

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142839.D
 Acq On : 25 Jun 2025 15:57
 Operator : RC/JU
 Sample : PB168601BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168601BS

Quant Time: Jun 25 16:17:47 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	75779	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	274808	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	132637	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	201072	20.000	ng	0.00
76) Chrysene-d12	14.057	240	147361	20.000	ng	0.00
86) Perylene-d12	15.545	264	184315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	537720	118.141	ng	0.01
7) Phenol-d6	6.510	99	611348	113.848	ng	0.00
23) Nitrobenzene-d5	7.439	82	386152	77.075	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	161105	118.032	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	796019	78.840	ng	0.00
79) Terphenyl-d14	12.992	244	660839	61.962	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	67762	37.222	ng	98
3) Pyridine	3.475	79	184116	40.342	ng	99
4) n-Nitrosodimethylamine	3.428	42	102806	43.561	ng	99
6) Aniline	6.540	93	213128	29.829	ng	92
8) 2-Chlorophenol	6.663	128	210361	42.845	ng	99
9) Benzaldehyde	6.428	77	126150	39.597	ng	99
10) Phenol	6.522	94	245098	41.062	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	186285	43.666	ng	99
12) 1,3-Dichlorobenzene	6.816	146	238490	43.433	ng	99
13) 1,4-Dichlorobenzene	6.892	146	243305	43.918	ng	99
14) 1,2-Dichlorobenzene	7.045	146	231457	44.048	ng	99
15) Benzyl Alcohol	7.022	79	162957	41.977	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	291399	42.514	ng	97
17) 2-Methylphenol	7.134	107	154584	41.547	ng	98
18) Hexachloroethane	7.387	117	86781	44.785	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	133756	42.827	ng	100
20) 3+4-Methylphenols	7.287	107	191364	41.251	ng	91
22) Acetophenone	7.287	105	270364	44.614	ng	98
24) Nitrobenzene	7.457	77	201988	44.544	ng	99
25) Isophorone	7.698	82	354436	44.101	ng	100
26) 2-Nitrophenol	7.775	139	114740	46.450	ng	99
27) 2,4-Dimethylphenol	7.816	122	183895	42.978	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	226918	44.411	ng	99
29) 2,4-Dichlorophenol	8.022	162	167520	43.179	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	192694	45.168	ng	99
31) Naphthalene	8.181	128	599634	44.578	ng	100
32) Benzoic acid	7.928	122	97867	44.876	ng	96
33) 4-Chloroaniline	8.234	127	92787	16.964	ng	98
34) Hexachlorobutadiene	8.298	225	120739	46.269	ng	99
35) Caprolactam	8.598	113	43848	42.830	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	157573	40.867	ng	100
37) 2-Methylnaphthalene	8.875	142	362264	43.440	ng	100
38) 1-Methylnaphthalene	8.975	142	373442	43.258	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	185507	47.400	ng	99
41) Hexachlorocyclopentadiene	9.028	237	226737	102.091	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	113915	44.668	ng	99

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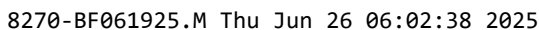
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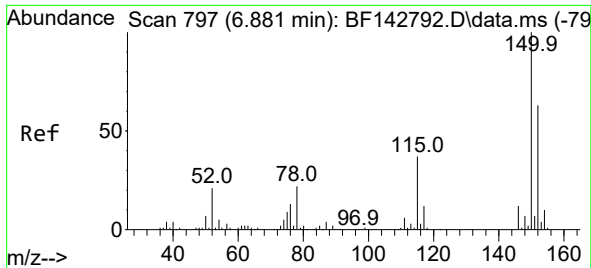
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	118294	44.064	ng	99
46) 1,1'-Biphenyl	9.339	154	485020	46.291	ng	100
47) 2-Chloronaphthalene	9.363	162	355587	45.225	ng	100
48) 2-Nitroaniline	9.463	65	95641	43.388	ng	96
49) Acenaphthylene	9.781	152	578483	44.692	ng	99
50) Dimethylphthalate	9.639	163	383618	44.681	ng	100
51) 2,6-Dinitrotoluene	9.704	165	83401	44.233	ng	97
52) Acenaphthene	9.951	154	386282	48.914	ng	100
53) 3-Nitroaniline	9.869	138	47033	22.656	ng	99
54) 2,4-Dinitrophenol	9.980	184	91154	96.551	ng	99
55) Dibenzofuran	10.128	168	498929	44.058	ng	99
56) 4-Nitrophenol	10.039	139	119930	84.387	ng	98
57) 2,4-Dinitrotoluene	10.110	165	110607	44.163	ng	99
58) Fluorene	10.469	166	381766	43.166	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	94664	43.746	ng	96
60) Diethylphthalate	10.339	149	374487	44.486	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	184980	43.831	ng	99
62) 4-Nitroaniline	10.486	138	78627	41.413	ng	98
63) Azobenzene	10.622	77	316690	42.092	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	58716	48.278	ng	94
66) n-Nitrosodiphenylamine	10.580	169	325101	46.652	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	109098	47.675	ng	98
68) Hexachlorobenzene	11.016	284	120002	47.193	ng	98
69) Atrazine	11.104	200	93915	52.189	ng	99
70) Pentachlorophenol	11.216	266	118039	93.159	ng	98
71) Phenanthrene	11.433	178	493078	45.269	ng	99
72) Anthracene	11.486	178	508495	45.520	ng	100
73) Carbazole	11.639	167	444907	46.152	ng	100
74) Di-n-butylphthalate	11.969	149	518753	51.656	ng	100
75) Fluoranthene	12.621	202	482438	46.670	ng	100
77) Benzidine	12.745	184	243534	43.987	ng	99
78) Pyrene	12.857	202	486813	35.244	ng	100
80) Butylbenzylphthalate	13.469	149	210760	52.602	ng	96
81) Benzo(a)anthracene	14.045	228	452476	45.516	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	64332	19.951	ng	98
83) Chrysene	14.080	228	411802	46.423	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	318139	55.187	ng	99
85) Di-n-octyl phthalate	14.639	149	578638	53.232	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	603239	42.968	ng	99
88) Benzo(b)fluoranthene	15.110	252	497308	46.629	ng	100
89) Benzo(k)fluoranthene	15.139	252	476932	47.797	ng	99
90) Benzo(a)pyrene	15.486	252	485264	47.097	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	488418	42.817	ng	99
92) Benzo(g,h,i)perylene	17.515	276	484905	42.630	ng	100

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

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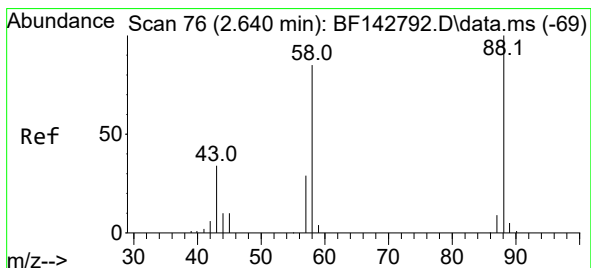
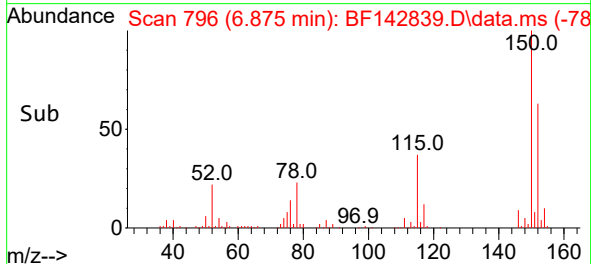
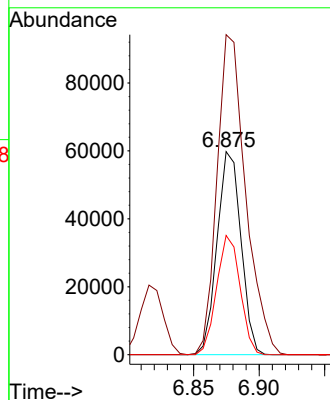
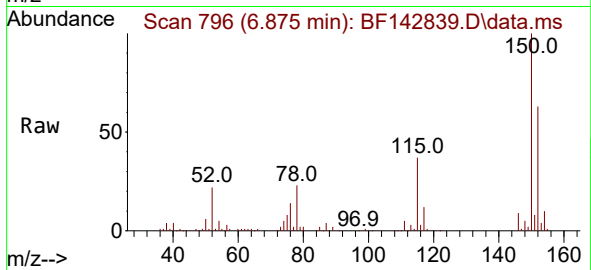




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142839.D
 Acq: 25 Jun 2025 15:57

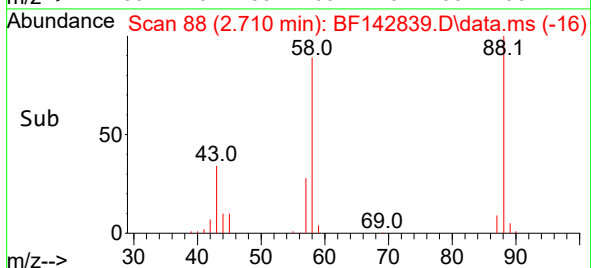
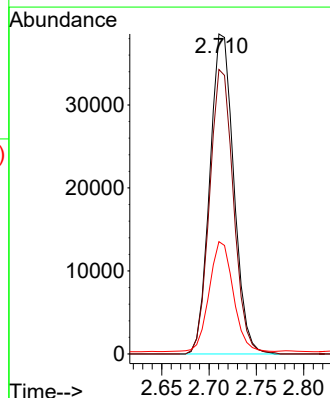
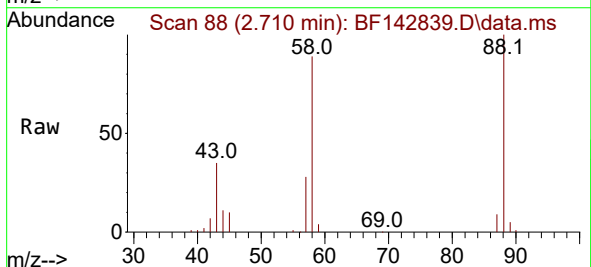
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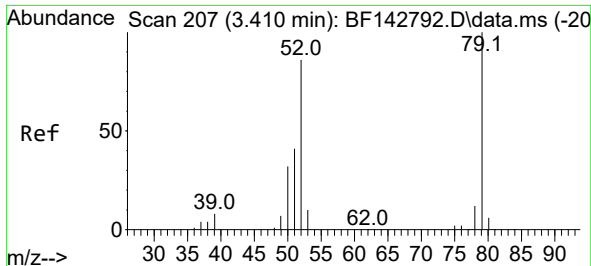
Tgt Ion:152 Resp: 75779
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.2 190.8
 115 58.7 46.6 69.8



#2
 1,4-Dioxane
 Concen: 37.222 ng
 RT: 2.710 min Scan# 88
 Delta R.T. 0.071 min
 Lab File: BF142839.D
 Acq: 25 Jun 2025 15:57

Tgt Ion: 88 Resp: 67762
 Ion Ratio Lower Upper
 88 100
 58 88.5 69.1 103.7
 43 34.3 27.4 41.2





#3

Pyridine

Concen: 40.342 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

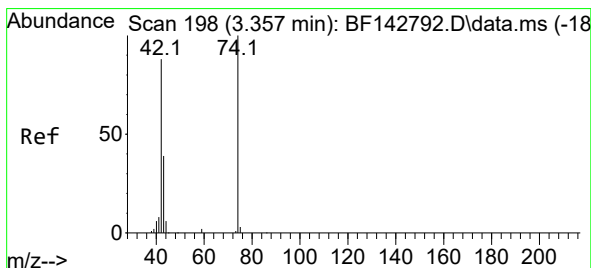
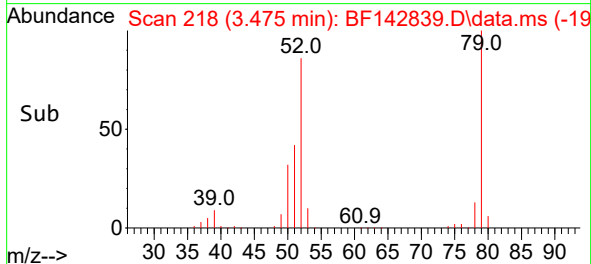
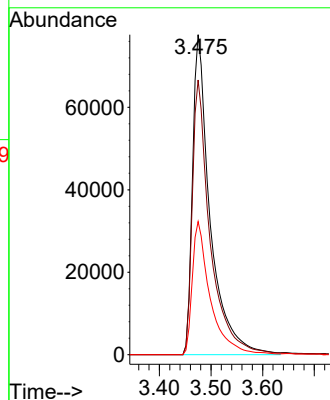
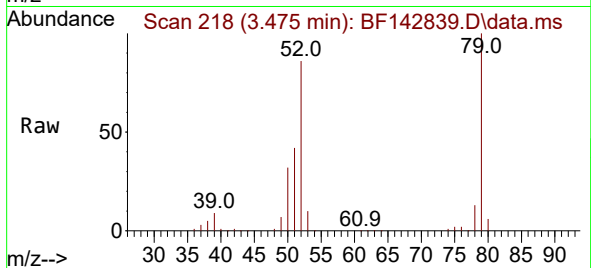
Tgt Ion: 79 Resp: 184116

Ion Ratio Lower Upper

79 100

52 85.8 69.2 103.8

51 41.6 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 43.561 ng

RT: 3.428 min Scan# 210

Delta R.T. 0.071 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

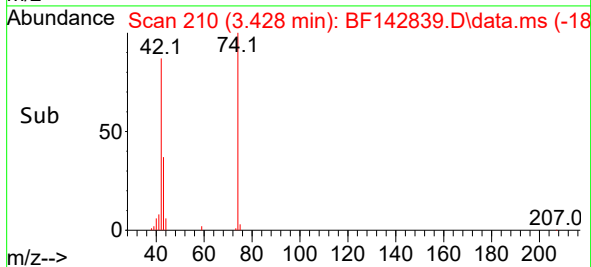
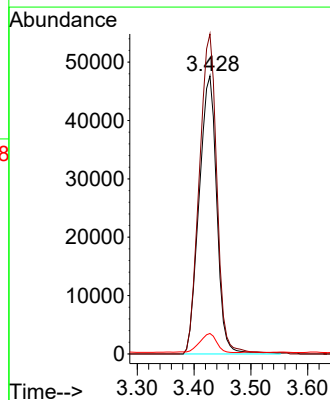
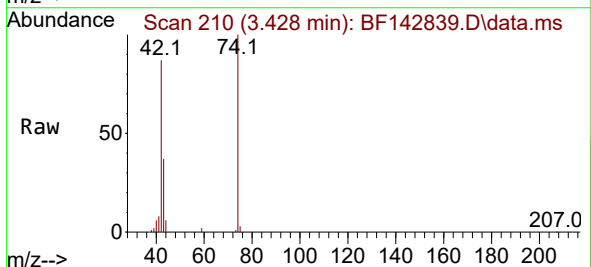
Tgt Ion: 42 Resp: 102806

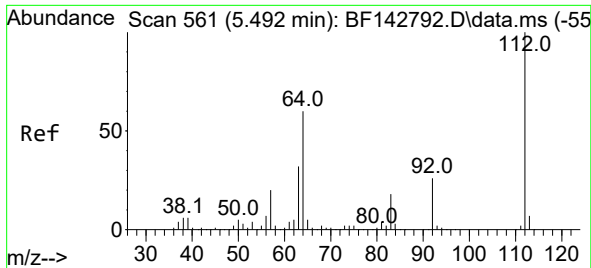
Ion Ratio Lower Upper

42 100

74 115.1 90.9 136.3

44 7.4 5.8 8.6

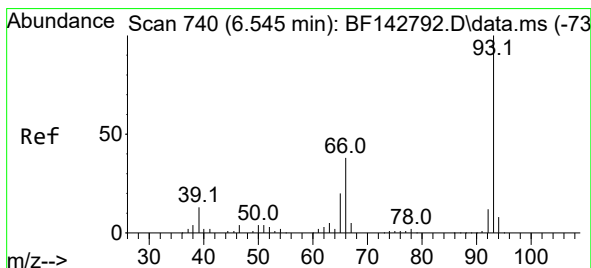
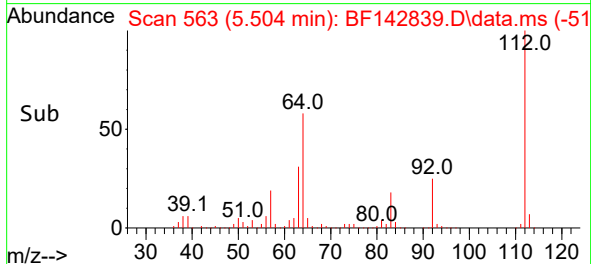
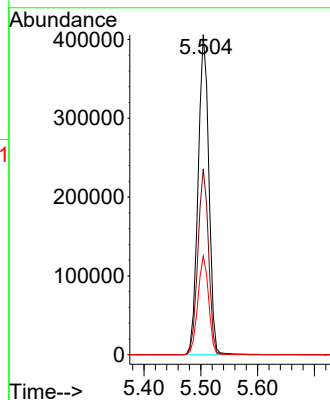
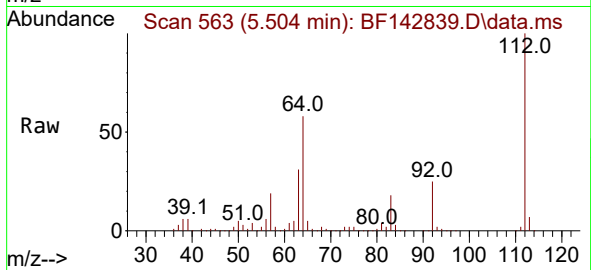




#5
2-Fluorophenol
Concen: 118.141 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

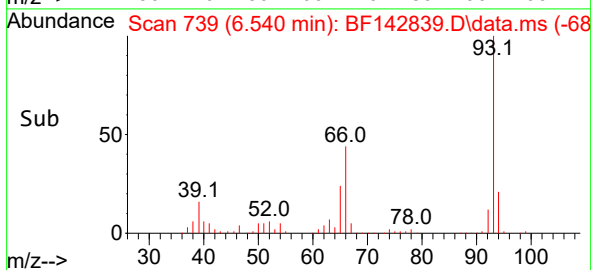
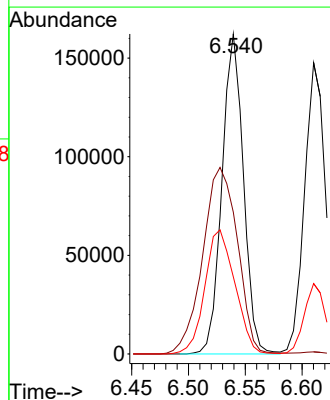
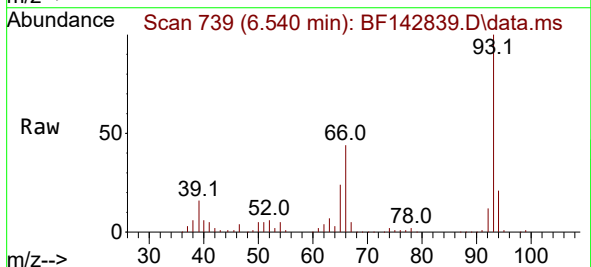
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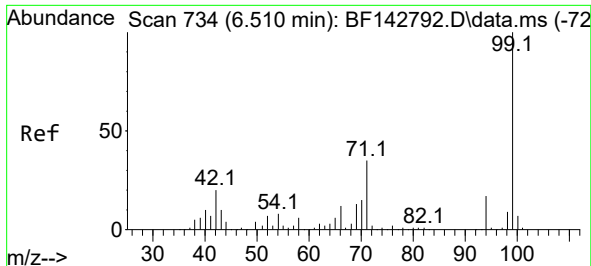
Tgt Ion:112 Resp: 537720
Ion Ratio Lower Upper
112 100
64 58.0 48.2 72.2
63 30.8 25.7 38.5



#6
Aniline
Concen: 29.829 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion: 93 Resp: 213128
Ion Ratio Lower Upper
93 100
66 44.3 31.8 47.6
65 24.1 16.2 24.2

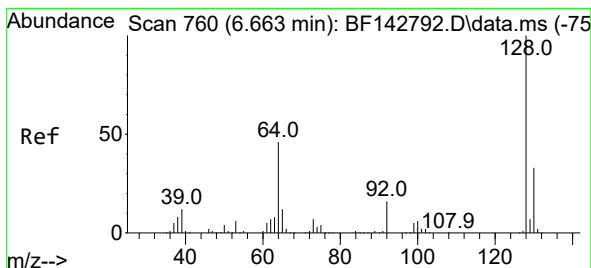
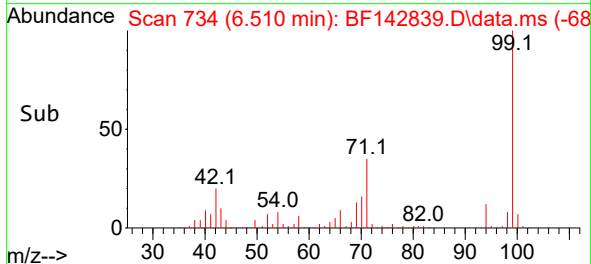
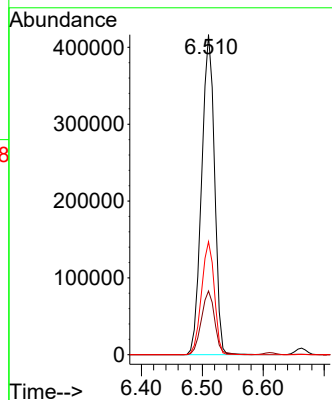
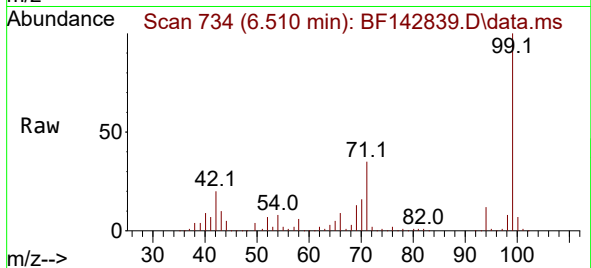




#7
Phenol-d6
Concen: 113.848 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

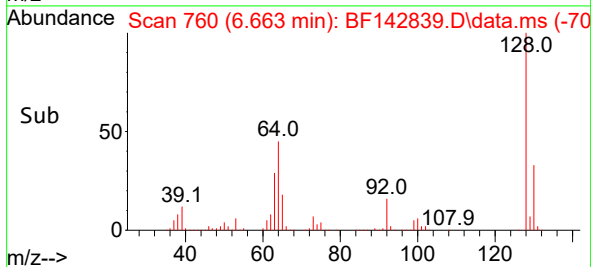
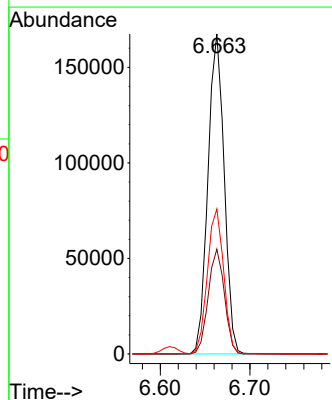
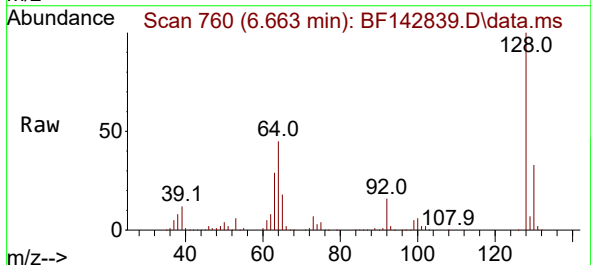
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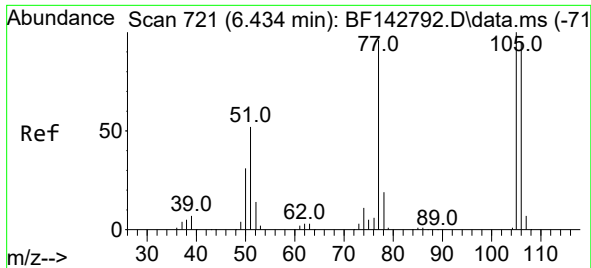
Tgt Ion: 99 Resp: 611348
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 35.3 27.8 41.8



#8
2-Chlorophenol
Concen: 42.845 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:128 Resp: 210361
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 45.3 26.5 66.5

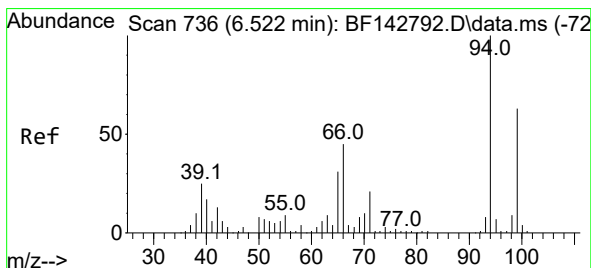
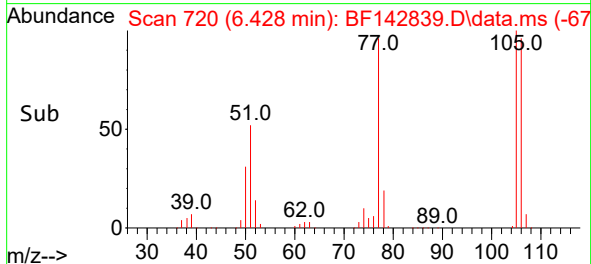
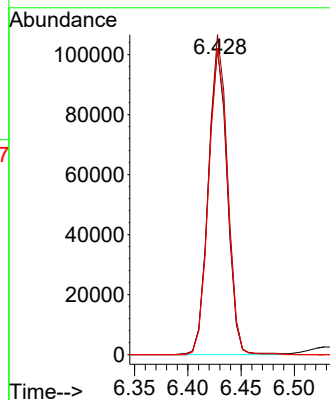
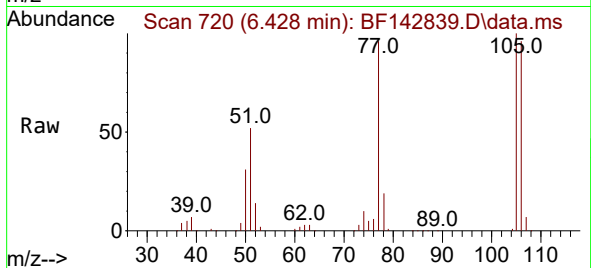




