

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142949.D
 Acq On : 01 Jul 2025 14:51
 Operator : RC/JU
 Sample : PB168657BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168657BS

Quant Time: Jul 01 15:15:51 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	63818	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	236768	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	121409	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	187260	20.000	ng	0.00
76) Chrysene-d12	14.051	240	116065	20.000	ng	0.00
86) Perylene-d12	15.539	264	141724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	456828	119.180	ng	0.01
7) Phenol-d6	6.510	99	534667	118.229	ng	0.00
23) Nitrobenzene-d5	7.440	82	332531	77.036	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	149637	119.769	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	719819	77.886	ng	-0.01
79) Terphenyl-d14	12.992	244	585621	69.716	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	53418	34.842	ng	99
3) Pyridine	3.469	79	144098	37.491	ng	97
4) n-Nitrosodimethylamine	3.422	42	79530	40.014	ng	99
6) Aniline	6.534	93	181466	30.157	ng	# 78
8) 2-Chlorophenol	6.657	128	178292	43.120	ng	98
9) Benzaldehyde	6.422	77	73402	27.358	ng	98
10) Phenol	6.522	94	203660	40.514	ng	91
11) bis(2-Chloroethyl)ether	6.610	93	150474	41.882	ng	97
12) 1,3-Dichlorobenzene	6.816	146	195006	42.170	ng	100
13) 1,4-Dichlorobenzene	6.892	146	199699	42.803	ng	99
14) 1,2-Dichlorobenzene	7.045	146	187166	42.295	ng	99
15) Benzyl Alcohol	7.016	79	140188	42.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	227438	39.402	ng	89
17) 2-Methylphenol	7.128	107	132231	42.200	ng	98
18) Hexachloroethane	7.387	117	70443	43.167	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	112520	42.780	ng	97
20) 3+4-Methylphenols	7.281	107	167168	42.789	ng	94
22) Acetophenone	7.281	105	231199	44.281	ng	98
24) Nitrobenzene	7.457	77	168037	43.010	ng	98
25) Isophorone	7.698	82	296695	42.847	ng	99
26) 2-Nitrophenol	7.775	139	96360	45.276	ng	97
27) 2,4-Dimethylphenol	7.810	122	156194	42.369	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	190053	43.172	ng	99
29) 2,4-Dichlorophenol	8.016	162	144384	43.195	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	159678	43.443	ng	99
31) Naphthalene	8.181	128	497573	42.933	ng	100
32) Benzoic acid	7.934	122	80490	42.837	ng	94
33) 4-Chloroaniline	8.228	127	89216	18.932	ng	99
34) Hexachlorobutadiene	8.292	225	100402	44.657	ng	99
35) Caprolactam	8.598	113	40160	45.530	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	141509	42.597	ng	99
37) 2-Methylnaphthalene	8.869	142	310269	43.183	ng	99
38) 1-Methylnaphthalene	8.969	142	322691	43.385	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	159221	44.446	ng	99
41) Hexachlorocyclopentadiene	9.022	237	180450	88.763	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	99005	42.412	ng	99

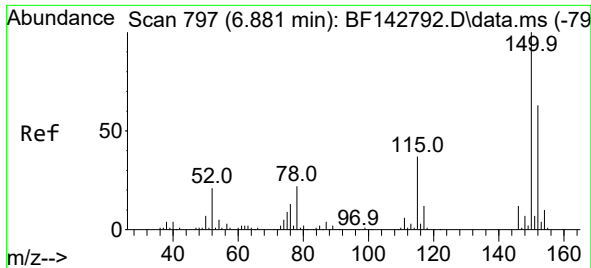
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
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 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	104172	42.392	ng	99
46) 1,1'-Biphenyl	9.339	154	420020	43.795	ng	100
47) 2-Chloronaphthalene	9.363	162	310923	43.201	ng	99
48) 2-Nitroaniline	9.457	65	85504	42.376	ng	97
49) Acenaphthylene	9.781	152	505726	42.685	ng	99
50) Dimethylphthalate	9.639	163	348008	44.282	ng	100
51) 2,6-Dinitrotoluene	9.704	165	75681	43.851	ng	95
52) Acenaphthene	9.951	154	340904m	47.160	ng	
53) 3-Nitroaniline	9.869	138	46217	24.322	ng	98
54) 2,4-Dinitrophenol	9.981	184	74666	86.401	ng	99
55) Dibenzofuran	10.122	168	443107	42.747	ng	100
56) 4-Nitrophenol	10.039	139	104029	79.968	ng	98
57) 2,4-Dinitrotoluene	10.104	165	100099	43.664	ng	96
58) Fluorene	10.469	166	346191	42.763	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	83036	41.921	ng	96
60) Diethylphthalate	10.333	149	335339	43.520	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	166269	43.041	ng	100
62) 4-Nitroaniline	10.486	138	70129	40.353	ng	98
63) Azobenzene	10.616	77	288111	41.835	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	51866	45.791	ng	97
66) n-Nitrosodiphenylamine	10.575	169	293731	45.259	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98329	46.138	ng	97
68) Hexachlorobenzene	11.016	284	107812	45.527	ng	100
69) Atrazine	11.104	200	83731	49.961	ng	100
70) Pentachlorophenol	11.210	266	100735	85.366	ng	99
71) Phenanthrene	11.433	178	450164	44.378	ng	99
72) Anthracene	11.480	178	459505	44.169	ng	99
73) Carbazole	11.639	167	387683	43.183	ng	100
74) Di-n-butylphthalate	11.963	149	452070	48.336	ng	100
75) Fluoranthene	12.622	202	425299	44.178	ng	99
77) Benzidine	12.739	184	146725	33.647	ng	99
78) Pyrene	12.851	202	421726	38.764	ng	99
80) Butylbenzylphthalate	13.463	149	160343	50.809	ng	97
81) Benzo(a)anthracene	14.039	228	345864	44.173	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	59738	23.522	ng	99
83) Chrysene	14.074	228	324323	46.420	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	235045	51.767	ng	99
85) Di-n-octyl phthalate	14.633	149	435706	50.891	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	453646	42.024	ng	98
88) Benzo(b)fluoranthene	15.104	252	356572	43.480	ng	99
89) Benzo(k)fluoranthene	15.133	252	359936	46.913	ng	99
90) Benzo(a)pyrene	15.480	252	359385	45.362	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	376365	42.910	ng	98
92) Benzo(g,h,i)perylene	17.515	276	367107	41.973	ng	98

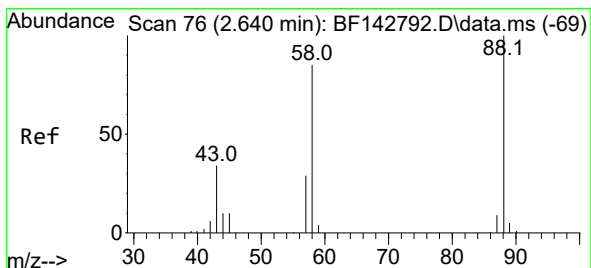
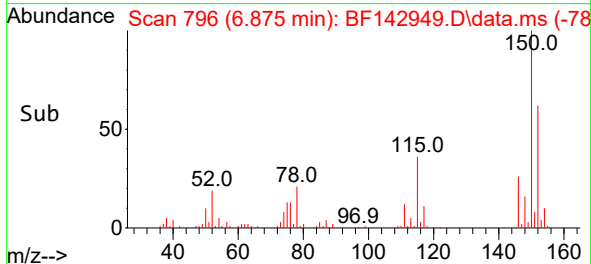
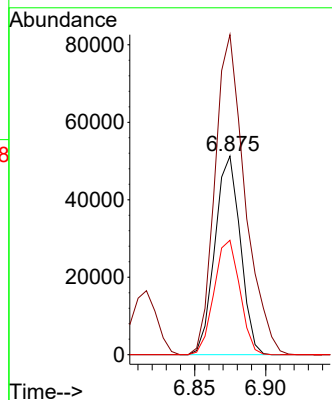
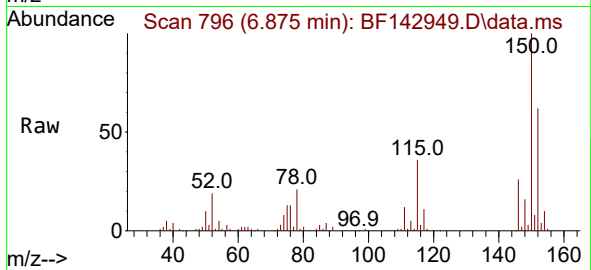
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142949.D
 Acq: 01 Jul 2025 14:51

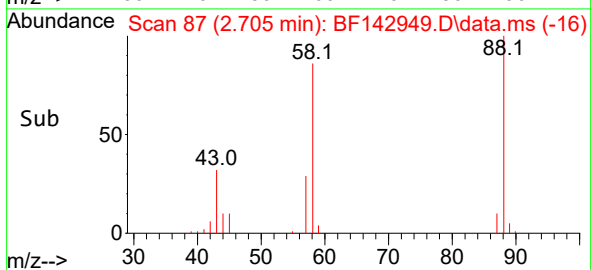
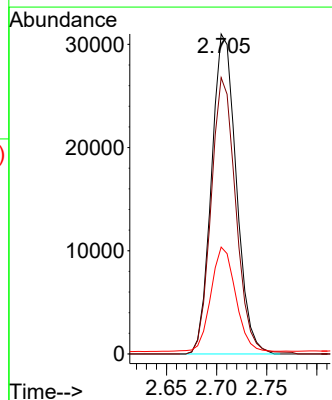
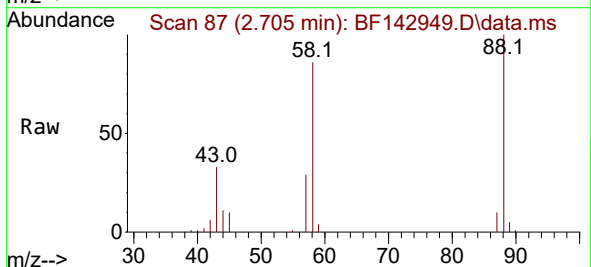
Instrument :
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 ClientSampleId :
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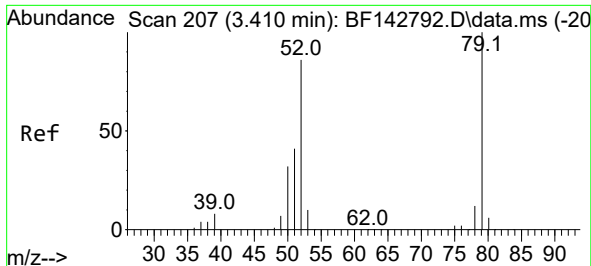
Tgt Ion:152 Resp: 63818
 Ion Ratio Lower Upper
 152 100
 150 161.2 127.2 190.8
 115 57.6 46.6 69.8



#2
 1,4-Dioxane
 Concen: 34.842 ng
 RT: 2.705 min Scan# 87
 Delta R.T. 0.065 min
 Lab File: BF142949.D
 Acq: 01 Jul 2025 14:51

Tgt Ion: 88 Resp: 53418
 Ion Ratio Lower Upper
 88 100
 58 85.9 69.1 103.7
 43 32.9 27.4 41.2

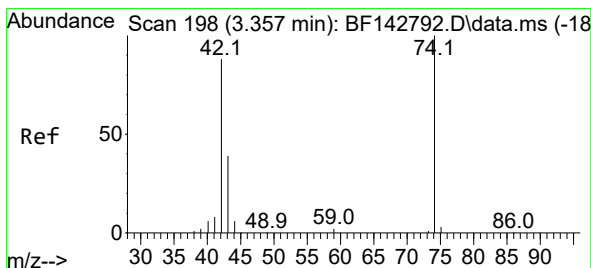
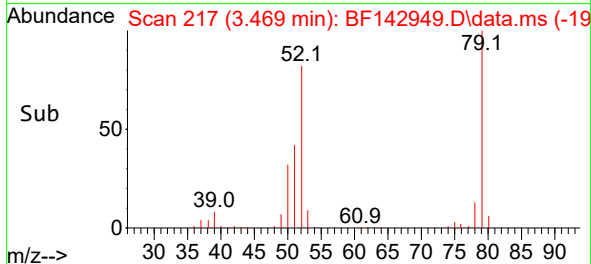
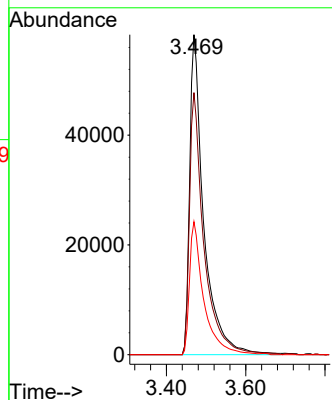
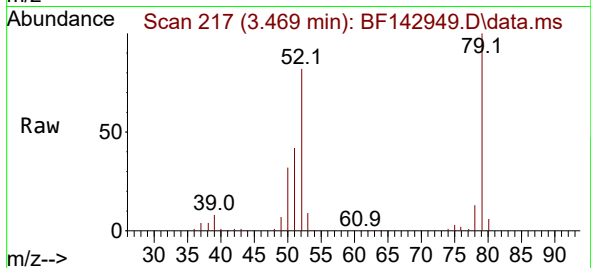




#3
Pyridine
Concen: 37.491 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

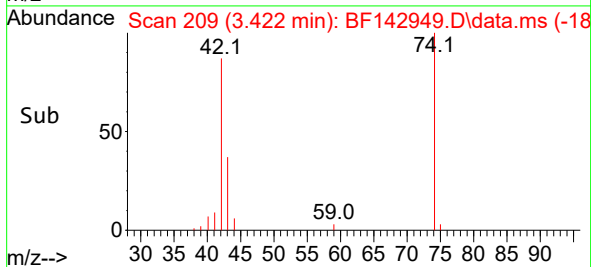
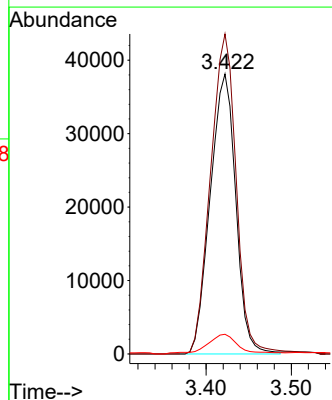
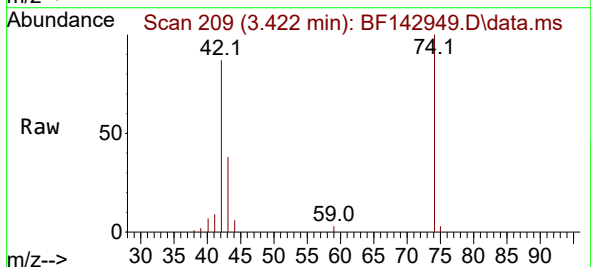
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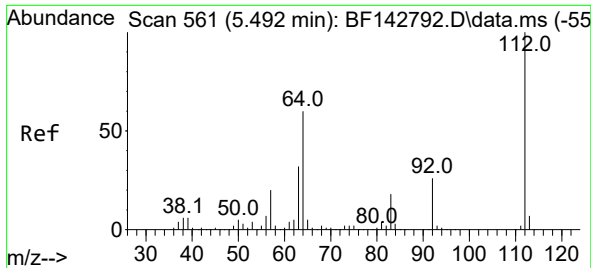
Tgt Ion: 79 Resp: 144098
Ion Ratio Lower Upper
79 100
52 81.9 69.2 103.8
51 41.6 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 40.014 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion: 42 Resp: 79530
Ion Ratio Lower Upper
42 100
74 114.3 90.9 136.3
44 7.0 5.8 8.6

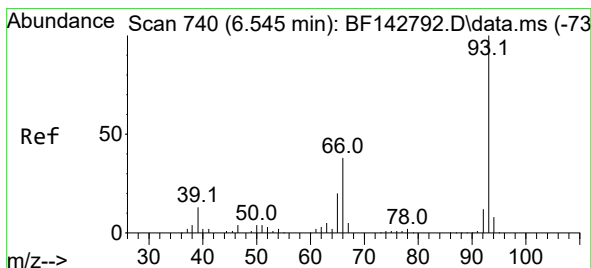
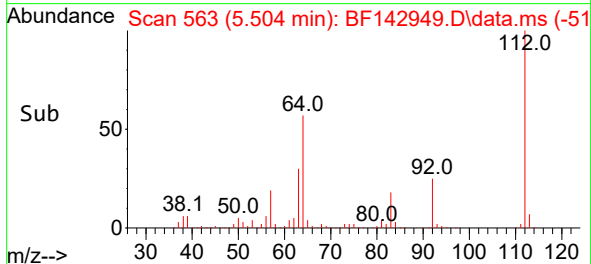
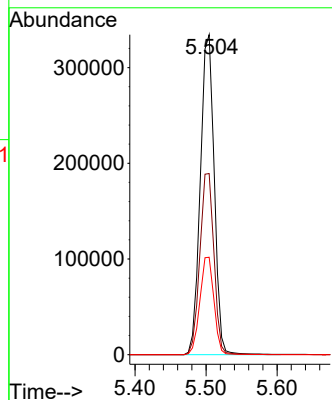
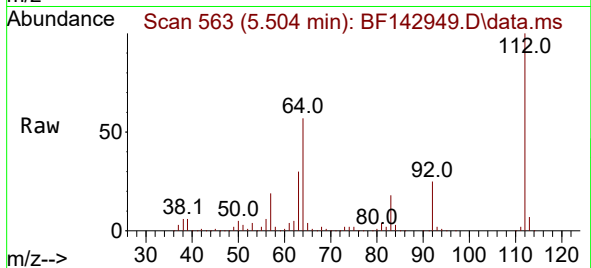




#5
2-Fluorophenol
Concen: 119.180 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

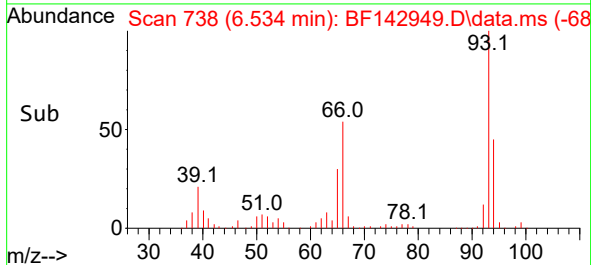
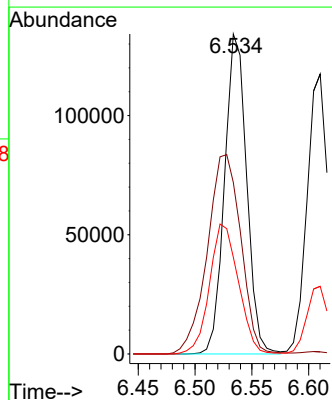
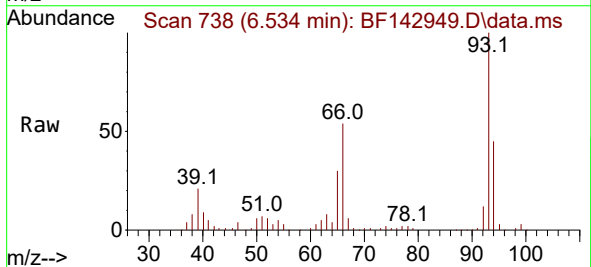
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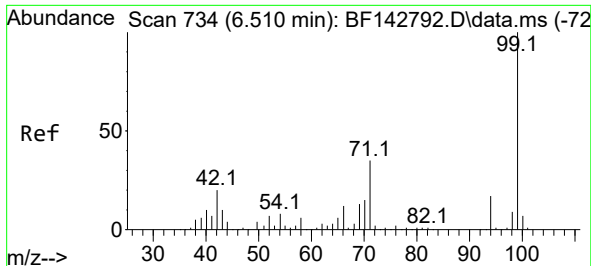
Tgt Ion:112 Resp: 456828
Ion Ratio Lower Upper
112 100
64 56.6 48.2 72.2
63 30.5 25.7 38.5



#6
Aniline
Concen: 30.157 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion: 93 Resp: 181466
Ion Ratio Lower Upper
93 100
66 53.6 31.8 47.6#
65 30.3 16.2 24.2#

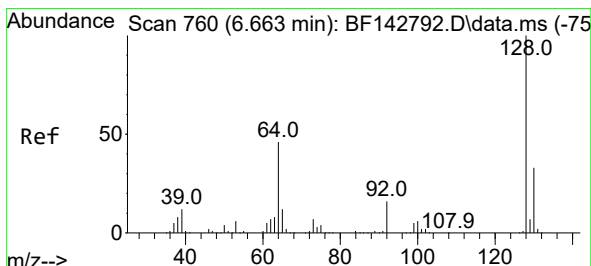
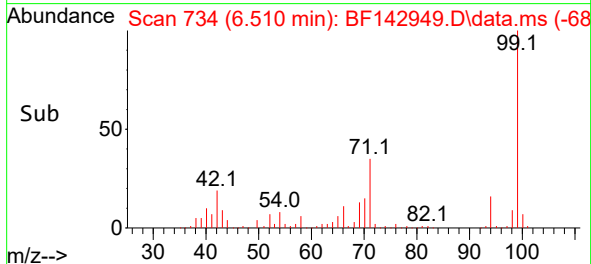
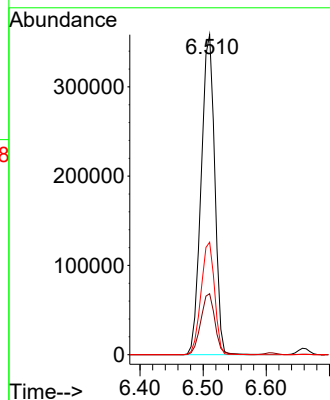
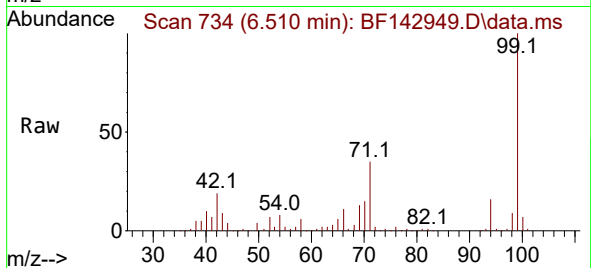




#7
Phenol-d6
Concen: 118.229 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

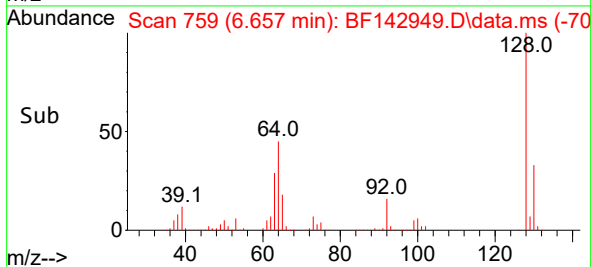
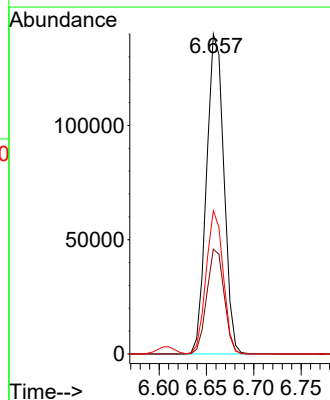
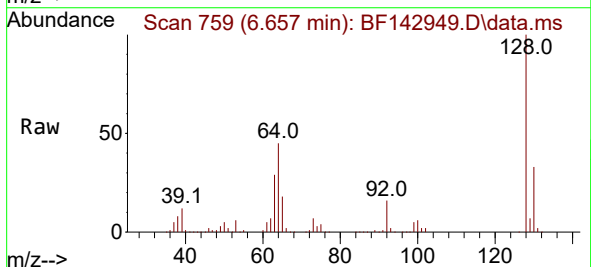
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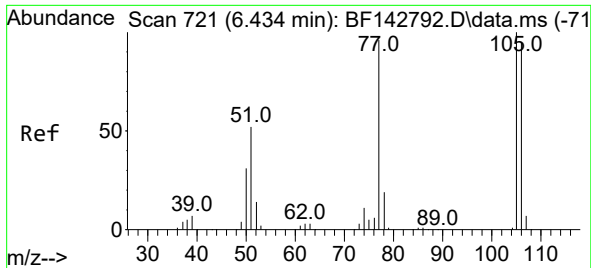
Tgt Ion: 99 Resp: 534667
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.2 27.8 41.8



