Concen: 40.707 ng

RT: 12.745 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

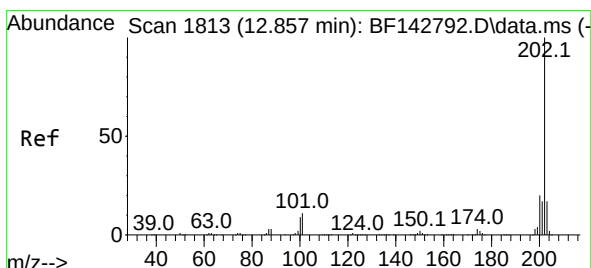
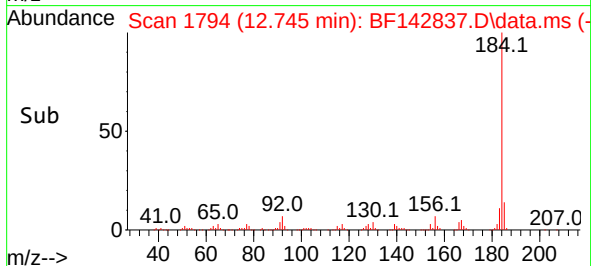
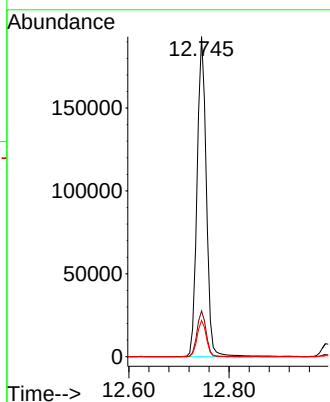
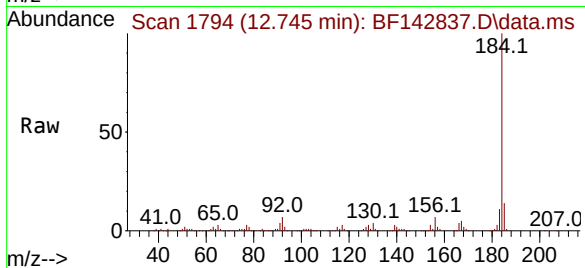
Tgt Ion:184 Resp: 246655

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.3 9.0 13.4



#78

Pyrene

Concen: 40.351 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

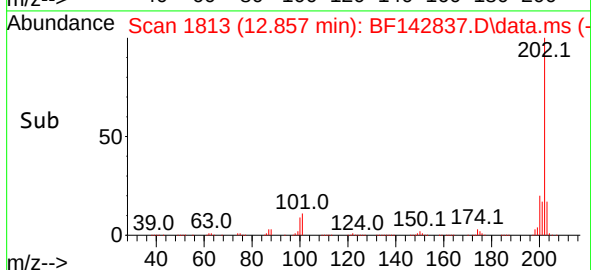
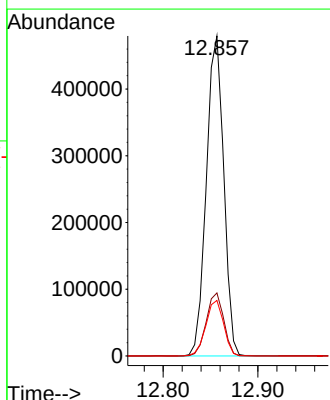
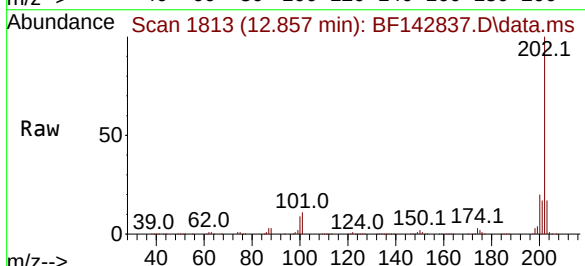
Tgt Ion:202 Resp: 609983

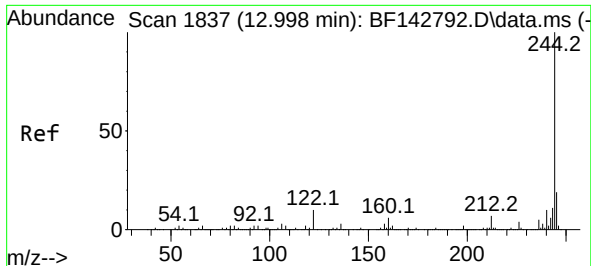
Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