#9
Benzaldehyde
Concen: 39.597 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

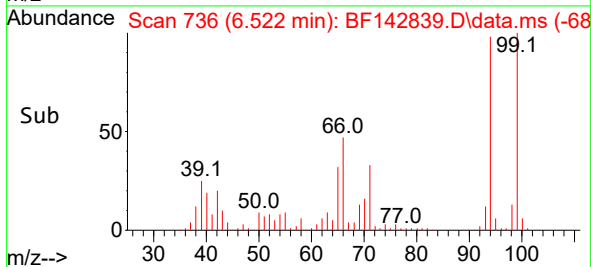
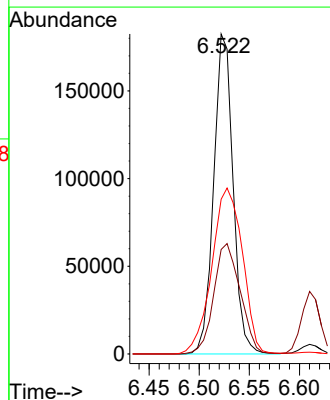
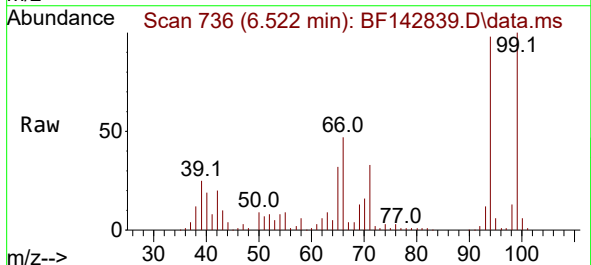
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ClientSampleId :
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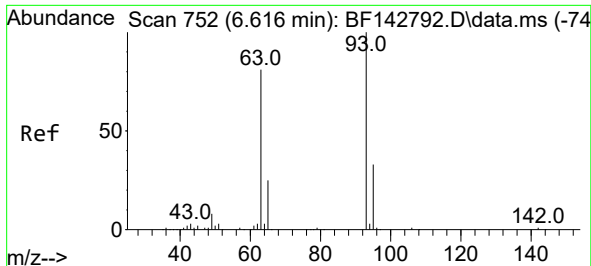
Tgt Ion: 77 Resp: 126150
Ion Ratio Lower Upper
77 100
105 104.6 83.8 123.8
106 100.0 78.7 118.7



#10
Phenol
Concen: 41.062 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion: 94 Resp: 245098
Ion Ratio Lower Upper
94 100
65 32.6 11.3 51.3
66 48.4 24.9 64.9

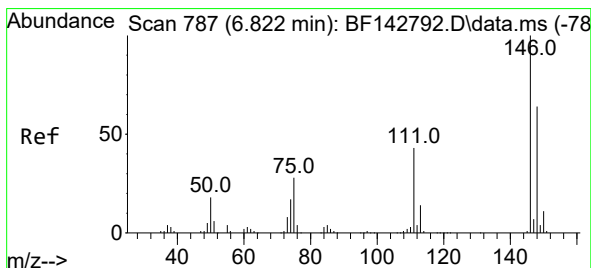
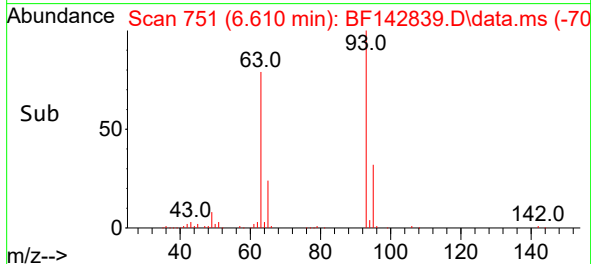
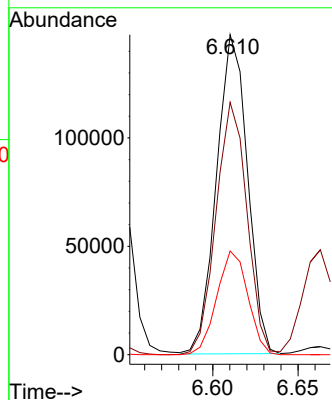
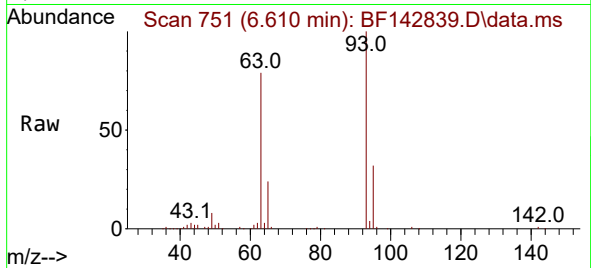




#11
bis(2-Chloroethyl)ether
Concen: 43.666 ng
RT: 6.610 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

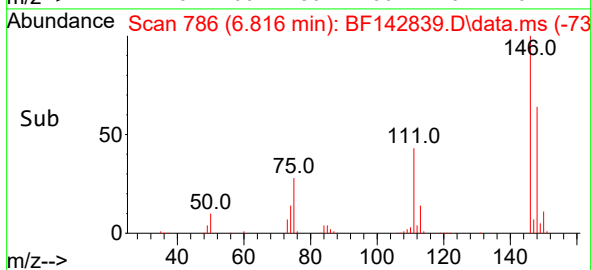
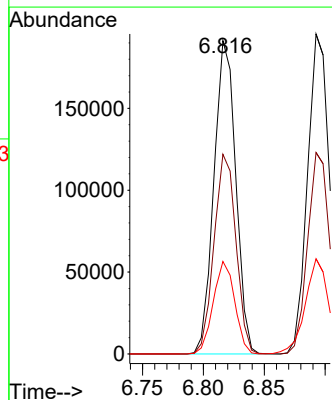
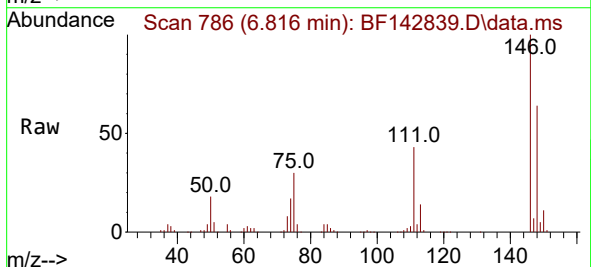
Instrument :
BNA_F
ClientSampleId :
PB168601BS

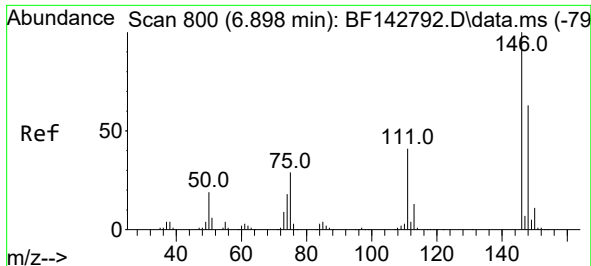
Tgt Ion: 93 Resp: 186285
Ion Ratio Lower Upper
93 100
63 78.9 60.3 100.3
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 43.433 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:146 Resp: 238490
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
75 29.5 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 43.918 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

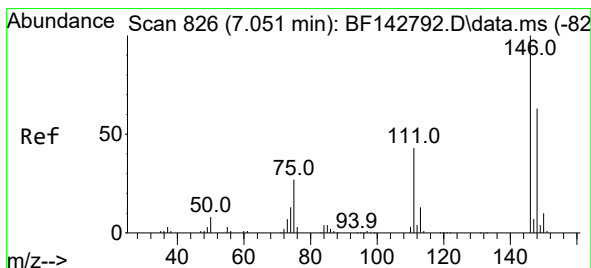
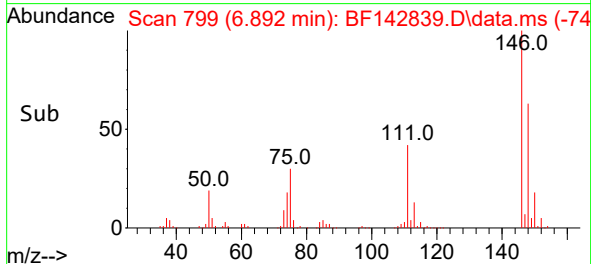
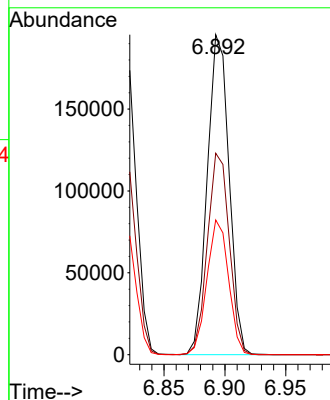
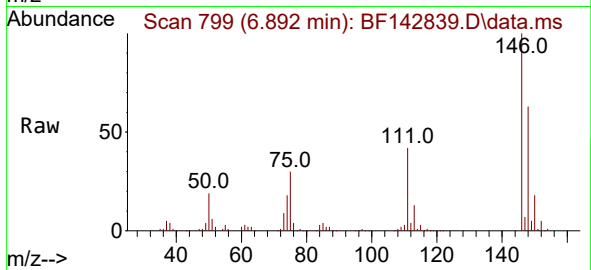
Tgt Ion:146 Resp: 243305

Ion Ratio Lower Upper

146 100

148 63.0 50.2 75.2

111 42.1 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 44.048 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

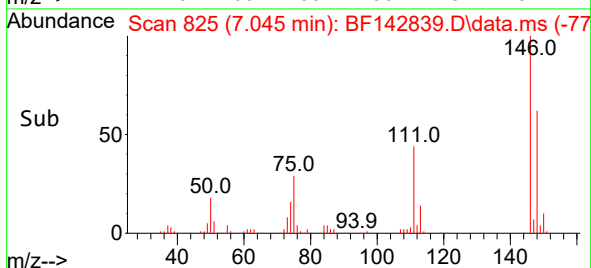
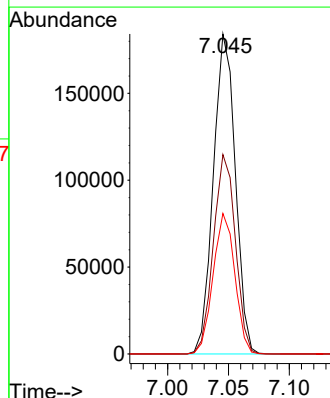
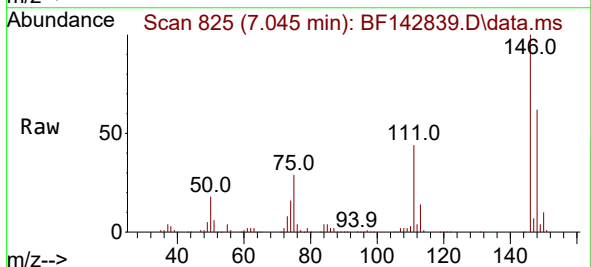
Tgt Ion:146 Resp: 231457

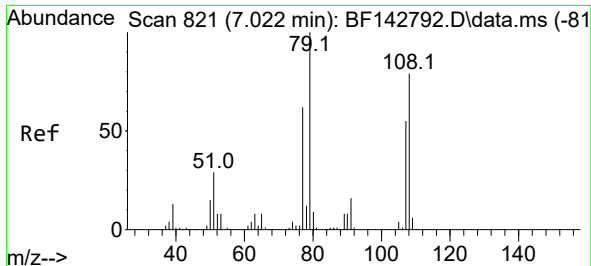
Ion Ratio Lower Upper

146 100

148 62.3 50.4 75.6

111 43.9 34.1 51.1

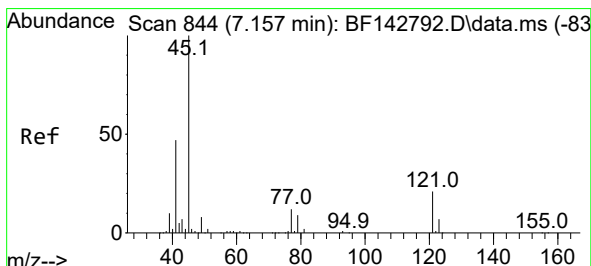
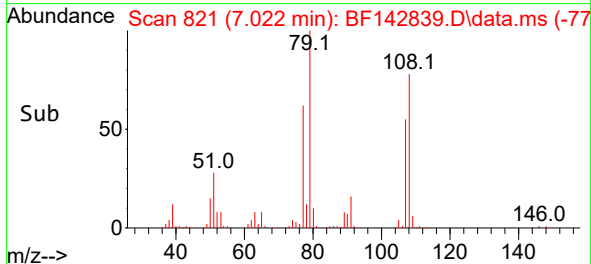
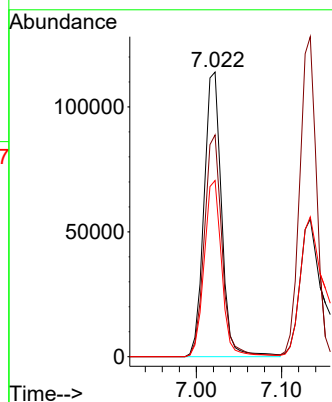
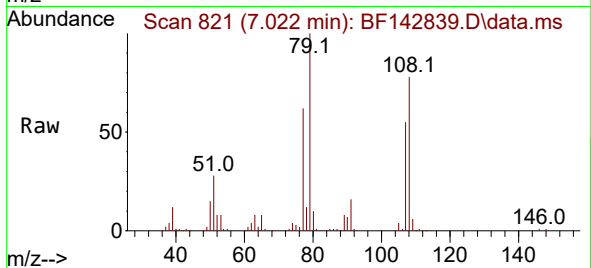




#15
Benzyl Alcohol
Concen: 41.977 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

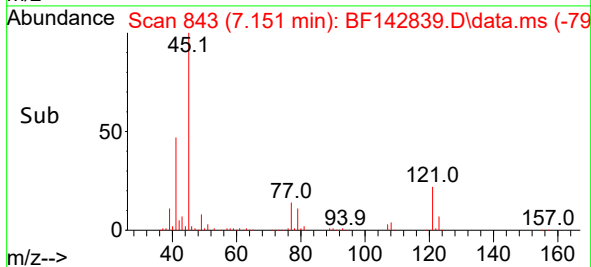
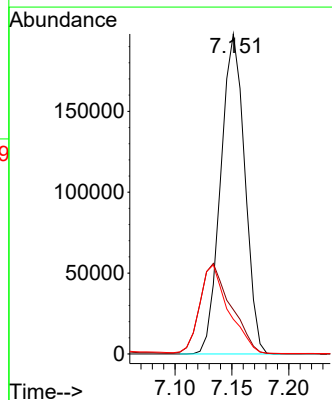
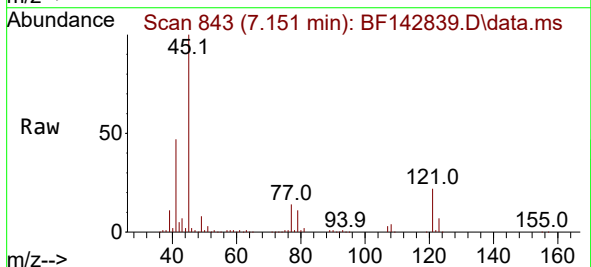
Instrument :
BNA_F
ClientSampleId :
PB168601BS

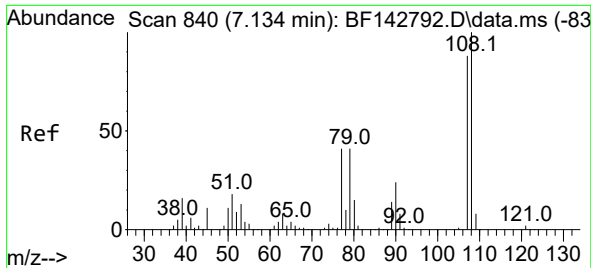
Tgt Ion: 79 Resp: 162957
Ion Ratio Lower Upper
79 100
108 77.9 63.4 95.0
77 61.9 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.514 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion: 45 Resp: 291399
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.8
79 10.8 0.0 29.8

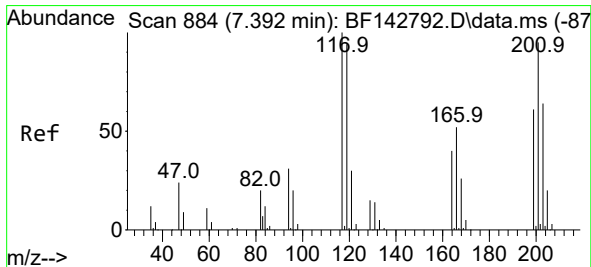
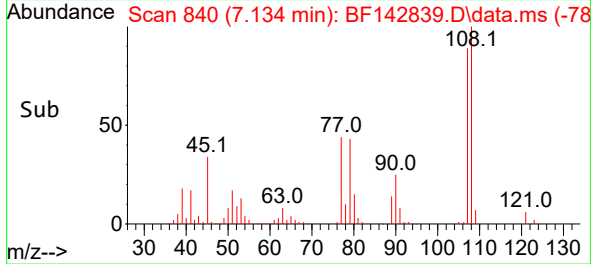
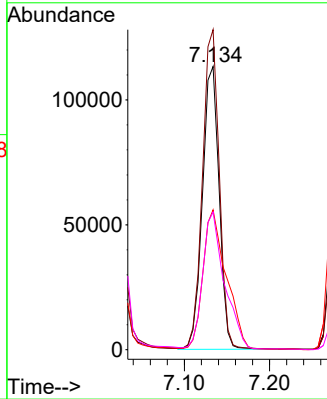
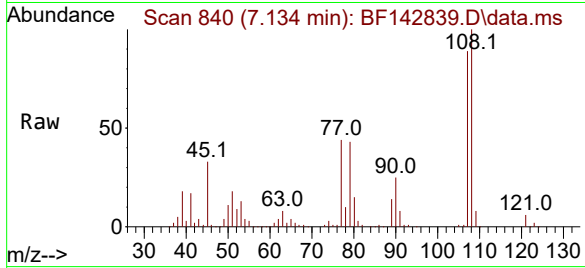




#17
2-Methylphenol
Concen: 41.547 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

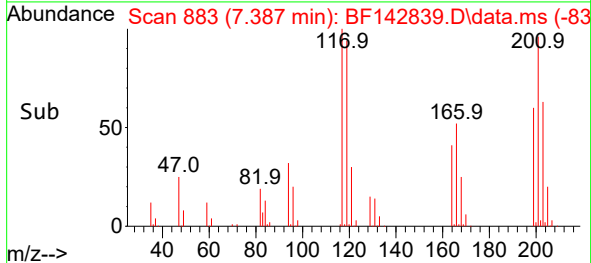
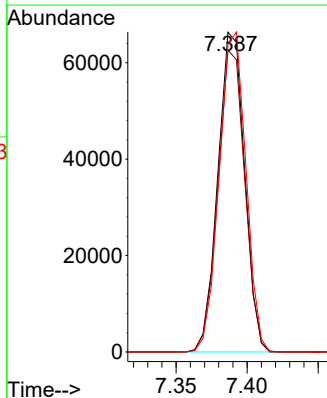
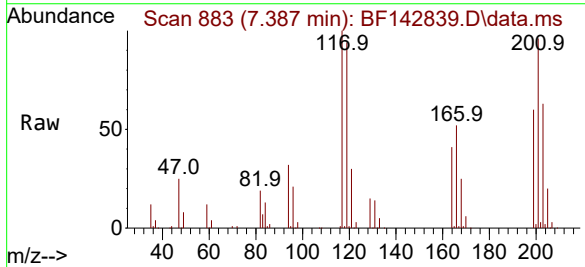
Instrument :
BNA_F
ClientSampleId :
PB168601BS

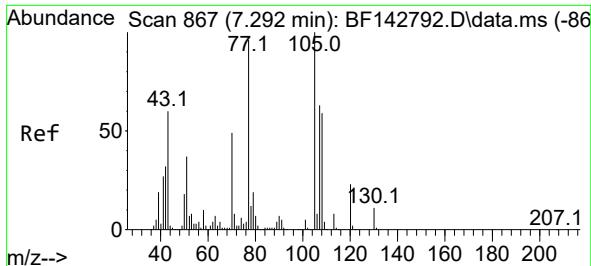
Tgt Ion:	107	Resp:	154584
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.9	136.3
77	49.4	37.3	55.9
79	48.6	37.2	55.8



#18
Hexachloroethane
Concen: 44.785 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:	117	Resp:	86781
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.4	113.0
201	96.1	75.9	113.9



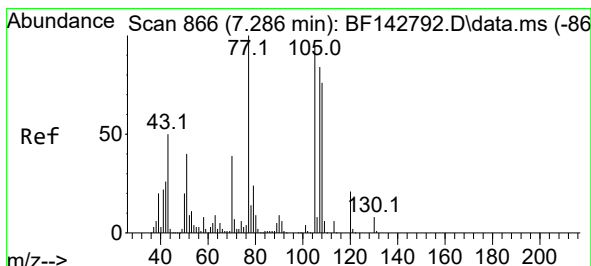
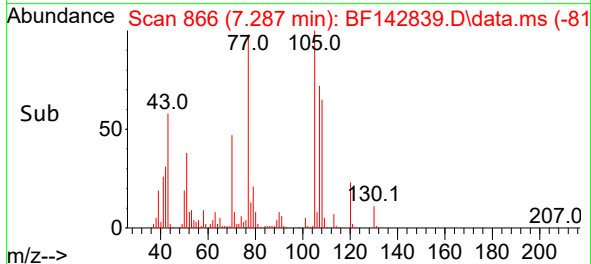
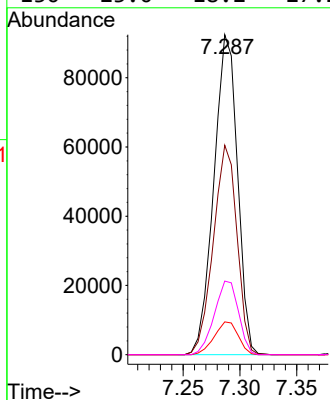
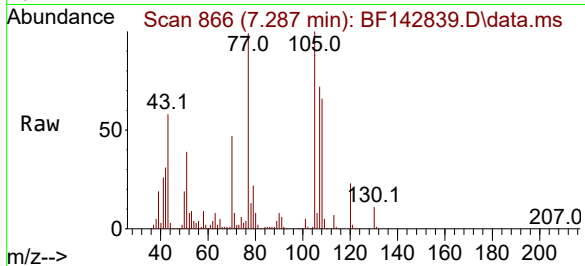


#19
n-Nitroso-di-n-propylamine
Concen: 42.827 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Instrument :
BNA_F
ClientSampleId :
PB168601BS

Tgt Ion: 70 Resp: 133756

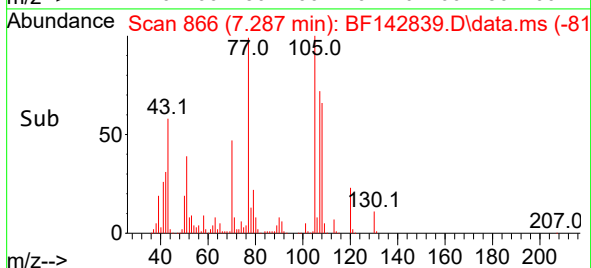
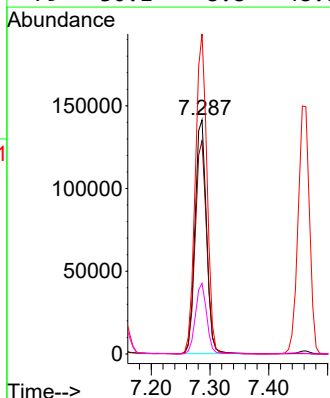
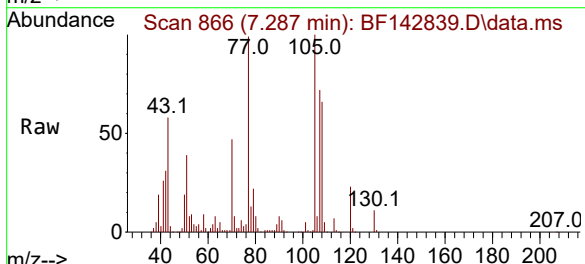
Ion	Ratio	Lower	Upper
70	100		
42	65.5	52.1	78.1
101	10.2	8.2	12.2
130	23.0	18.2	27.2

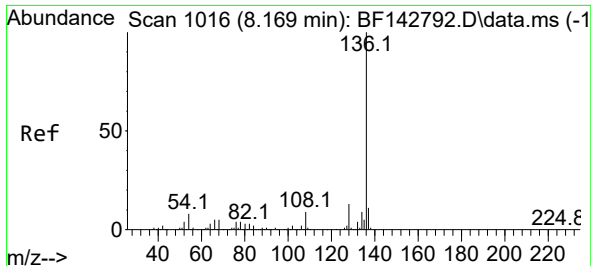


#20
3+4-Methylphenols
Concen: 41.251 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion: 107 Resp: 191364

Ion	Ratio	Lower	Upper
107	100		
108	91.1	70.0	110.0
77	136.7	98.5	138.5
79	30.1	8.8	48.8

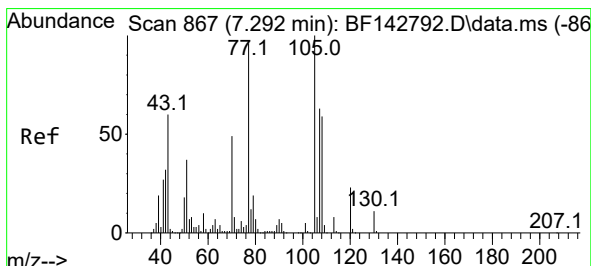
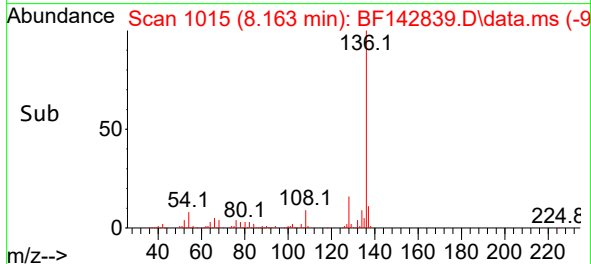
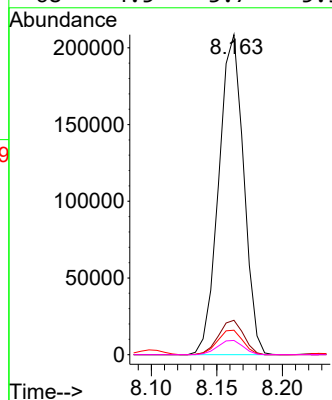
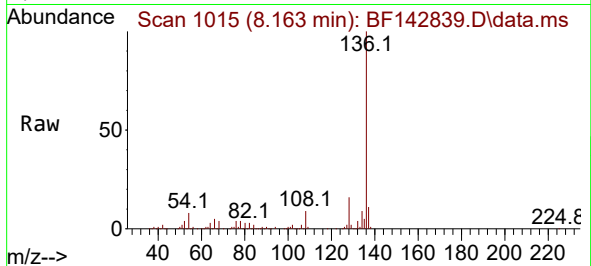