#8
2-Chlorophenol
Concen: 43.120 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:128 Resp: 178292
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 44.8 26.5 66.5

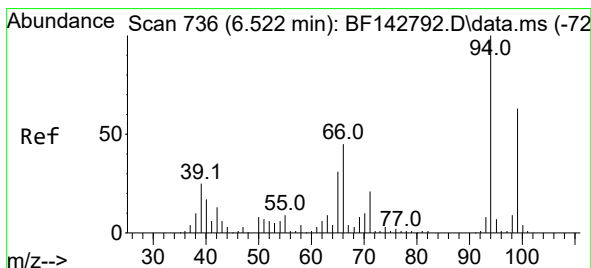
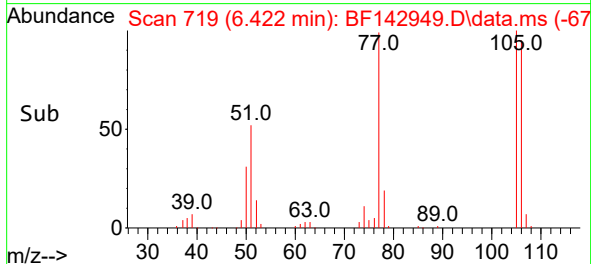
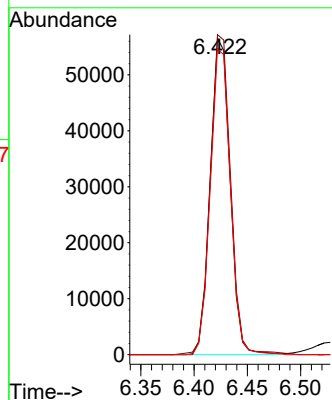
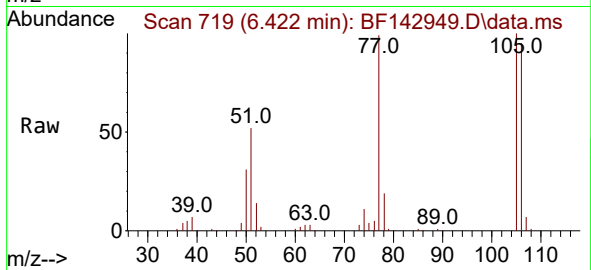




#9
Benzaldehyde
Concen: 27.358 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

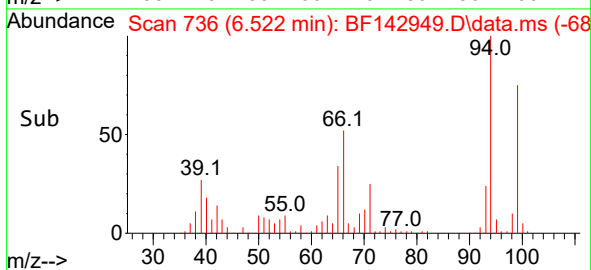
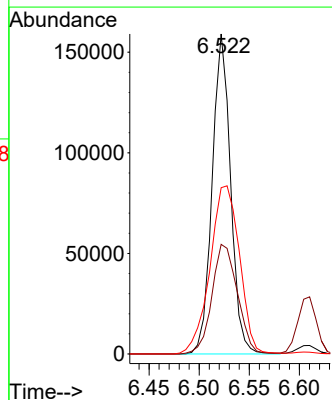
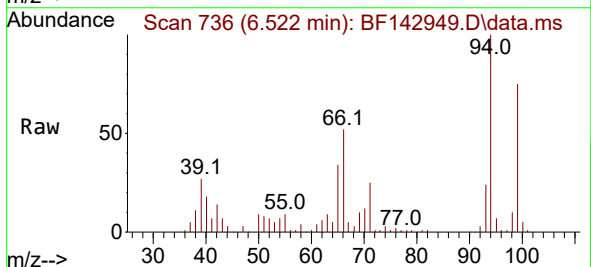
Instrument :
BNA_F
ClientSampleId :
PB168657BS

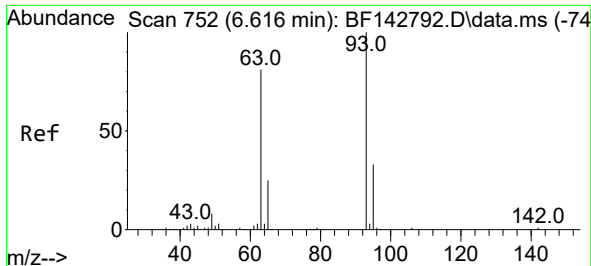
Tgt Ion: 77 Resp: 73402
Ion Ratio Lower Upper
77 100
105 101.1 83.8 123.8
106 96.5 78.7 118.7



#10
Phenol
Concen: 40.514 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion: 94 Resp: 203660
Ion Ratio Lower Upper
94 100
65 34.3 11.3 51.3
66 52.0 24.9 64.9





#11

bis(2-Chloroethyl)ether

Concen: 41.882 ng

RT: 6.610 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

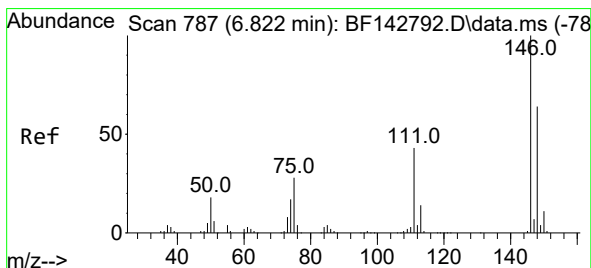
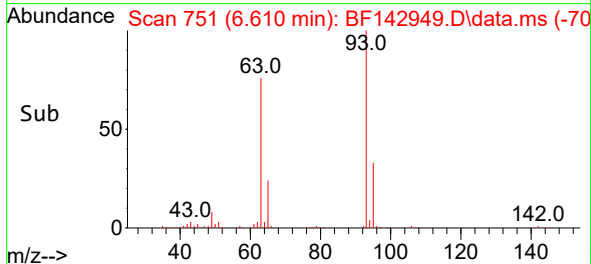
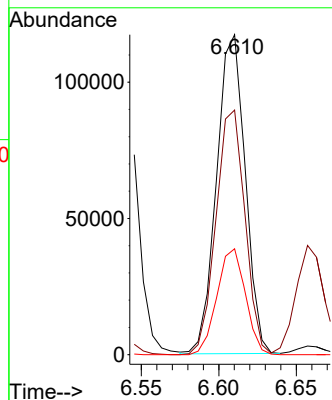
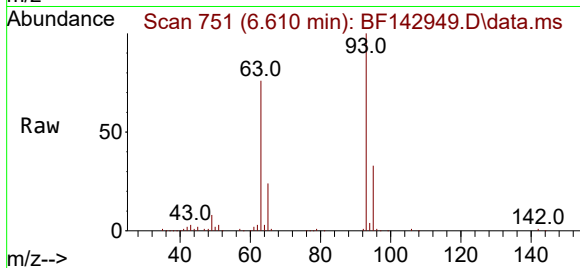
Tgt Ion: 93 Resp: 150474

Ion Ratio Lower Upper

93 100

63 76.4 60.3 100.3

95 33.1 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 42.170 ng

RT: 6.816 min Scan# 786

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

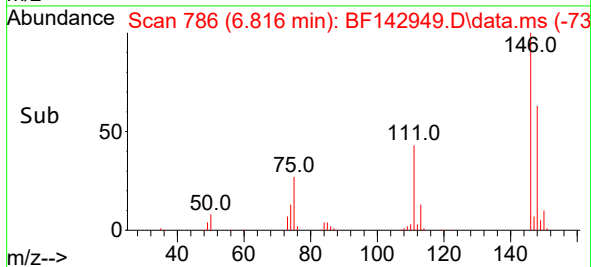
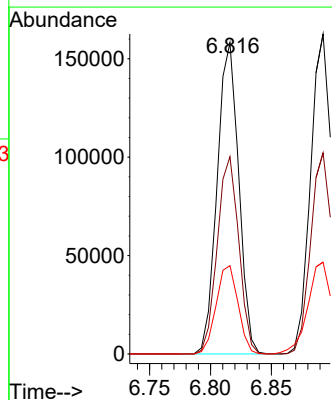
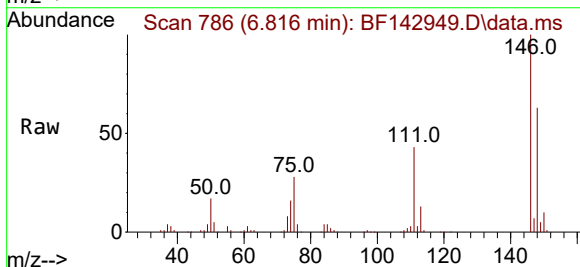
Tgt Ion: 146 Resp: 195006

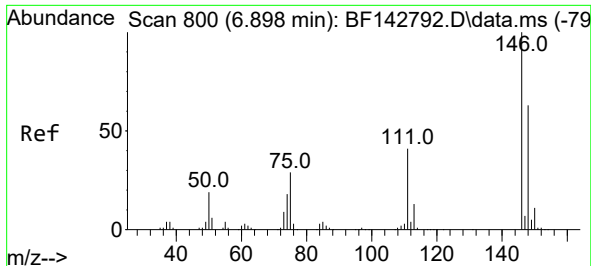
Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

75 28.4 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 42.803 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

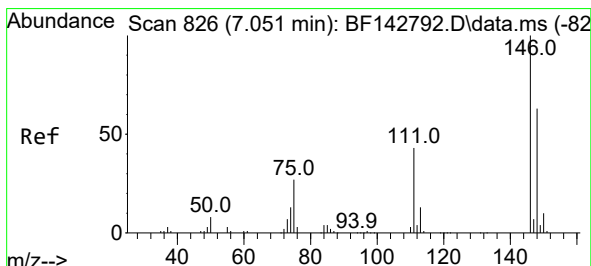
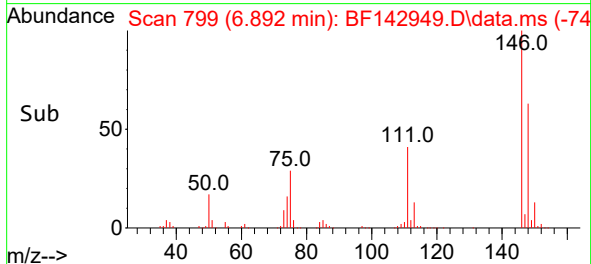
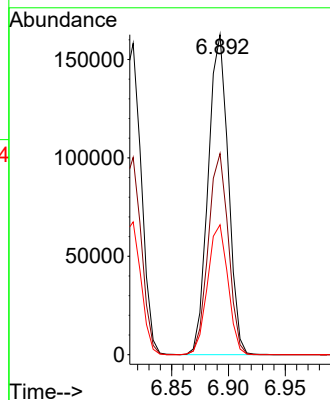
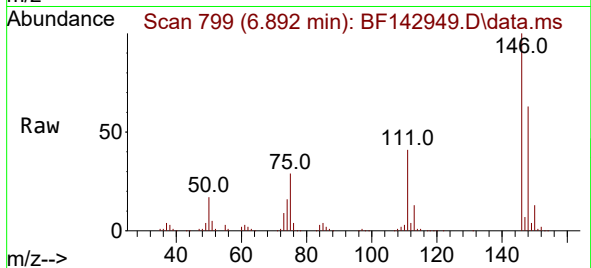
Tgt Ion:146 Resp: 199699

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

111 40.6 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 42.295 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

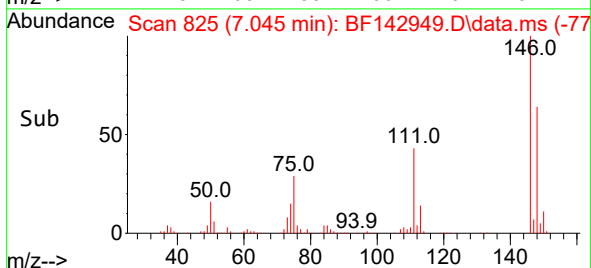
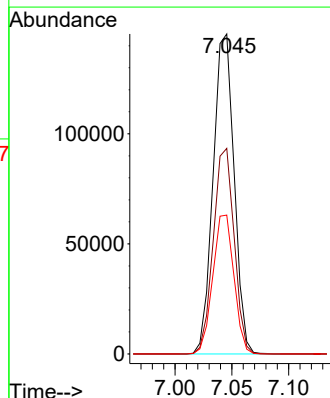
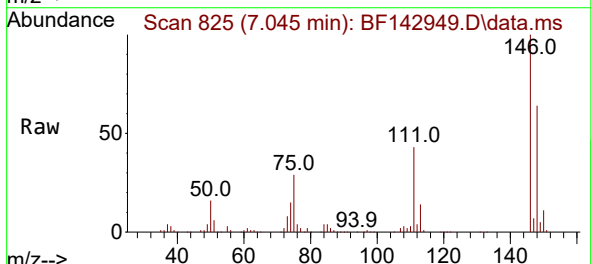
Tgt Ion:146 Resp: 187166

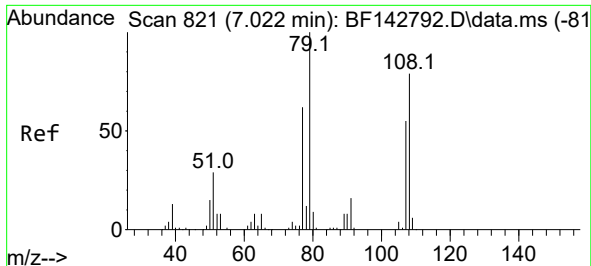
Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

111 43.4 34.1 51.1

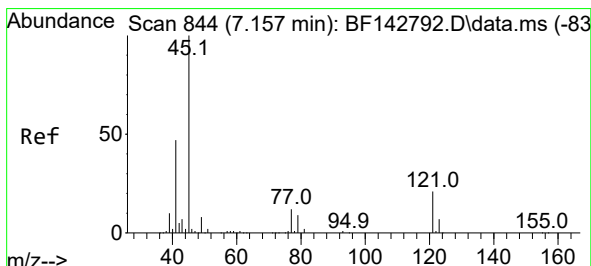
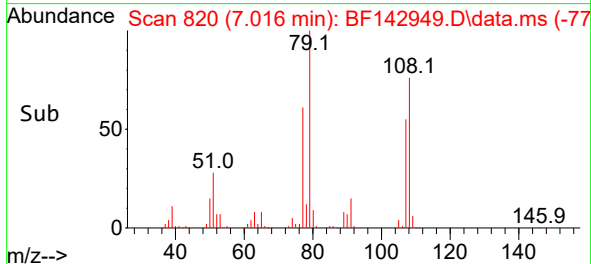
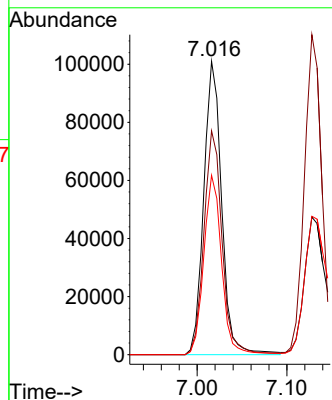
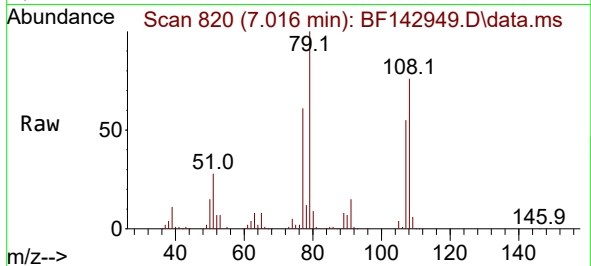




#15
Benzyl Alcohol
Concen: 42.880 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

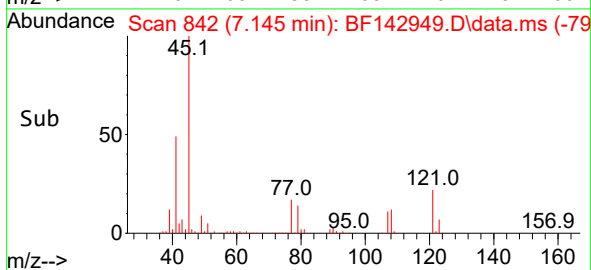
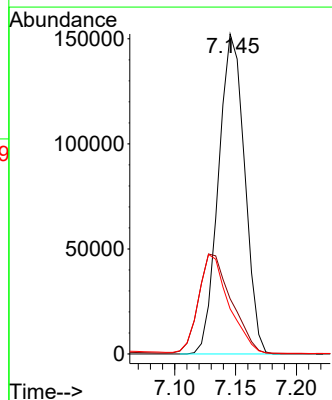
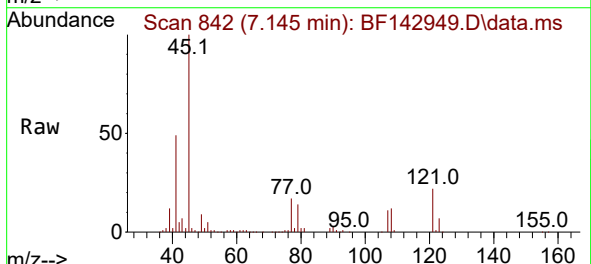
Instrument :
BNA_F
ClientSampleId :
PB168657BS

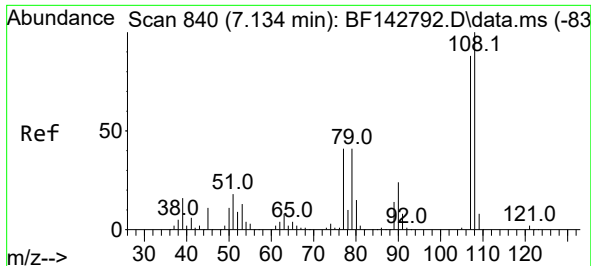
Tgt Ion: 79 Resp: 140188
Ion Ratio Lower Upper
79 100
108 76.3 63.4 95.0
77 61.2 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.402 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion: 45 Resp: 227438
Ion Ratio Lower Upper
45 100
77 17.3 0.0 32.8
79 14.1 0.0 29.8

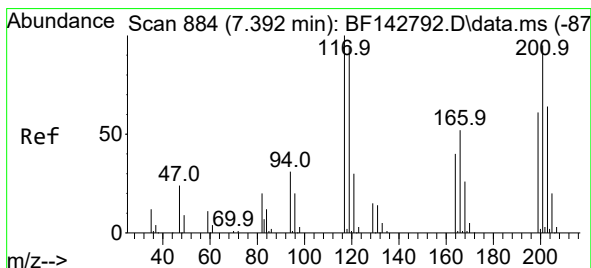
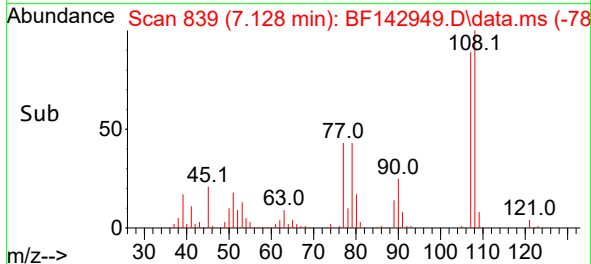
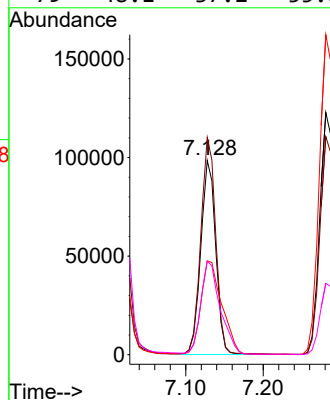
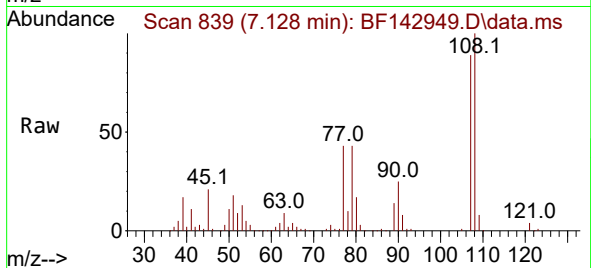




#17
2-Methylphenol
Concen: 42.200 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

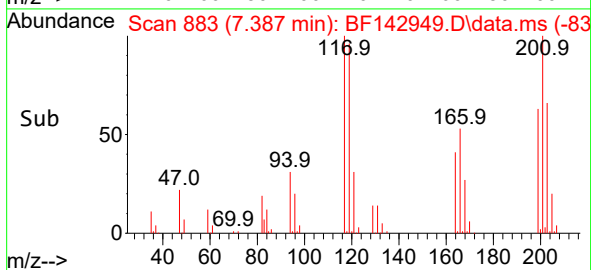
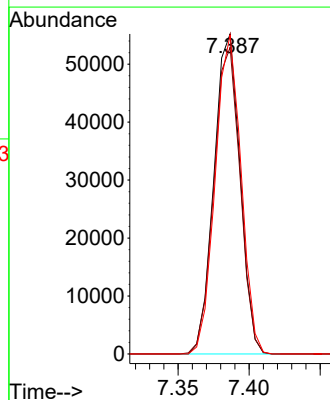
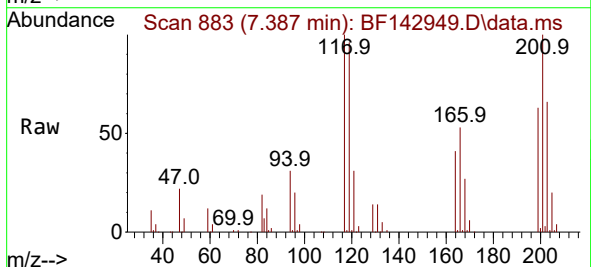
Instrument :
BNA_F
ClientSampleId :
PB168657BS

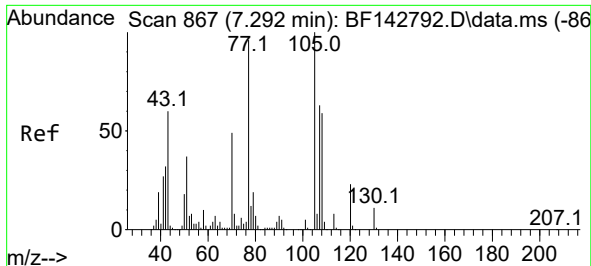
Tgt Ion:107 Resp: 132231
Ion Ratio Lower Upper
107 100
108 111.8 90.9 136.3
77 48.3 37.3 55.9
79 48.1 37.2 55.8



#18
Hexachloroethane
Concen: 43.167 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:117 Resp: 70443
Ion Ratio Lower Upper
117 100
119 95.8 75.4 113.0
201 99.7 75.9 113.9