203 17.4 13.8 20.6

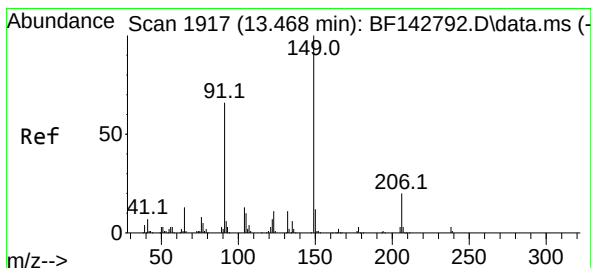
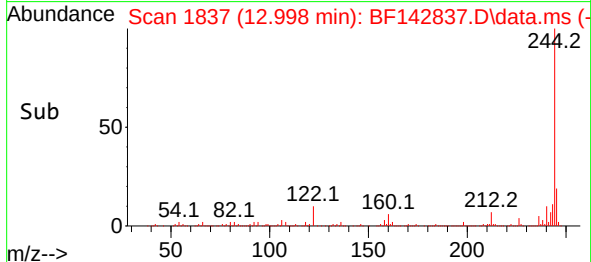
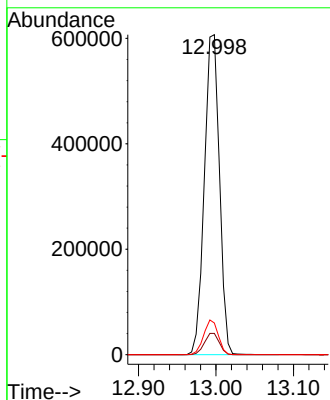
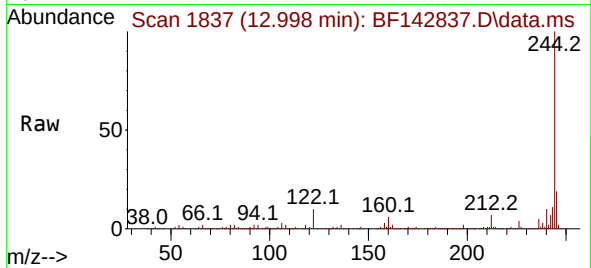




#79
 Terphenyl-d14
 Concen: 70.220 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142837.D
 Acq: 25 Jun 2025 14:55

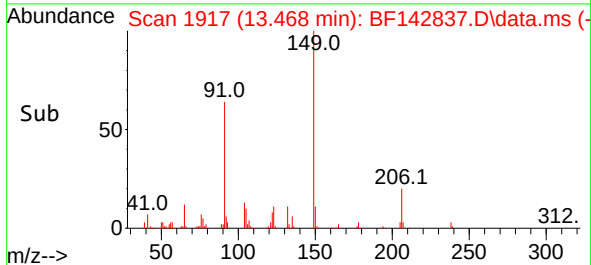
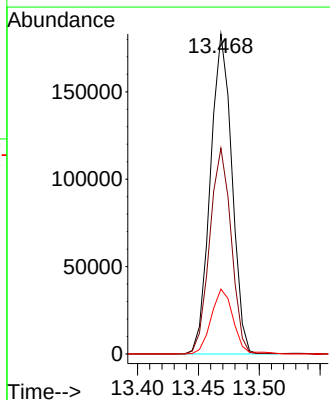
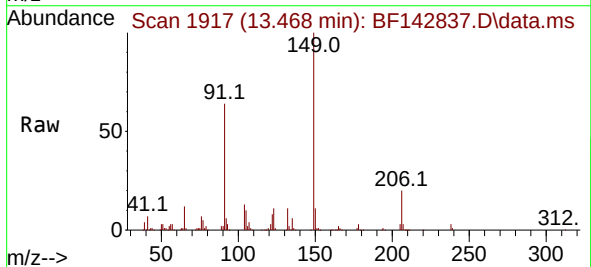
Instrument :
 BNA_F
 ClientSampleId :
 PB168592BSD