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

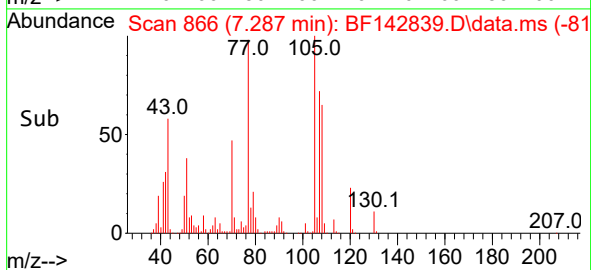
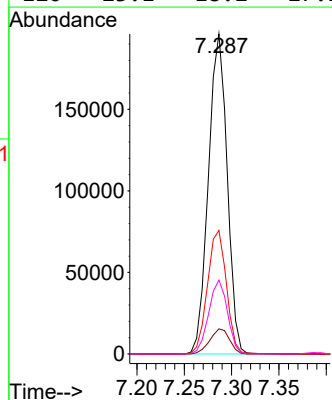
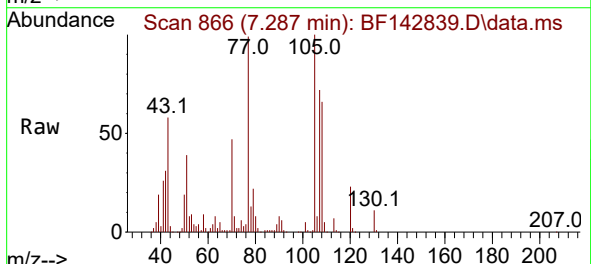
Instrument :
BNA_F
ClientSampleId :
PB168601BS

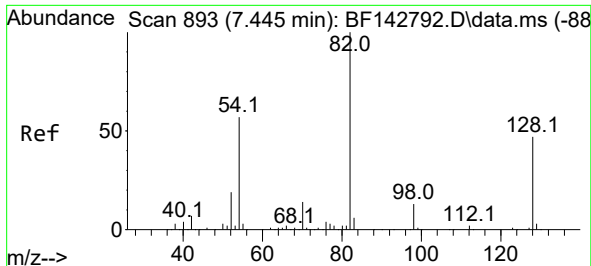
Tgt Ion:136 Resp: 274808
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.7 6.3 9.5
68 4.5 3.7 5.5



#22
Acetophenone
Concen: 44.614 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:105 Resp: 270364
Ion Ratio Lower Upper
105 100
71 7.9 6.5 9.7
51 38.6 29.8 44.8
120 23.1 18.2 27.2

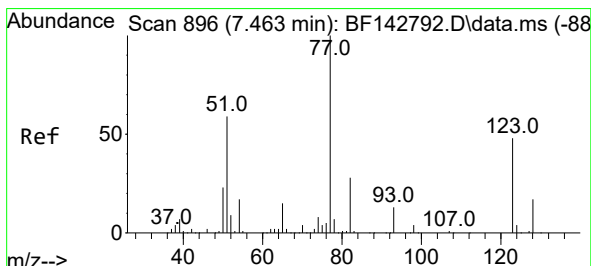
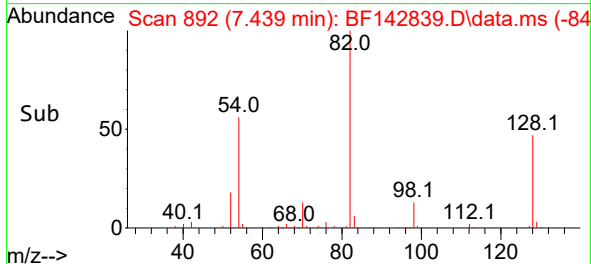
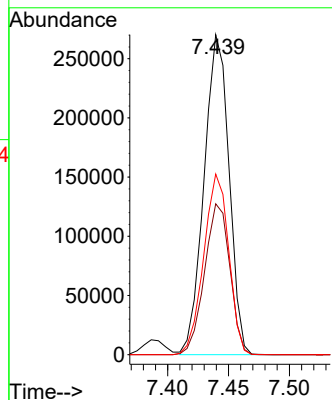
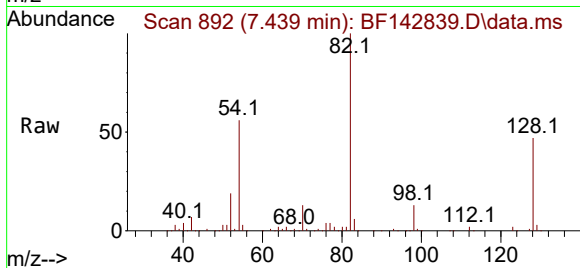




#23
Nitrobenzene-d5
Concen: 77.075 ng
RT: 7.439 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

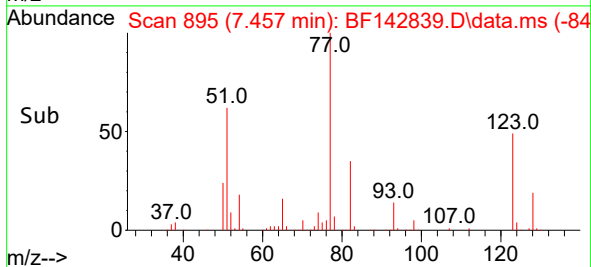
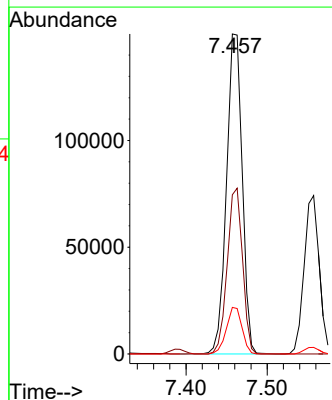
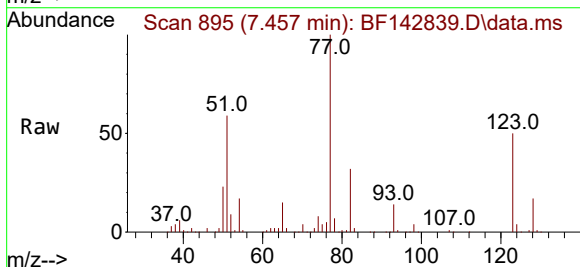
Instrument :
BNA_F
ClientSampleId :
PB168601BS

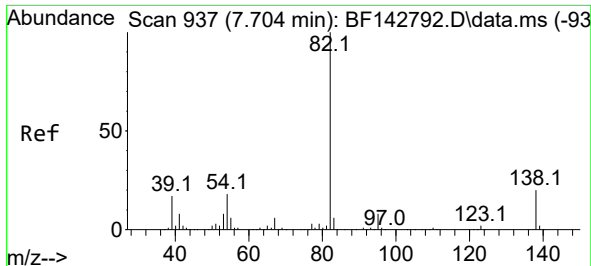
Tgt Ion: 82 Resp: 386152
Ion Ratio Lower Upper
82 100
128 47.2 37.7 56.5
54 56.5 45.7 68.5



#24
Nitrobenzene
Concen: 44.544 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion: 77 Resp: 201988
Ion Ratio Lower Upper
77 100
123 49.7 39.2 58.8
65 14.5 11.6 17.4

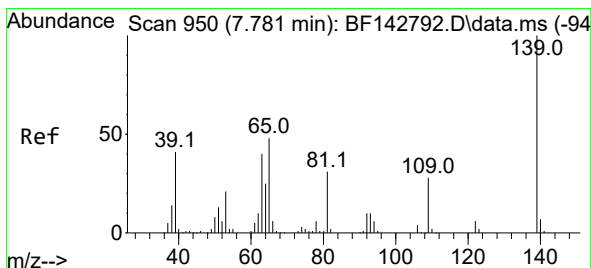
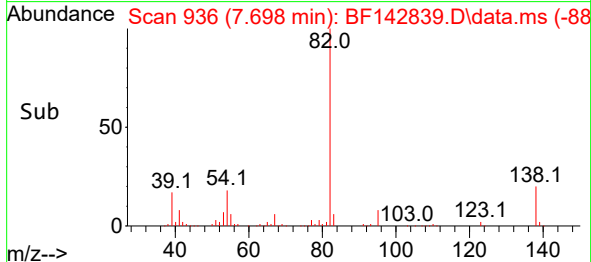
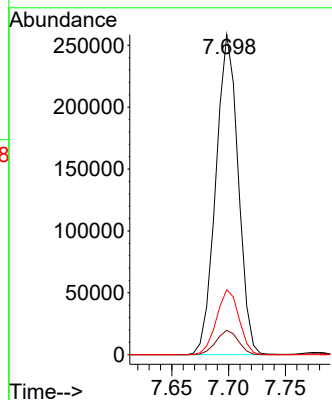
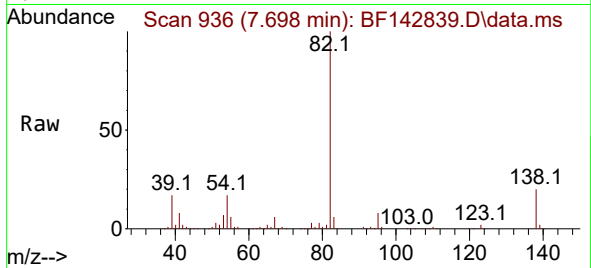




#25
Isophorone
Concen: 44.101 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

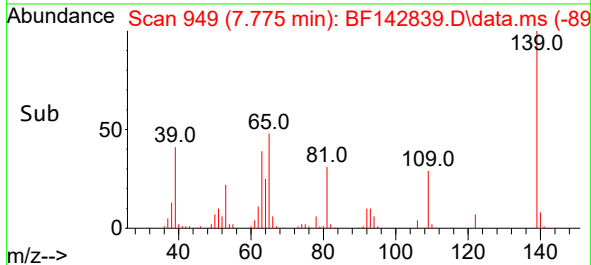
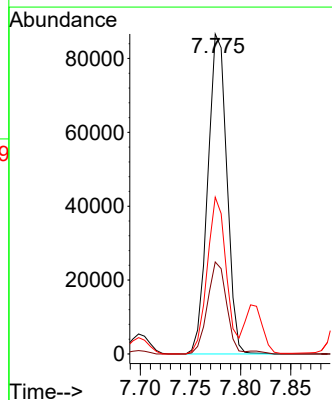
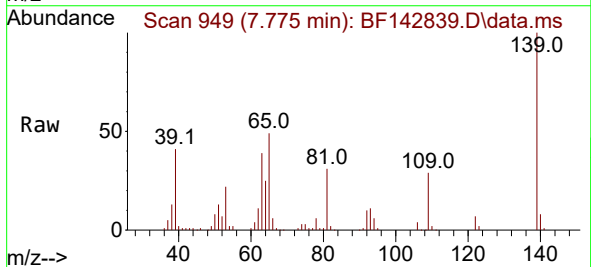
Instrument :
BNA_F
ClientSampleId :
PB168601BS

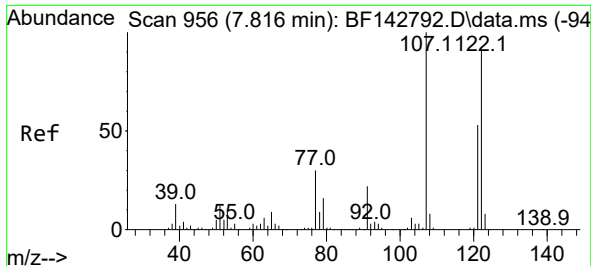
Tgt Ion: 82 Resp: 354436
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 20.3 16.2 24.4



#26
2-Nitrophenol
Concen: 46.450 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:139 Resp: 114740
Ion Ratio Lower Upper
139 100
109 28.8 22.7 34.1
65 49.0 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.978 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

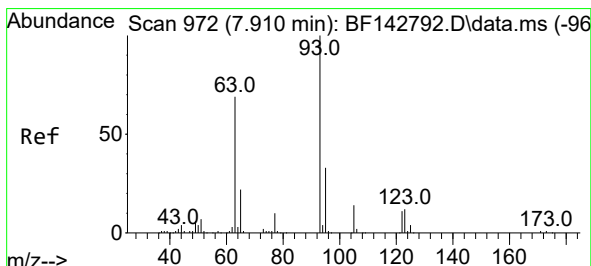
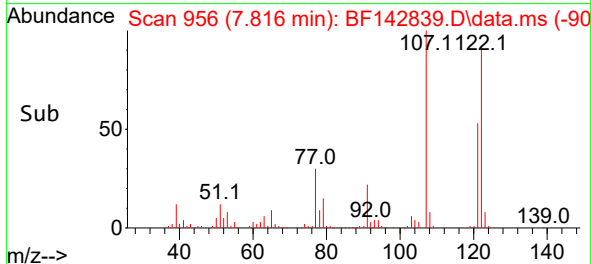
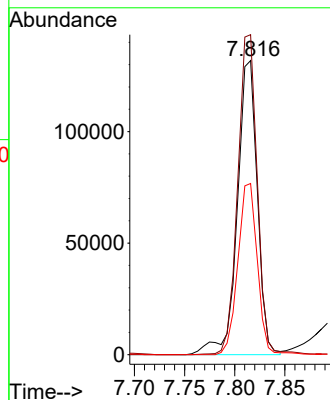
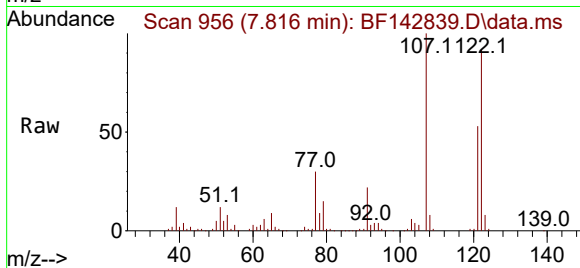
Tgt Ion:122 Resp: 183895

Ion Ratio Lower Upper

122 100

107 108.8 88.0 132.0

121 58.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.411 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

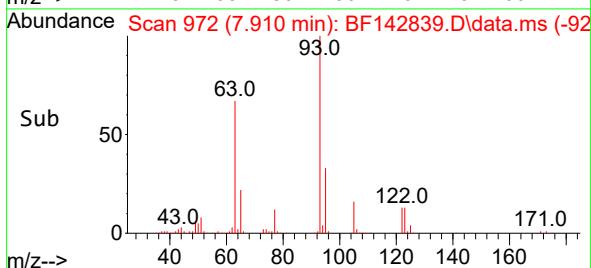
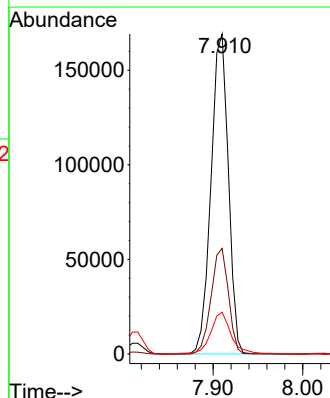
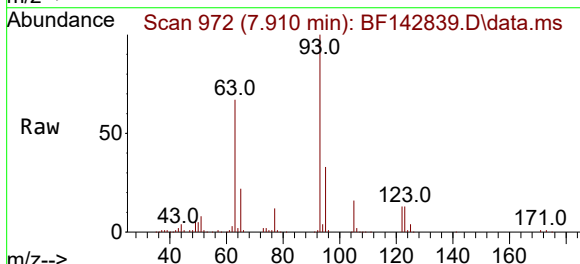
Tgt Ion: 93 Resp: 226918

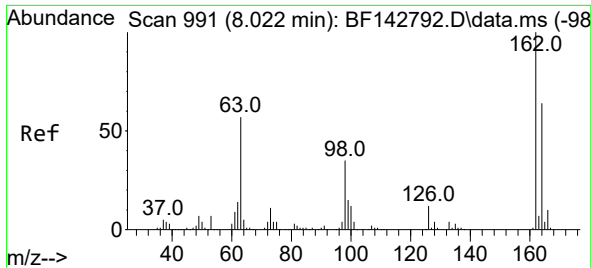
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 13.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.179 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

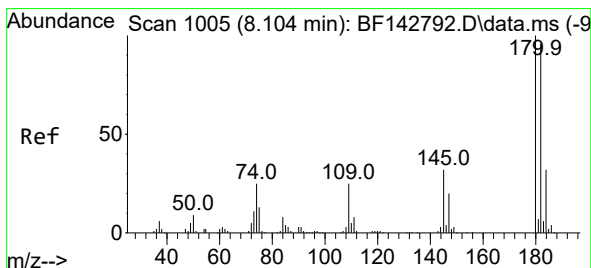
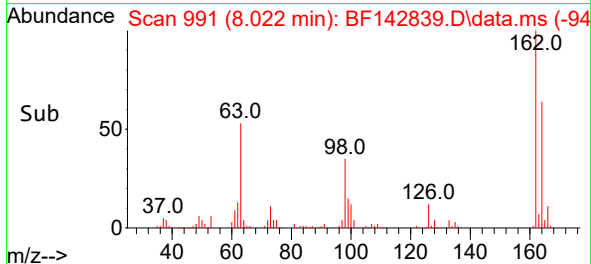
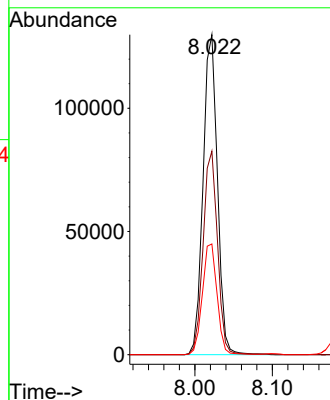
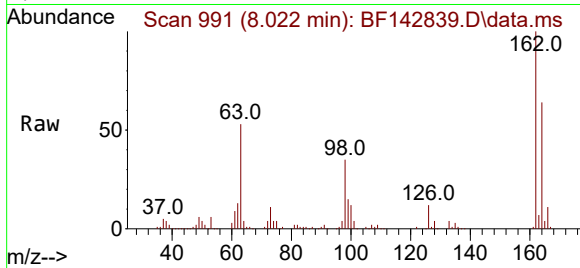
Tgt Ion:162 Resp: 167520

Ion Ratio Lower Upper

162 100

164 63.6 44.0 84.0

98 34.6 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 45.168 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

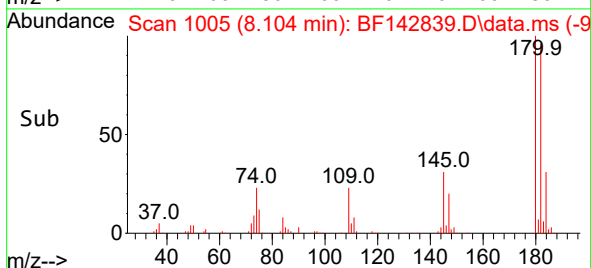
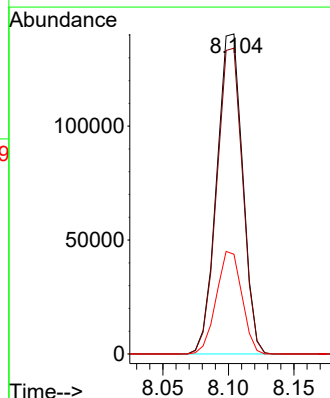
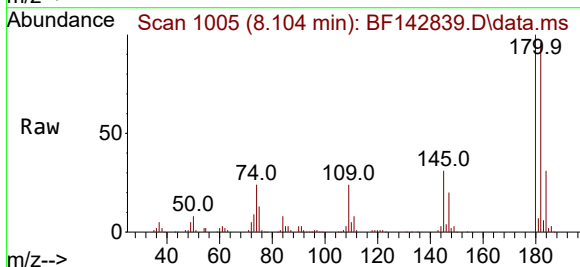
Tgt Ion:180 Resp: 192694

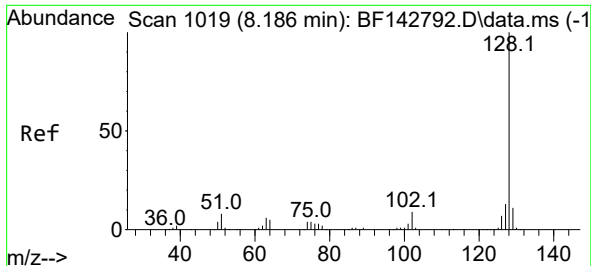
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 31.2 25.8 38.8

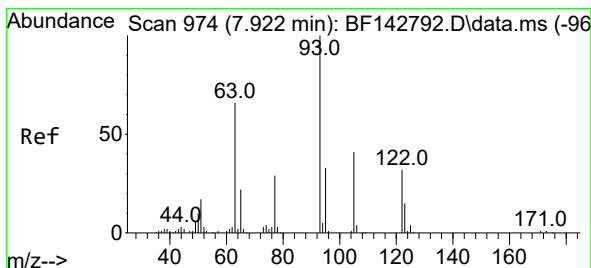
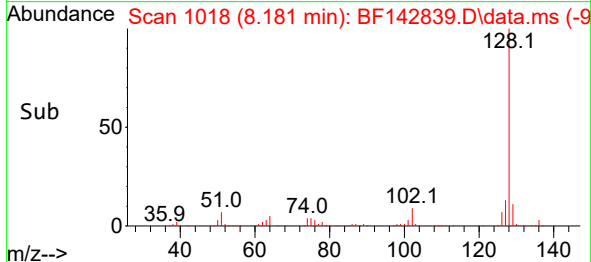
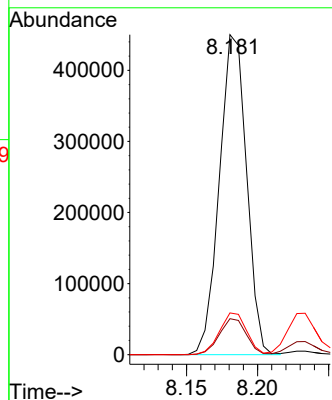
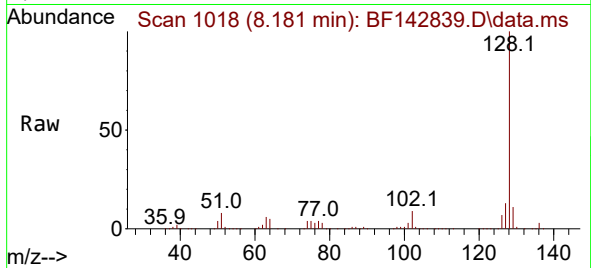




#31
Naphthalene
Concen: 44.578 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

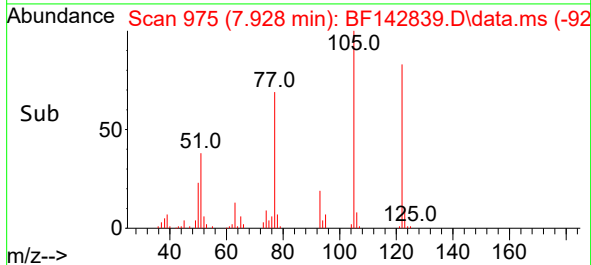
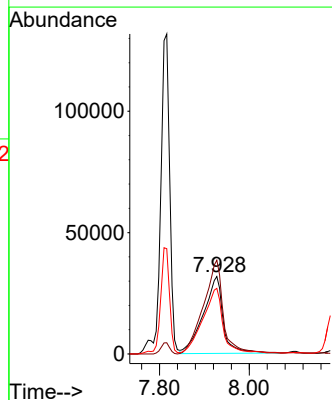
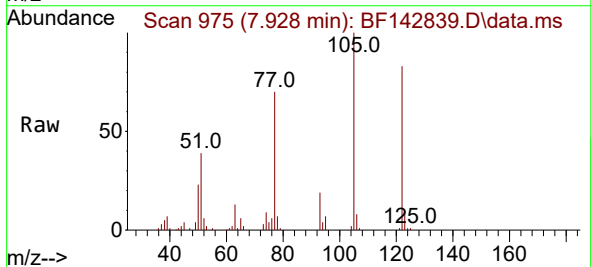
Instrument :
BNA_F
ClientSampleId :
PB168601BS

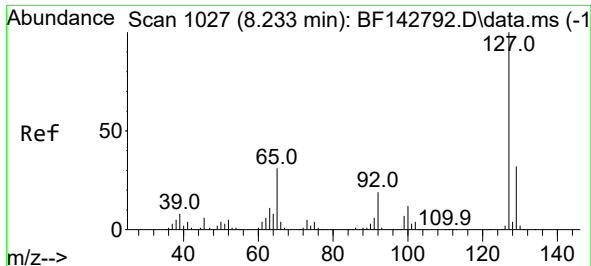
Tgt Ion:128 Resp: 599634
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 44.876 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:122 Resp: 97867
Ion Ratio Lower Upper
122 100
105 121.1 104.7 144.7
77 84.8 70.2 110.2