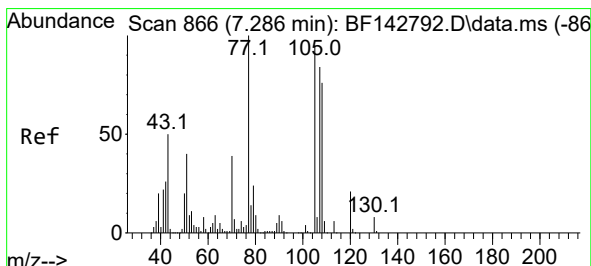
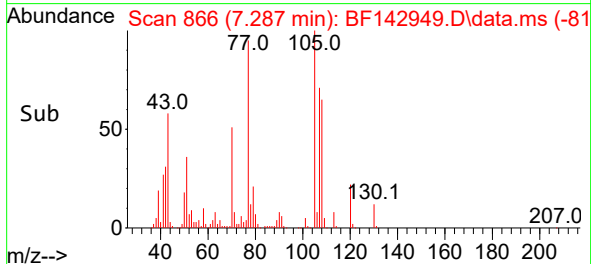
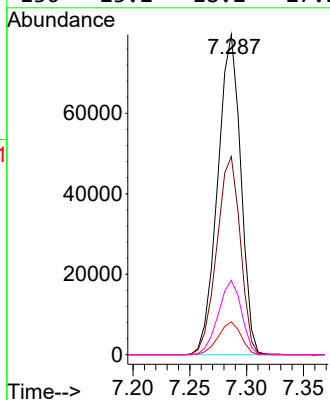
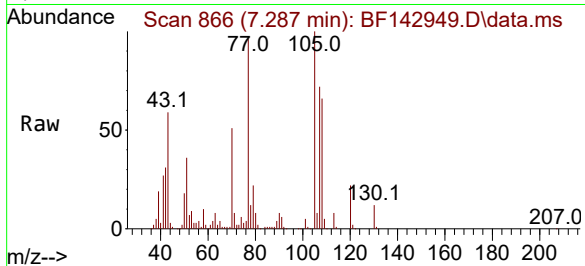




#19
n-Nitroso-di-n-propylamine
Concen: 42.780 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

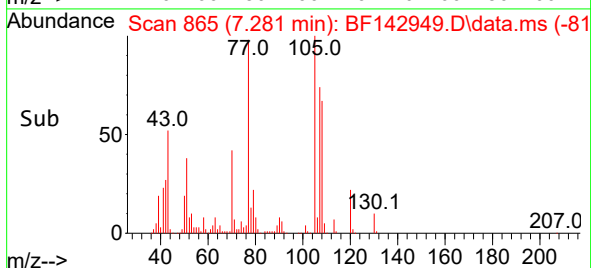
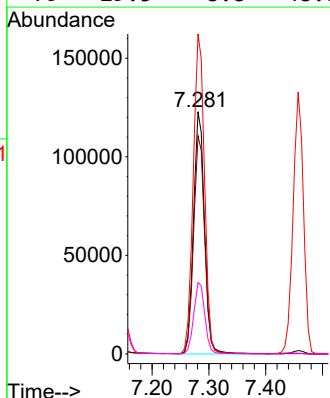
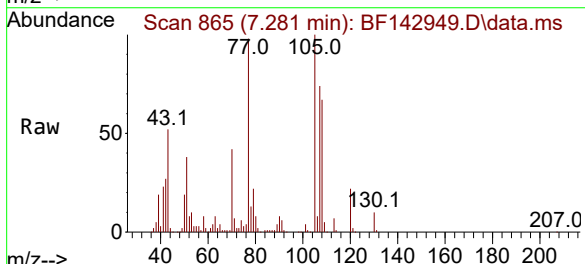
Instrument :
BNA_F
ClientSampleId :
PB168657BS

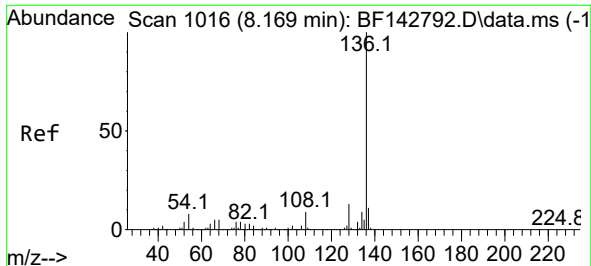
Tgt Ion: 70 Resp: 112520
Ion Ratio Lower Upper
70 100
42 61.9 52.1 78.1
101 10.2 8.2 12.2
130 23.2 18.2 27.2



#20
3+4-Methylphenols
Concen: 42.789 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:107 Resp: 167168
Ion Ratio Lower Upper
107 100
108 90.1 70.0 110.0
77 132.1 98.5 138.5
79 29.5 8.8 48.8

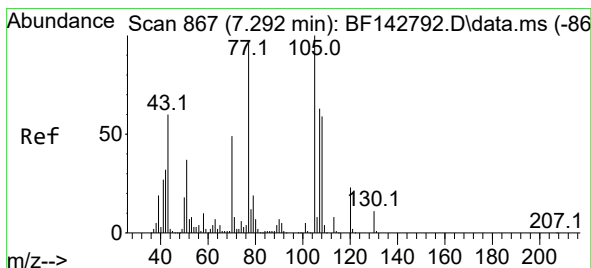
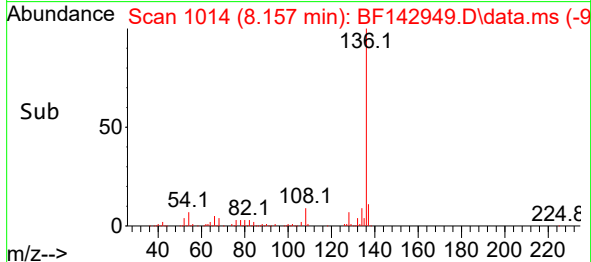
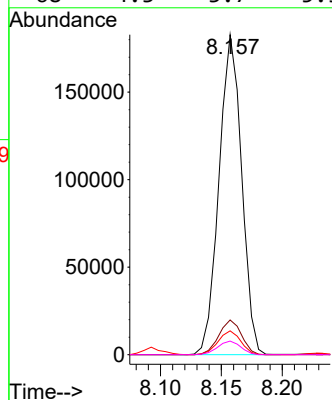
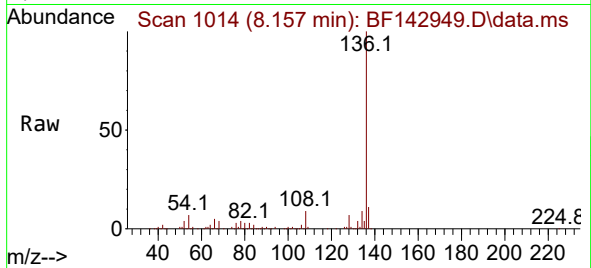




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

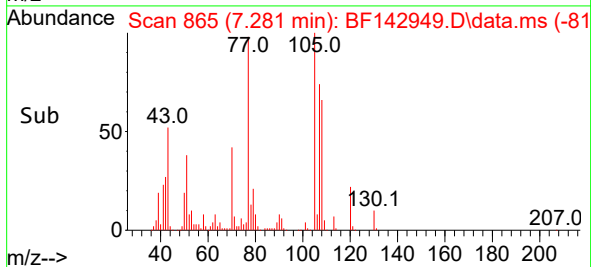
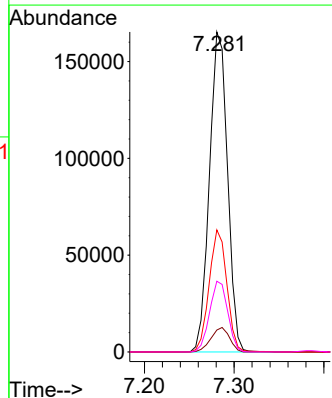
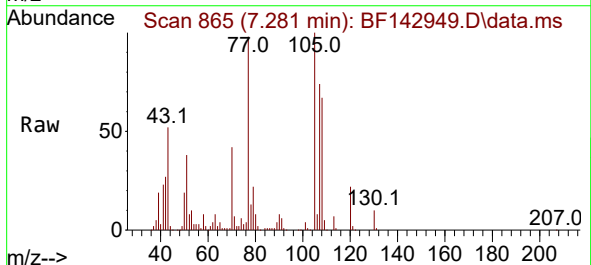
Instrument :
BNA_F
ClientSampleId :
PB168657BS

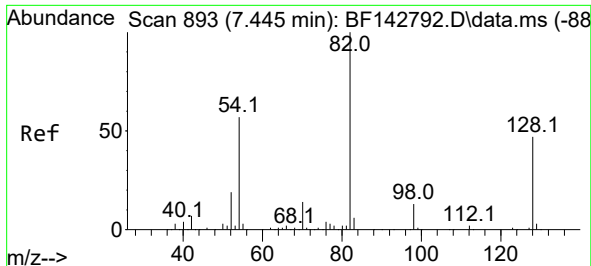
Tgt Ion:	136	Resp:	236768
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	7.5	6.3	9.5
68	4.3	3.7	5.5



#22
Acetophenone
Concen: 44.281 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:	105	Resp:	231199
Ion Ratio	Lower	Upper	
105	100		
71	6.9	6.5	9.7
51	38.2	29.8	44.8
120	22.1	18.2	27.2





#23

Nitrobenzene-d5

Concen: 77.036 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.005 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

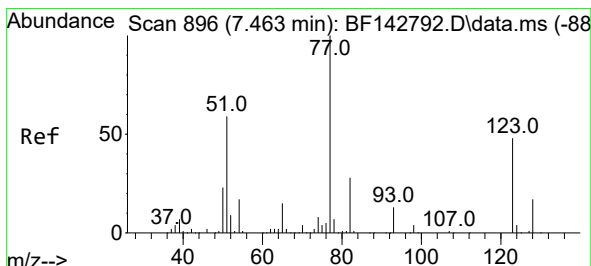
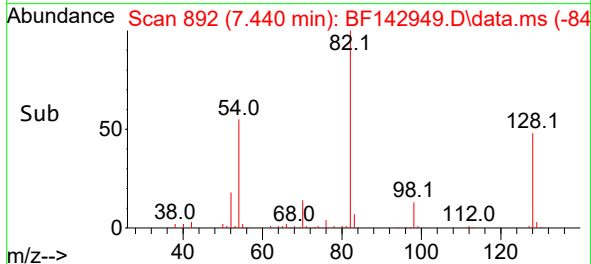
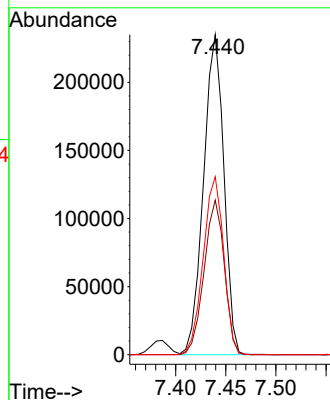
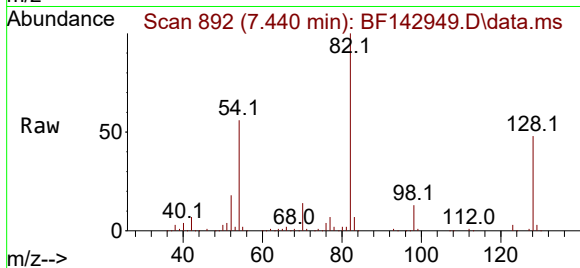
Tgt Ion: 82 Resp: 332531

Ion Ratio Lower Upper

82 100

128 48.3 37.7 56.5

54 55.6 45.7 68.5



#24

Nitrobenzene

Concen: 43.010 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

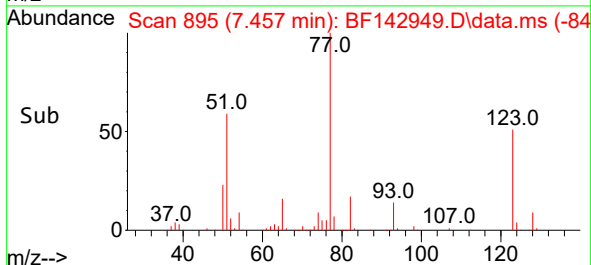
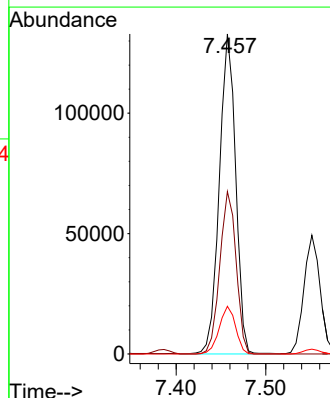
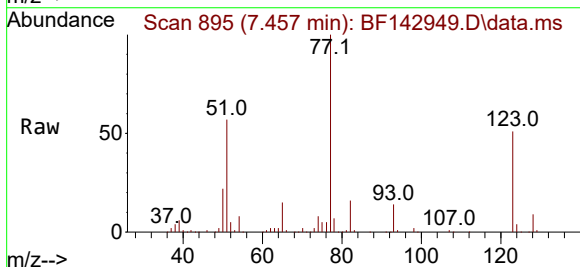
Tgt Ion: 77 Resp: 168037

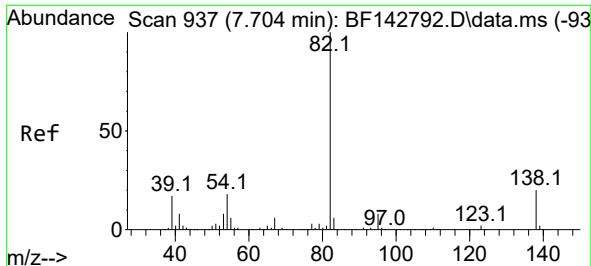
Ion Ratio Lower Upper

77 100

123 50.8 39.2 58.8

65 14.9 11.6 17.4

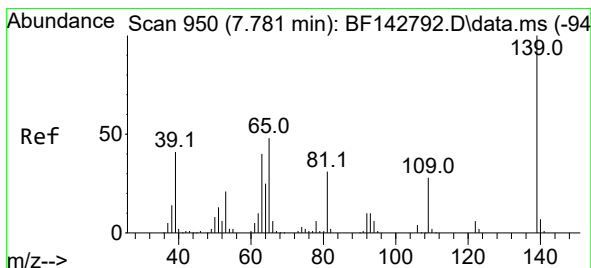
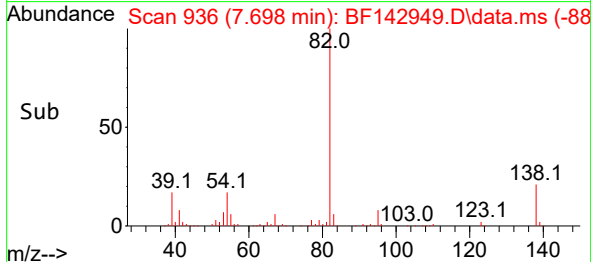
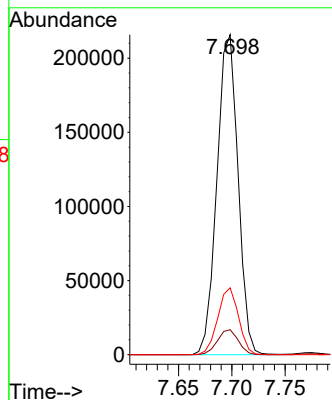
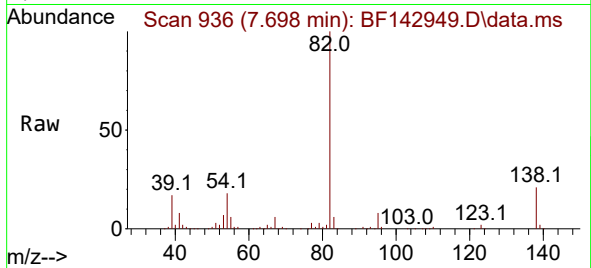




#25
Isophorone
Concen: 42.847 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

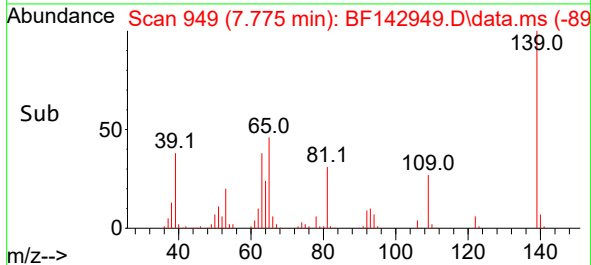
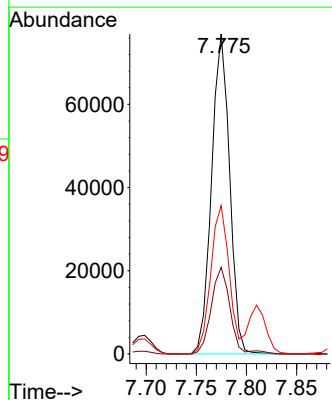
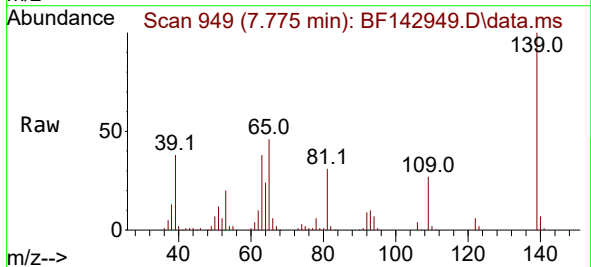
Instrument :
BNA_F
ClientSampleId :
PB168657BS

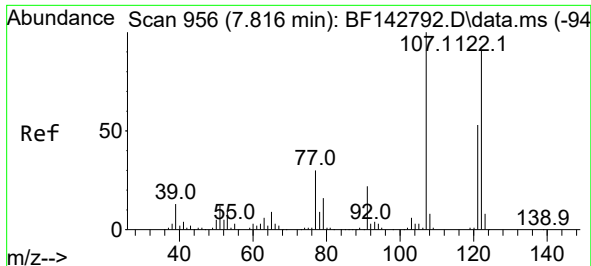
Tgt Ion: 82 Resp: 296695
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.9 16.2 24.4



#26
2-Nitrophenol
Concen: 45.276 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:139 Resp: 96360
Ion Ratio Lower Upper
139 100
109 27.1 22.7 34.1
65 46.4 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.369 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

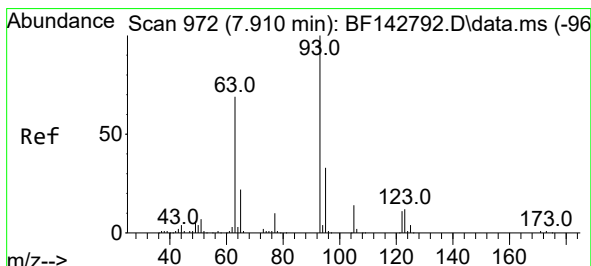
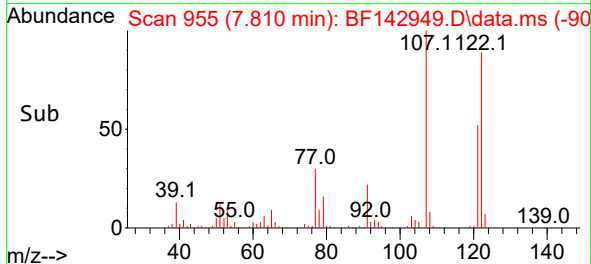
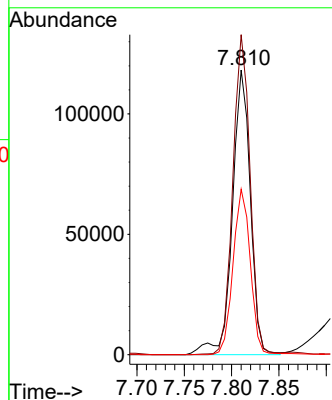
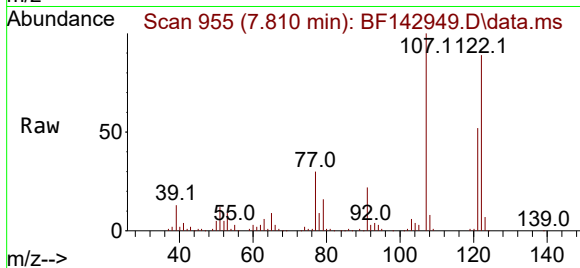
Tgt Ion:122 Resp: 156194

Ion Ratio Lower Upper

122 100

107 112.4 88.0 132.0

121 58.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.172 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

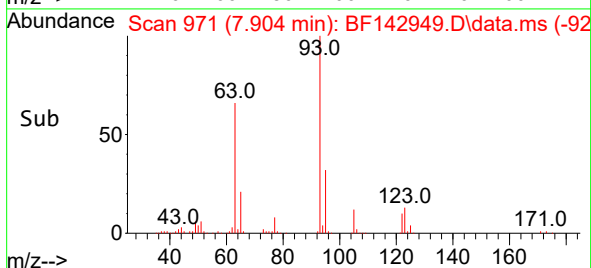
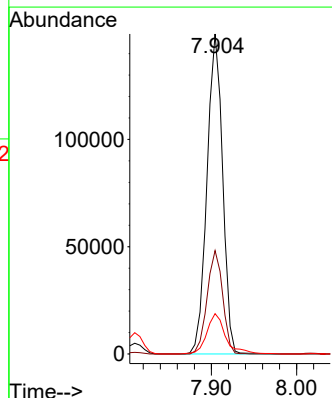
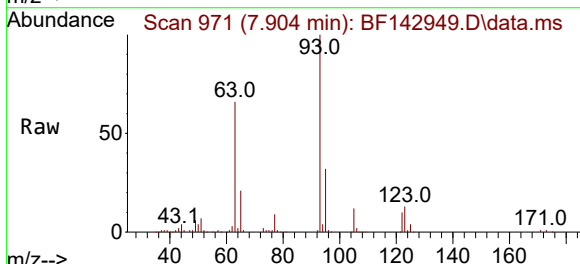
Tgt Ion: 93 Resp: 190053

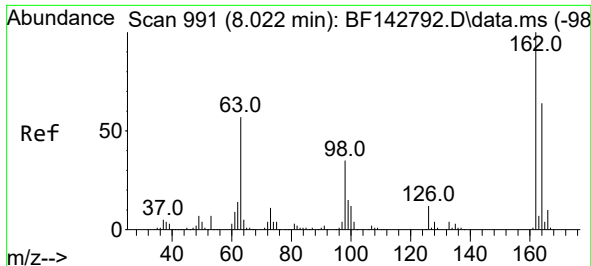
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 12.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.195 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

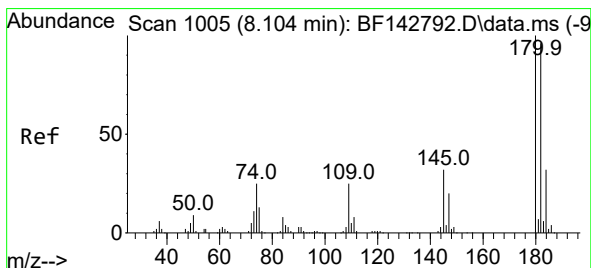
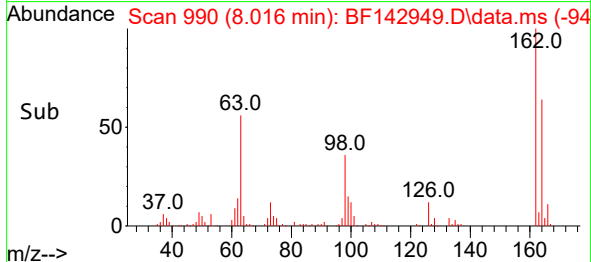
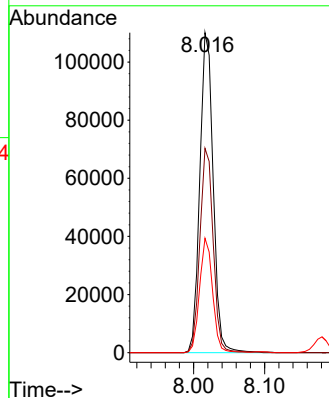
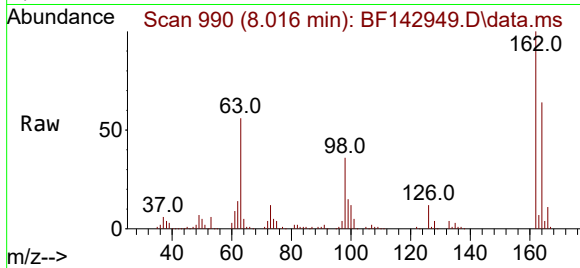
Tgt Ion:162 Resp: 144384