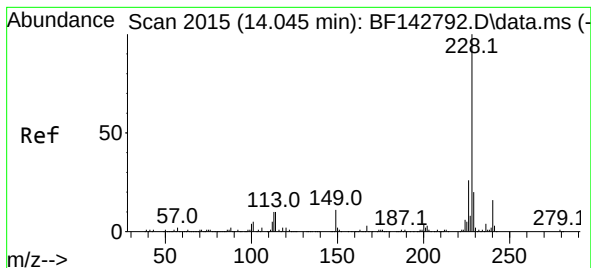
Tgt Ion:244 Resp: 819614
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 51.475 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142837.D
 Acq: 25 Jun 2025 14:55

Tgt Ion:149 Resp: 225717
 Ion Ratio Lower Upper
 149 100
 91 64.3 52.9 79.3
 206 20.3 16.3 24.5





#81

Benzo(a)anthracene

Concen: 44.813 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

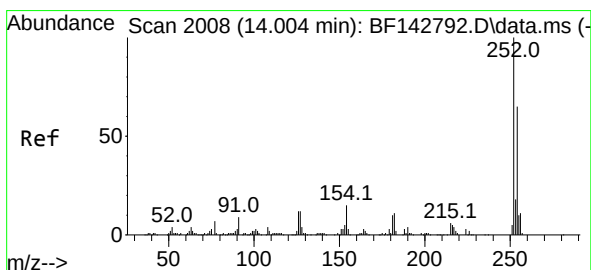
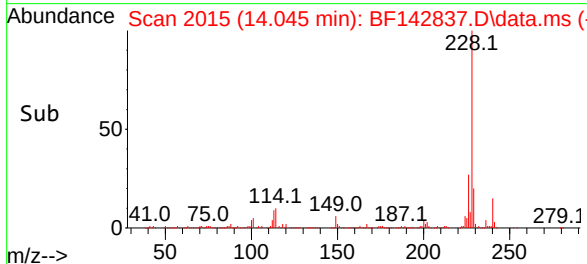
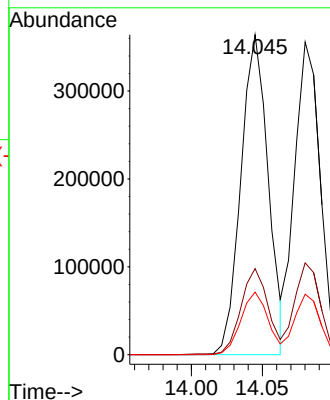
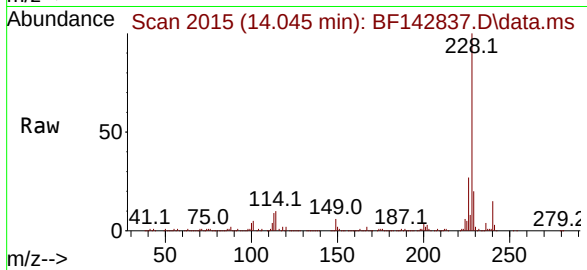
Tgt Ion:228 Resp: 487545

Ion Ratio Lower Upper

228 100

226 26.9 21.2 31.8

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 19.582 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

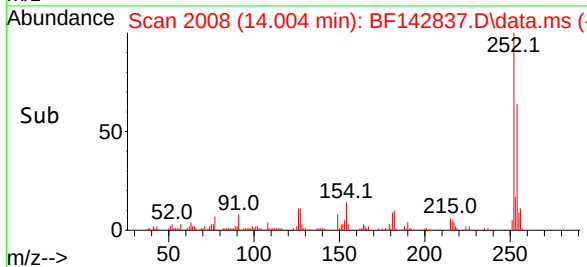
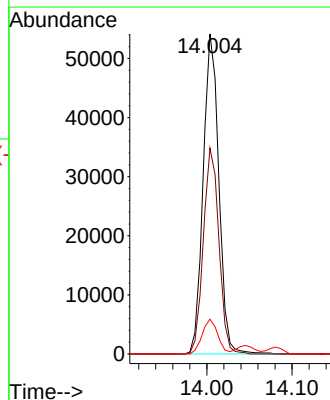
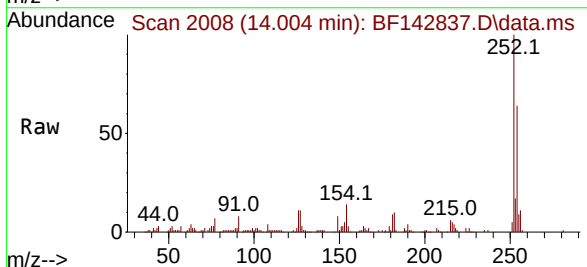
Tgt Ion:252 Resp: 69101