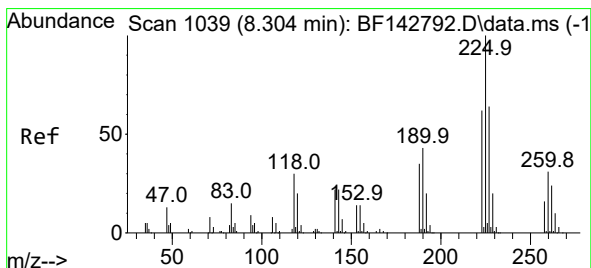
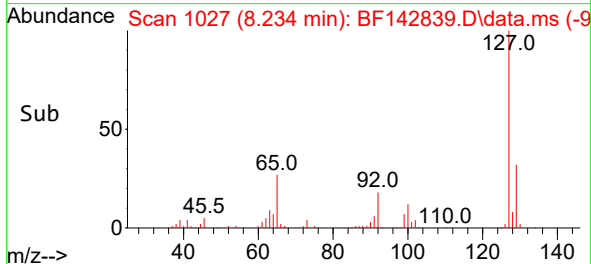
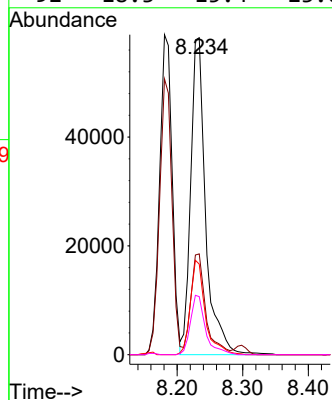
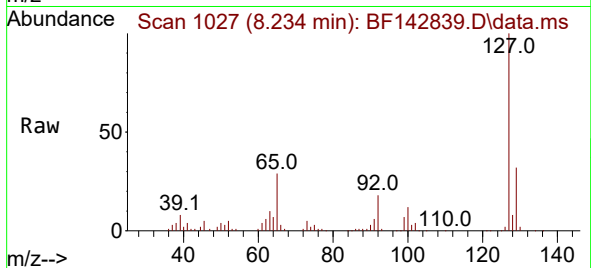




#33
4-Chloroaniline
Concen: 16.964 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

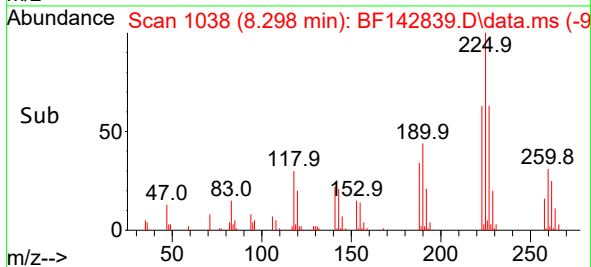
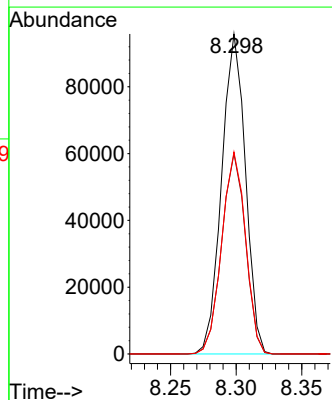
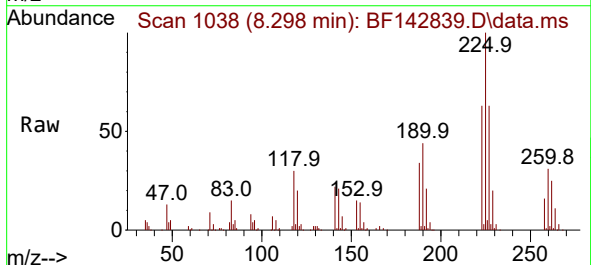
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BNA_F
ClientSampleId :
PB168601BS

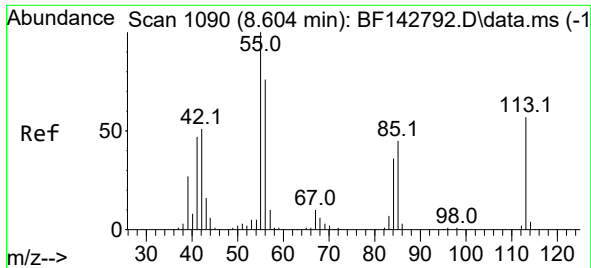
Tgt Ion:127	Resp:	92787
Ion Ratio	Lower	Upper
127	100	
129	31.8	25.9 38.9
65	28.6	24.6 36.8
92	18.3	15.4 23.0



#34
Hexachlorobutadiene
Concen: 46.269 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:225	Resp:	120739
Ion Ratio	Lower	Upper
225	100	
223	62.5	49.9 74.9
227	63.1	51.4 77.0

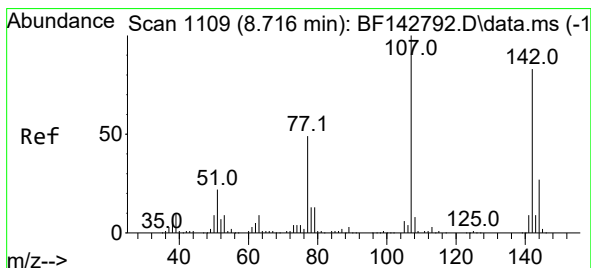
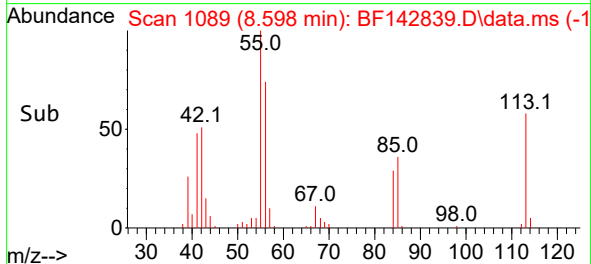
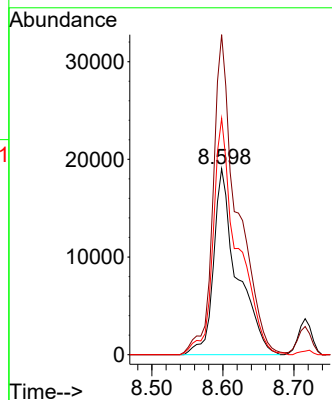
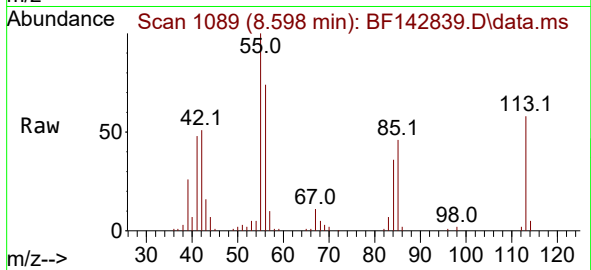




#35
 Caprolactam
 Concen: 42.830 ng
 RT: 8.598 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: BF142839.D
 Acq: 25 Jun 2025 15:57

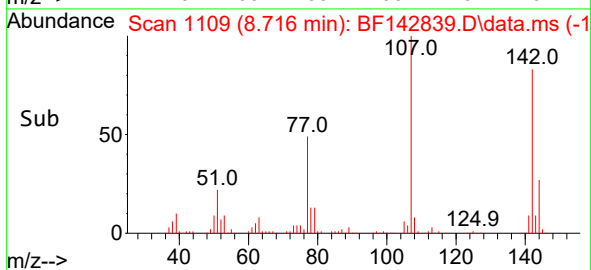
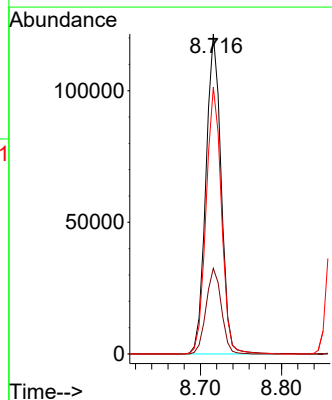
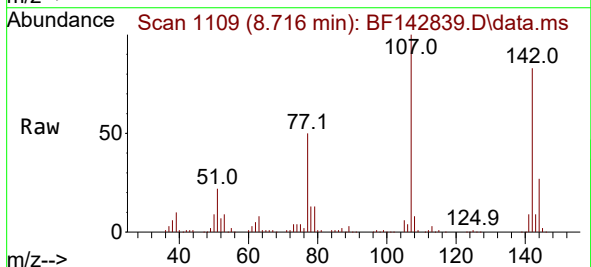
Instrument :
 BNA_F
 ClientSampleId :
 PB168601BS

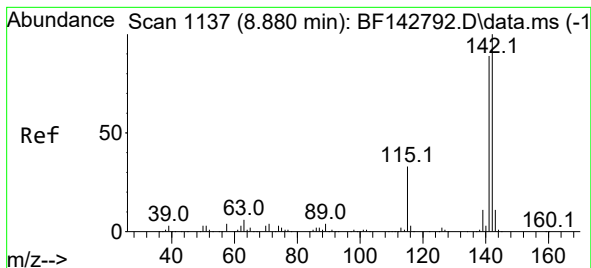
Tgt Ion:113 Resp: 43848
 Ion Ratio Lower Upper
 113 100
 55 172.1 154.4 194.4
 56 127.2 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.867 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142839.D
 Acq: 25 Jun 2025 15:57

Tgt Ion:107 Resp: 157573
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.3 31.9
 142 83.4 66.6 100.0





#37

2-Methylnaphthalene

Concen: 43.440 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

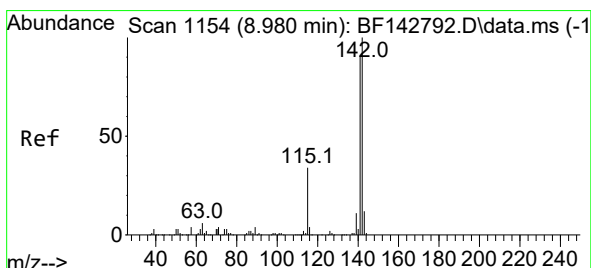
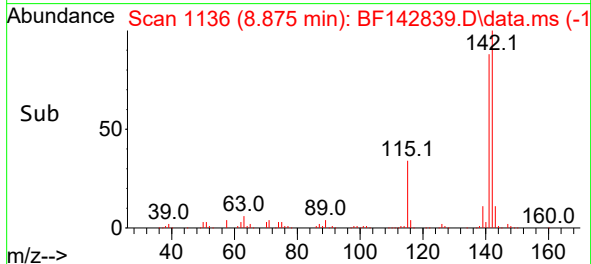
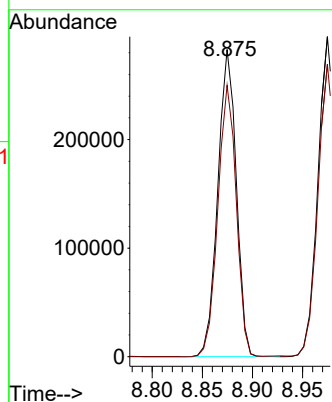
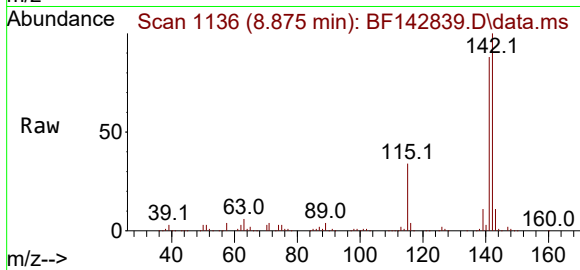
PB168601BS

Tgt Ion:142 Resp: 362264

Ion Ratio Lower Upper

142 100

141 88.4 70.9 106.3



#38

1-Methylnaphthalene

Concen: 43.258 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142839.D

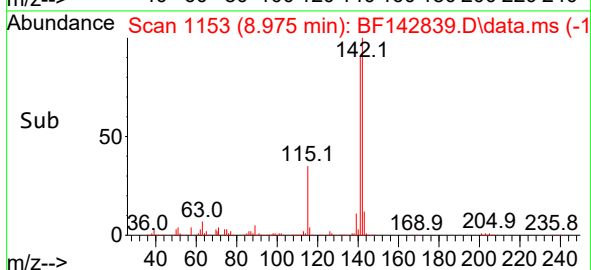
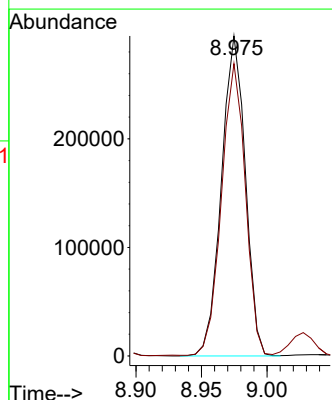
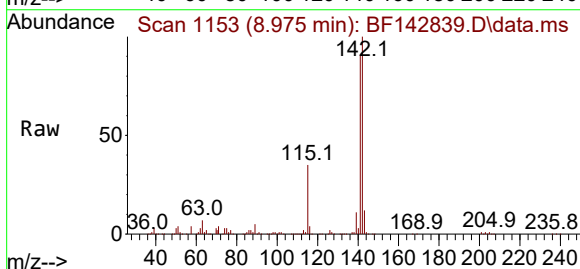
Acq: 25 Jun 2025 15:57

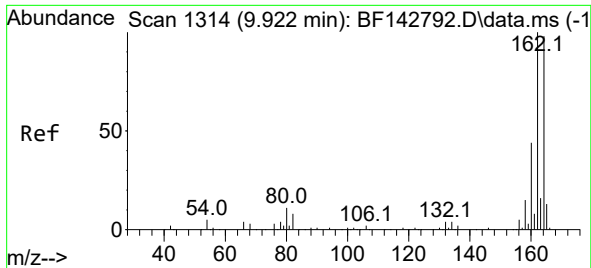
Tgt Ion:142 Resp: 373442

Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.4

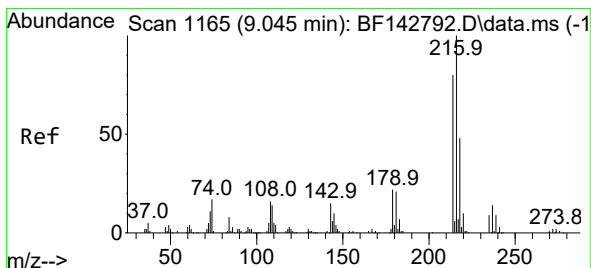
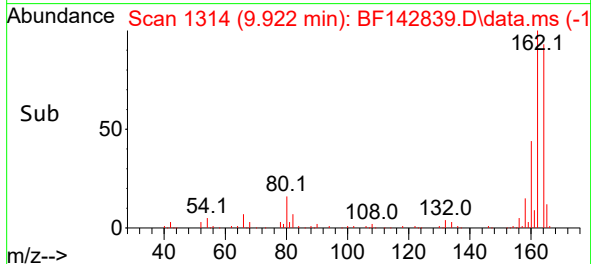
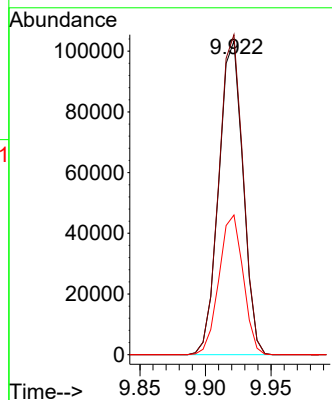
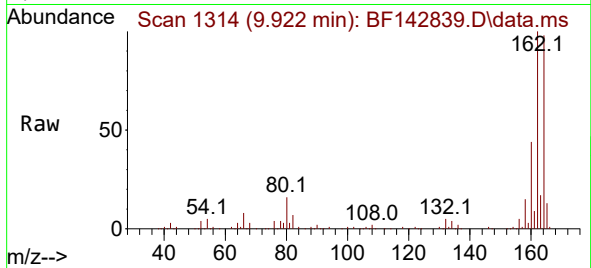




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

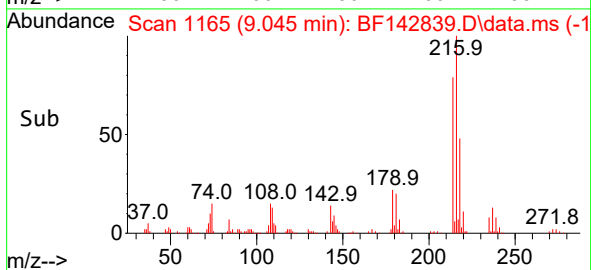
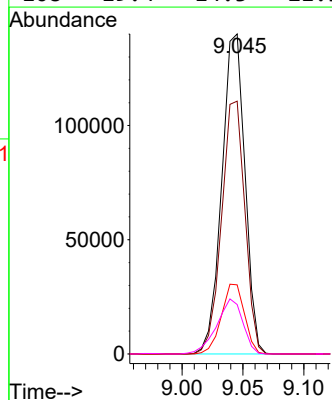
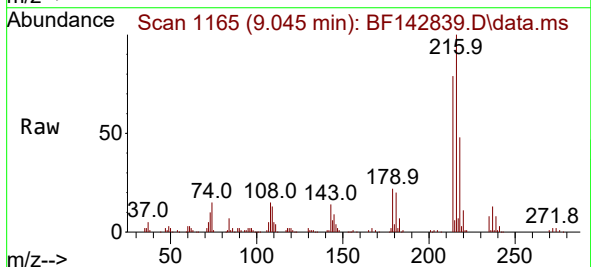
Instrument :
BNA_F
ClientSampleId :
PB168601BS

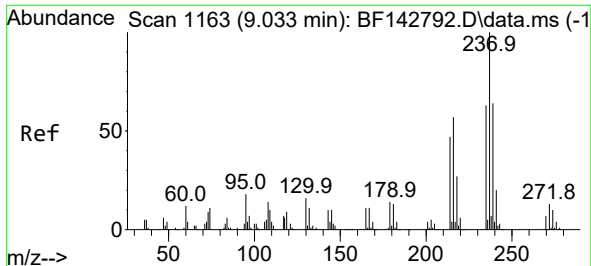
Tgt Ion:164 Resp: 132637
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.8
160 44.5 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.400 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:216 Resp: 185507
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 21.8 17.6 26.4
108 19.4 14.3 21.5

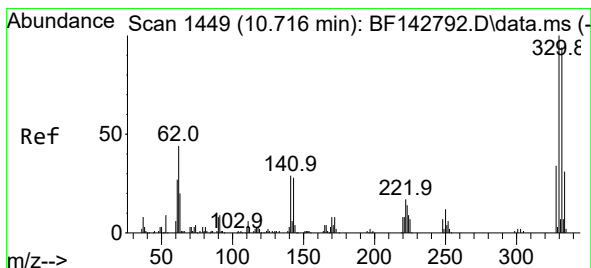
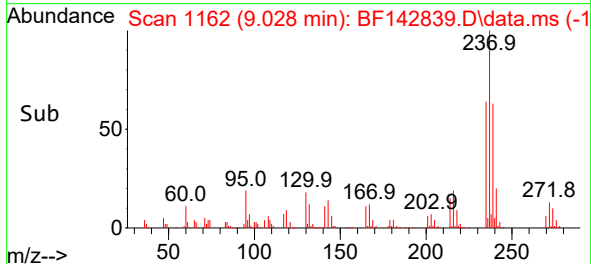
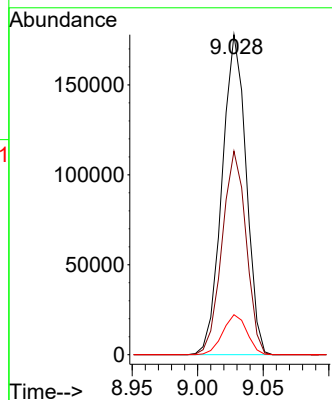
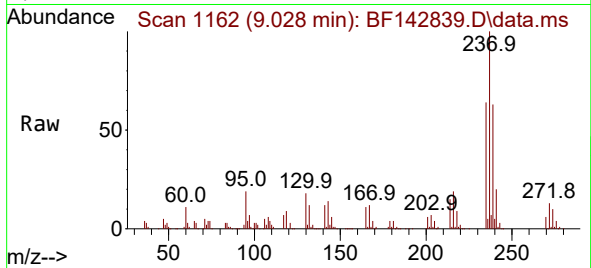




#41
Hexachlorocyclopentadiene
Concen: 102.091 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

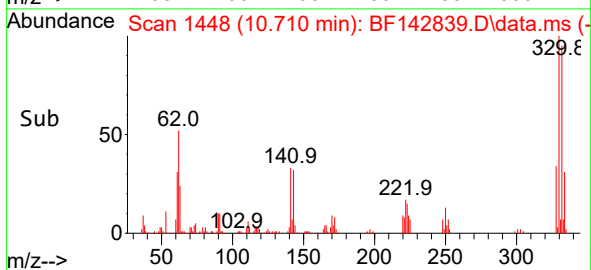
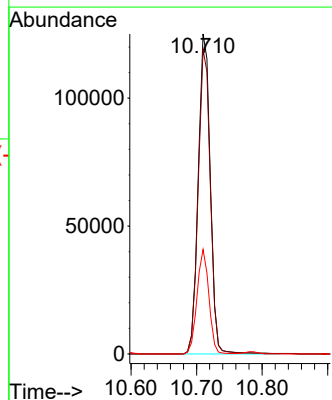
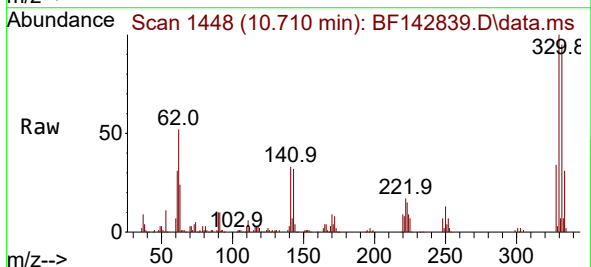
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BNA_F
ClientSampleId :
PB168601BS

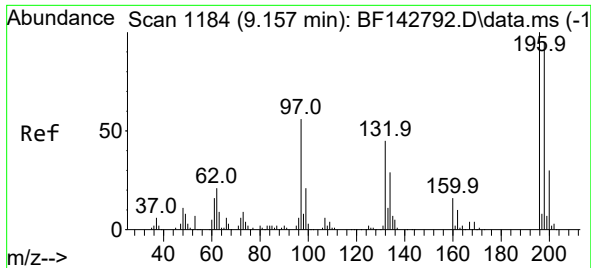
Tgt Ion:237 Resp: 226737
Ion Ratio Lower Upper
237 100
235 63.6 43.4 83.4
272 12.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 118.032 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:330 Resp: 161105
Ion Ratio Lower Upper
330 100
332 95.8 75.0 112.6
141 31.8 25.3 37.9

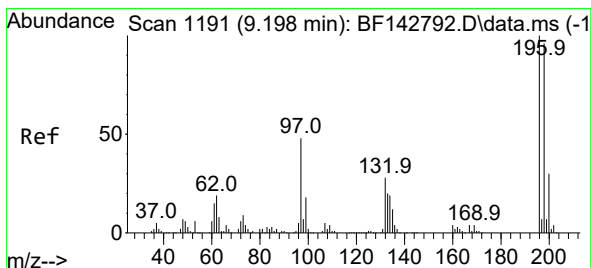
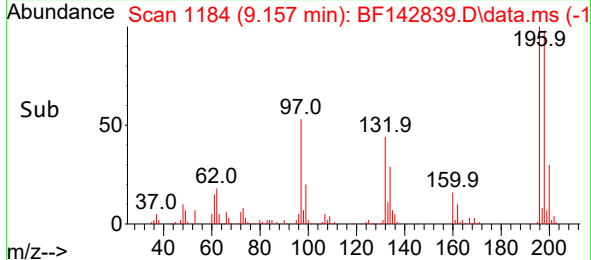
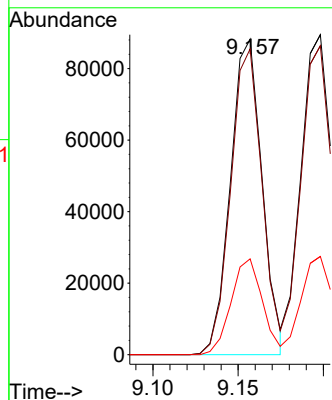
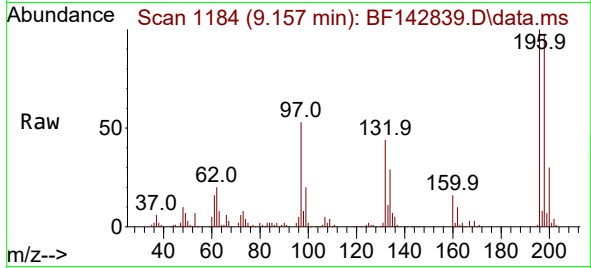




#43
2,4,6-Trichlorophenol
Concen: 44.668 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

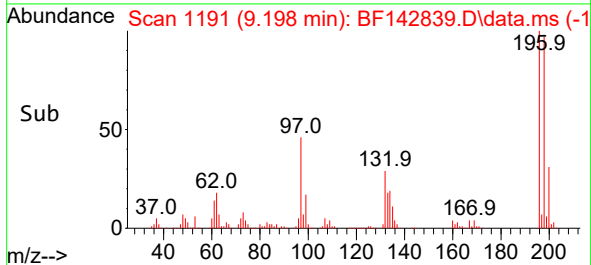
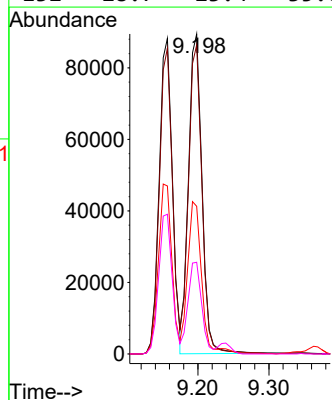
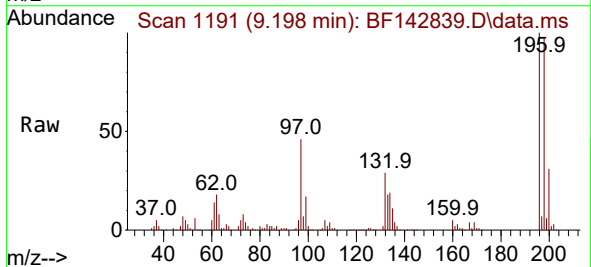
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BNA_F
ClientSampleId :
PB168601BS

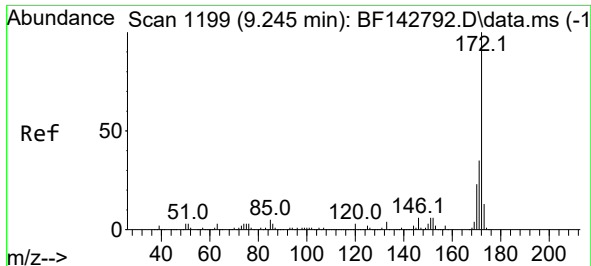
Tgt Ion:196 Resp: 113915
Ion Ratio Lower Upper
196 100
198 96.9 76.2 114.2
200 30.4 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 44.064 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:196 Resp: 118294
Ion Ratio Lower Upper
196 100
198 96.5 76.6 115.0
97 46.2 38.2 57.2
132 28.7 23.4 35.0