Ion Ratio Lower Upper

162 100

164 63.9 44.0 84.0

98 35.8 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 43.443 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

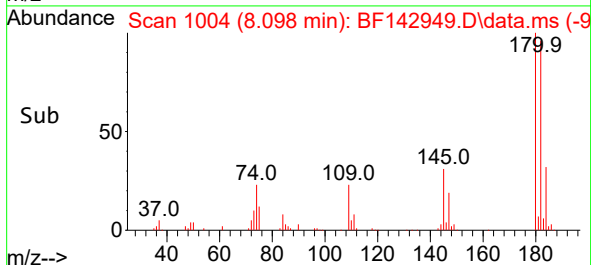
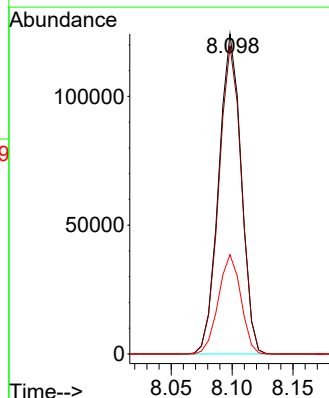
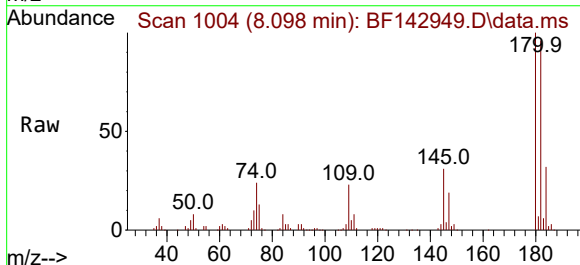
Tgt Ion:180 Resp: 159678

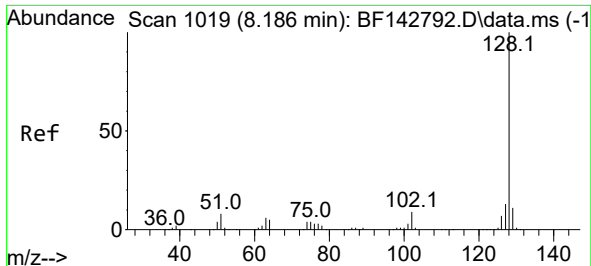
Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

145 31.1 25.8 38.8

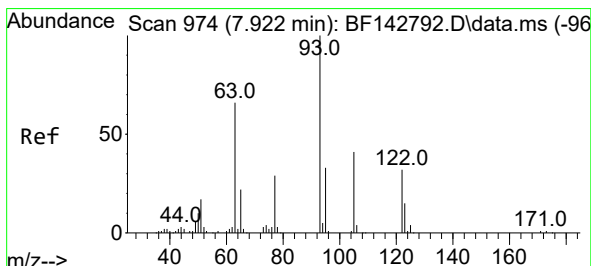
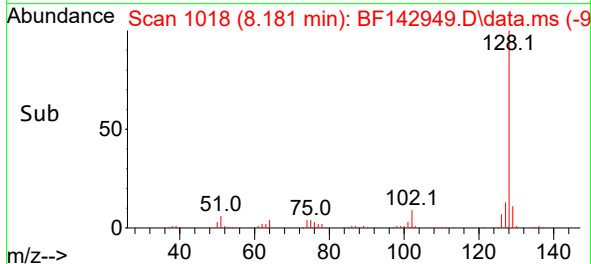
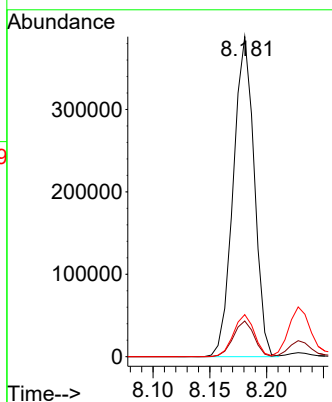
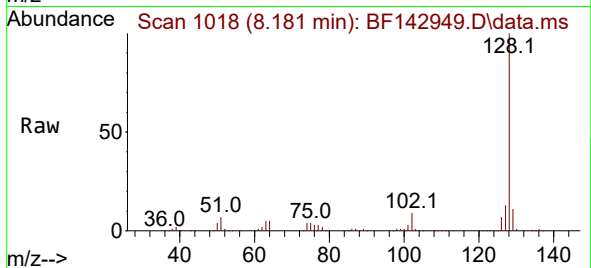




#31
Naphthalene
Concen: 42.933 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

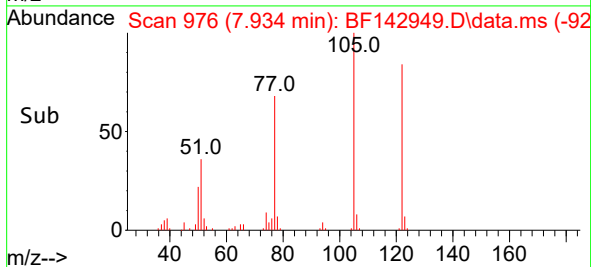
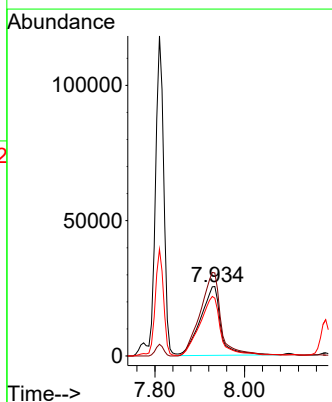
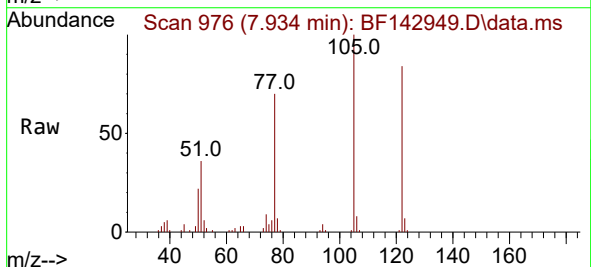
Instrument :
BNA_F
ClientSampleId :
PB168657BS

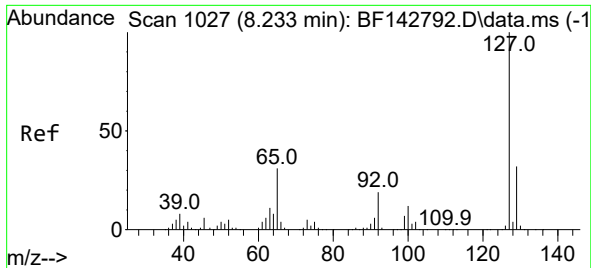
Tgt Ion:128 Resp: 497573
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 42.837 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:122 Resp: 80490
Ion Ratio Lower Upper
122 100
105 119.5 104.7 144.7
77 83.2 70.2 110.2

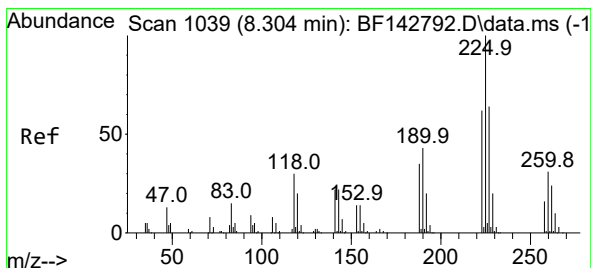
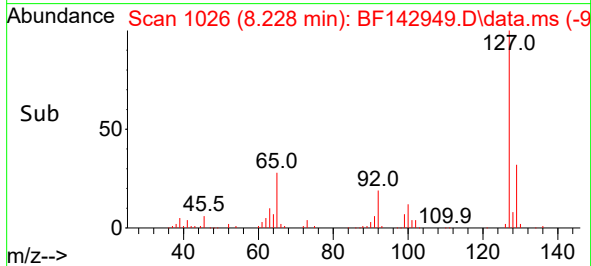
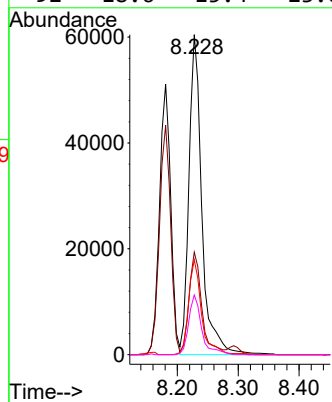
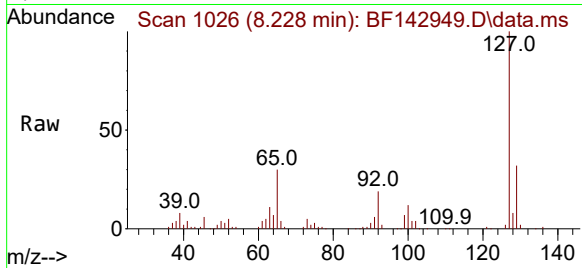




#33
4-Chloroaniline
Concen: 18.932 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

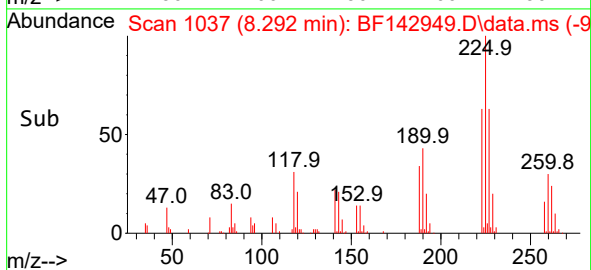
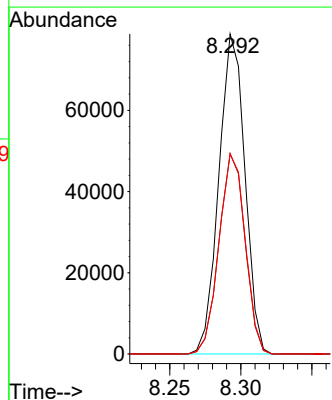
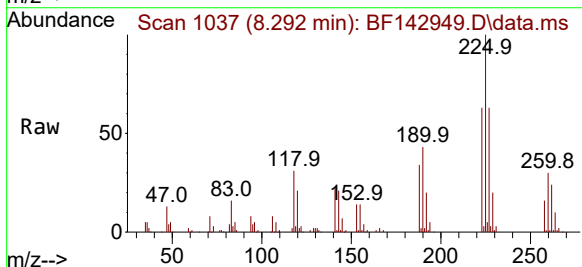
Instrument :
BNA_F
ClientSampleId :
PB168657BS

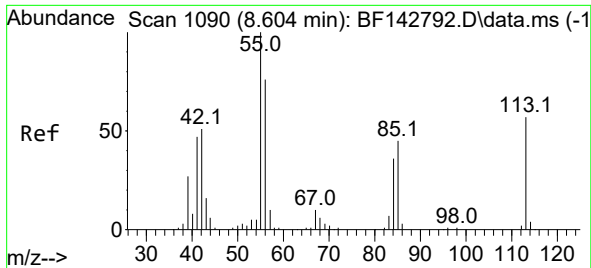
Tgt Ion:127	Resp:	89216
Ion Ratio	Lower	Upper
127	100	
129	32.1	25.9 38.9
65	29.7	24.6 36.8
92	18.6	15.4 23.0



#34
Hexachlorobutadiene
Concen: 44.657 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:225	Resp:	100402
Ion Ratio	Lower	Upper
225	100	
223	62.6	49.9 74.9
227	62.5	51.4 77.0

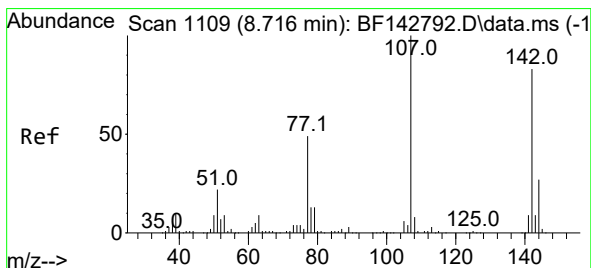
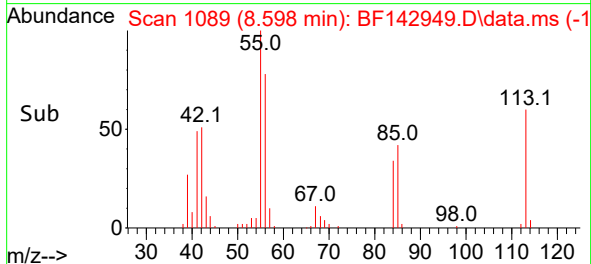
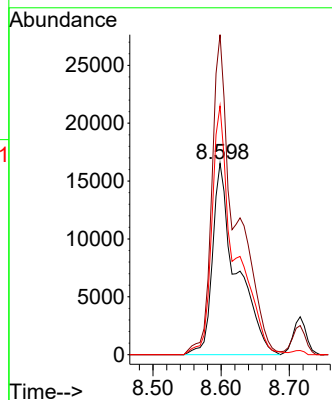
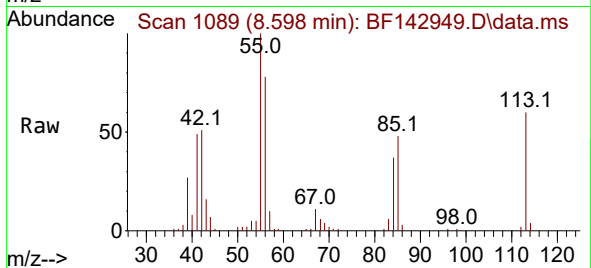




#35
 Caprolactam
 Concen: 45.530 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF142949.D
 Acq: 01 Jul 2025 14:51

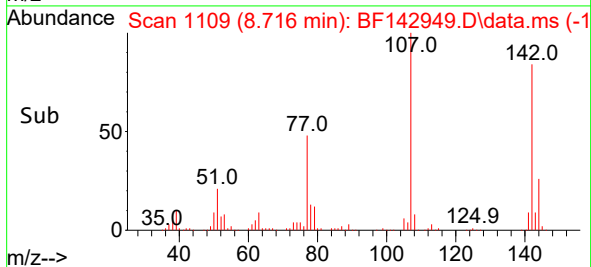
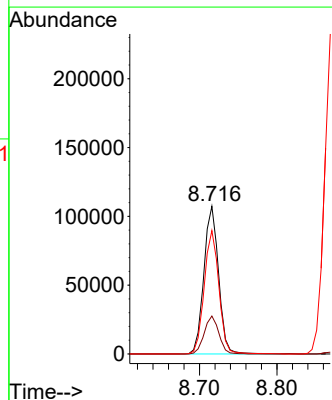
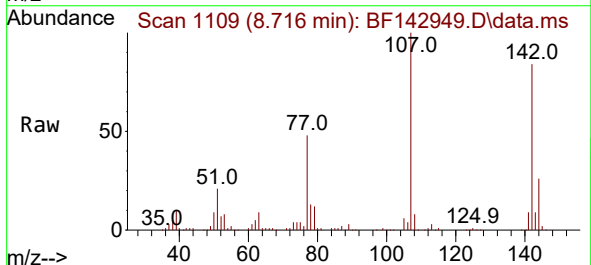
Instrument :
 BNA_F
 ClientSampleId :
 PB168657BS

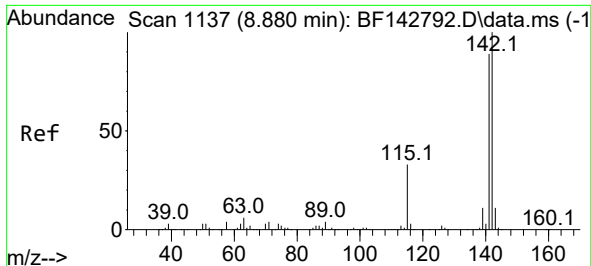
Tgt Ion:113 Resp: 40160
 Ion Ratio Lower Upper
 113 100
 55 167.3 154.4 194.4
 56 130.1 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.597 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142949.D
 Acq: 01 Jul 2025 14:51

Tgt Ion:107 Resp: 141509
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.3 31.9
 142 83.5 66.6 100.0

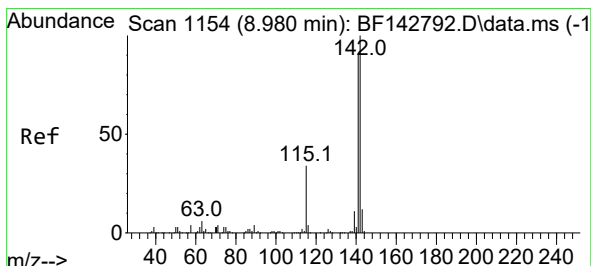
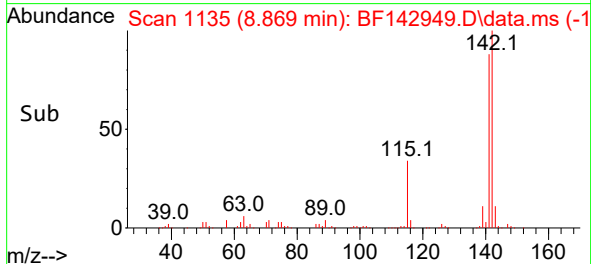
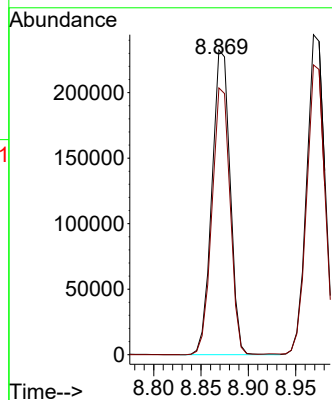
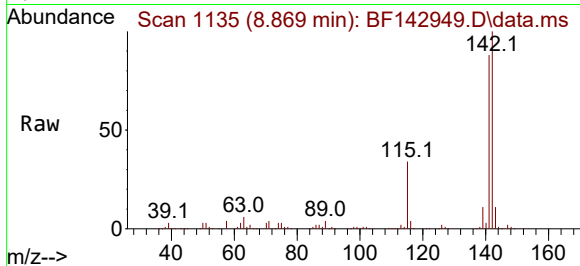




#37
2-Methylnaphthalene
Concen: 43.183 ng
RT: 8.869 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

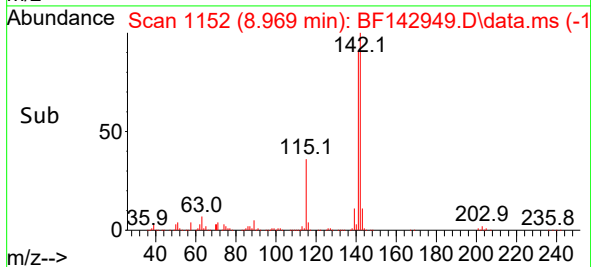
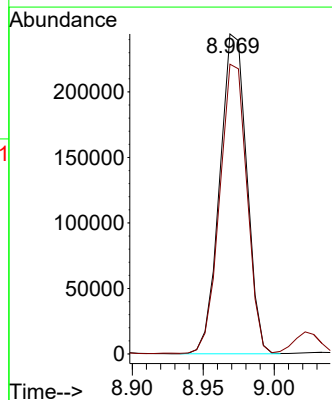
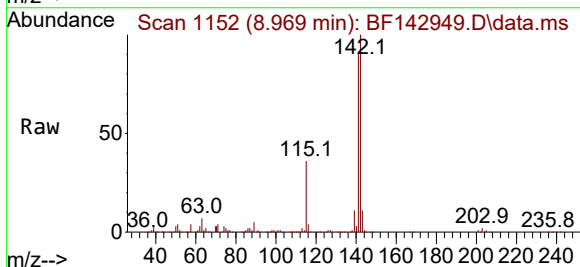
Instrument :
BNA_F
ClientSampleId :
PB168657BS

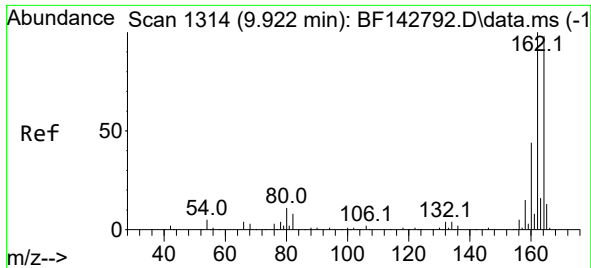
Tgt Ion:142 Resp: 310269
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3



#38
1-Methylnaphthalene
Concen: 43.385 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:142 Resp: 322691
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.4

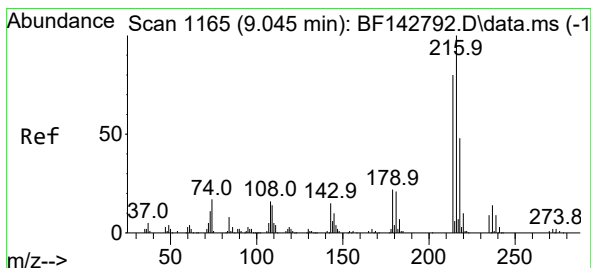
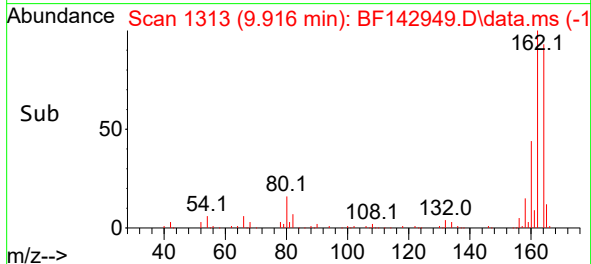
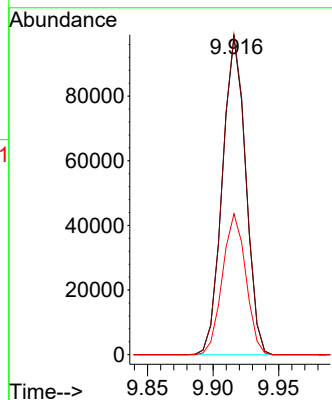
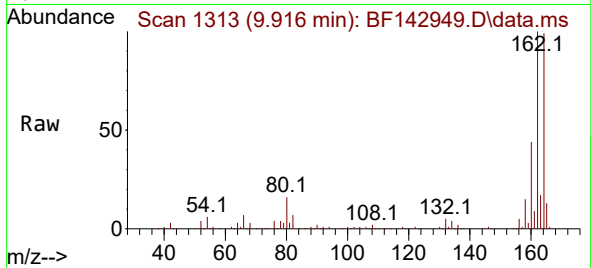