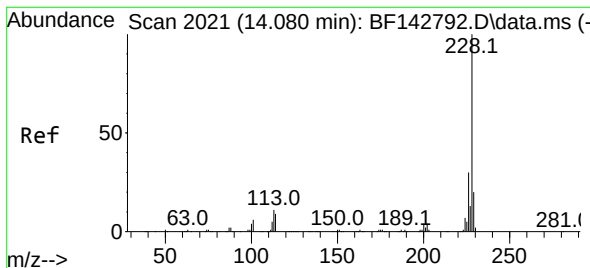
Ion Ratio Lower Upper

252 100

254 64.3 51.7 77.5

126 10.9 9.4 14.2





#83

Chrysene

Concen: 45.856 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

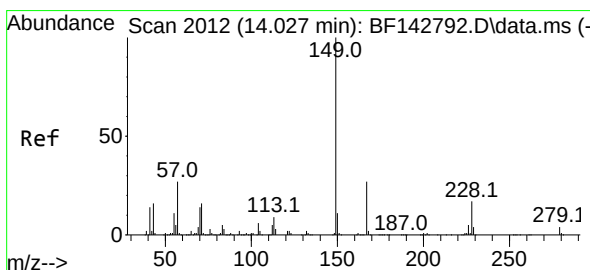
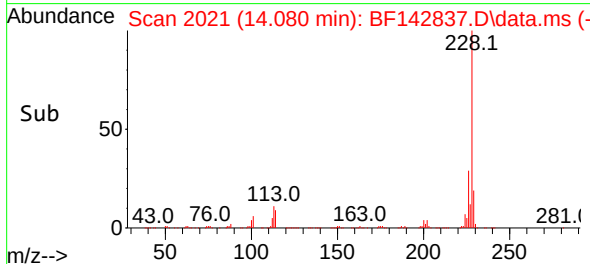
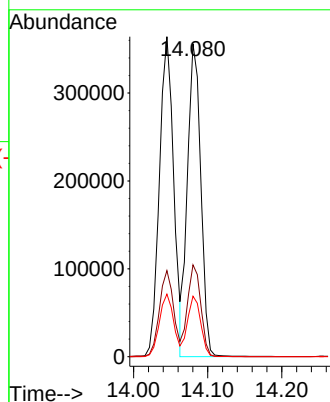
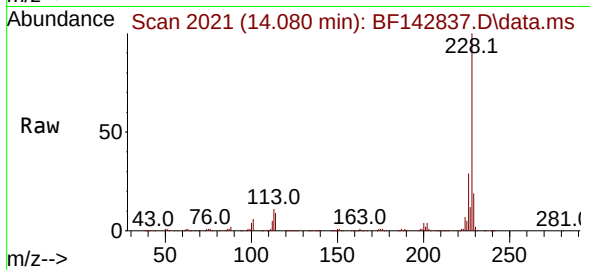
Tgt Ion:228 Resp: 445178

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.458 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

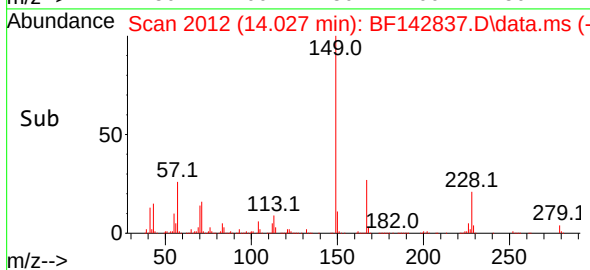
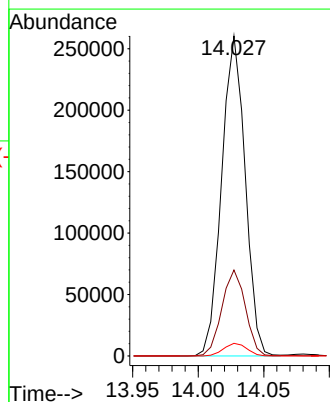
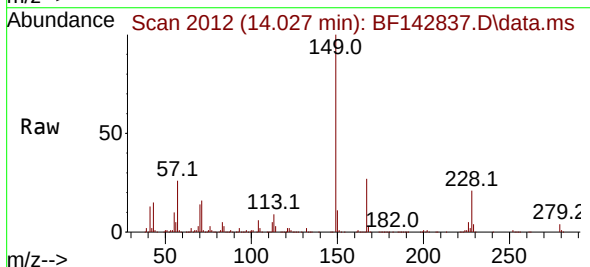
Tgt Ion:149 Resp: 324650