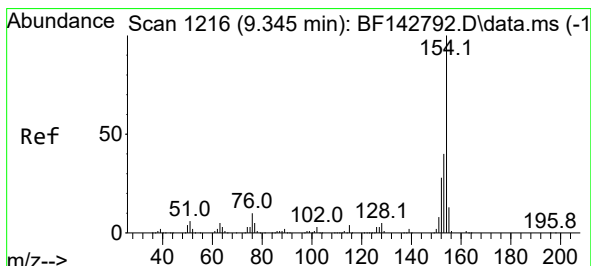
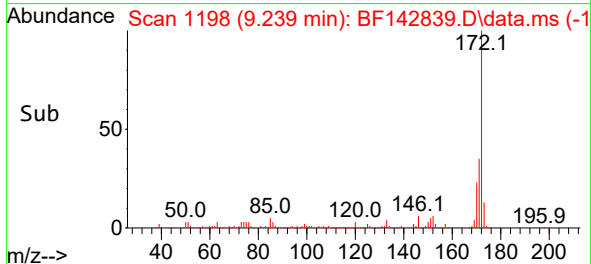
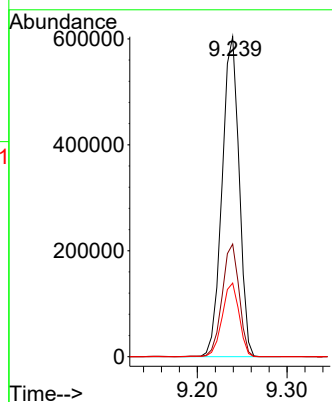
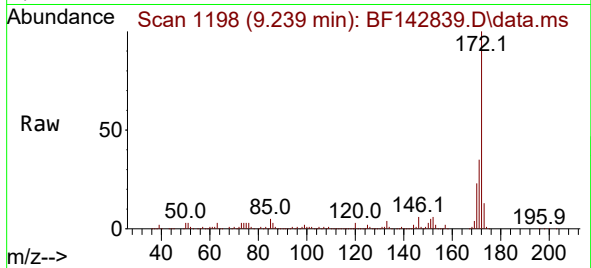




#45
2-Fluorobiphenyl
Concen: 78.840 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

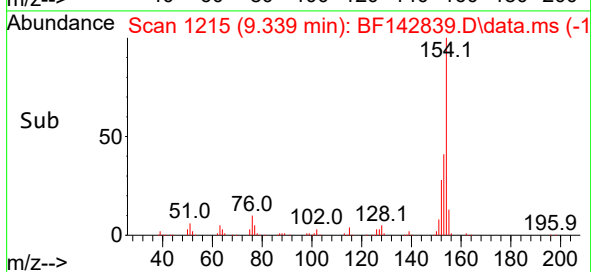
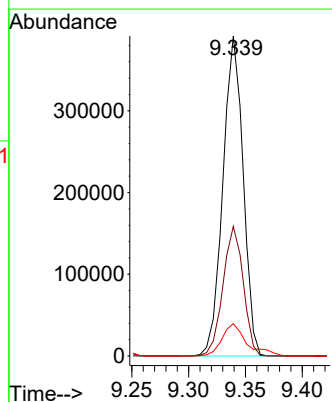
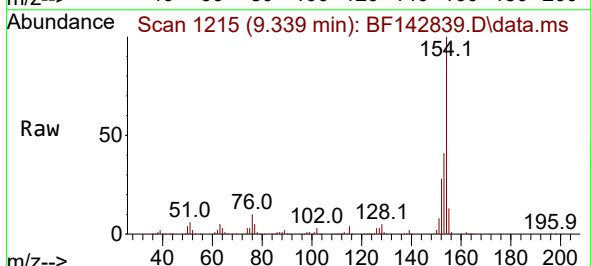
Instrument :
BNA_F
ClientSampleId :
PB168601BS

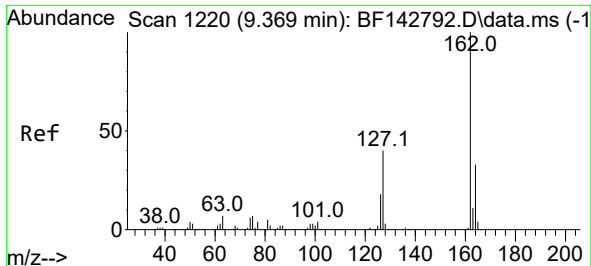
Tgt Ion:172 Resp: 796019
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.0 18.5 27.7



#46
1,1'-Biphenyl
Concen: 46.291 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:154 Resp: 485020
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 10.1 0.0 30.3





#47

2-Chloronaphthalene

Concen: 45.225 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

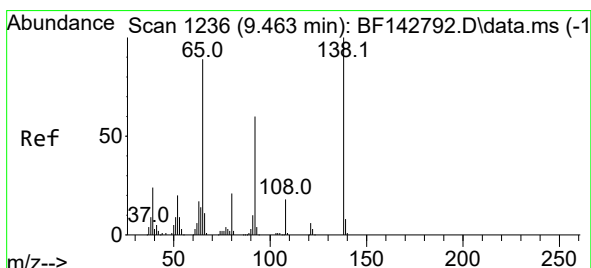
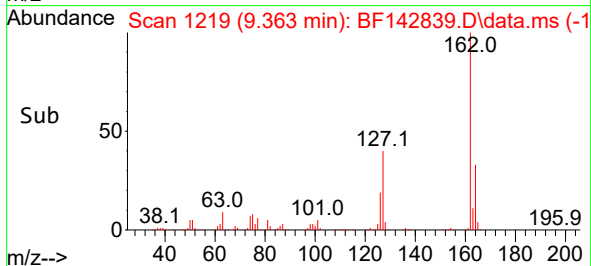
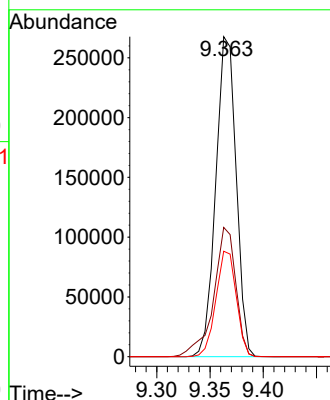
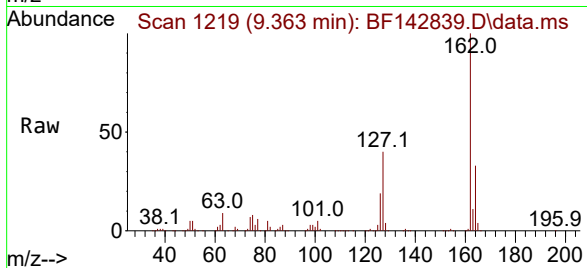
Tgt Ion:162 Resp: 355587

Ion Ratio Lower Upper

162 100

127 40.4 32.2 48.2

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 43.388 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

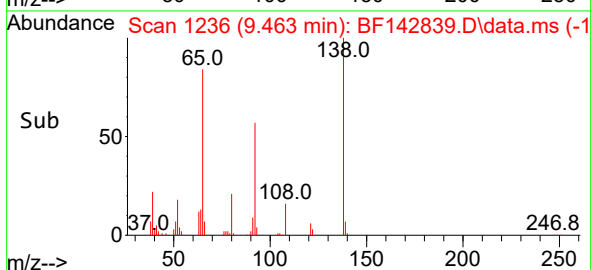
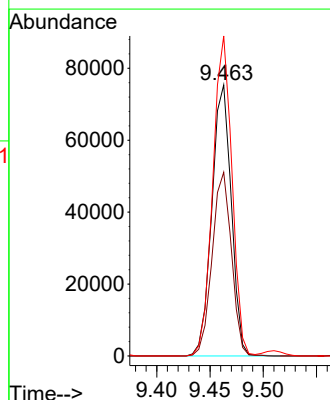
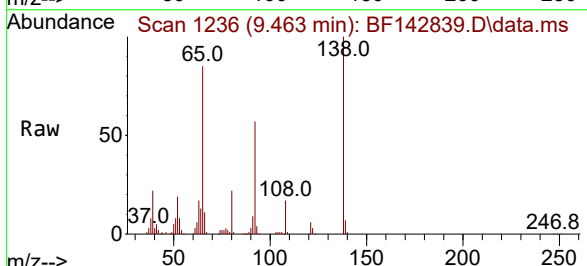
Tgt Ion: 65 Resp: 95641

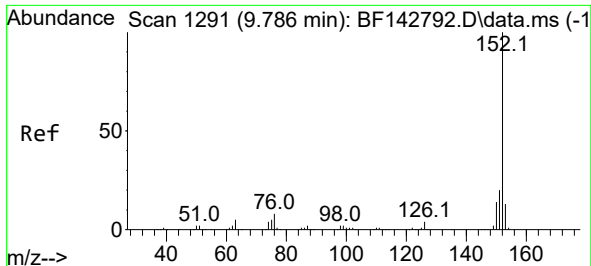
Ion Ratio Lower Upper

65 100

92 67.8 53.8 80.6

138 118.1 89.6 134.4

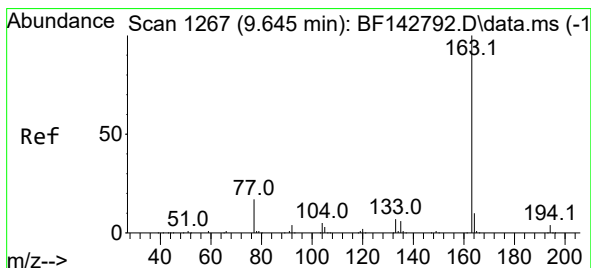
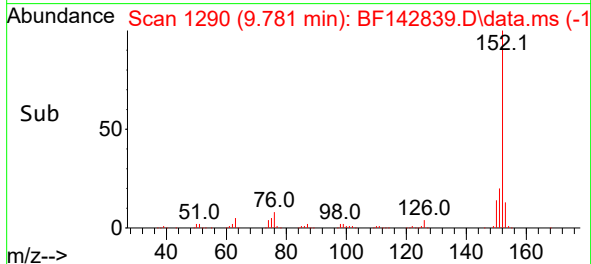
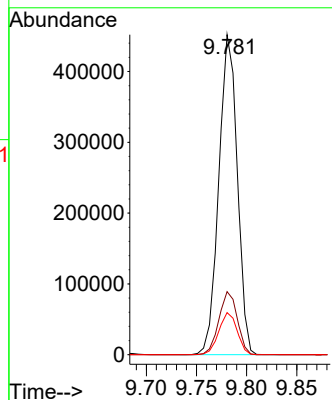
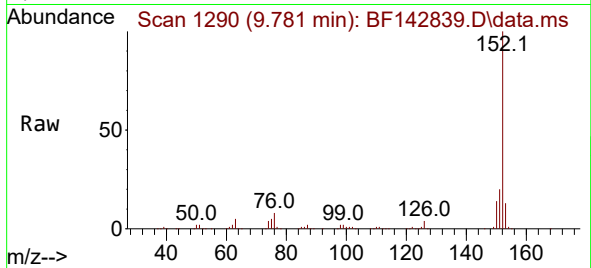




#49
Acenaphthylene
Concen: 44.692 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

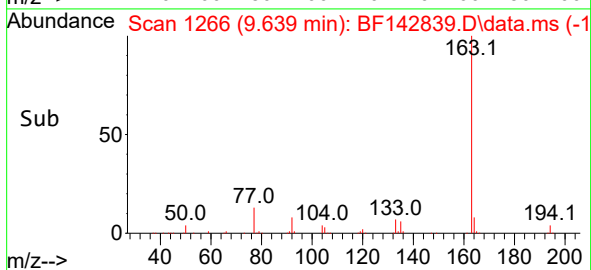
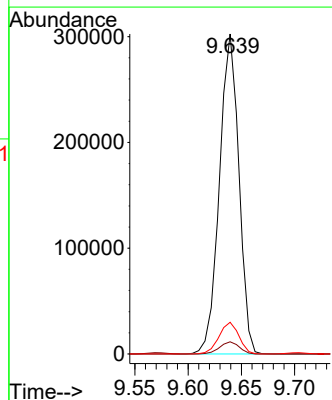
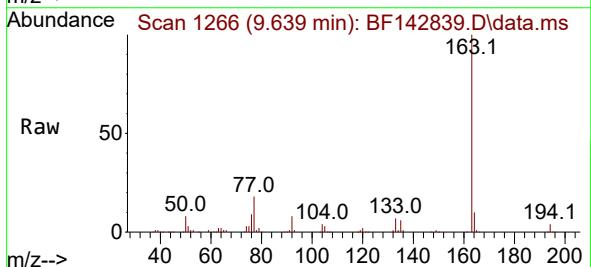
Instrument :
BNA_F
ClientSampleId :
PB168601BS

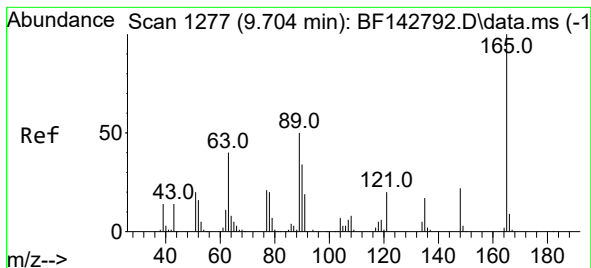
Tgt Ion:152 Resp: 578483
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 44.681 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:163 Resp: 383618
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.9 8.0 12.0

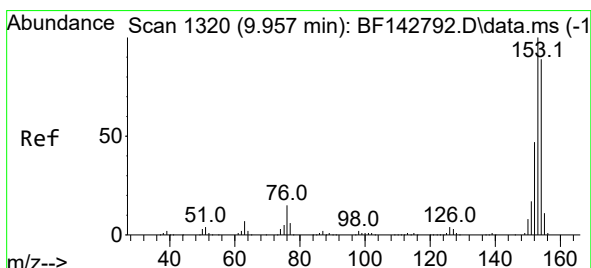
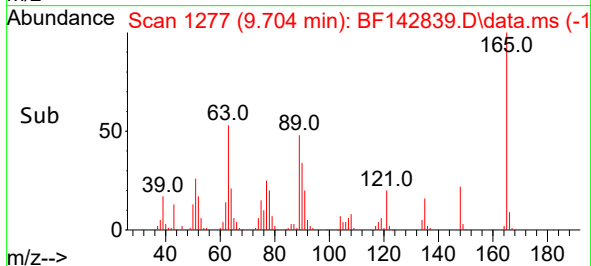
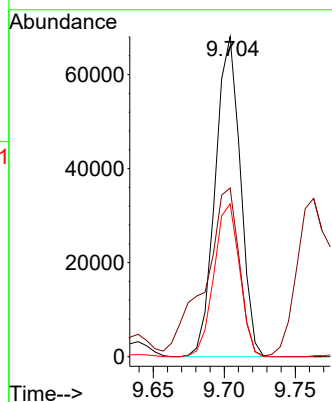
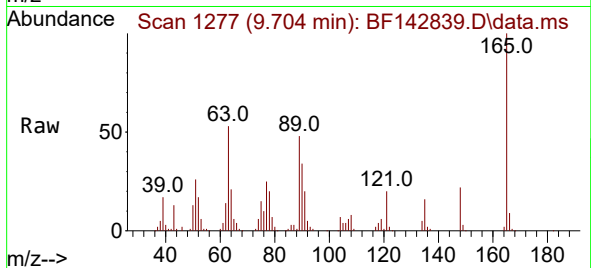




#51
2,6-Dinitrotoluene
Concen: 44.233 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

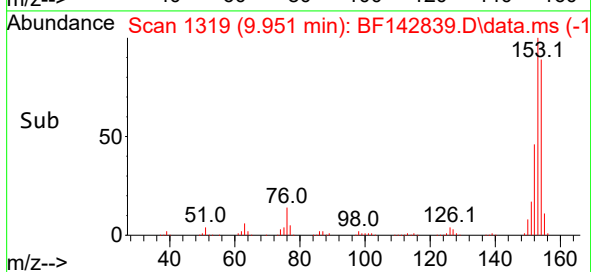
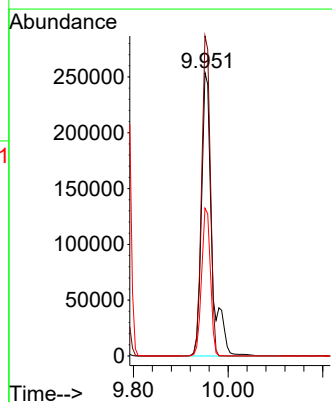
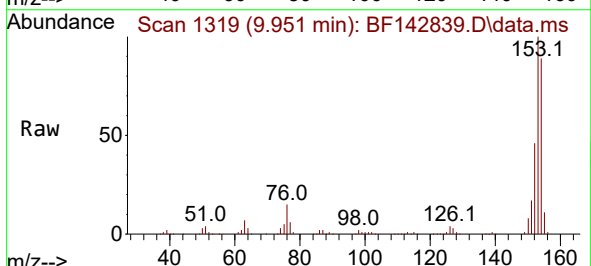
Instrument :
BNA_F
ClientSampleId :
PB168601BS

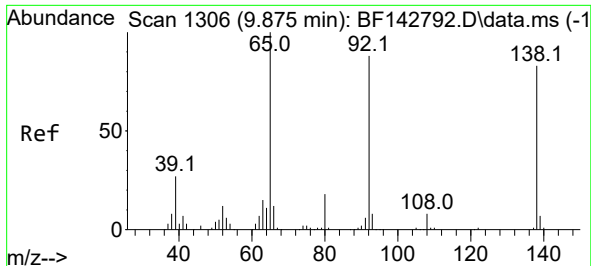
Tgt Ion:165 Resp: 83401
Ion Ratio Lower Upper
165 100
63 52.7 44.2 66.4
89 47.7 39.8 59.8



#52
Acenaphthene
Concen: 48.914 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:154 Resp: 386282
Ion Ratio Lower Upper
154 100
153 113.0 90.0 135.0
152 52.2 41.9 62.9

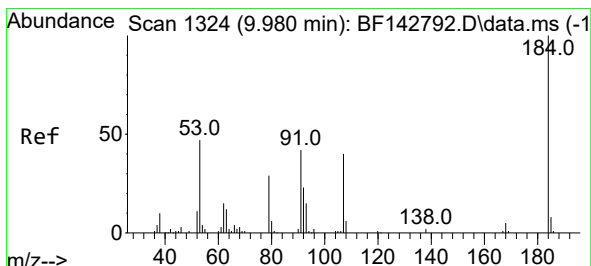
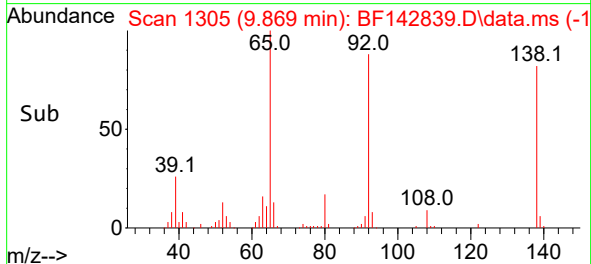
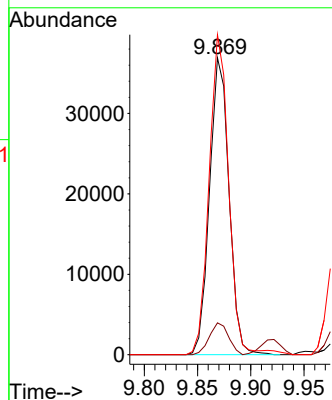
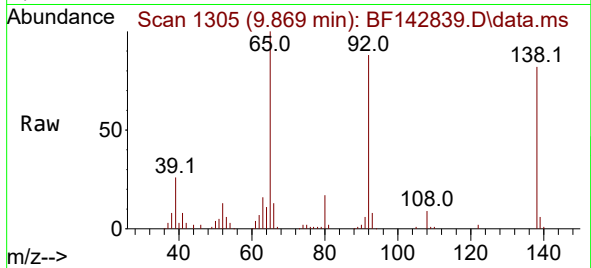




#53
3-Nitroaniline
Concen: 22.656 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

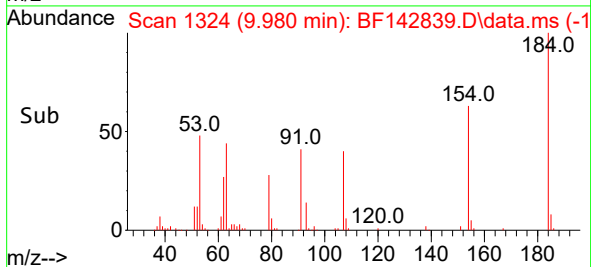
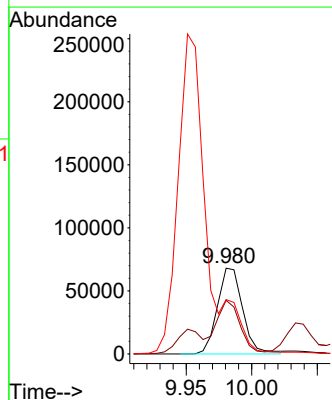
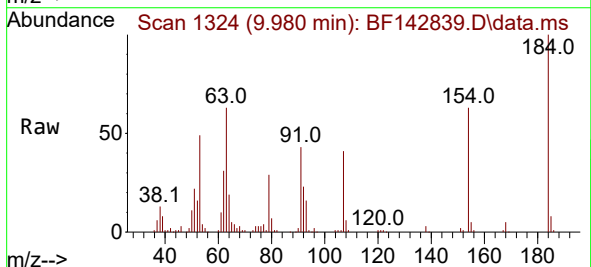
Instrument :
BNA_F
ClientSampleId :
PB168601BS

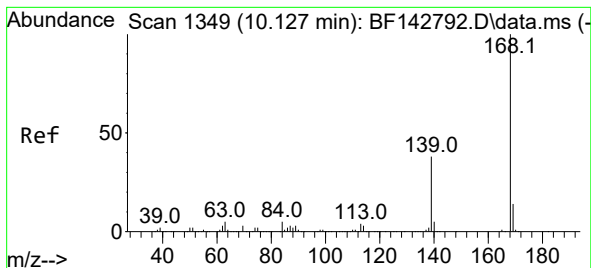
Tgt Ion:138 Resp: 47033
Ion Ratio Lower Upper
138 100
108 10.7 8.1 12.1
92 107.8 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 96.551 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:184 Resp: 91154
Ion Ratio Lower Upper
184 100
63 62.5 50.6 75.8
154 63.3 51.8 77.8





#55

Dibenzofuran

Concen: 44.058 ng

RT: 10.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

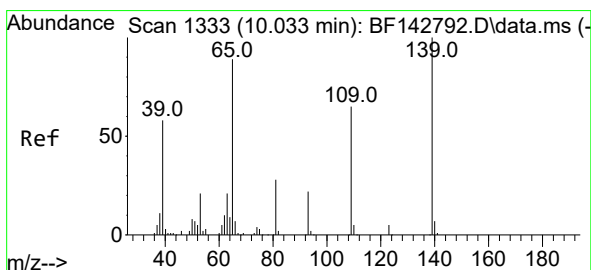
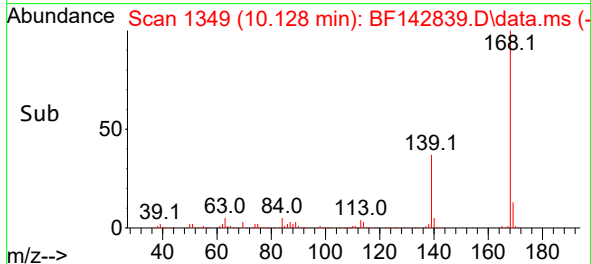
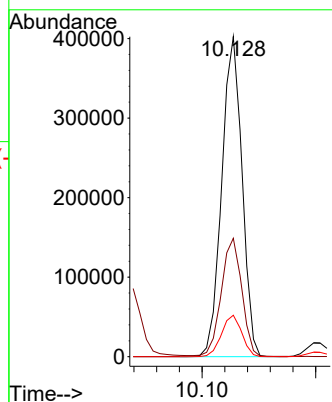
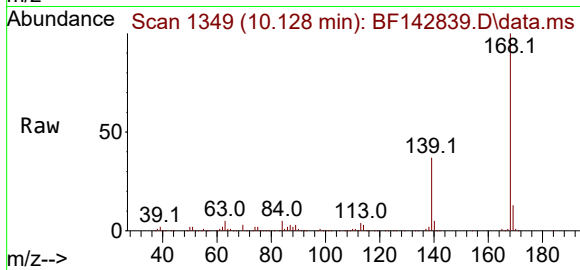
Tgt Ion:168 Resp: 498929

Ion Ratio Lower Upper

168 100

139 37.0 30.2 45.4

169 13.0 10.8 16.2



#56

4-Nitrophenol

Concen: 84.387 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.006 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

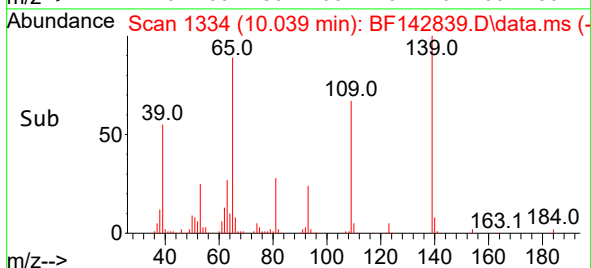
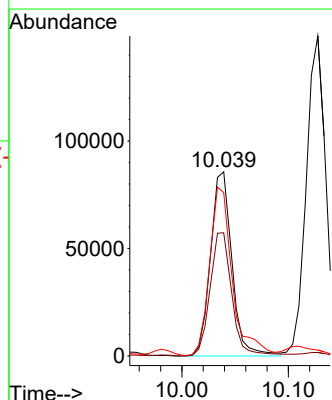
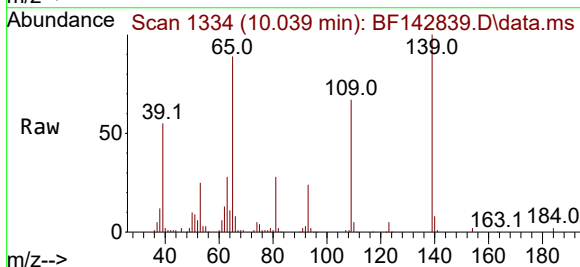
Tgt Ion:139 Resp: 119930