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

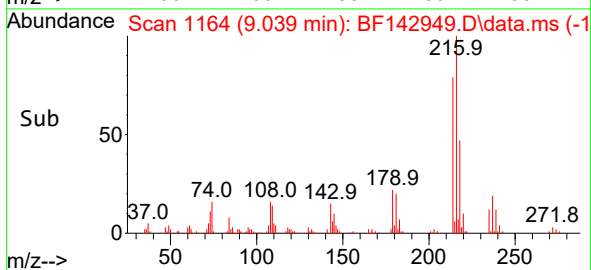
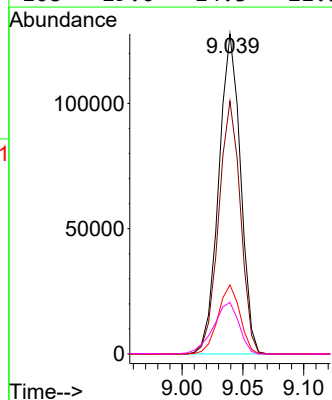
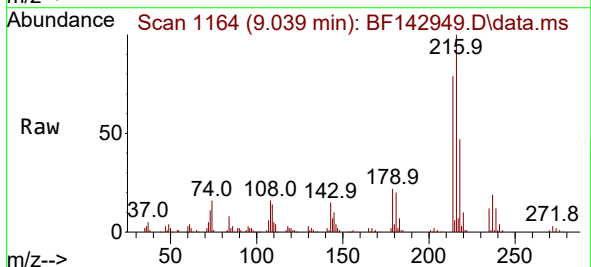
Instrument :
BNA_F
ClientSampleId :
PB168657BS

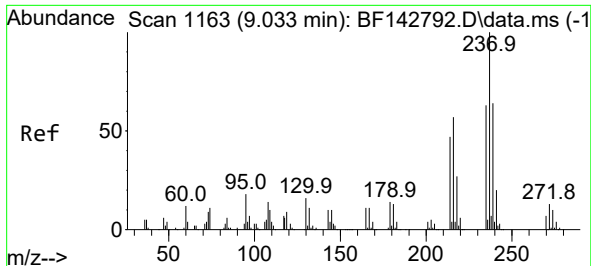
Tgt Ion:164 Resp: 121409
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.8
160 44.4 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.446 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

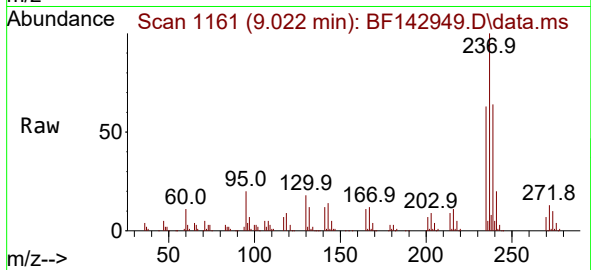
Tgt Ion:216 Resp: 159221
Ion Ratio Lower Upper
216 100
214 78.8 63.7 95.5
179 21.8 17.6 26.4
108 19.0 14.3 21.5



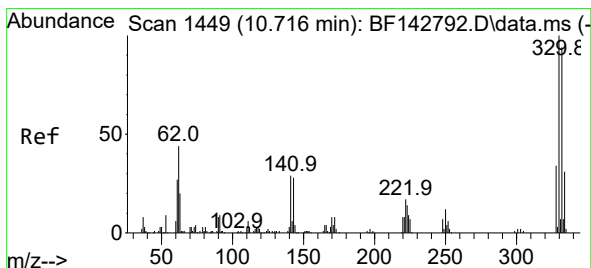
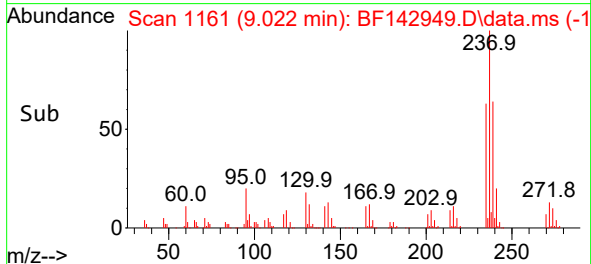
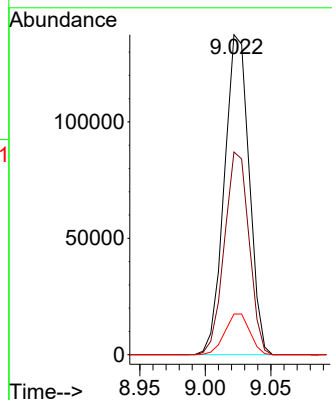


#41
Hexachlorocyclopentadiene
Concen: 88.763 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Instrument :
BNA_F
ClientSampleId :
PB168657BS

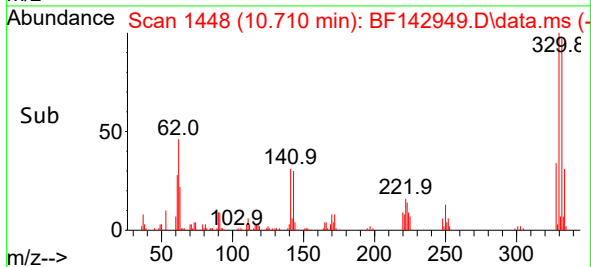
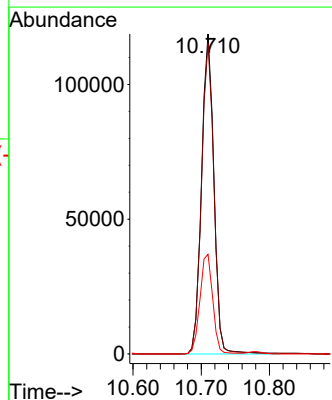
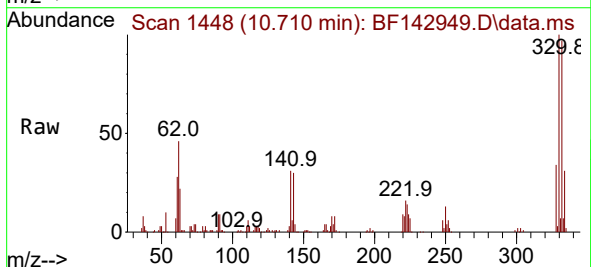


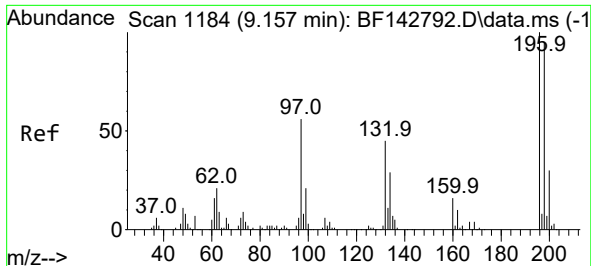
Tgt Ion:237 Resp: 180450
Ion Ratio Lower Upper
237 100
235 63.3 43.4 83.4
272 12.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 119.769 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:330 Resp: 149637
Ion Ratio Lower Upper
330 100
332 97.4 75.0 112.6
141 32.3 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 42.412 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

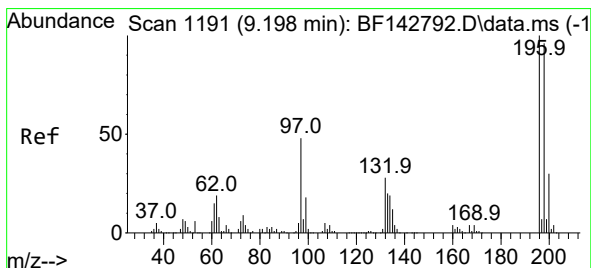
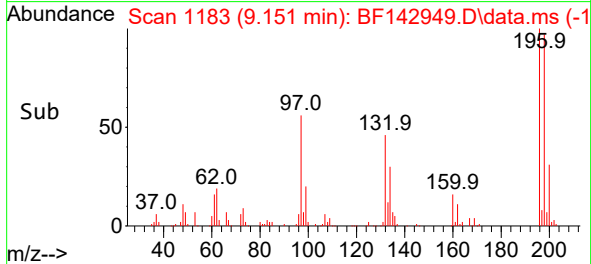
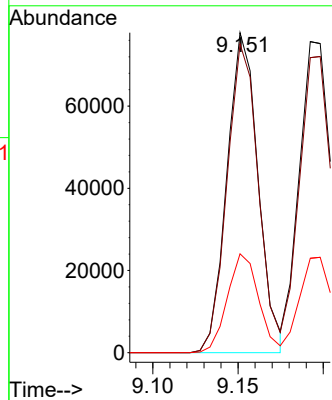
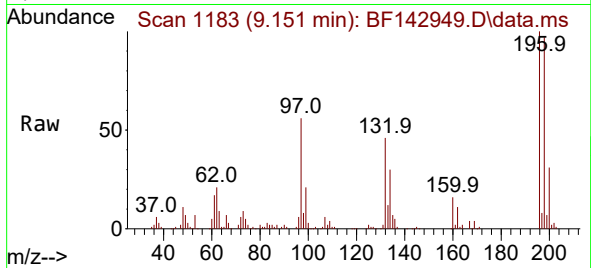
Tgt Ion:196 Resp: 99005

Ion Ratio Lower Upper

196 100

198 96.5 76.2 114.2

200 30.9 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.392 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Tgt Ion:196 Resp: 104172

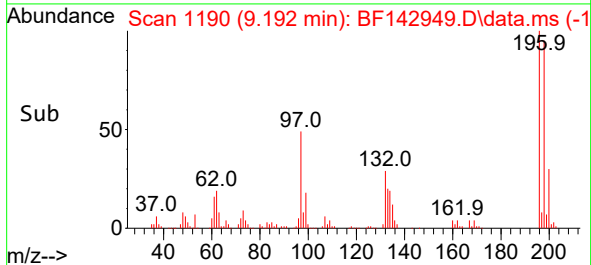
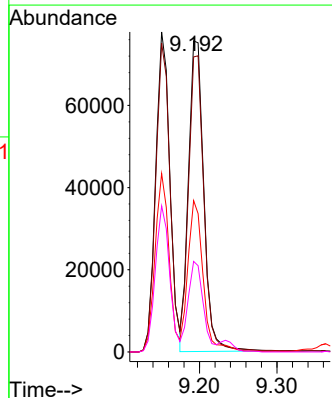
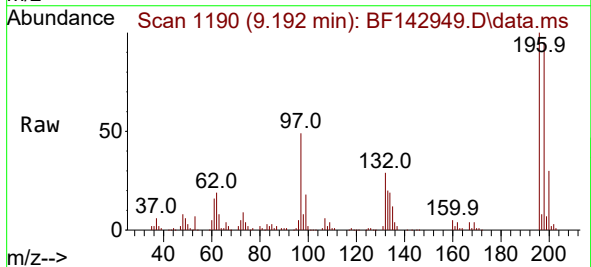
Ion Ratio Lower Upper

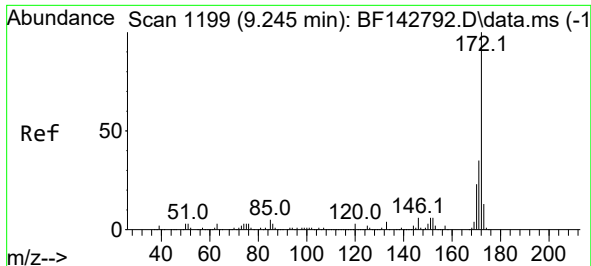
196 100

198 94.9 76.6 115.0

97 48.7 38.2 57.2

132 29.1 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 77.886 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

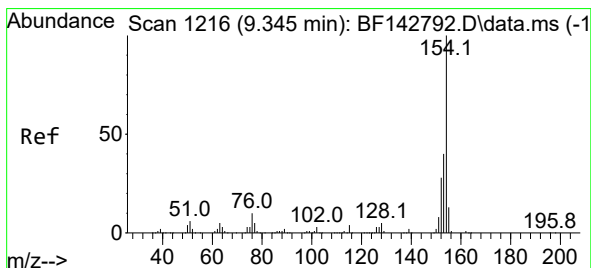
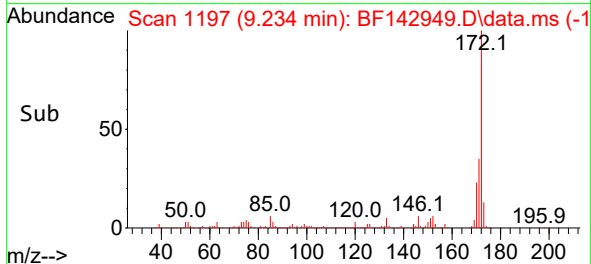
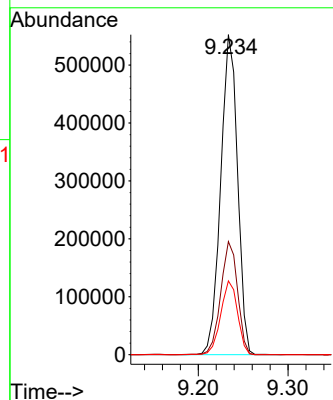
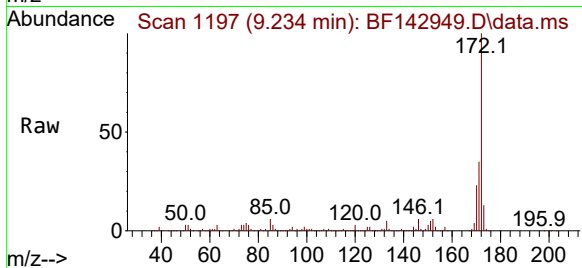
Tgt Ion:172 Resp: 719819

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.0 18.5 27.7



#46

1,1'-Biphenyl

Concen: 43.795 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

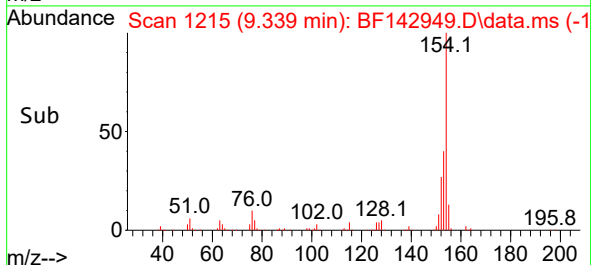
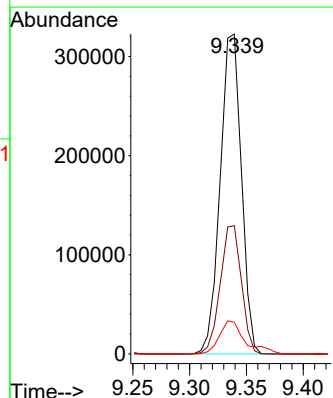
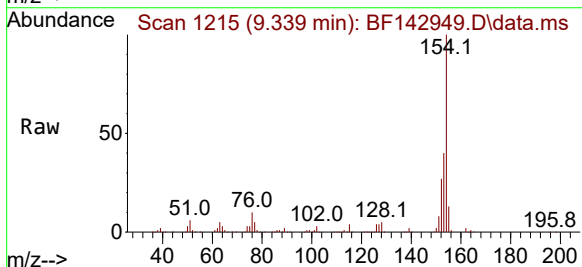
Tgt Ion:154 Resp: 420020

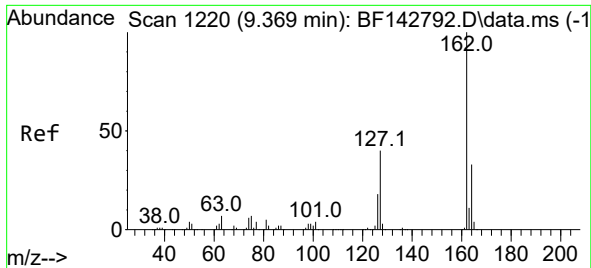
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 9.9 0.0 30.3





#47

2-Chloronaphthalene

Concen: 43.201 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

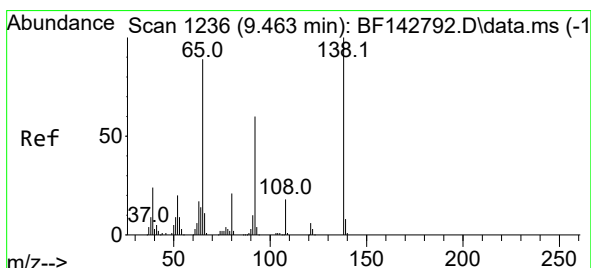
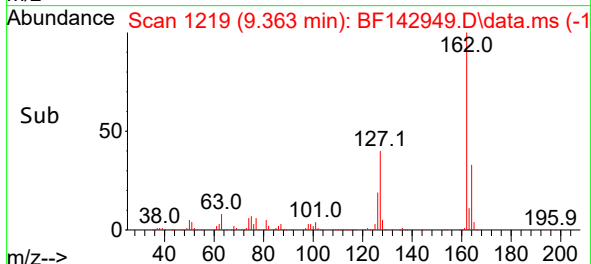
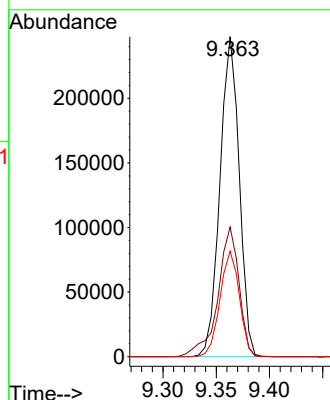
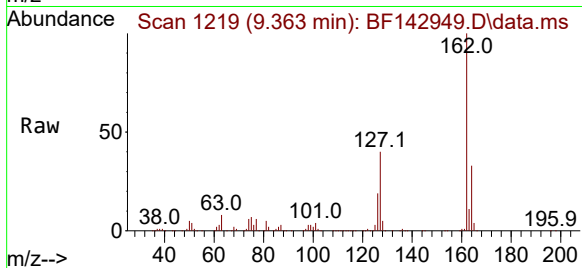
Tgt Ion:162 Resp: 310923

Ion Ratio Lower Upper

162 100

127 40.5 32.2 48.2

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 42.376 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

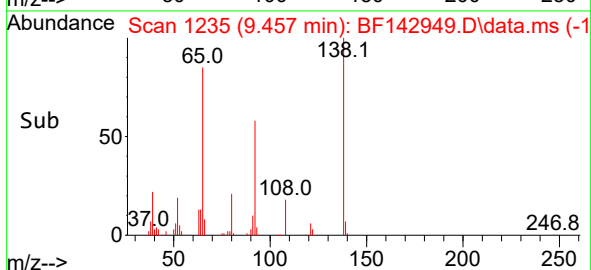
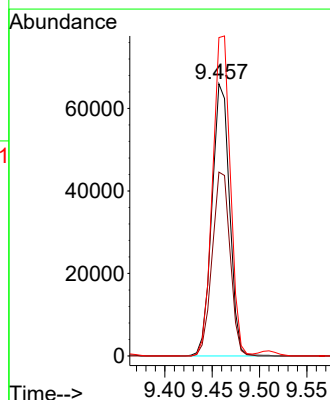
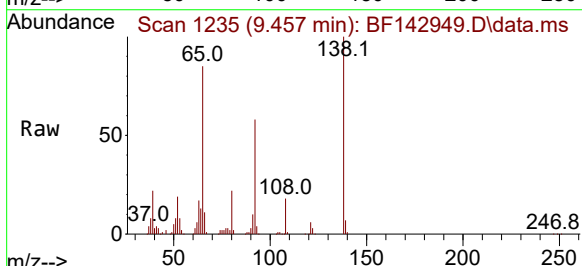
Tgt Ion: 65 Resp: 85504

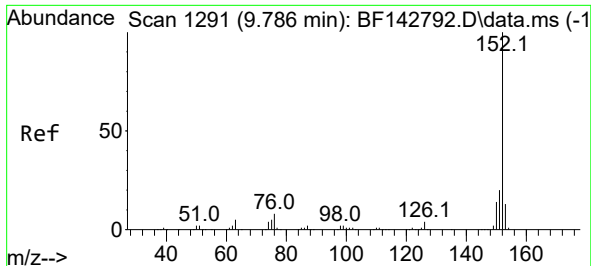
Ion Ratio Lower Upper

65 100

92 67.5 53.8 80.6

138 117.0 89.6 134.4

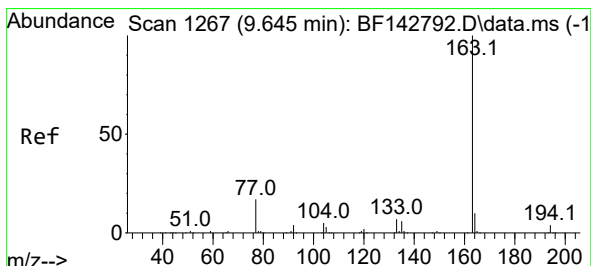
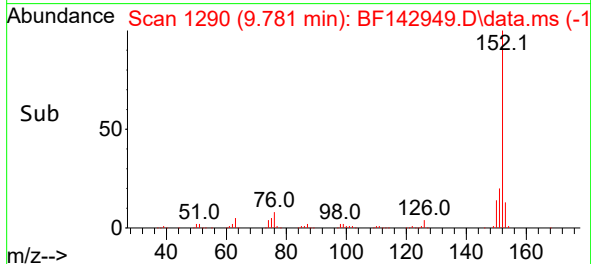
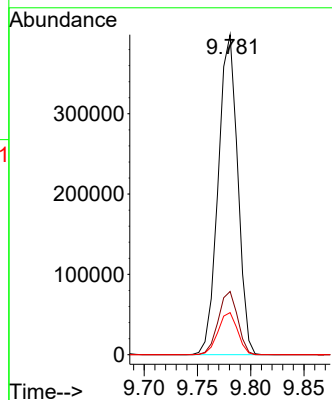
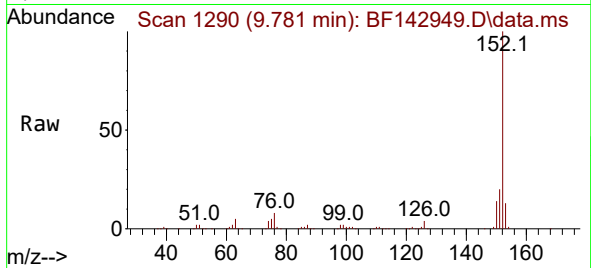




#49
Acenaphthylene
Concen: 42.685 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

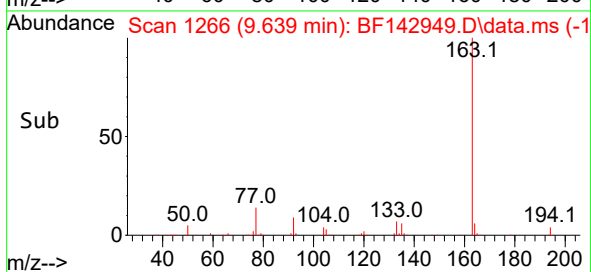
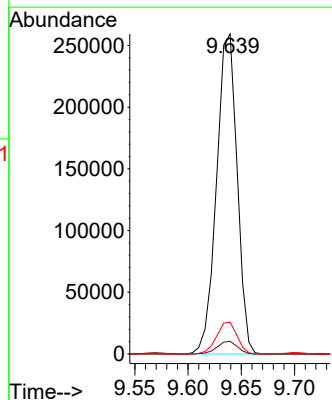
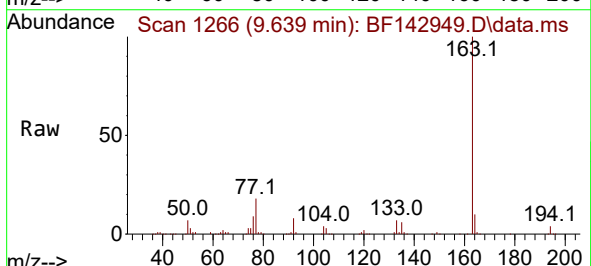
Instrument :
BNA_F
ClientSampleId :
PB168657BS