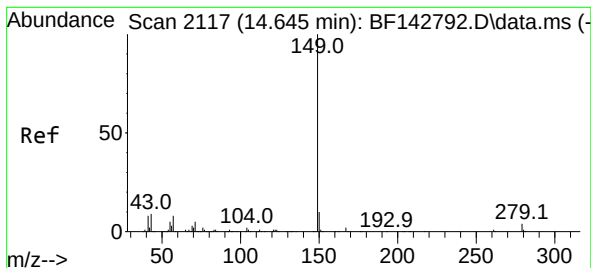
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.0 3.0 4.6

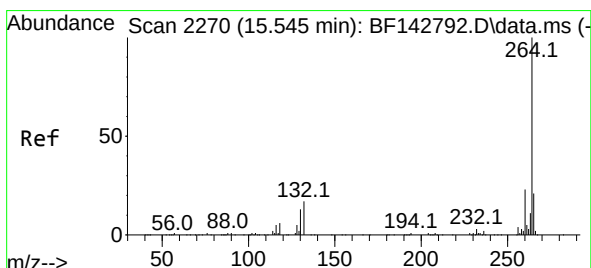
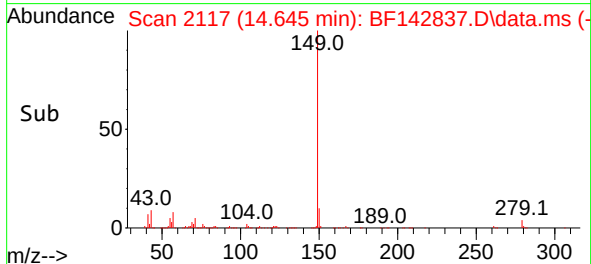
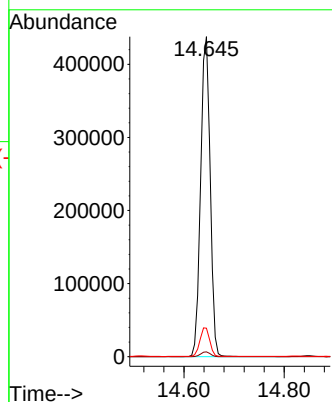
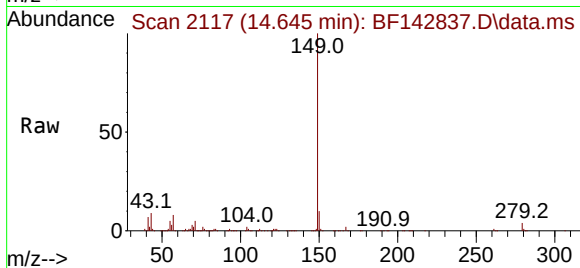




#85
Di-n-octyl phthalate
Concen: 48.505 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

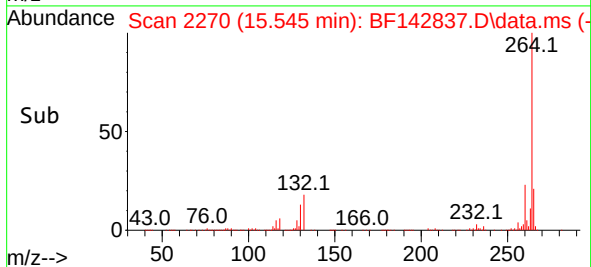
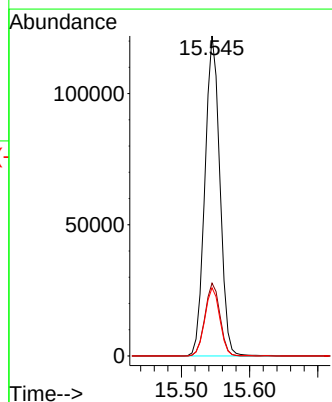
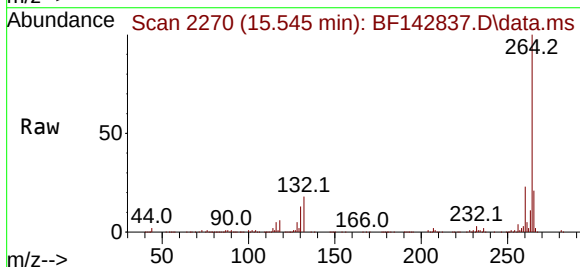
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