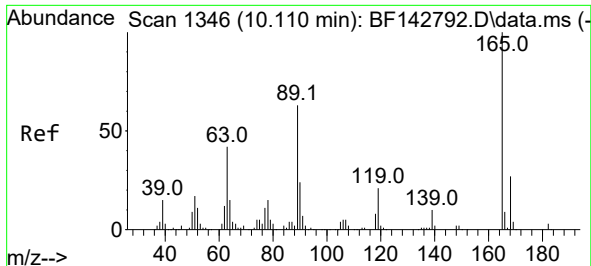
Ion Ratio Lower Upper

139 100

109 66.9 44.7 84.7

65 88.7 69.8 109.8





#57

2,4-Dinitrotoluene

Concen: 44.163 ng

RT: 10.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

Tgt Ion:165 Resp: 110607

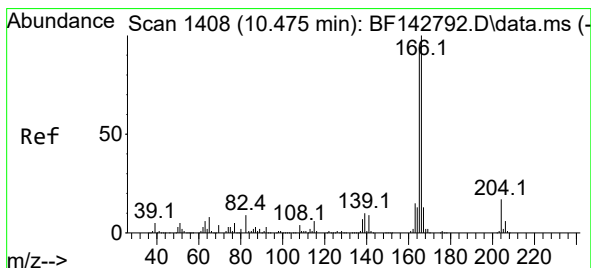
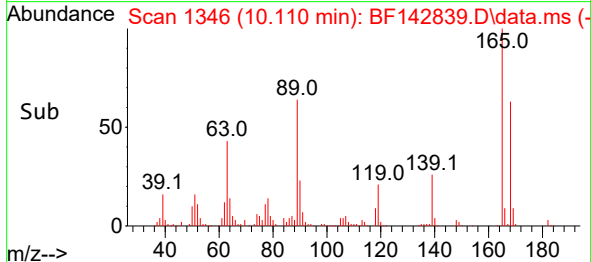
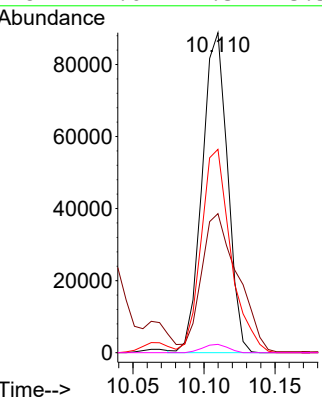
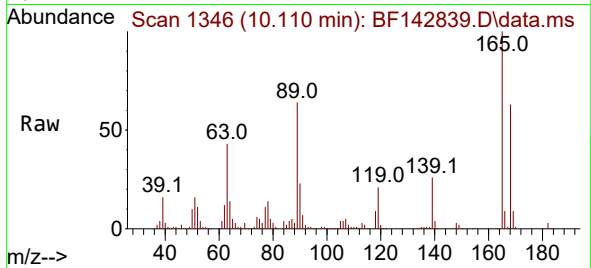
Ion Ratio Lower Upper

165 100

63 43.4 33.9 50.9

89 63.6 50.6 75.8

182 2.6 2.3 3.5



#58

Fluorene

Concen: 43.166 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.006 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

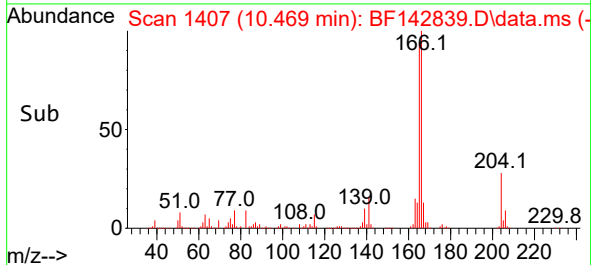
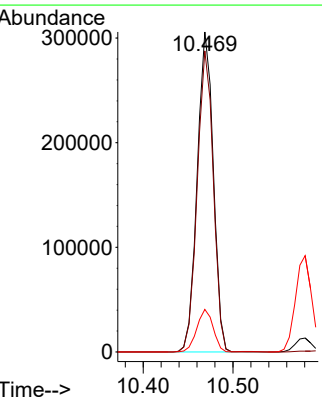
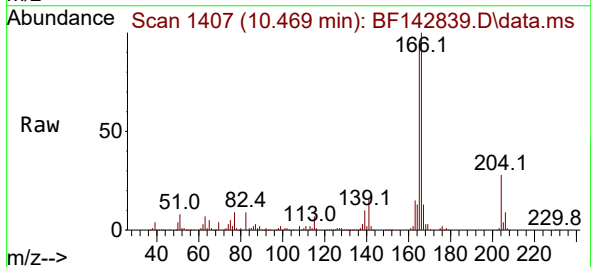
Tgt Ion:166 Resp: 381766

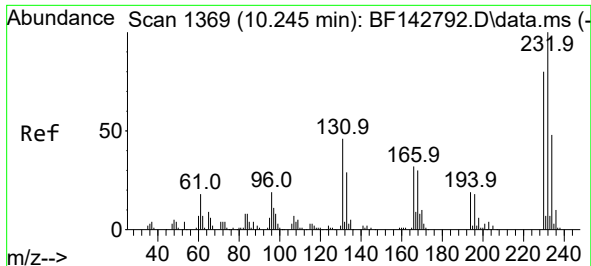
Ion Ratio Lower Upper

166 100

165 94.1 75.2 112.8

167 13.3 10.6 15.8

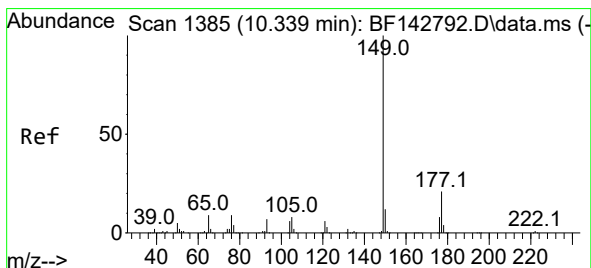
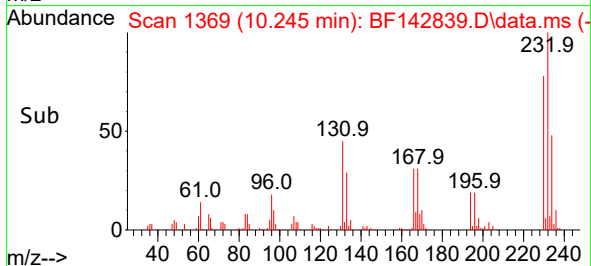
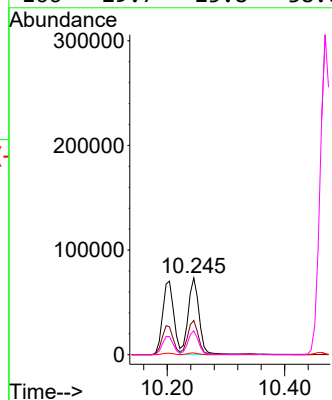
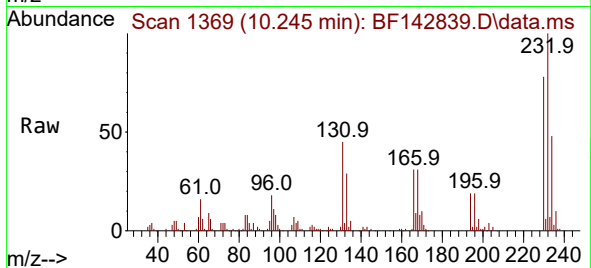




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.746 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

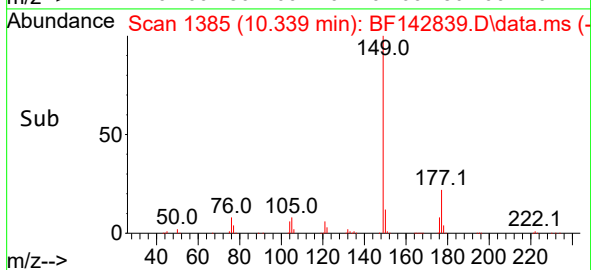
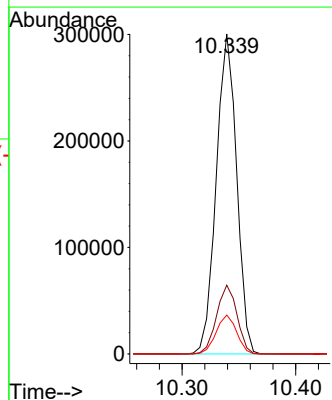
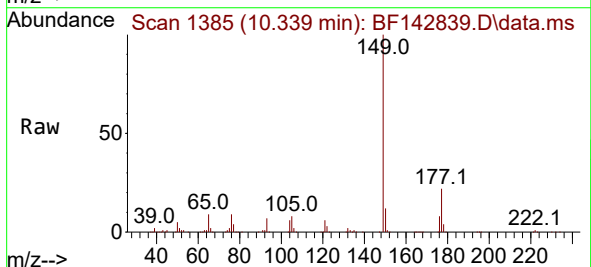
Instrument :
BNA_F
ClientSampleId :
PB168601BS

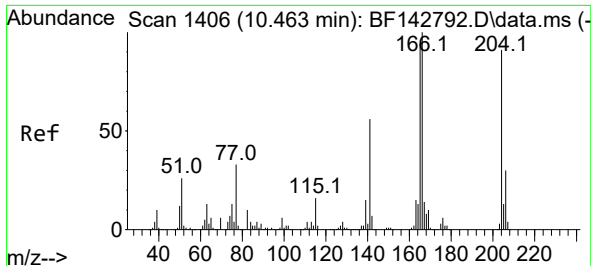
Tgt Ion:232 Resp: 94664
Ion Ratio Lower Upper
232 100
131 44.4 37.6 56.4
130 2.2 1.7 2.5
166 29.7 25.8 38.6



#60
Diethylphthalate
Concen: 44.486 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:149 Resp: 374487
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 12.2 9.8 14.6

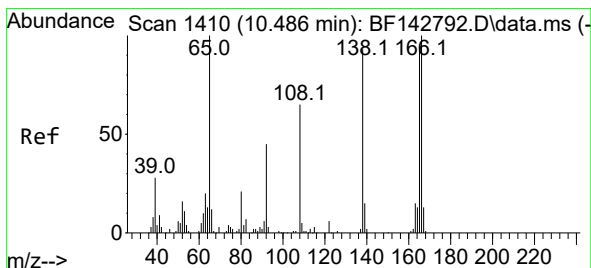
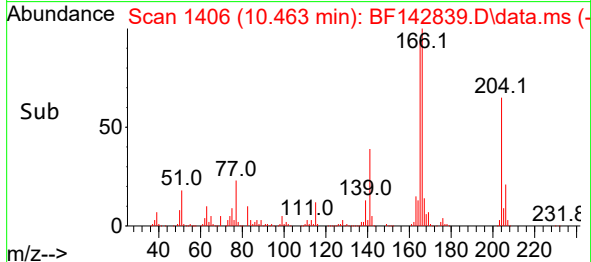
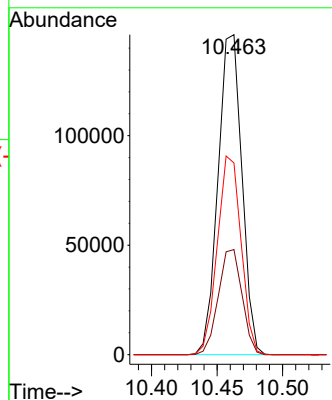
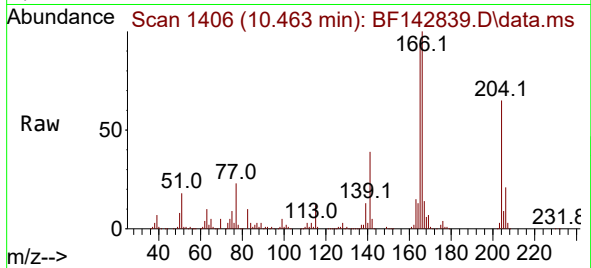




#61
4-Chlorophenyl-phenylether
Concen: 43.831 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

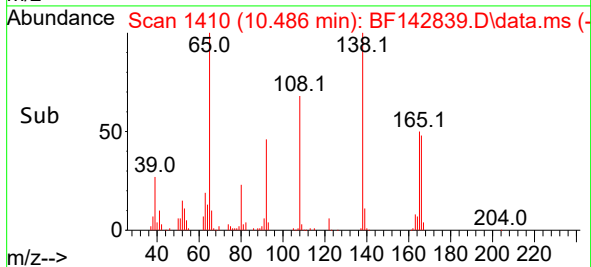
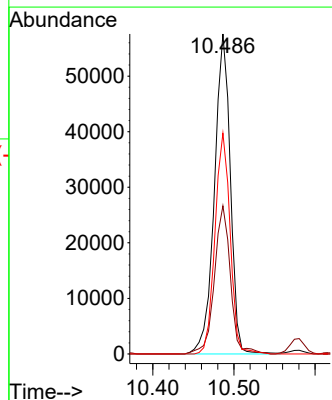
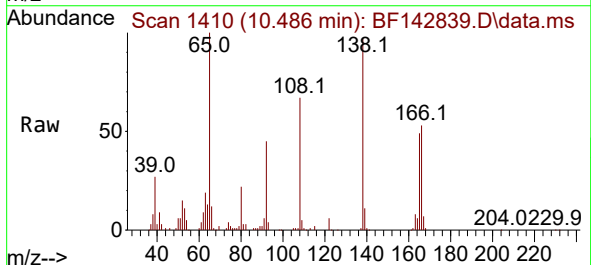
Instrument :
BNA_F
ClientSampleId :
PB168601BS

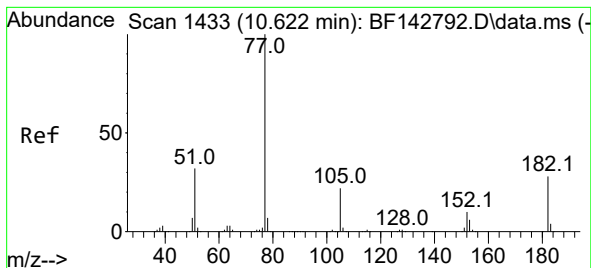
Tgt Ion:204 Resp: 184980
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 59.9 49.1 73.7



#62
4-Nitroaniline
Concen: 41.413 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:138 Resp: 78627
Ion Ratio Lower Upper
138 100
92 46.3 28.4 68.4
108 69.0 50.2 90.2





#63

Azobenzene

Concen: 42.092 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

Tgt Ion: 77 Resp: 316690

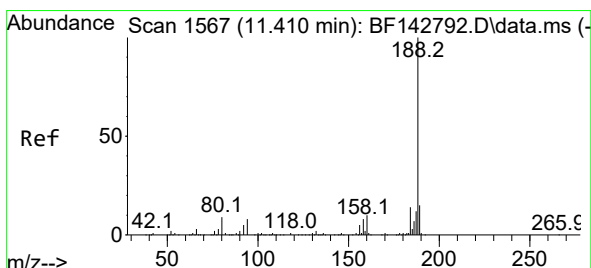
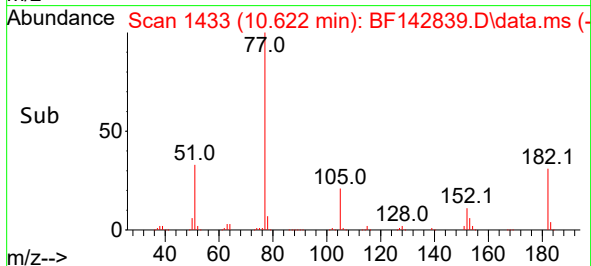
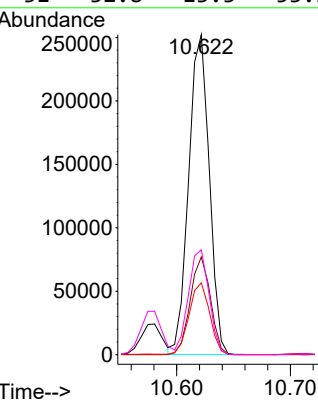
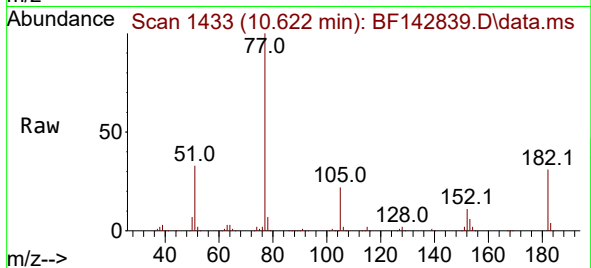
Ion Ratio Lower Upper

77 100

182 30.6 7.7 47.7

105 22.4 1.9 41.9

51 32.8 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: BF142839.D

Acq: 25 Jun 2025 15:57

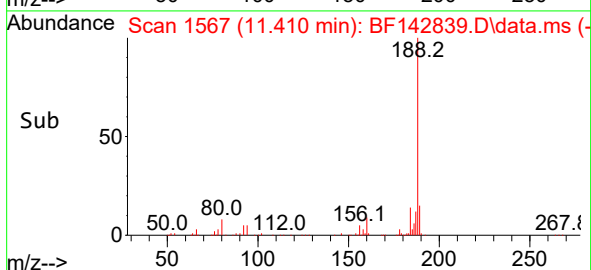
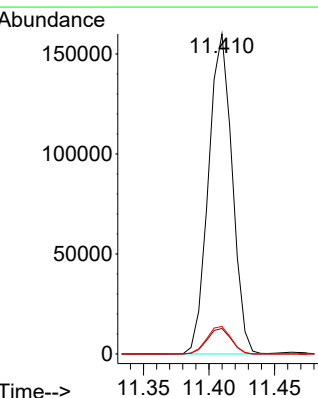
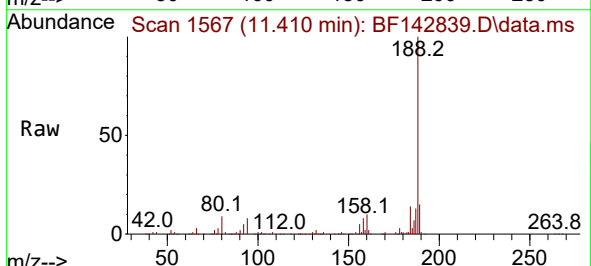
Tgt Ion:188 Resp: 201072

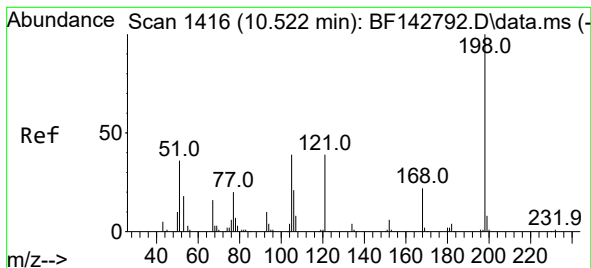
Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

80 8.6 6.9 10.3

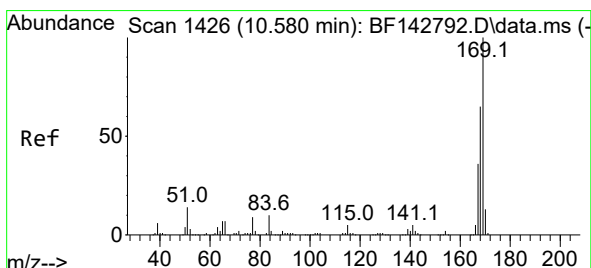
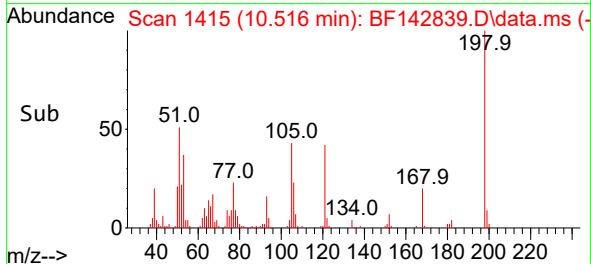
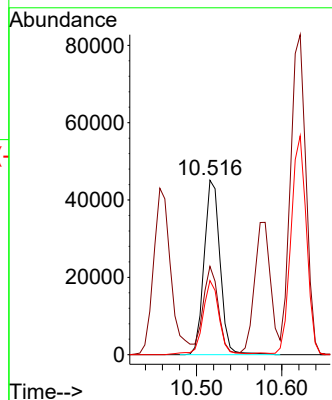
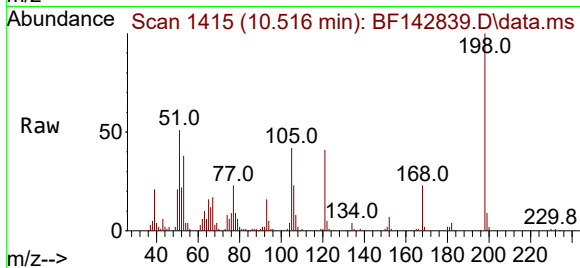




#65
4,6-Dinitro-2-methylphenol
Concen: 48.278 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

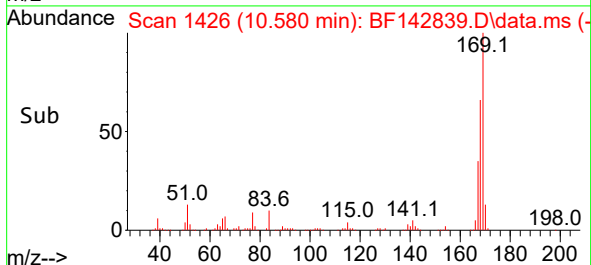
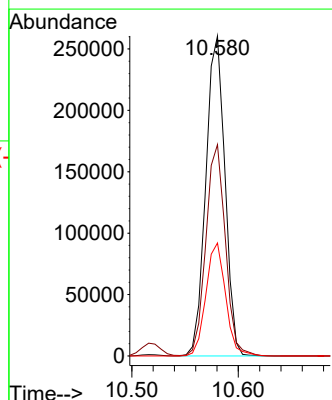
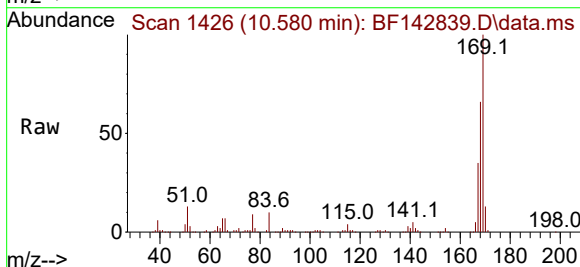
Instrument :
BNA_F
ClientSampleId :
PB168601BS

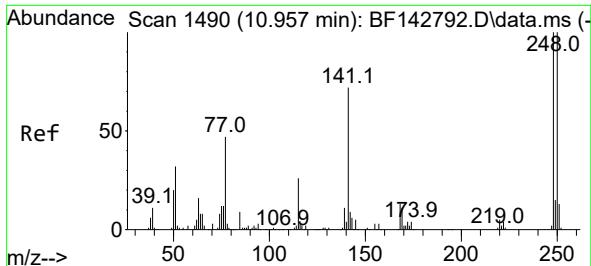
Tgt Ion:198 Resp: 58716
Ion Ratio Lower Upper
198 100
51 50.7 25.4 65.4
105 42.5 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 46.652 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:169 Resp: 325101
Ion Ratio Lower Upper
169 100
168 66.1 51.9 77.9
167 35.3 28.5 42.7

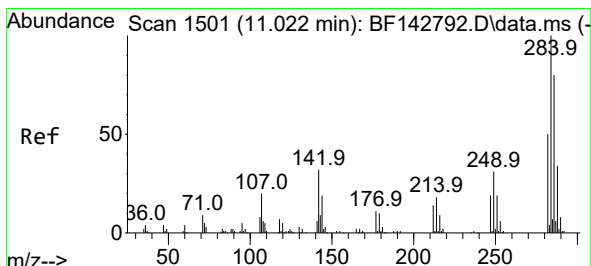
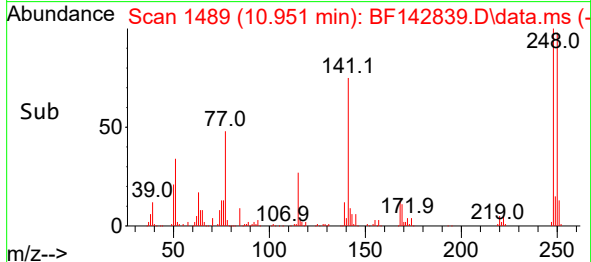
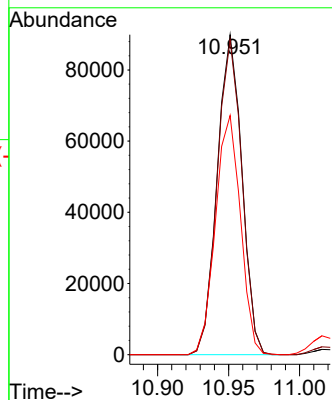
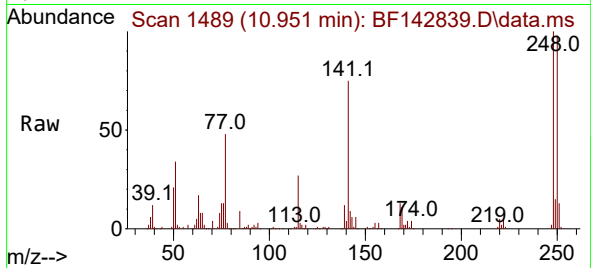




#67
4-Bromophenyl-phenylether
Concen: 47.675 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

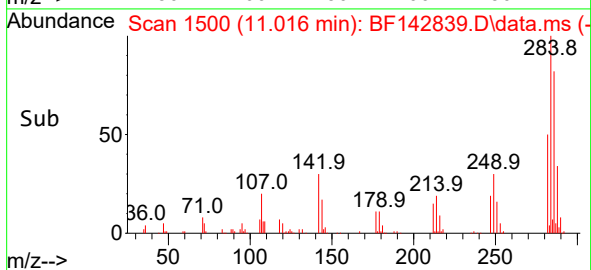
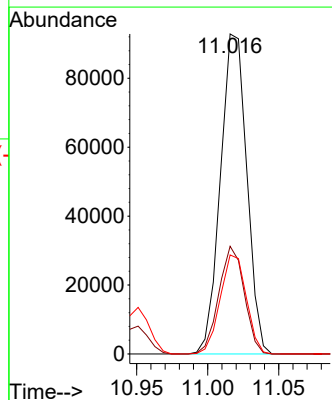
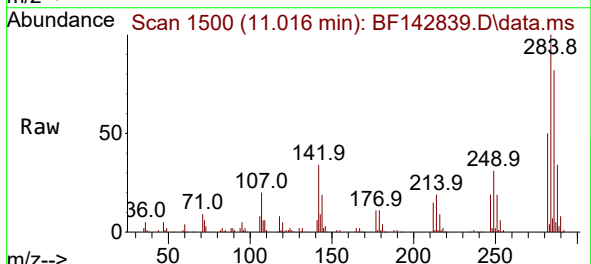
Instrument :
BNA_F
ClientSampleId :
PB168601BS