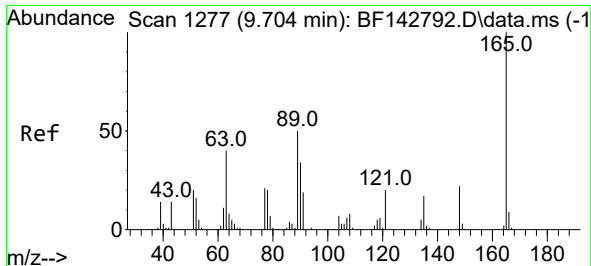
Tgt Ion:152 Resp: 505726
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 44.282 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:163 Resp: 348008
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.0 12.0

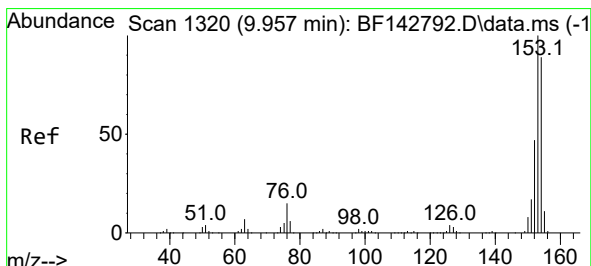
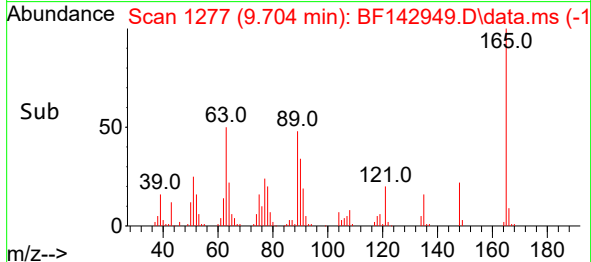
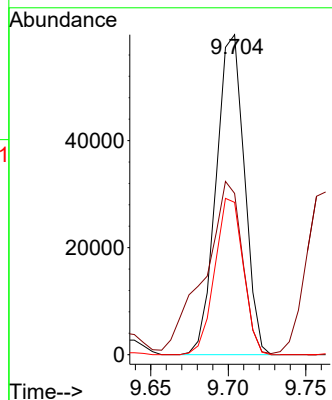
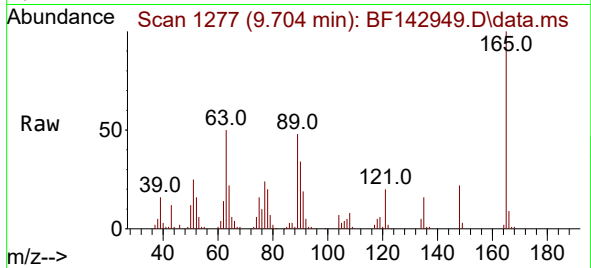




#51
2,6-Dinitrotoluene
Concen: 43.851 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

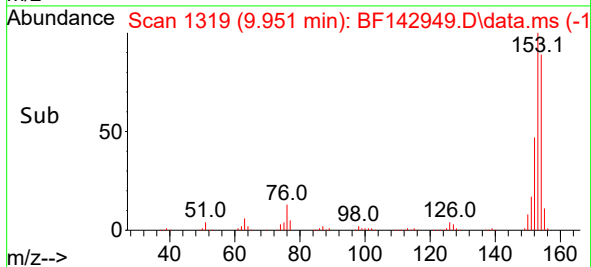
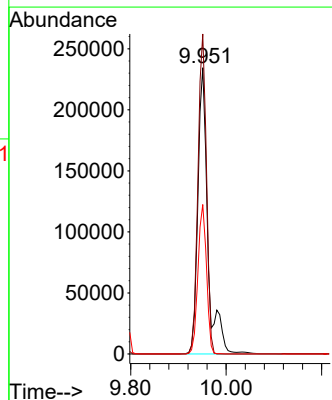
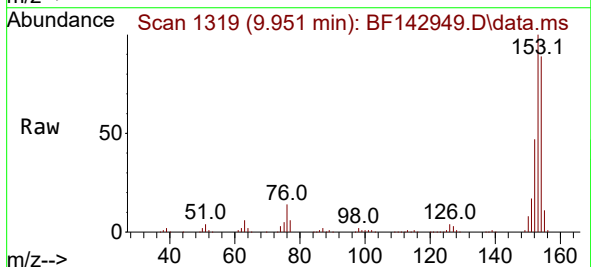
Instrument :
BNA_F
ClientSampleId :
PB168657BS

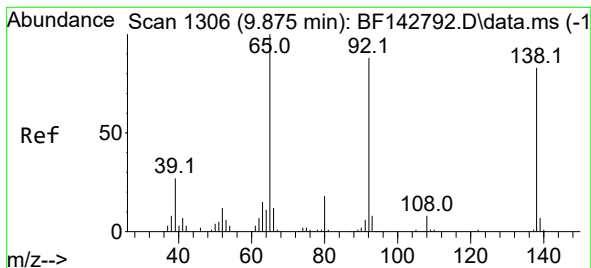
Tgt Ion:165 Resp: 75681
Ion Ratio Lower Upper
165 100
63 50.4 44.2 66.4
89 47.6 39.8 59.8



#52
Acenaphthene
Concen: 47.160 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:154 Resp: 340904
Ion Ratio Lower Upper
154 100
153 111.8 90.0 135.0
152 52.2 41.9 62.9





#53

3-Nitroaniline

Concen: 24.322 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

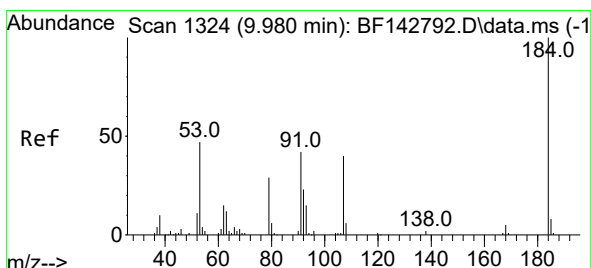
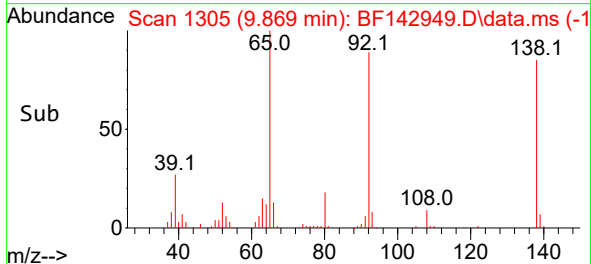
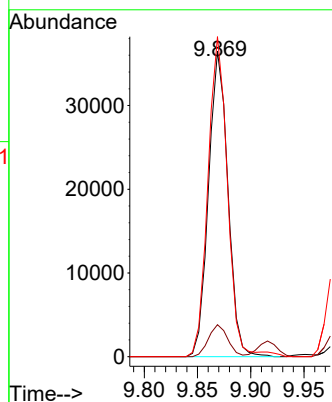
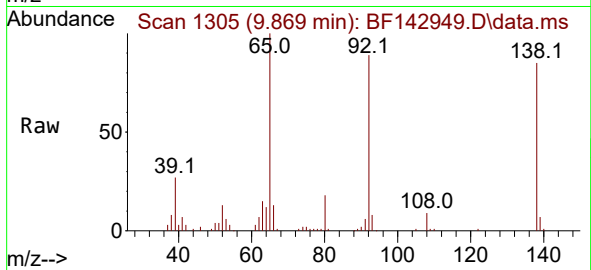
Tgt Ion:138 Resp: 46217

Ion Ratio Lower Upper

138 100

108 10.5 8.1 12.1

92 104.8 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 86.401 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

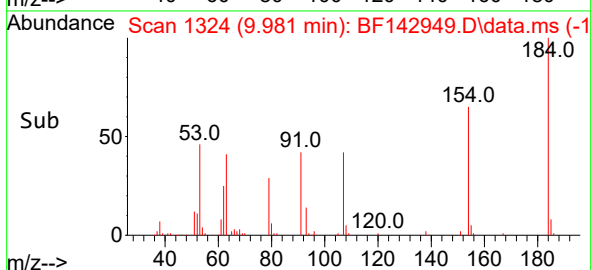
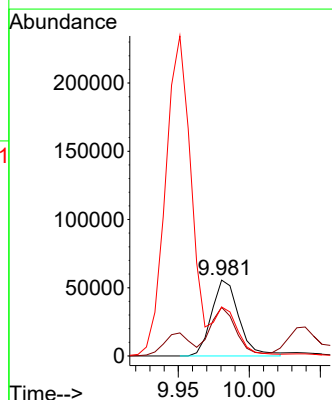
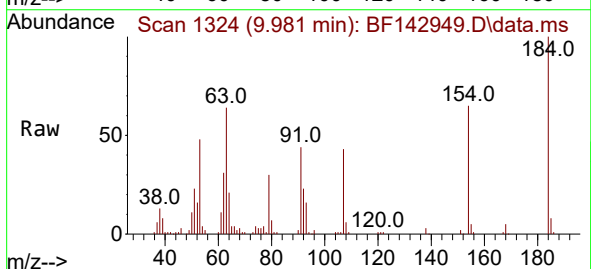
Tgt Ion:184 Resp: 74666

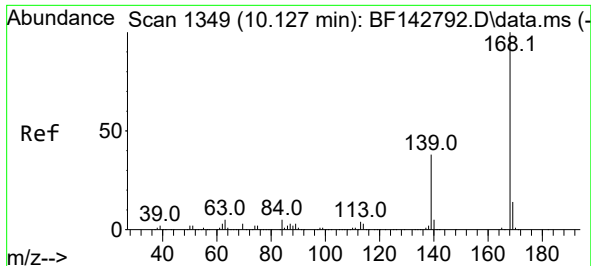
Ion Ratio Lower Upper

184 100

63 64.1 50.6 75.8

154 64.5 51.8 77.8

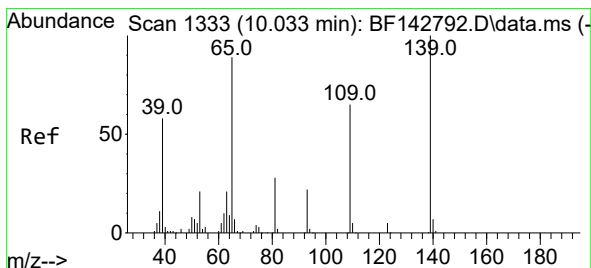
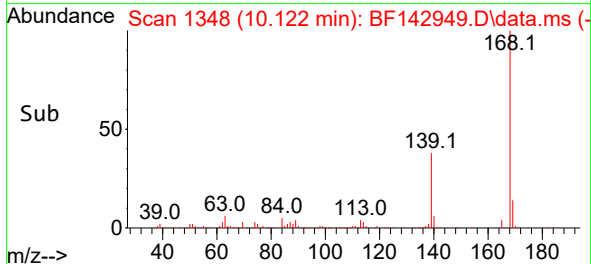
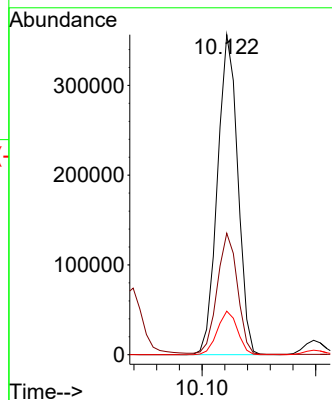
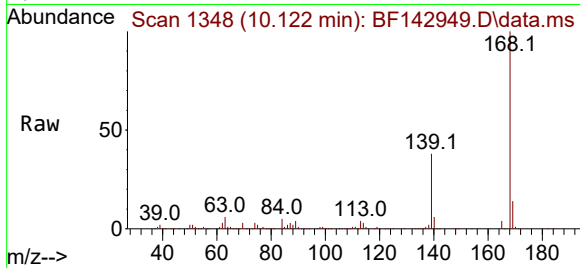




#55
Dibenzenofuran
Concen: 42.747 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

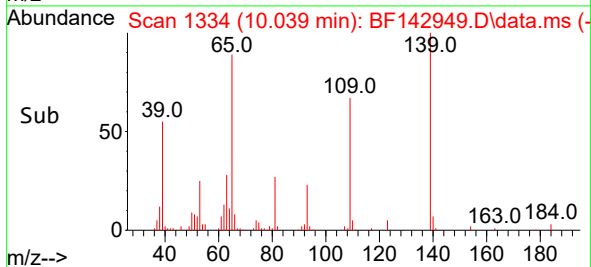
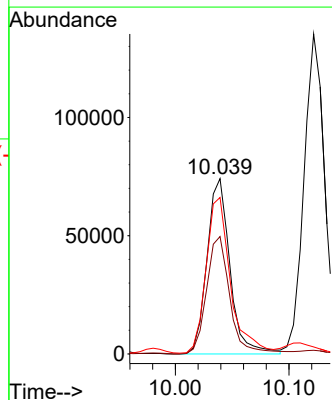
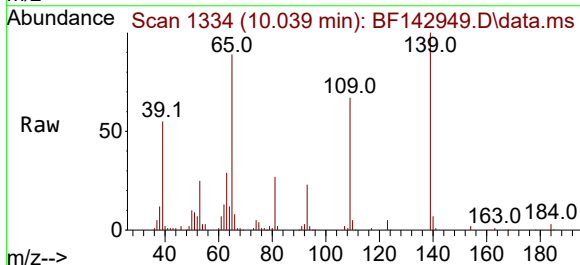
Instrument :
BNA_F
ClientSampleId :
PB168657BS

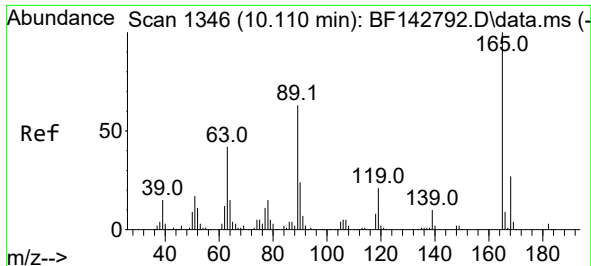
Tgt Ion:168 Resp: 443107
Ion Ratio Lower Upper
168 100
139 37.9 30.2 45.4
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 79.968 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

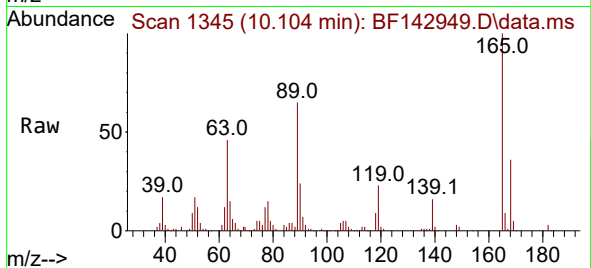
Tgt Ion:139 Resp: 104029
Ion Ratio Lower Upper
139 100
109 66.9 44.7 84.7
65 89.2 69.8 109.8



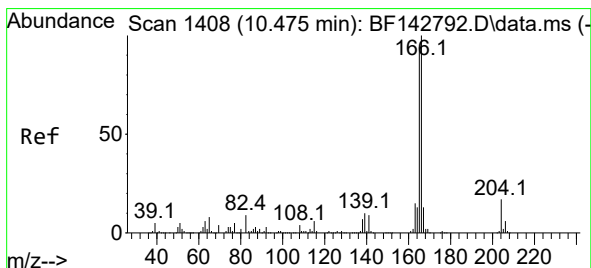
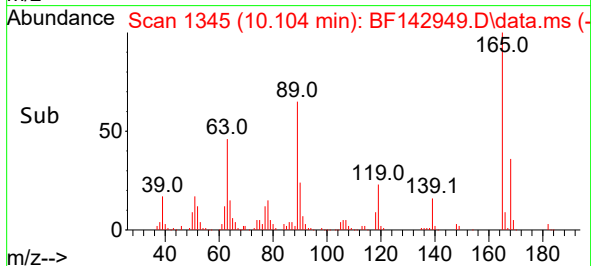
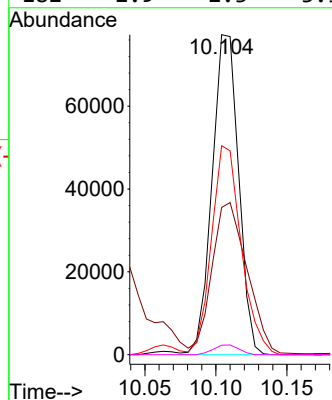


#57
2,4-Dinitrotoluene
Concen: 43.664 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Instrument :
BNA_F
ClientSampleId :
PB168657BS

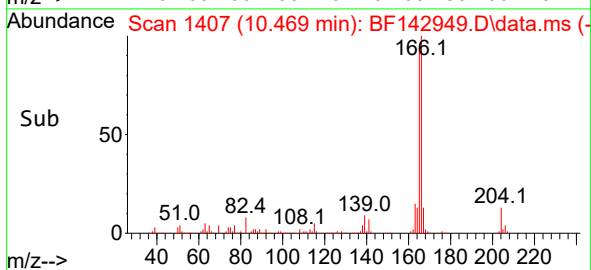
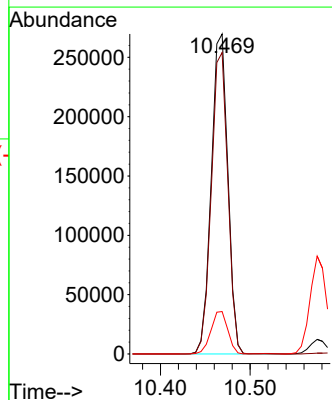
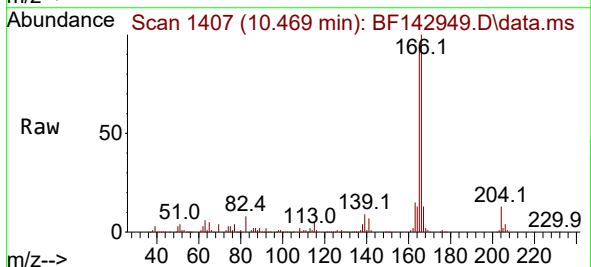


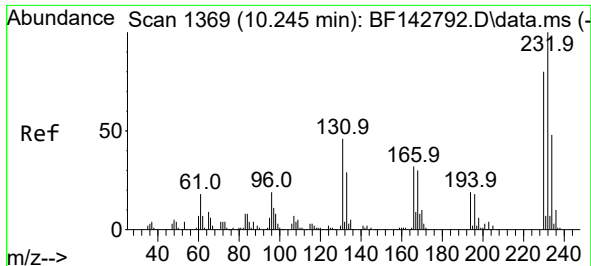
Tgt Ion:165 Resp: 100099
Ion Ratio Lower Upper
165 100
63 46.0 33.9 50.9
89 65.3 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 42.763 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:166 Resp: 346191
Ion Ratio Lower Upper
166 100
165 94.2 75.2 112.8
167 13.3 10.6 15.8

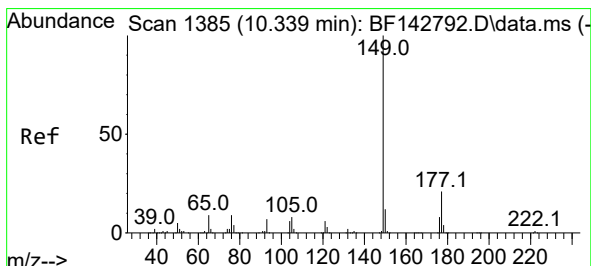
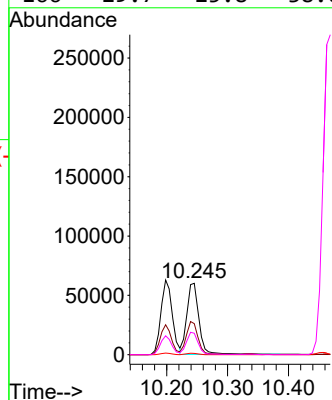
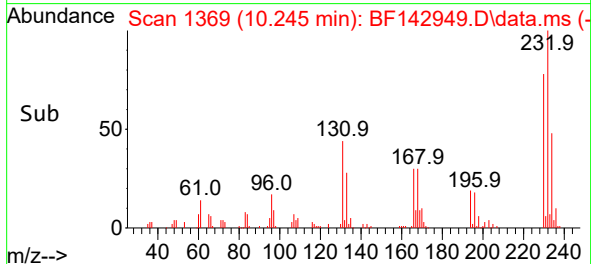
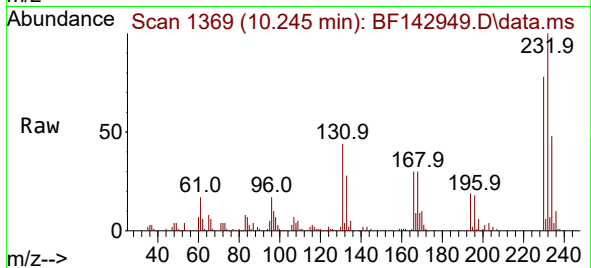




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.921 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

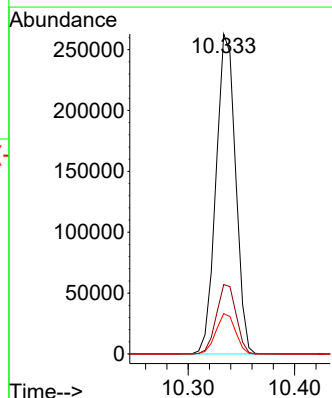
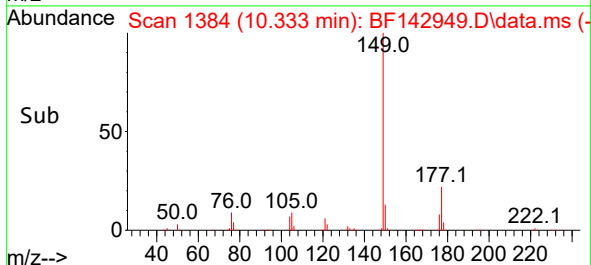
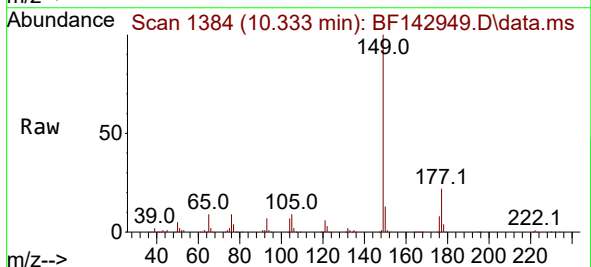
Instrument :
BNA_F
ClientSampleId :
PB168657BS

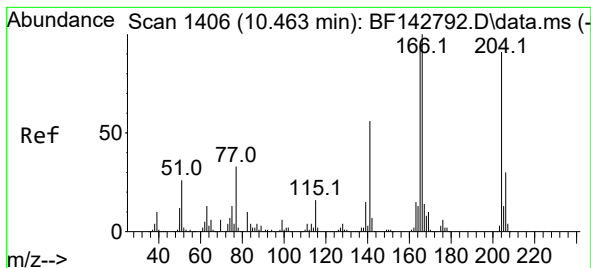
Tgt Ion:232 Resp: 83036
Ion Ratio Lower Upper
232 100
131 44.9 37.6 56.4
130 1.9 1.7 2.5
166 29.7 25.8 38.6



#60
Diethylphthalate
Concen: 43.520 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:149 Resp: 335339
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.6
150 12.6 9.8 14.6