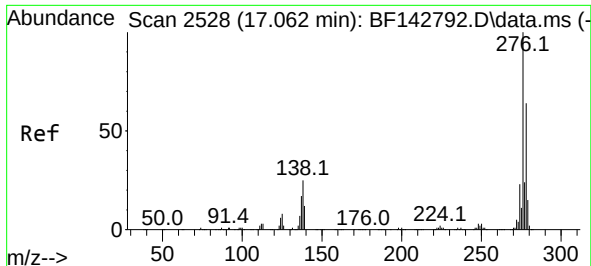
Tgt Ion:149 Resp: 577036
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:264 Resp: 186310
Ion Ratio Lower Upper
264 100
260 22.8 18.1 27.1
265 21.3 16.6 25.0

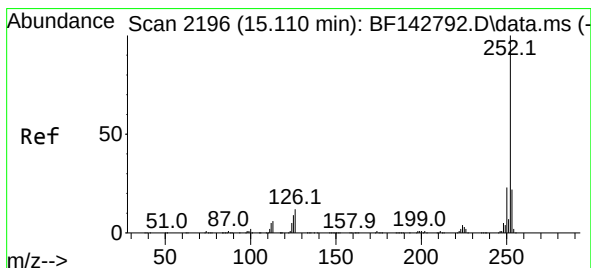
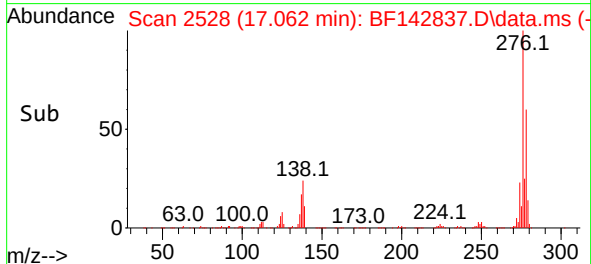
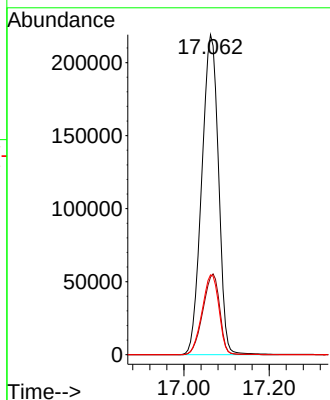
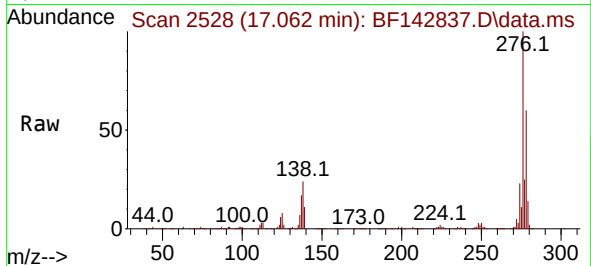




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.119 ng
 RT: 17.062 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF142837.D
 Acq: 25 Jun 2025 14:55