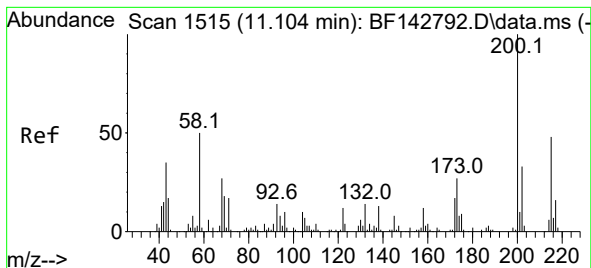
Tgt Ion:248 Resp: 109098
Ion Ratio Lower Upper
248 100
250 98.4 79.8 119.8
141 74.7 57.8 86.6



#68
Hexachlorobenzene
Concen: 47.193 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:284 Resp: 120002
Ion Ratio Lower Upper
284 100
142 33.7 25.5 38.3
249 30.9 24.9 37.3





#69

Atrazine

Concen: 52.189 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

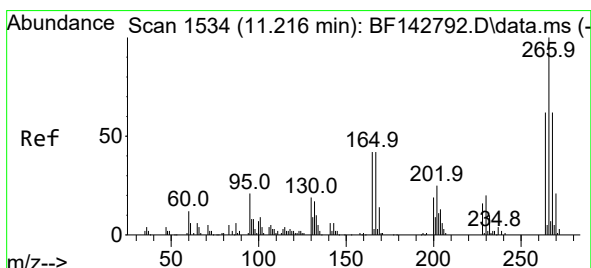
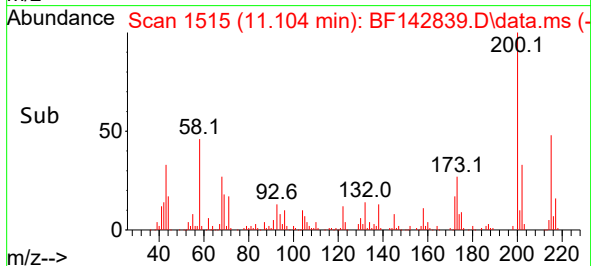
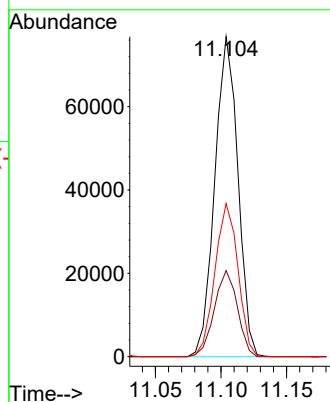
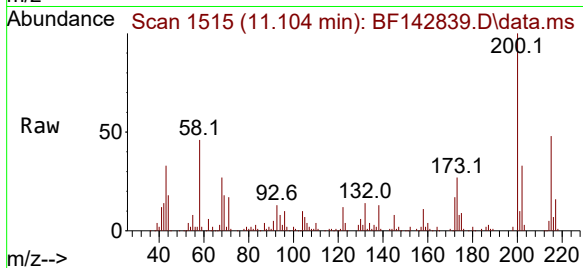
Tgt Ion:200 Resp: 93915

Ion Ratio Lower Upper

200 100

173 26.9 7.4 47.4

215 47.8 28.4 68.4



#70

Pentachlorophenol

Concen: 93.159 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

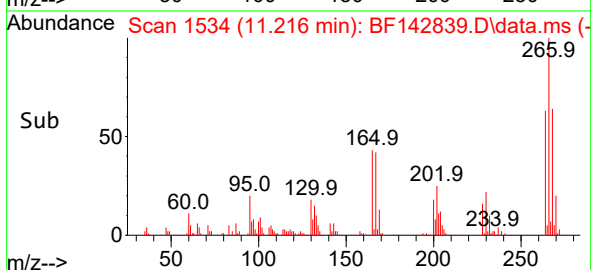
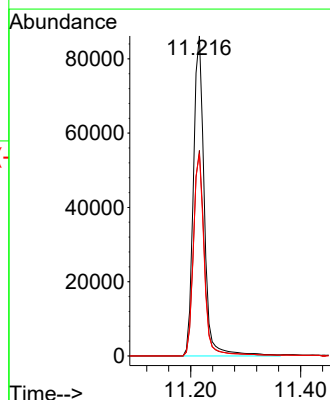
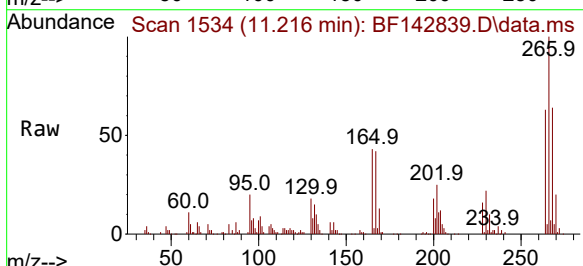
Tgt Ion:266 Resp: 118039

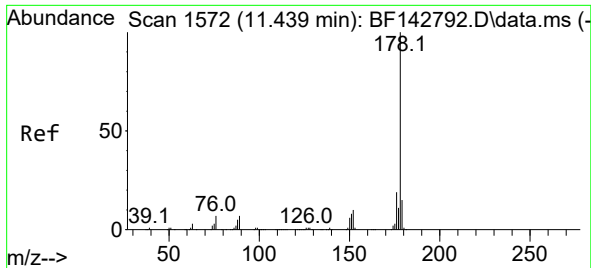
Ion Ratio Lower Upper

266 100

268 64.2 49.8 74.8

264 63.2 49.9 74.9

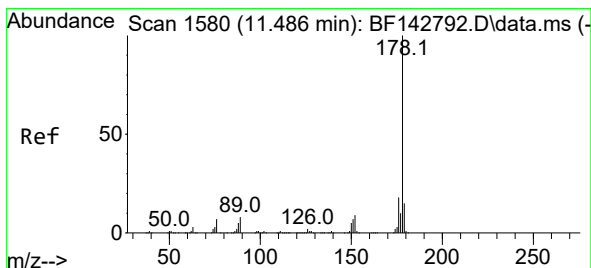
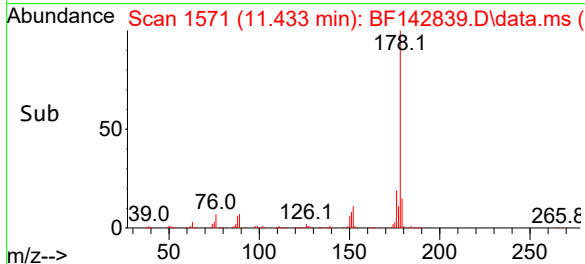
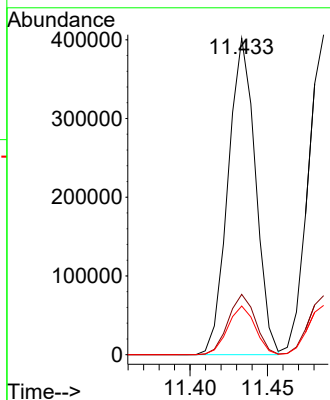
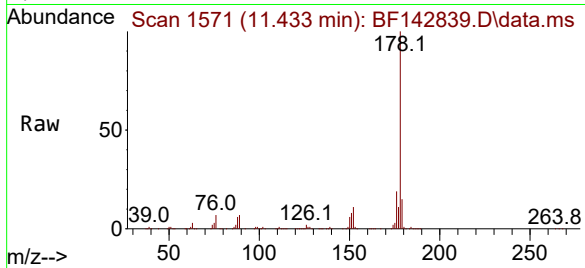




#71
Phenanthrene
Concen: 45.269 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

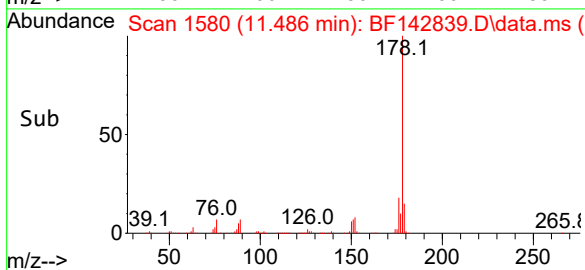
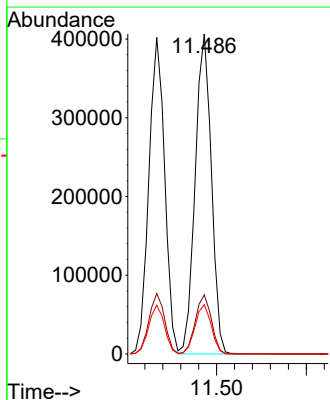
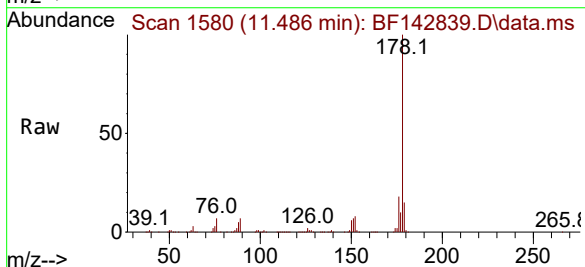
Instrument :
BNA_F
ClientSampleId :
PB168601BS

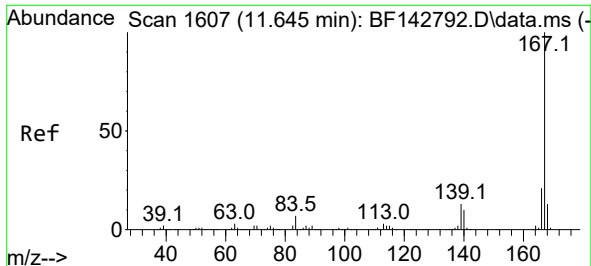
Tgt Ion:178 Resp: 493078
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 45.520 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

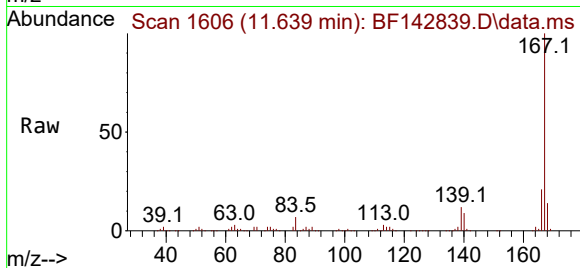
Tgt Ion:178 Resp: 508495
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.4 12.4 18.6



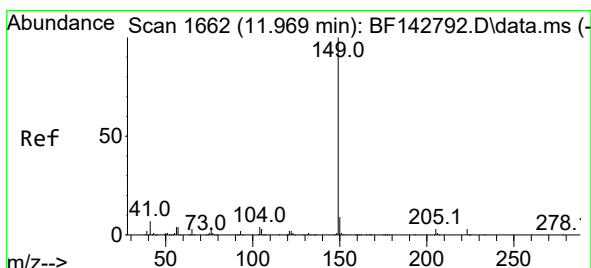
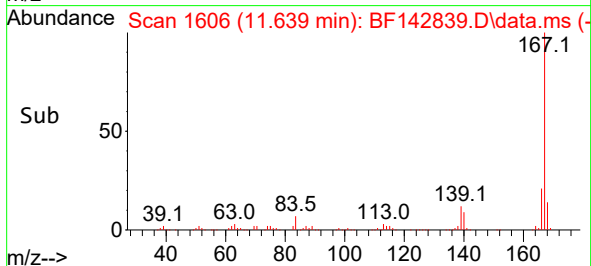
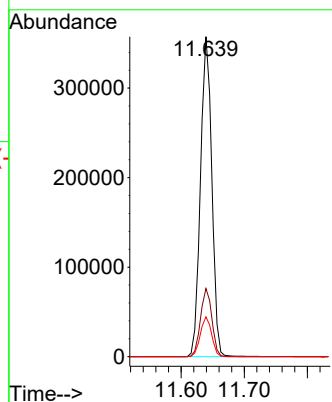


#73
 Carbazole
 Concen: 46.152 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142839.D
 Acq: 25 Jun 2025 15:57

Instrument :
 BNA_F
 ClientSampleId :
 PB168601BS

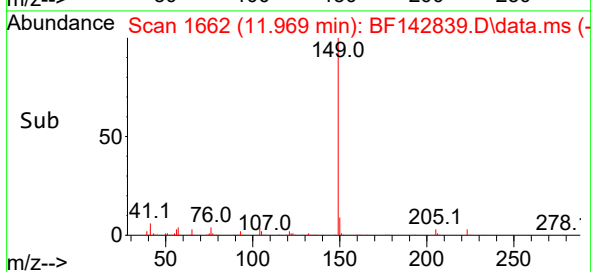
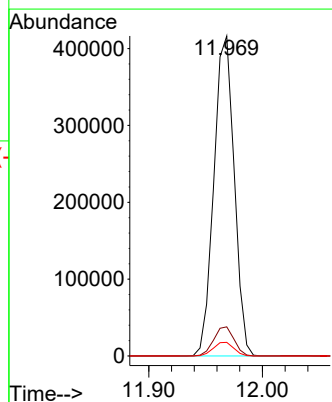
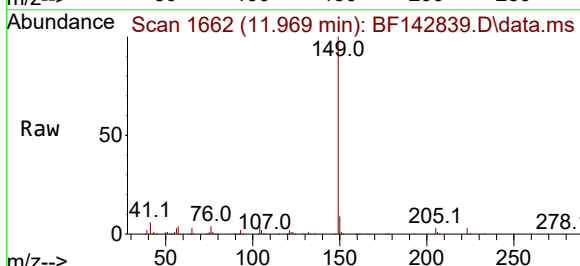


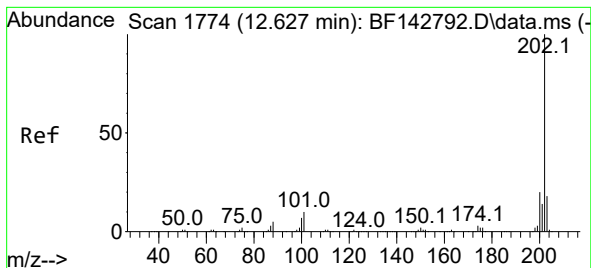
Tgt Ion:167 Resp: 444907
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 51.656 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142839.D
 Acq: 25 Jun 2025 15:57

Tgt Ion:149 Resp: 518753
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 46.670 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

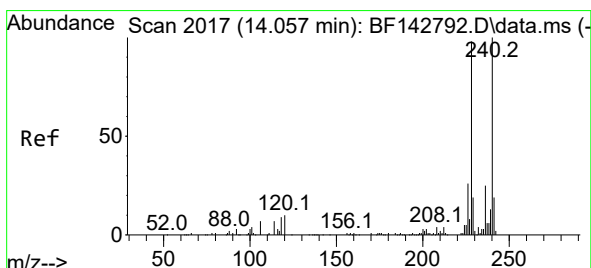
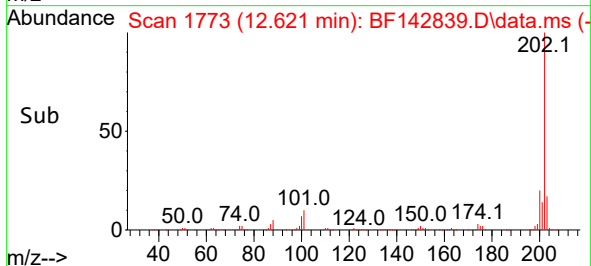
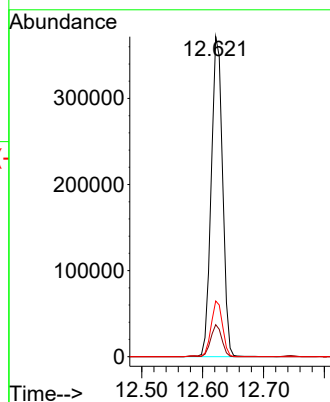
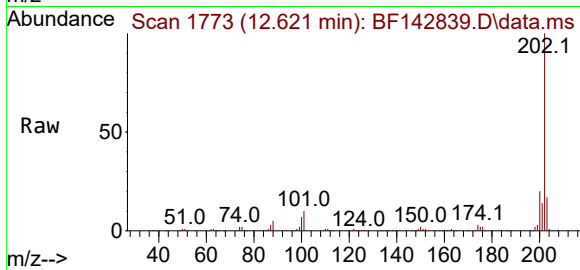
Tgt Ion:202 Resp: 482438

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.7

203 17.4 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: BF142839.D

Acq: 25 Jun 2025 15:57

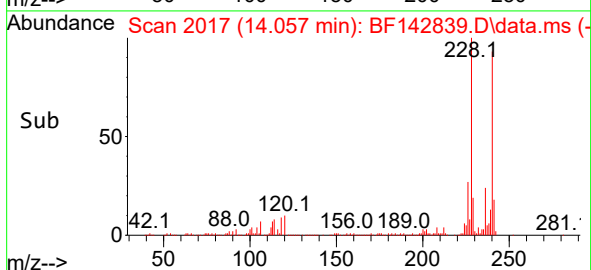
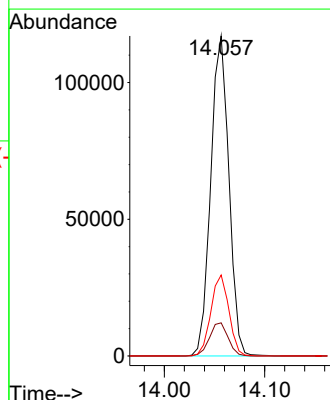
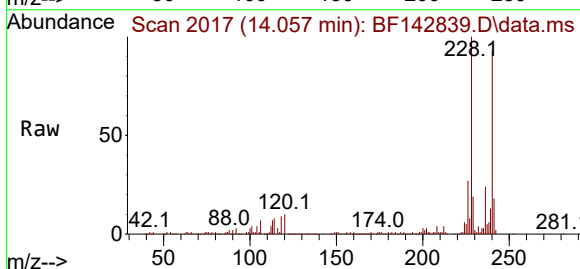
Tgt Ion:240 Resp: 147361

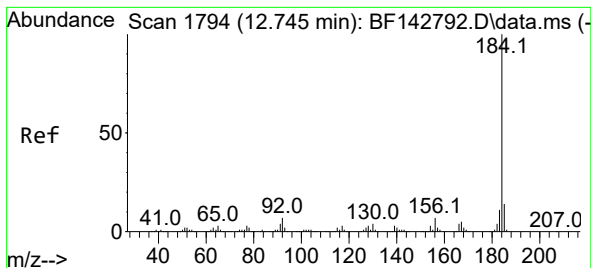
Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

236 25.3 19.8 29.8





#77

Benzidine

Concen: 43.987 ng

RT: 12.745 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

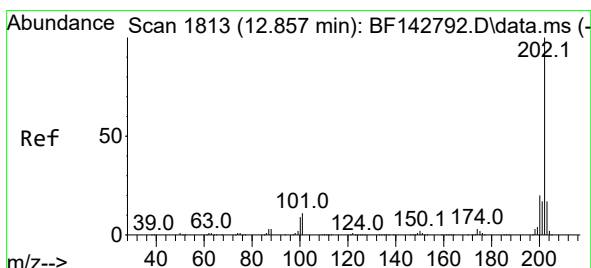
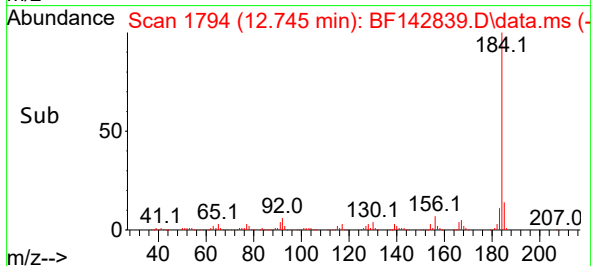
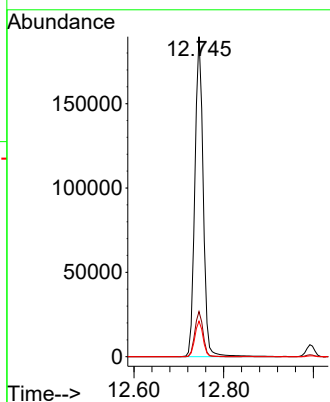
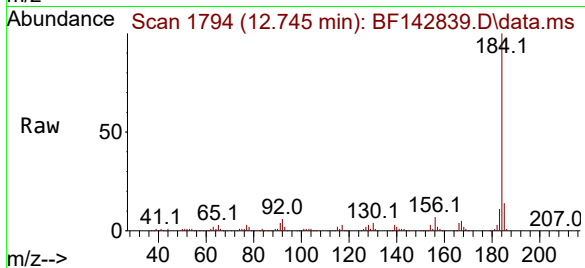
Tgt Ion:184 Resp: 243534

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 35.244 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

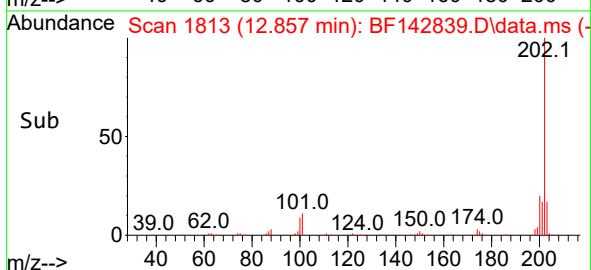
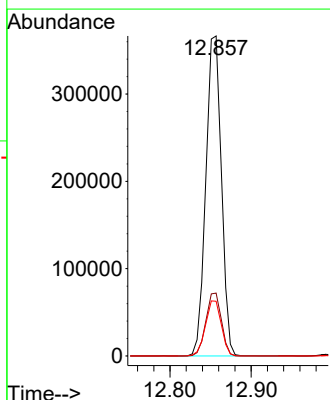
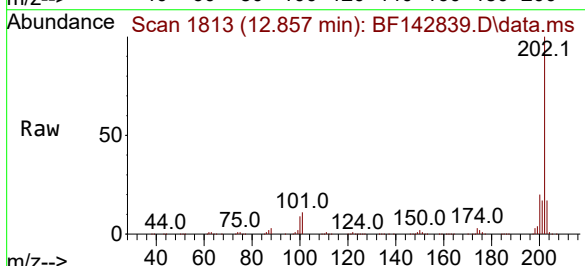
Tgt Ion:202 Resp: 486813

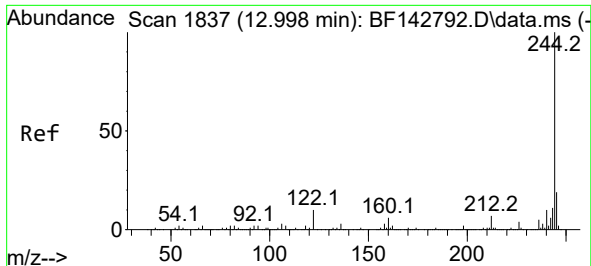
Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

203 17.1 13.8 20.6

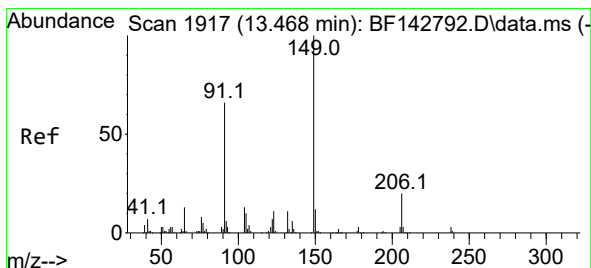
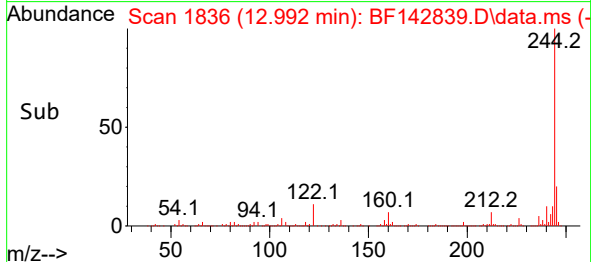
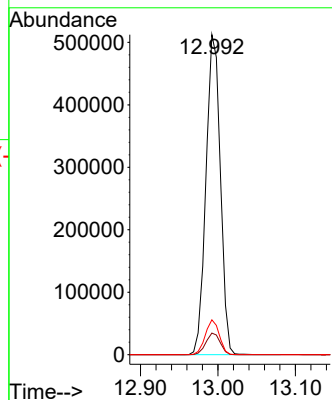
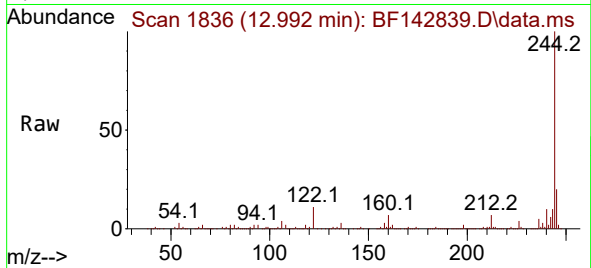




#79
 Terphenyl-d14
 Concen: 61.962 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142839.D
 Acq: 25 Jun 2025 15:57