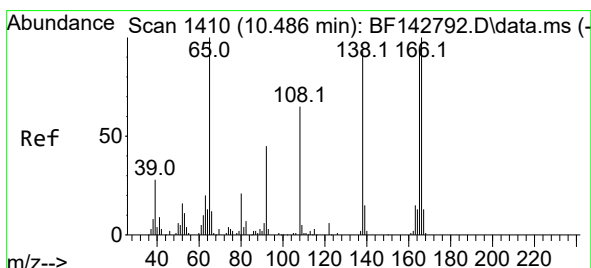
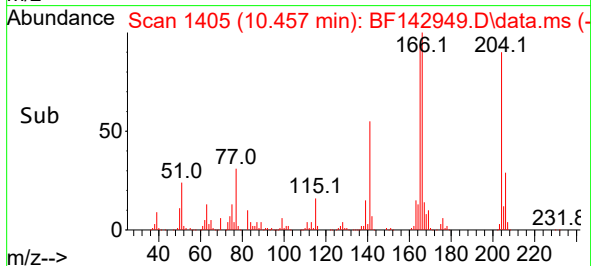
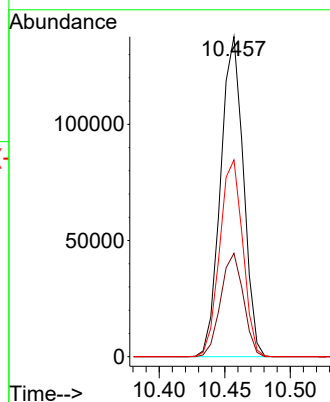
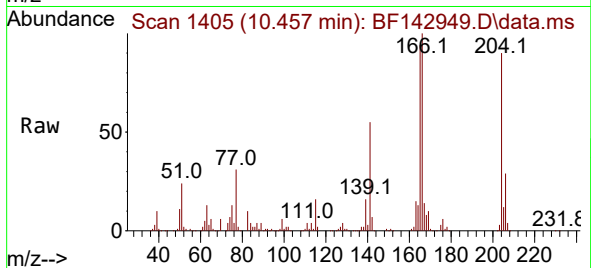




#61
4-Chlorophenyl-phenylether
Concen: 43.041 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

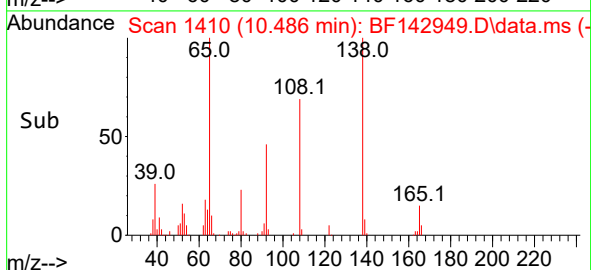
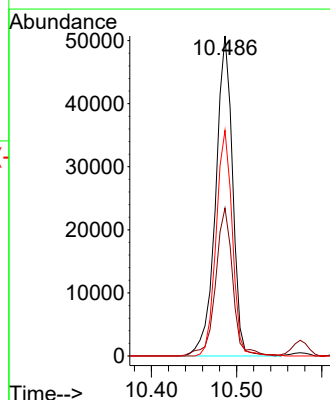
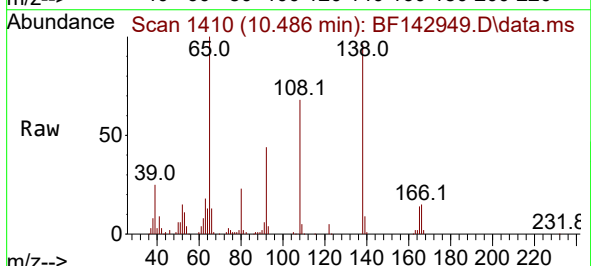
Instrument :
BNA_F
ClientSampleId :
PB168657BS

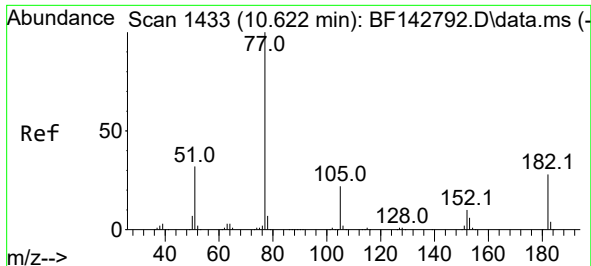
Tgt Ion:204 Resp: 166269
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 61.5 49.1 73.7



#62
4-Nitroaniline
Concen: 40.353 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:138 Resp: 70129
Ion Ratio Lower Upper
138 100
92 46.2 28.4 68.4
108 70.5 50.2 90.2

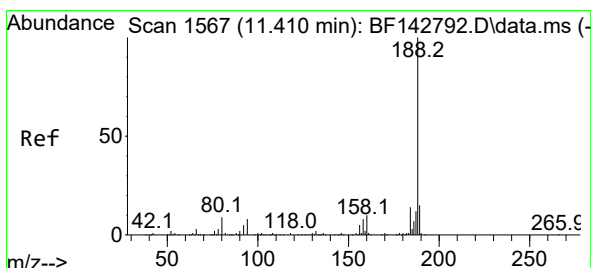
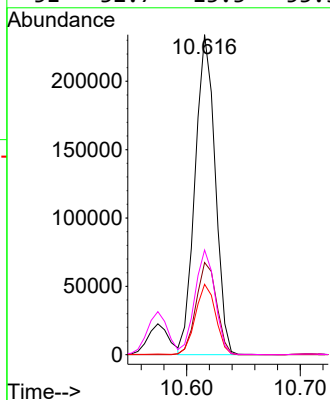
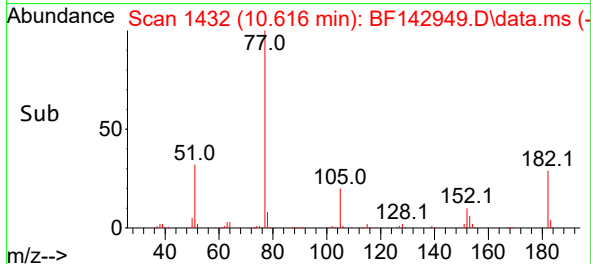
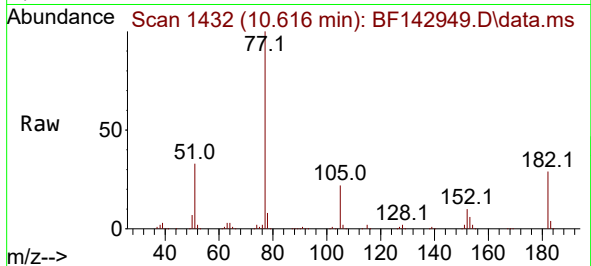




#63
Azobenzene
Concen: 41.835 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

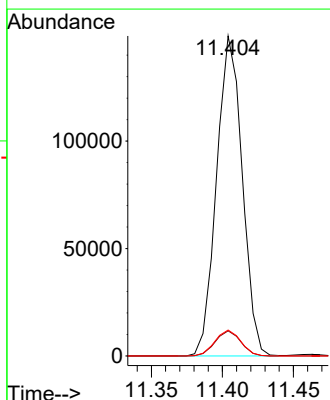
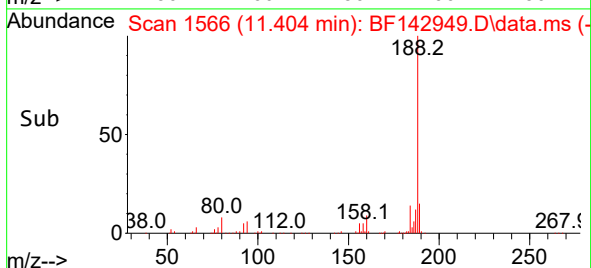
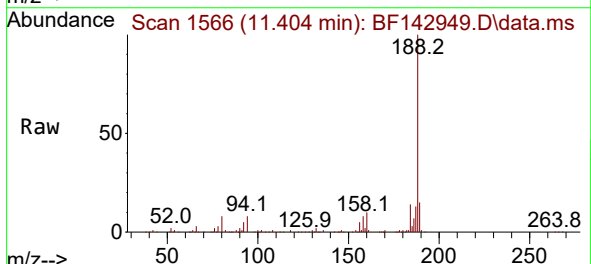
Instrument :
BNA_F
ClientSampleId :
PB168657BS

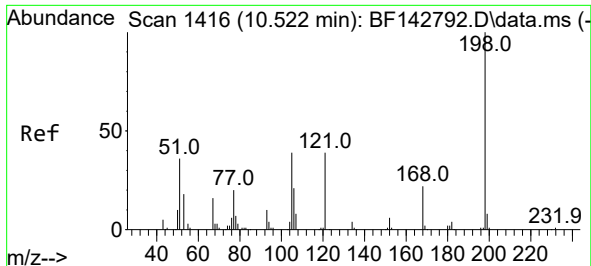
Tgt Ion: 77	Resp: 288111
Ion Ratio	Lower Upper
77 100	
182 28.8	7.7 47.7
105 22.0	1.9 41.9
51 32.7	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:188	Resp: 187260
Ion Ratio	Lower Upper
188 100	
94 7.8	6.7 10.1
80 8.1	6.9 10.3

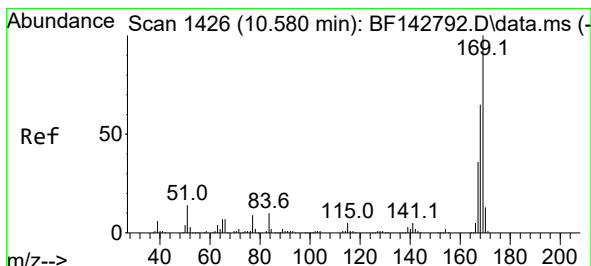
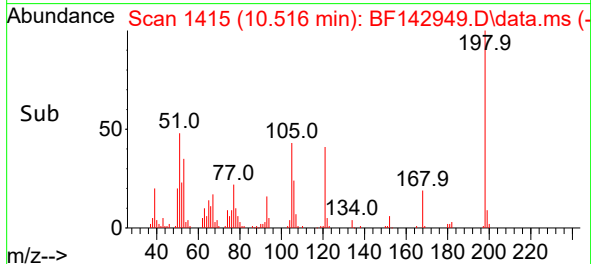
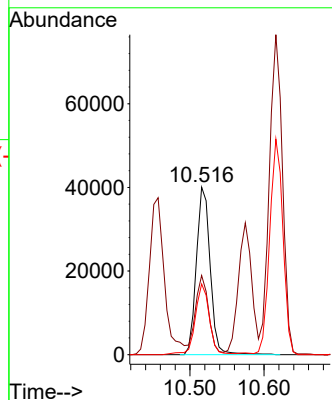
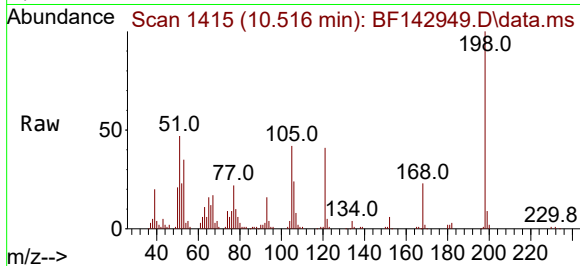




#65
4,6-Dinitro-2-methylphenol
Concen: 45.791 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

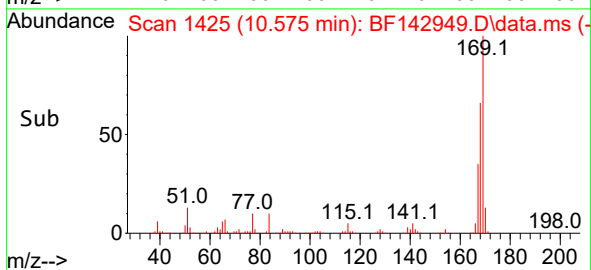
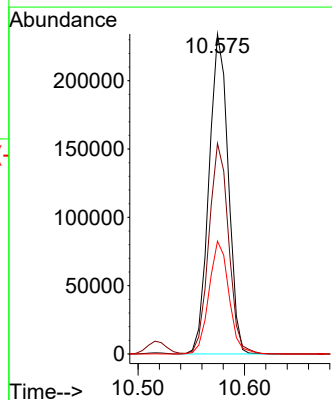
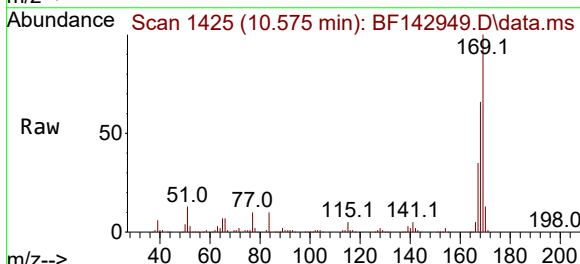
Instrument :
BNA_F
ClientSampleId :
PB168657BS

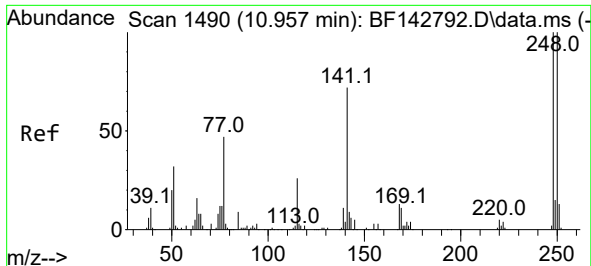
Tgt Ion:198 Resp: 51866
Ion Ratio Lower Upper
198 100
51 47.2 25.4 65.4
105 42.3 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 45.259 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:169 Resp: 293731
Ion Ratio Lower Upper
169 100
168 65.8 51.9 77.9
167 35.3 28.5 42.7

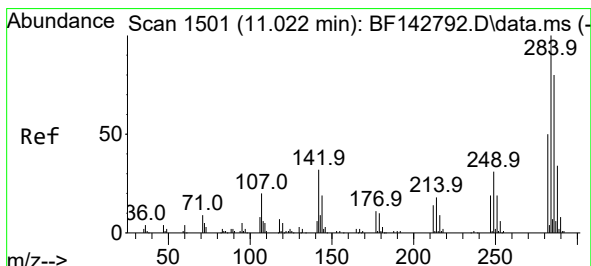
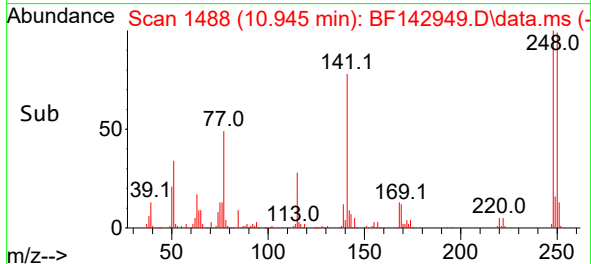
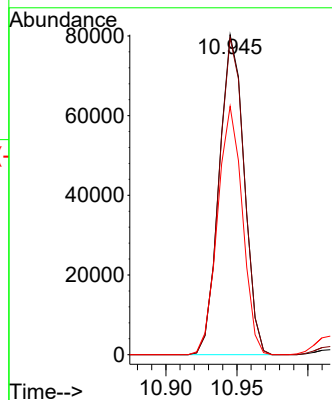
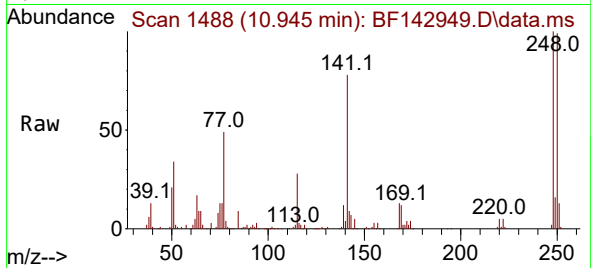




#67
4-Bromophenyl-phenylether
Concen: 46.138 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

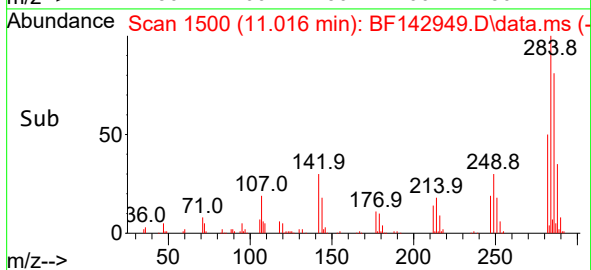
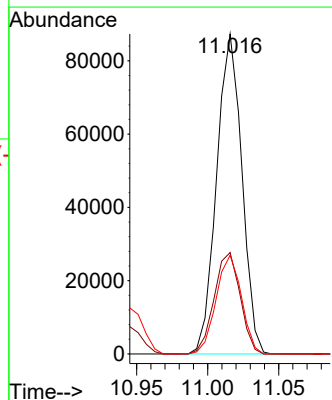
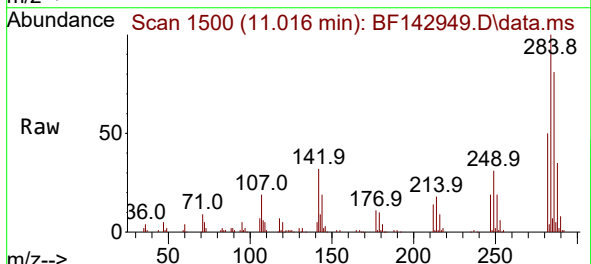
Instrument :
BNA_F
ClientSampleId :
PB168657BS

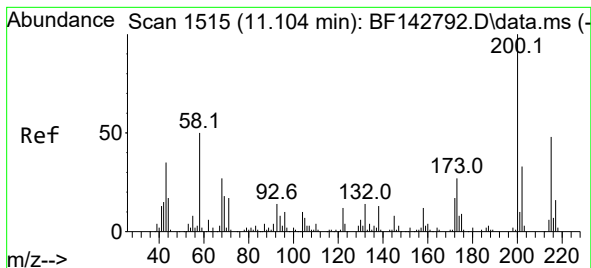
Tgt Ion:248 Resp: 98329
Ion Ratio Lower Upper
248 100
250 99.0 79.8 119.8
141 77.6 57.8 86.6



#68
Hexachlorobenzene
Concen: 45.527 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:284 Resp: 107812
Ion Ratio Lower Upper
284 100
142 31.7 25.5 38.3
249 30.8 24.9 37.3





#69

Atrazine

Concen: 49.961 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

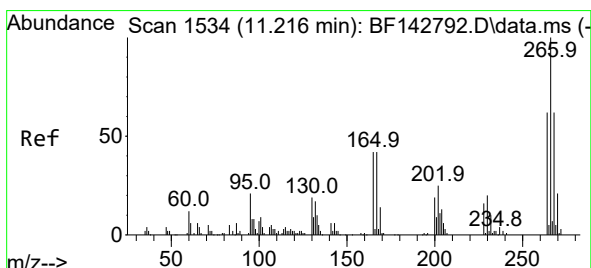
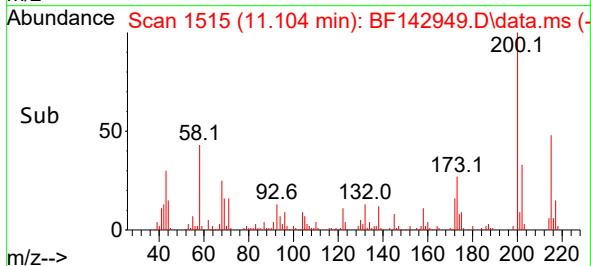
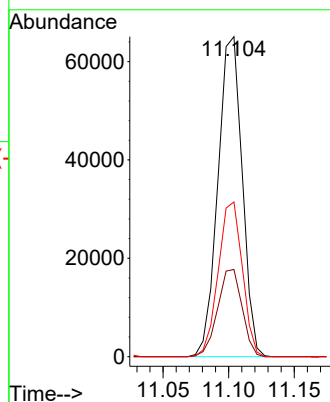
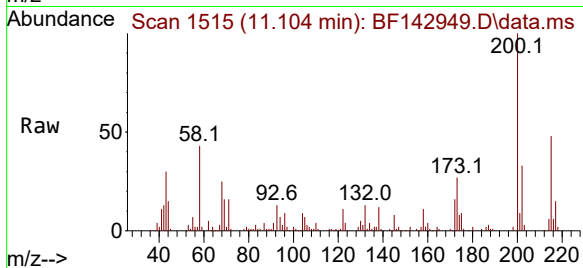
Tgt Ion:200 Resp: 83731

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 48.3 28.4 68.4



#70

Pentachlorophenol

Concen: 85.366 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

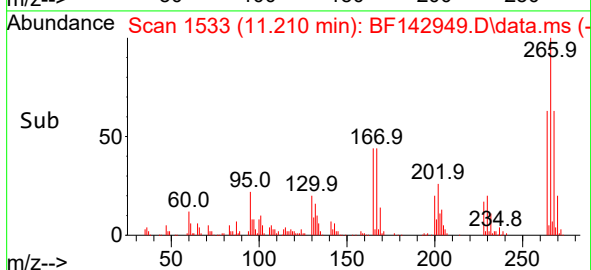
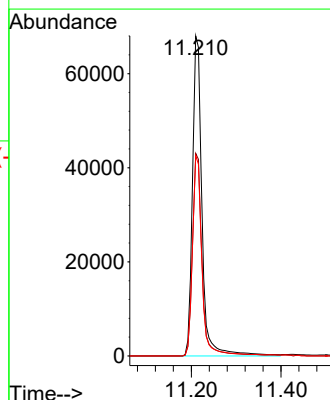
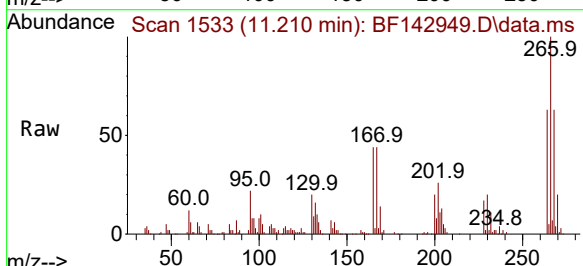
Tgt Ion:266 Resp: 100735

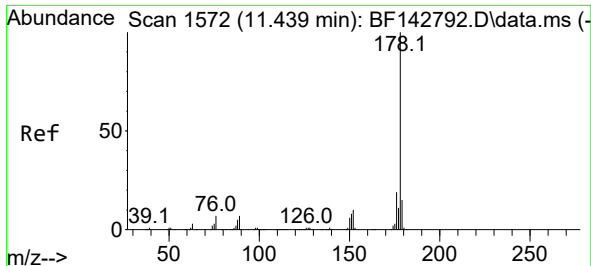
Ion Ratio Lower Upper

266 100

268 63.3 49.8 74.8

264 62.6 49.9 74.9

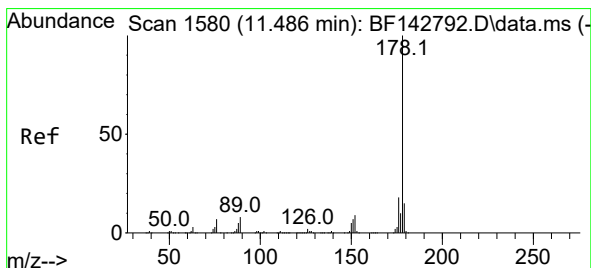
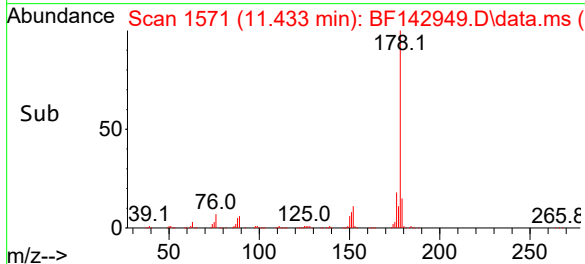
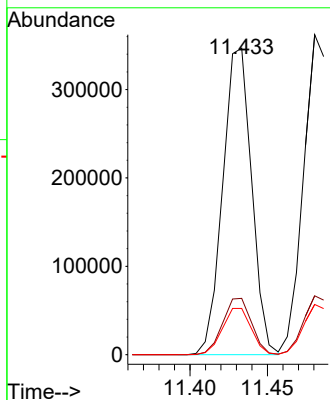
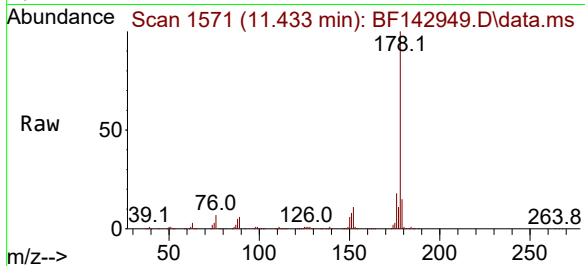