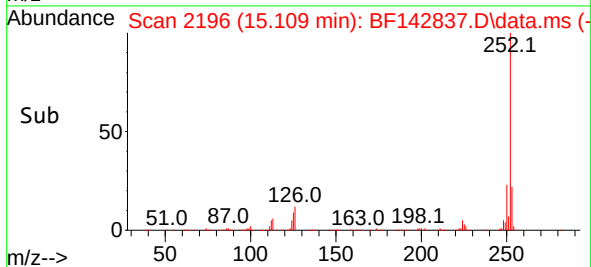
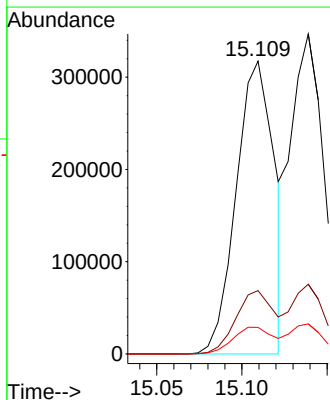
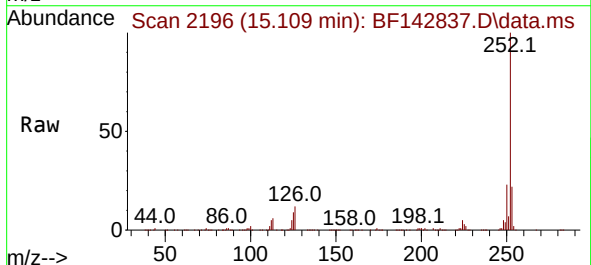
Instrument :
 BNA_F
 ClientSampleId :
 PB168592BSD

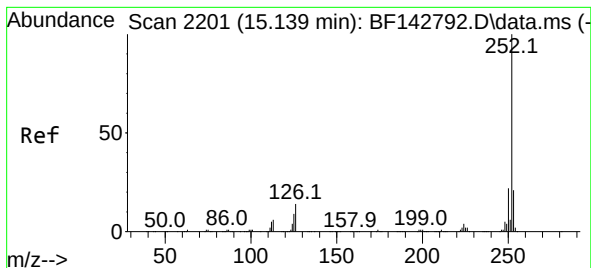
Tgt Ion:276 Resp: 597719
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.2 30.4
 277 25.2 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 45.495 ng
 RT: 15.109 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: BF142837.D
 Acq: 25 Jun 2025 14:55

Tgt Ion:252 Resp: 490465
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 9.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 46.801 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

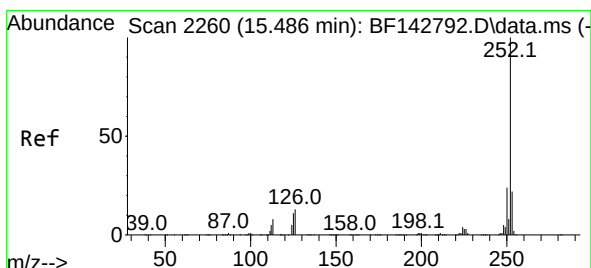
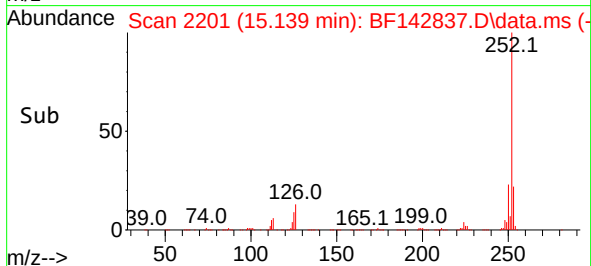
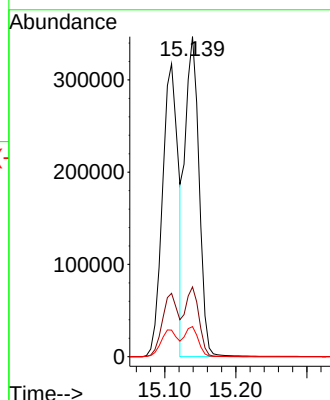
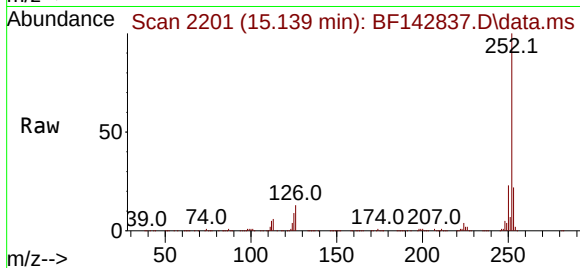
Tgt Ion:252 Resp: 472041

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 45.760 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