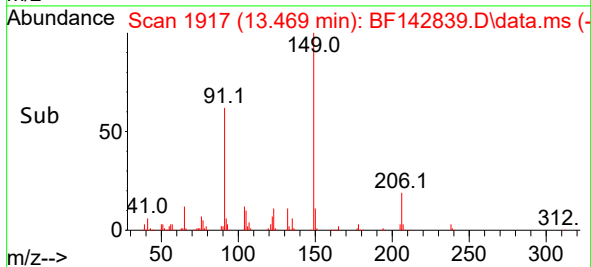
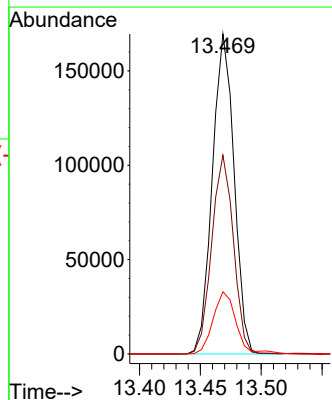
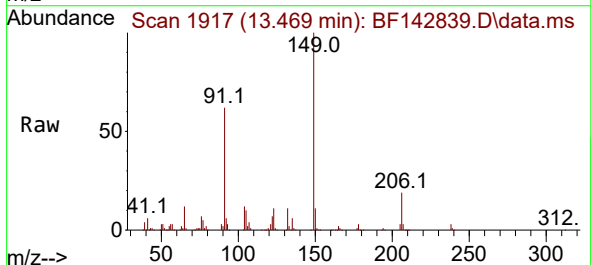
Instrument :
 BNA_F
 ClientSampleId :
 PB168601BS

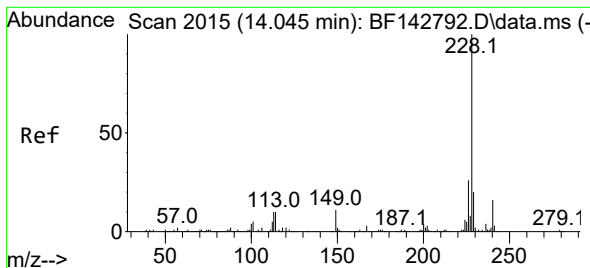
Tgt Ion:244 Resp: 660839
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 52.602 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142839.D
 Acq: 25 Jun 2025 15:57

Tgt Ion:149 Resp: 210760
 Ion Ratio Lower Upper
 149 100
 91 62.1 52.9 79.3
 206 19.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 45.516 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

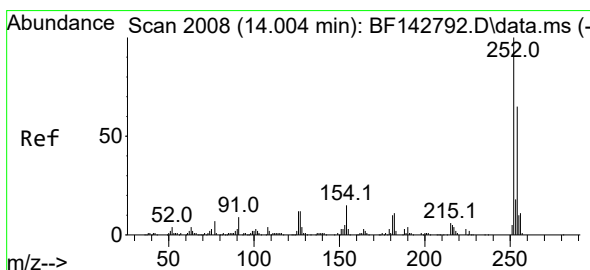
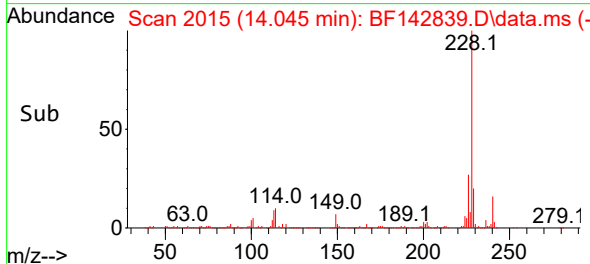
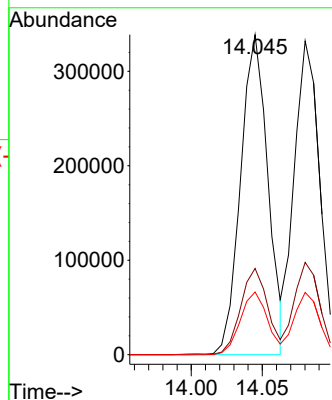
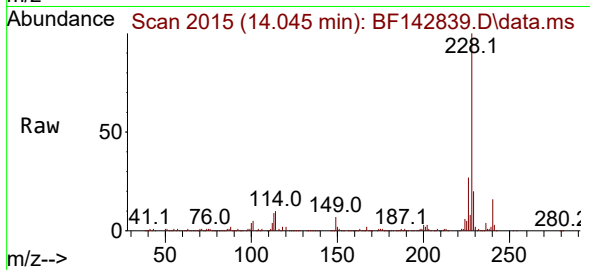
Tgt Ion:228 Resp: 452476

Ion Ratio Lower Upper

228 100

226 27.0 21.2 31.8

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 19.951 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

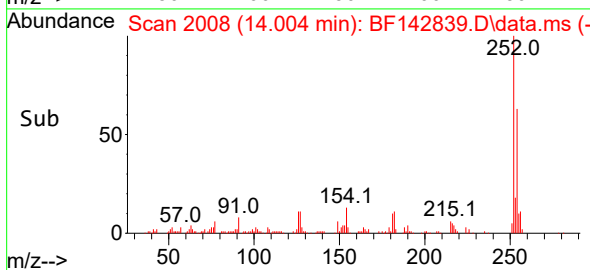
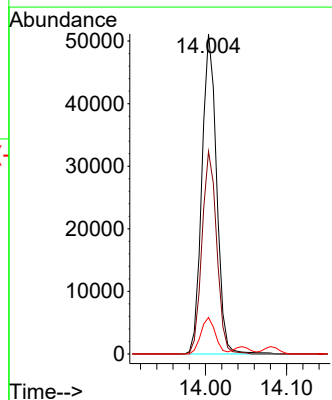
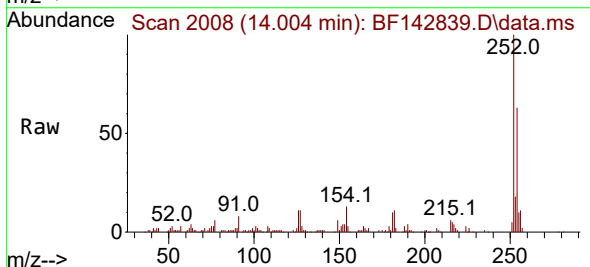
Tgt Ion:252 Resp: 64332

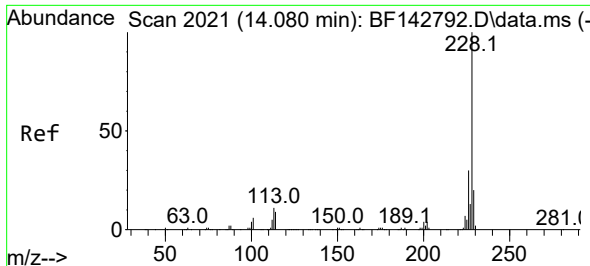
Ion Ratio Lower Upper

252 100

254 63.3 51.7 77.5

126 11.4 9.4 14.2

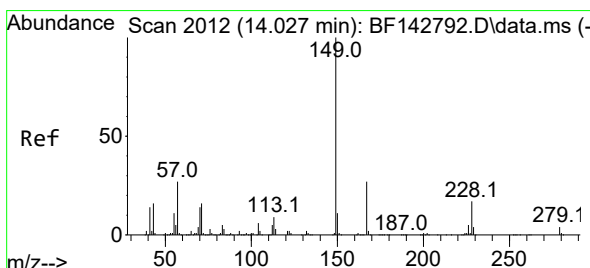
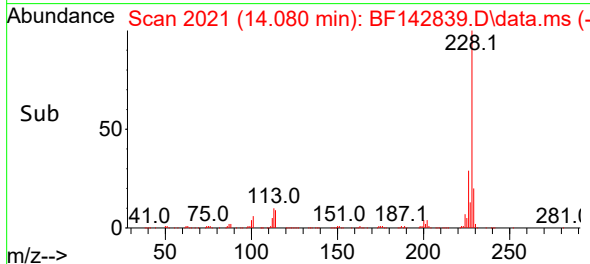
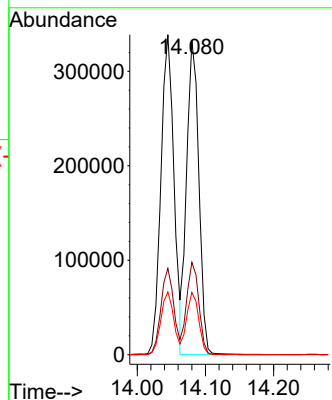
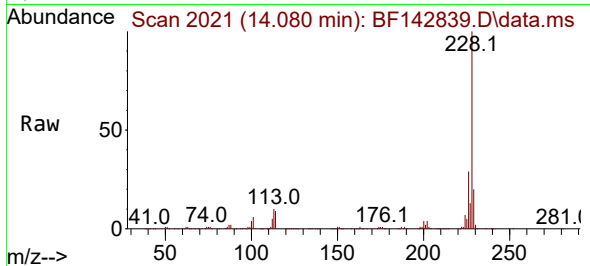




#83
Chrysene
Concen: 46.423 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

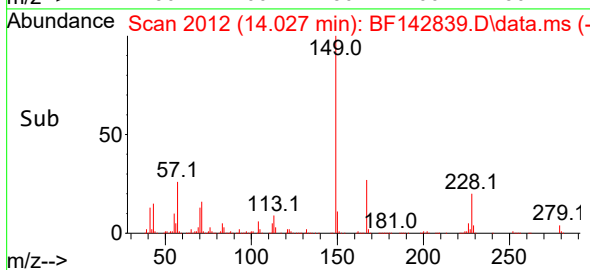
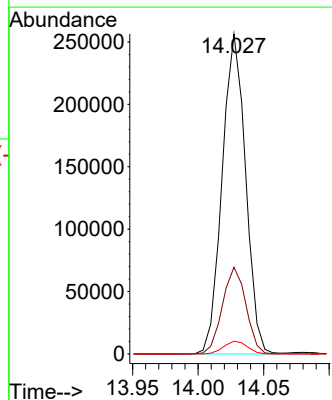
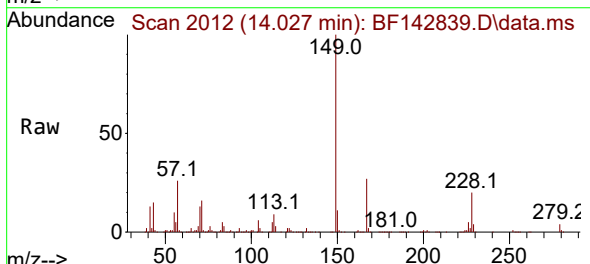
Instrument :
BNA_F
ClientSampleId :
PB168601BS

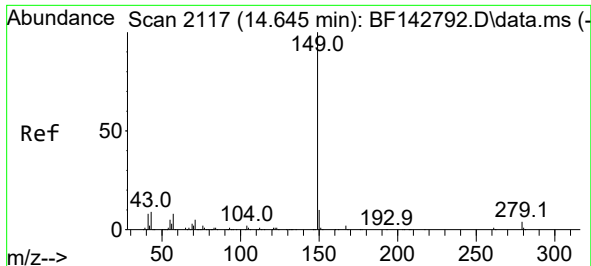
Tgt Ion:228 Resp: 411802
Ion Ratio Lower Upper
228 100
226 29.4 23.7 35.5
229 19.9 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.187 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:149 Resp: 318139
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.0
279 4.0 3.0 4.6

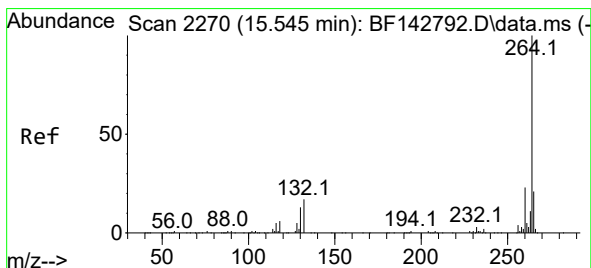
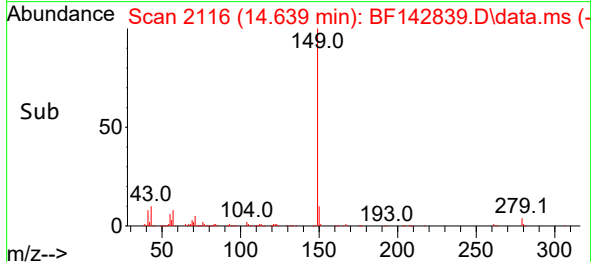
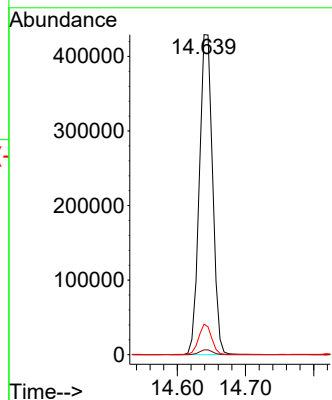
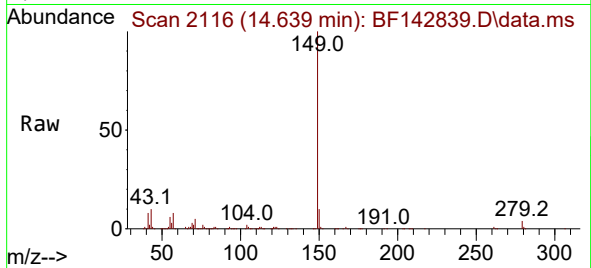




#85
Di-n-octyl phthalate
Concen: 53.232 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

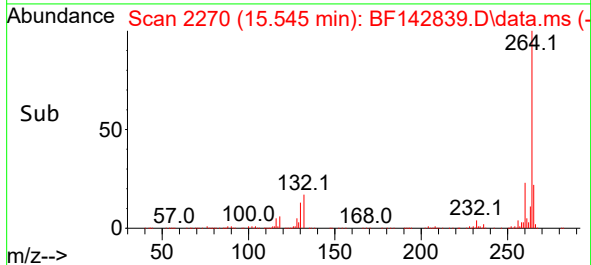
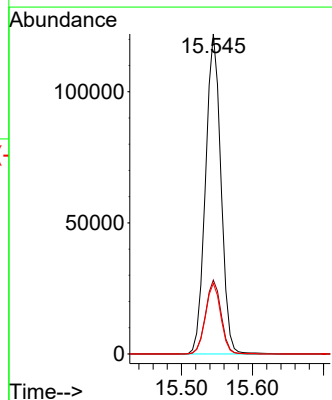
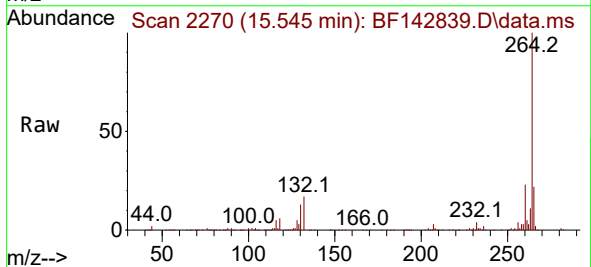
Instrument :
BNA_F
ClientSampleId :
PB168601BS

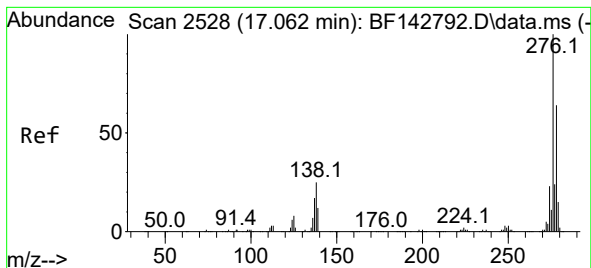
Tgt Ion:149 Resp: 578638
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:264 Resp: 184315
Ion Ratio Lower Upper
264 100
260 23.1 18.1 27.1
265 22.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.968 ng

RT: 17.062 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

Instrument :

BNA_F

ClientSampleId :

PB168601BS

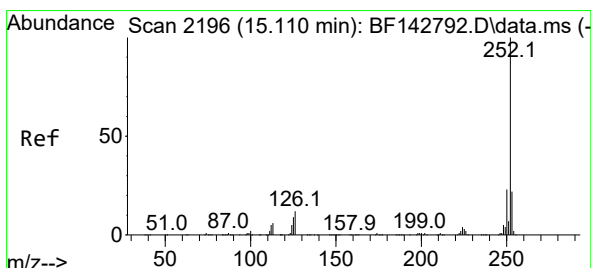
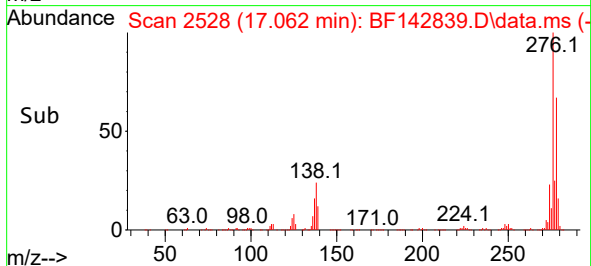
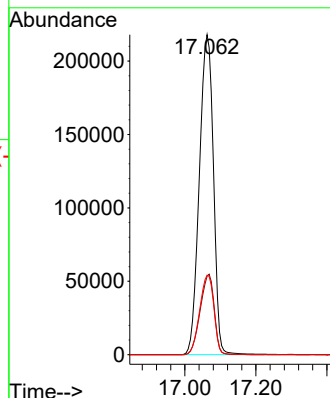
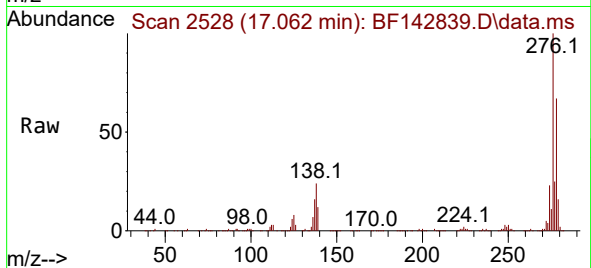
Tgt Ion:276 Resp: 603239

Ion Ratio Lower Upper

276 100

138 24.9 20.2 30.4

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 46.629 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142839.D

Acq: 25 Jun 2025 15:57

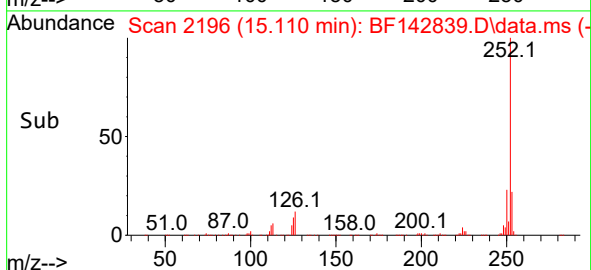
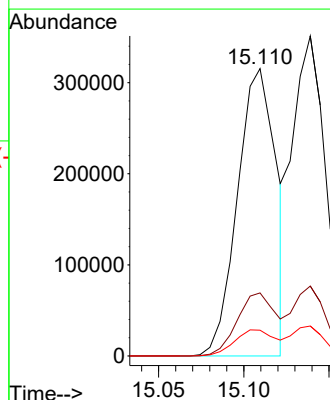
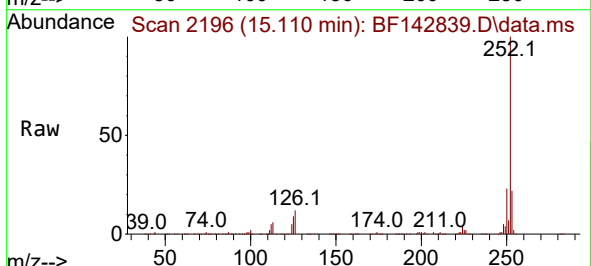
Tgt Ion:252 Resp: 497308

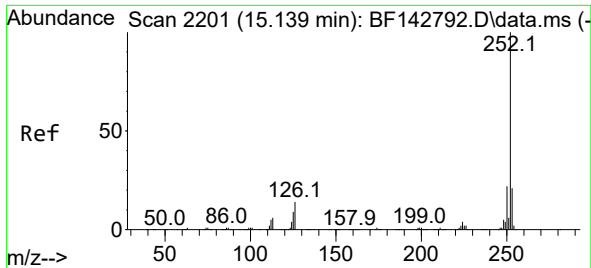
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.0 7.4 11.0

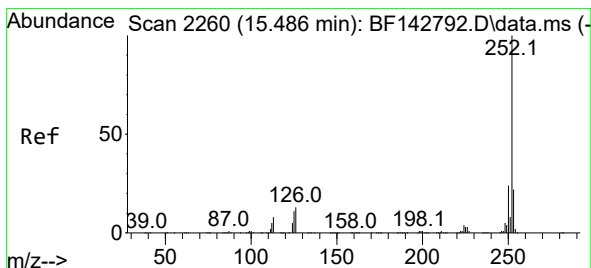
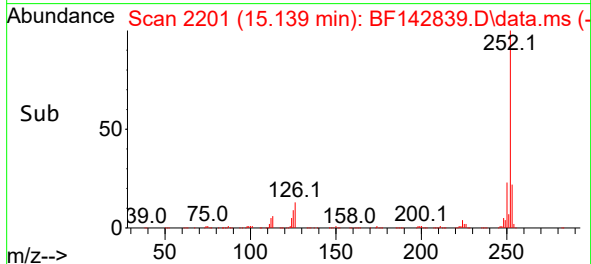
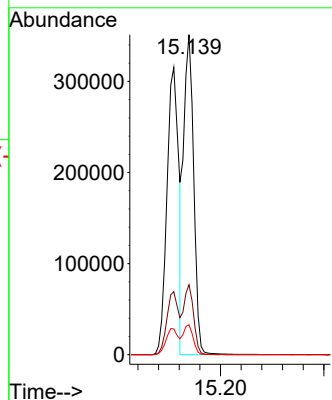
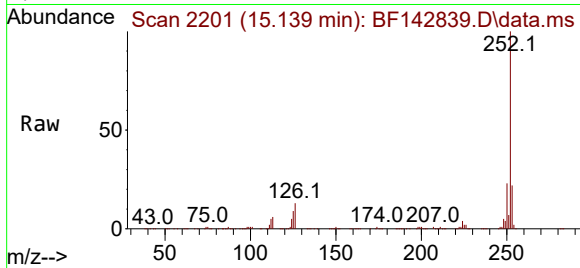




#89
Benzo(k)fluoranthene
Concen: 47.797 ng
RT: 15.139 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

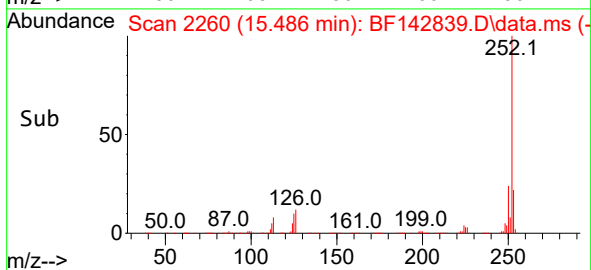
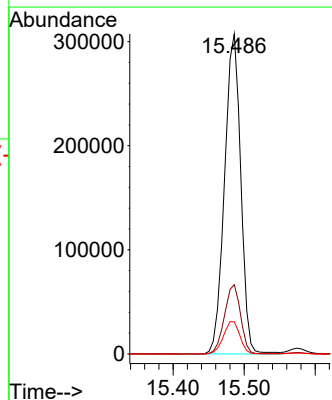
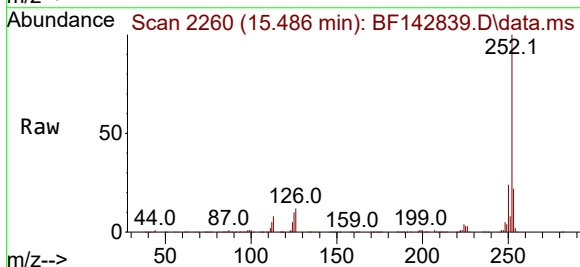
Instrument :
BNA_F
ClientSampleId :
PB168601BS

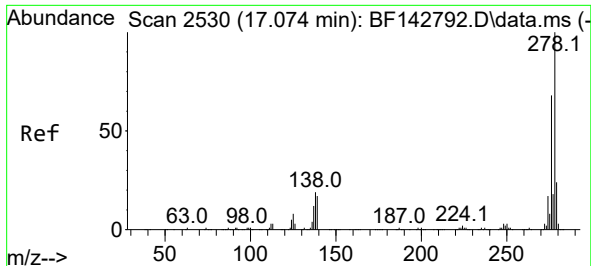
Tgt Ion:252 Resp: 476932
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 47.097 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

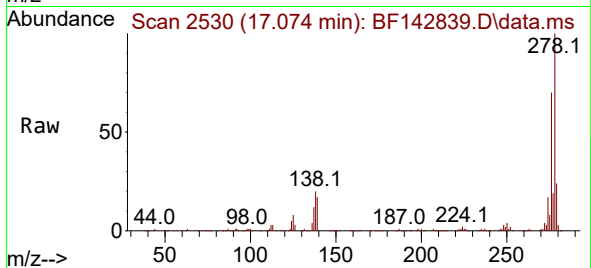
Tgt Ion:252 Resp: 485264
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.0 8.6 12.8



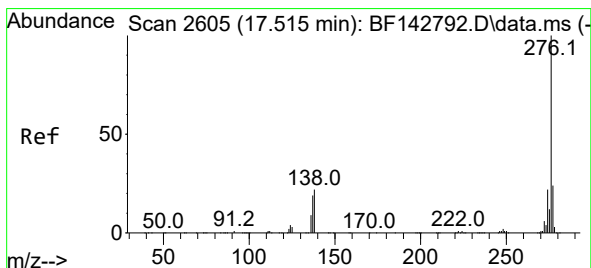
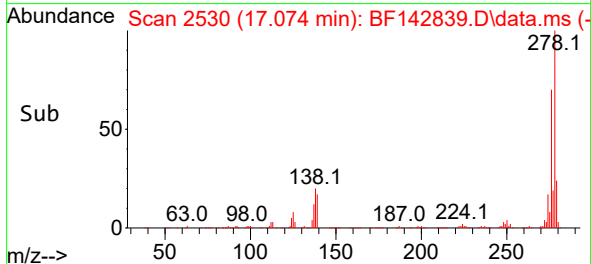
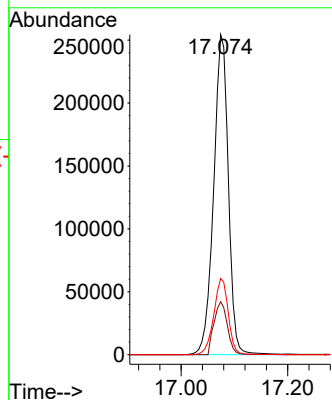


#91
Dibenzo(a,h)anthracene
Concen: 42.817 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Instrument :
BNA_F
ClientSampleId :
PB168601BS



Tgt Ion:278 Resp: 488418
Ion Ratio Lower Upper
278 100
139 16.6 13.5 20.3
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 42.630 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142839.D
Acq: 25 Jun 2025 15:57

Tgt Ion:276 Resp: 484905
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 22.1 17.6 26.4