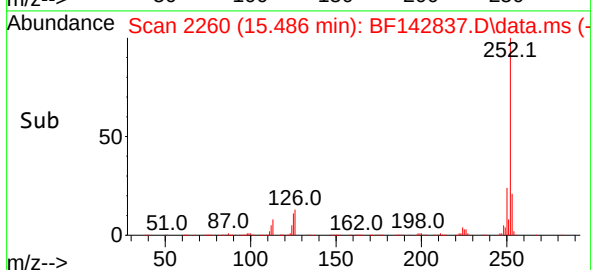
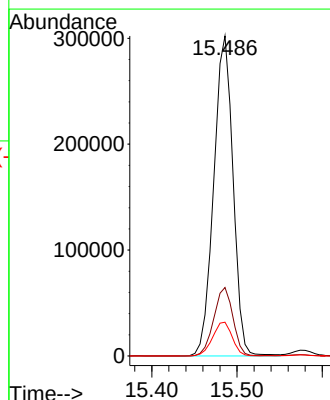
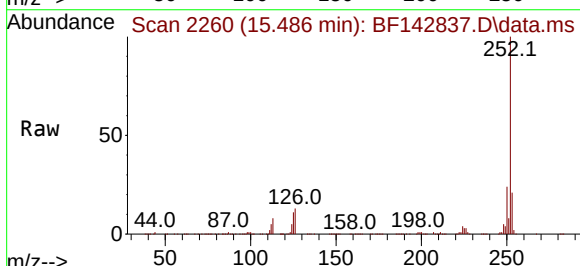
Tgt Ion:252 Resp: 476585

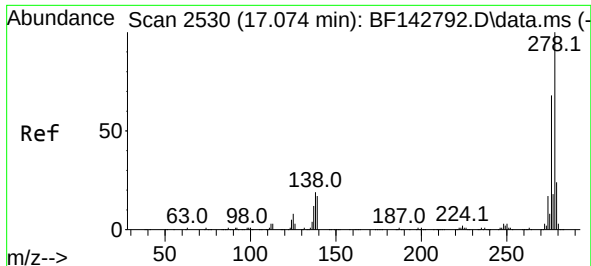
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.5 8.6 12.8

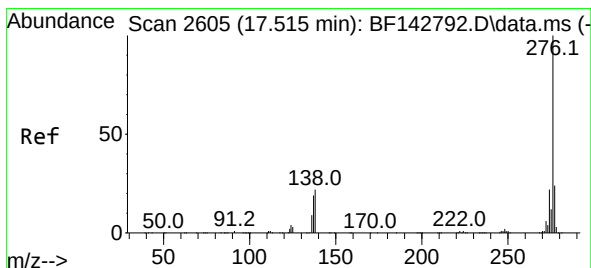
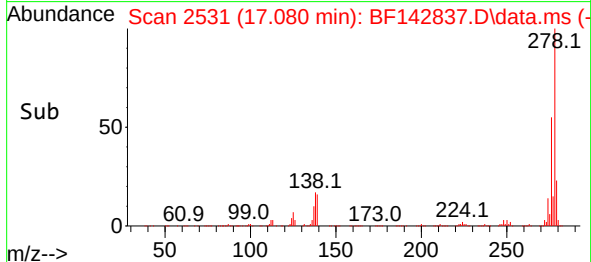
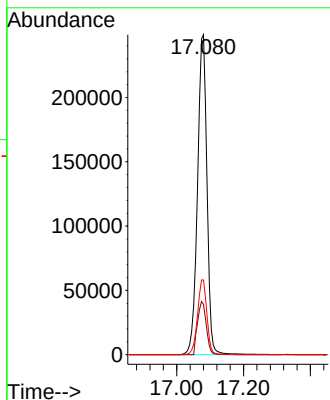
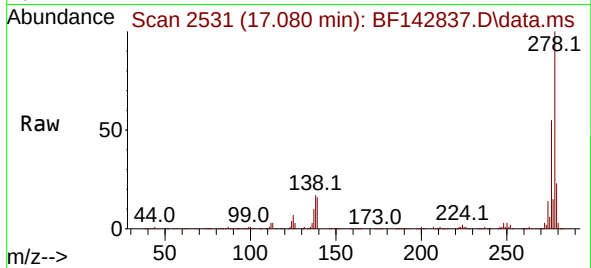




#91
Dibenzo(a,h)anthracene
Concen: 42.396 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Tgt Ion:278 Resp: 488845
Ion Ratio Lower Upper
278 100
139 15.7 13.5 20.3
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 42.636 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:276 Resp: 490223
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.8 17.6 26.4