#71
Phenanthrene
Concen: 44.378 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

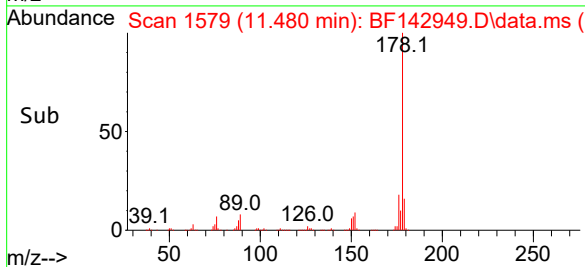
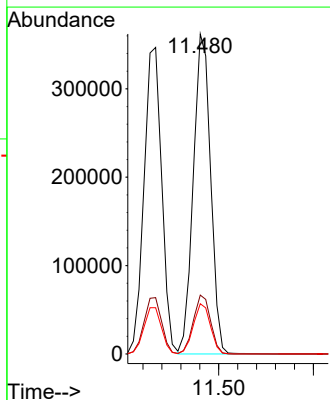
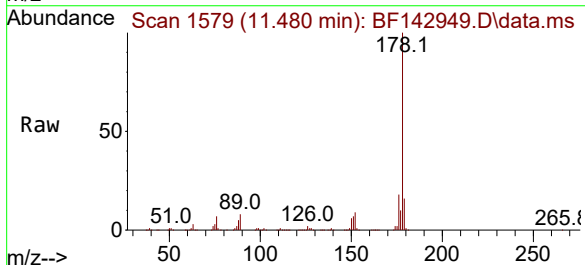
Instrument :
BNA_F
ClientSampleId :
PB168657BS

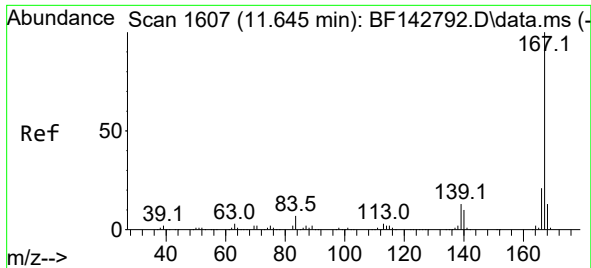
Tgt Ion:178 Resp: 450164
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.1 12.0 18.0



#72
Anthracene
Concen: 44.169 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

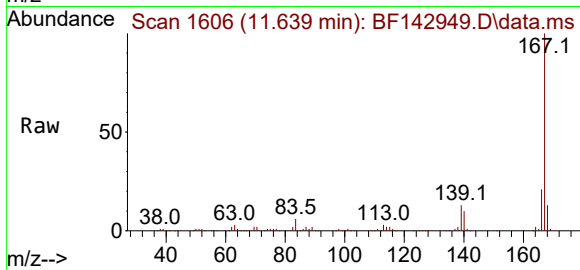
Tgt Ion:178 Resp: 459505
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.7 12.4 18.6



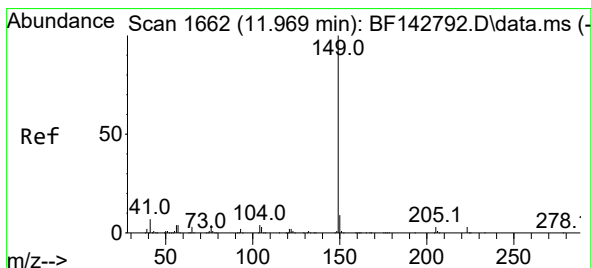
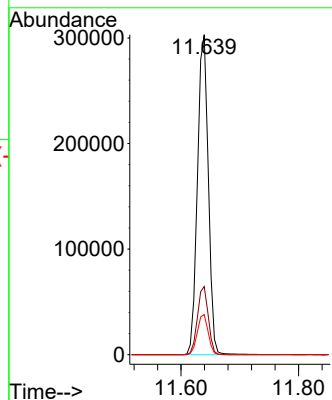
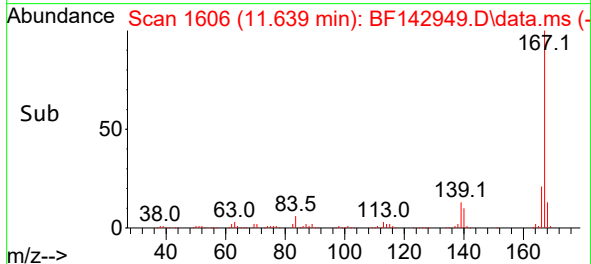


#73
 Carbazole
 Concen: 43.183 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142949.D
 Acq: 01 Jul 2025 14:51

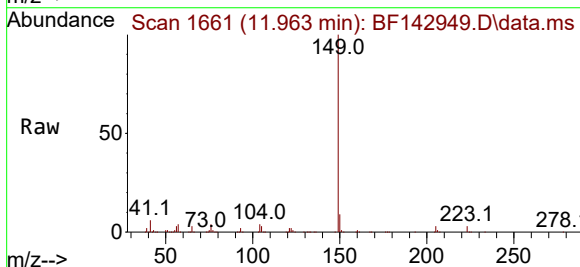
Instrument :
 BNA_F
 ClientSampleId :
 PB168657BS



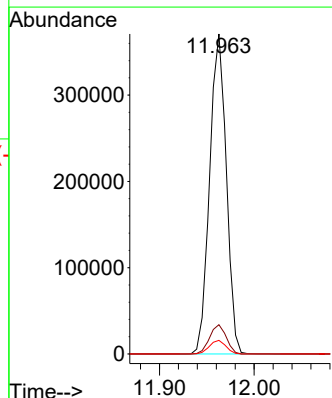
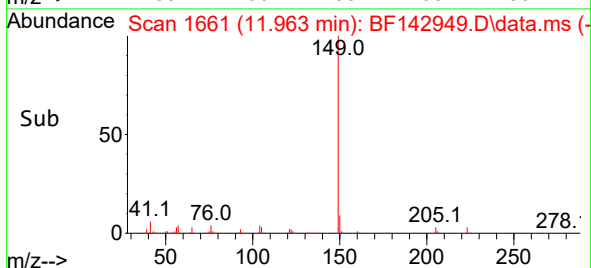
Tgt Ion:167 Resp: 387683
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.6 10.2 15.2

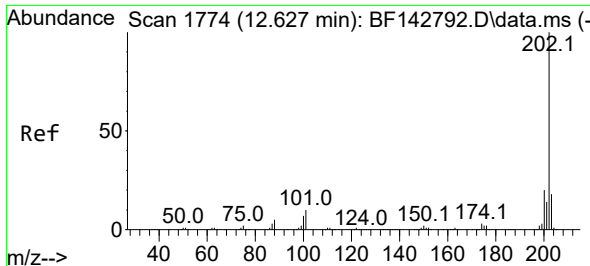


#74
 Di-n-butylphthalate
 Concen: 48.336 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142949.D
 Acq: 01 Jul 2025 14:51



Tgt Ion:149 Resp: 452070
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.2 3.5 5.3

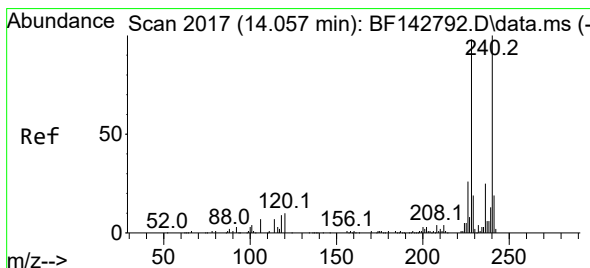
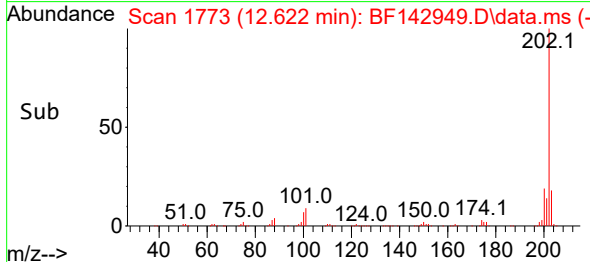
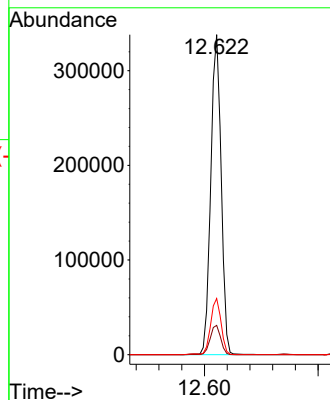
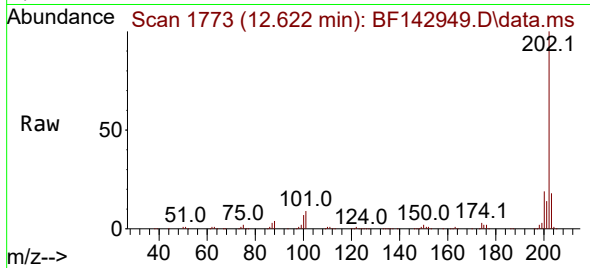




#75
Fluoranthene
Concen: 44.178 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

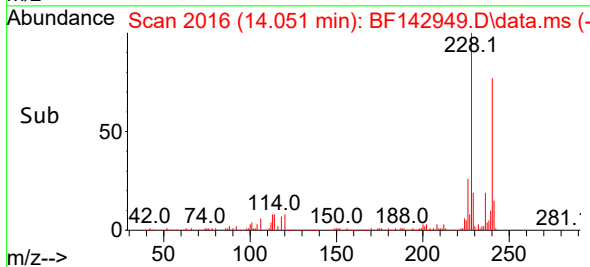
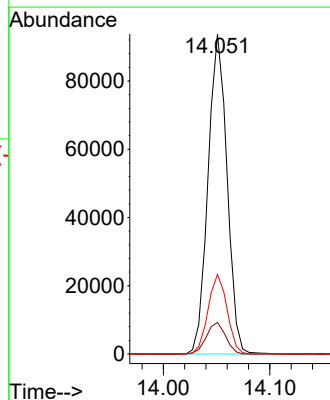
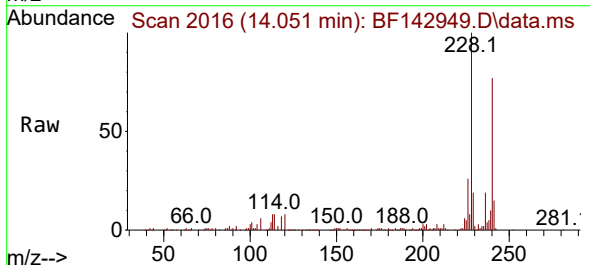
Instrument :
BNA_F
ClientSampleId :
PB168657BS

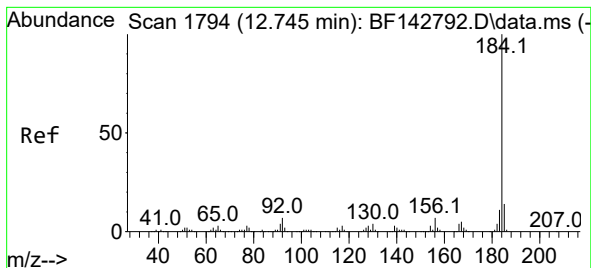
Tgt Ion:202 Resp: 425299
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:240 Resp: 116065
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 24.8 19.8 29.8





#77

Benzidine

Concen: 33.647 ng

RT: 12.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

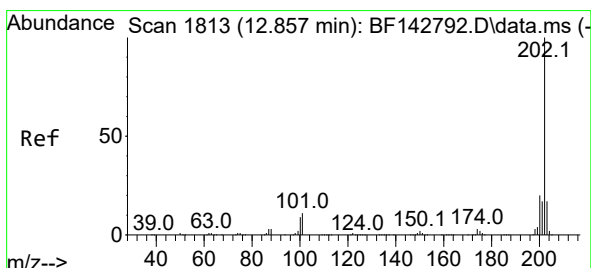
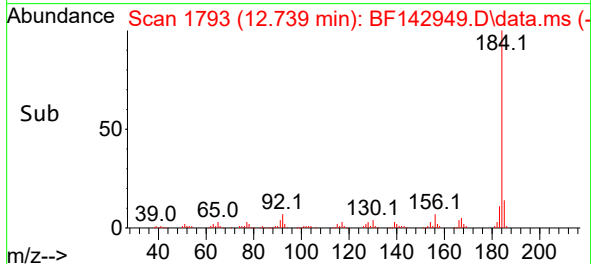
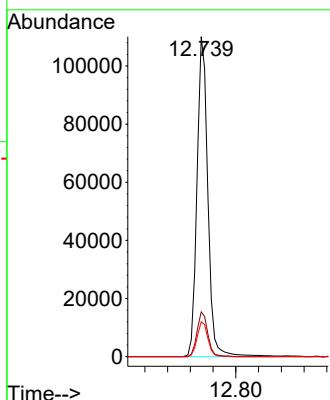
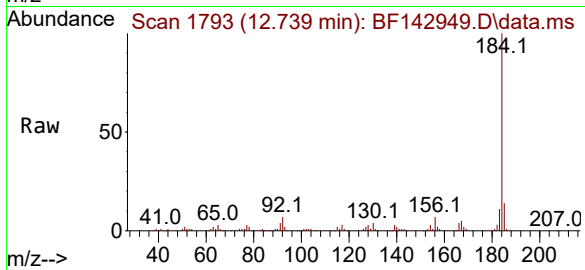
Tgt Ion:184 Resp: 146725

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 10.9 9.0 13.4



#78

Pyrene

Concen: 38.764 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

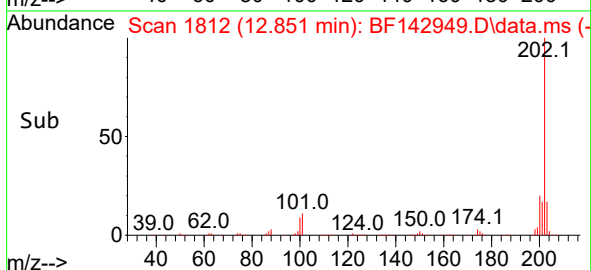
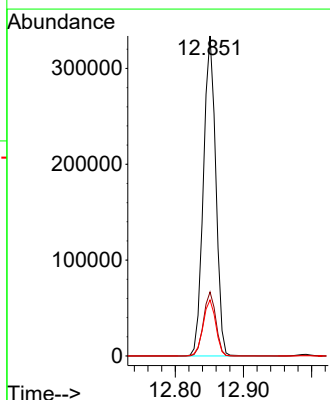
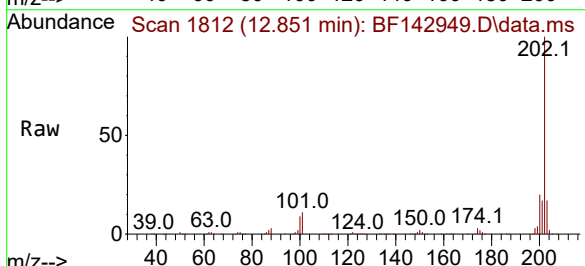
Tgt Ion:202 Resp: 421726

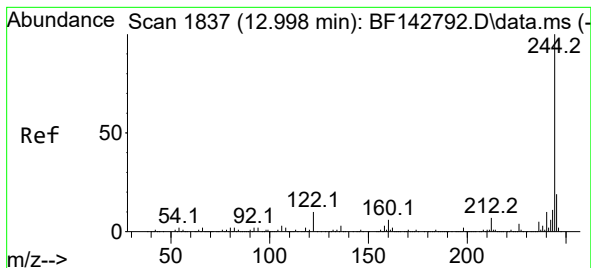
Ion Ratio Lower Upper

202 100

200 20.0 15.7 23.5

203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 69.716 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

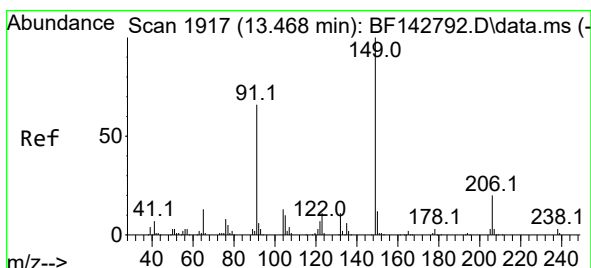
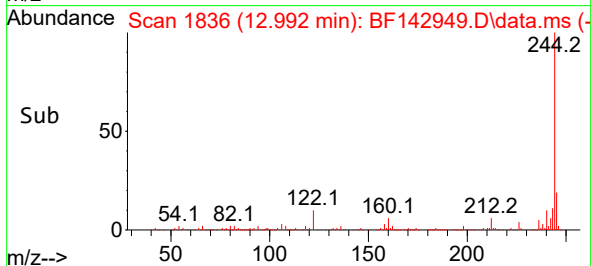
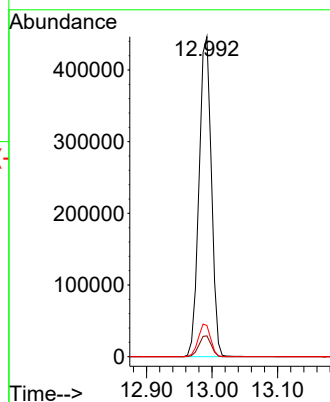
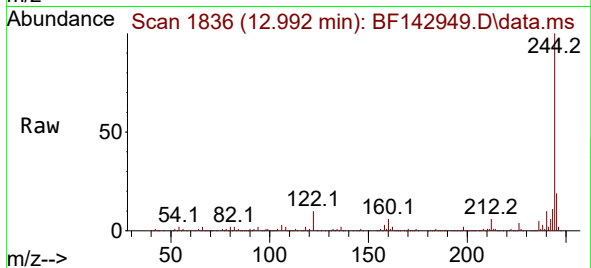
Tgt Ion:244 Resp: 585621

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.7 8.2 12.2



#80

Butylbenzylphthalate

Concen: 50.809 ng

RT: 13.463 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

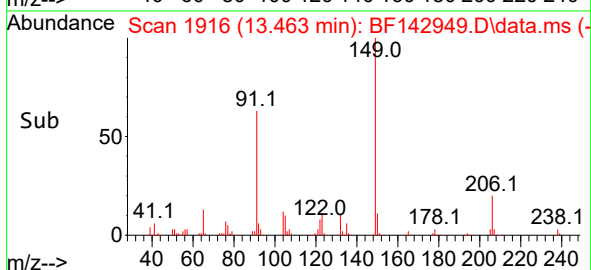
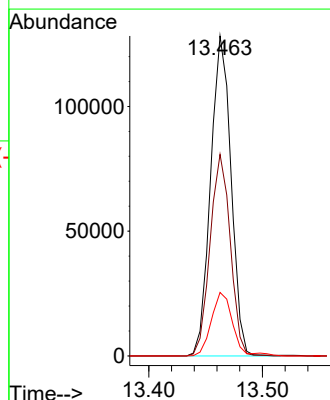
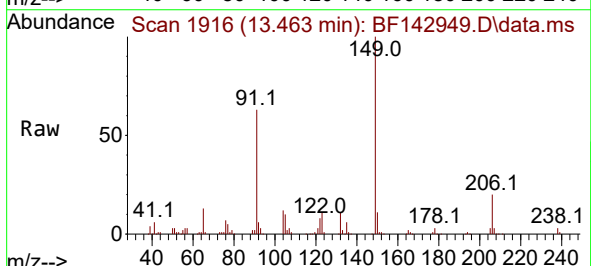
Tgt Ion:149 Resp: 160343

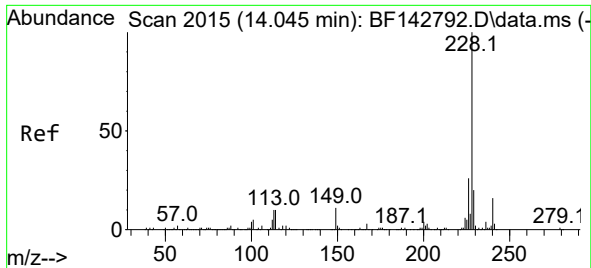
Ion Ratio Lower Upper

149 100

91 63.0 52.9 79.3

206 19.8 16.3 24.5

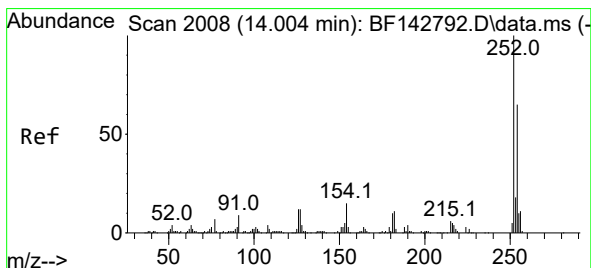
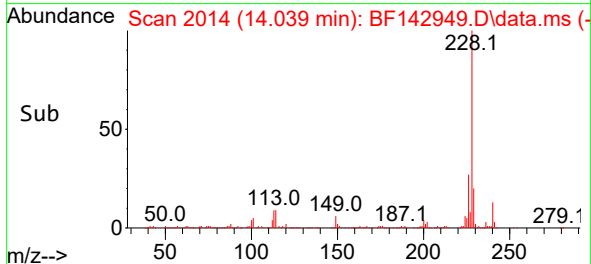
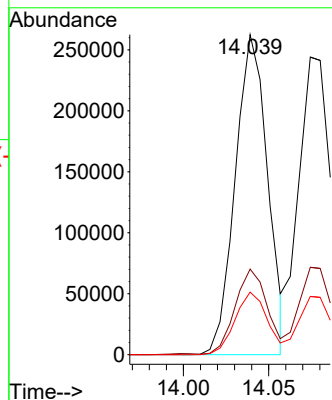
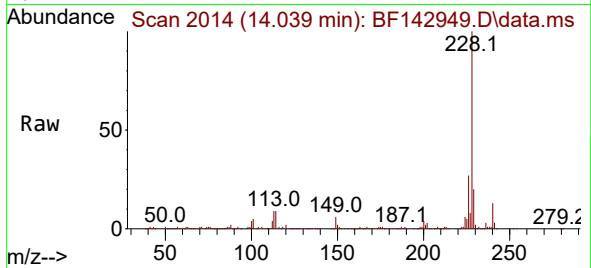




#81
Benzo(a)anthracene
Concen: 44.173 ng
RT: 14.039 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

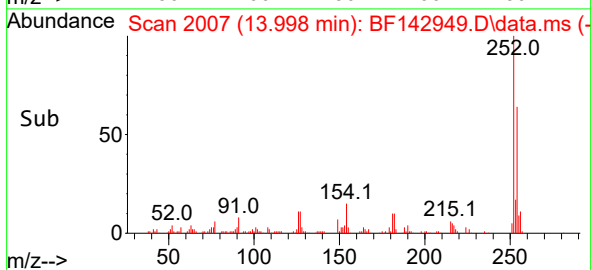
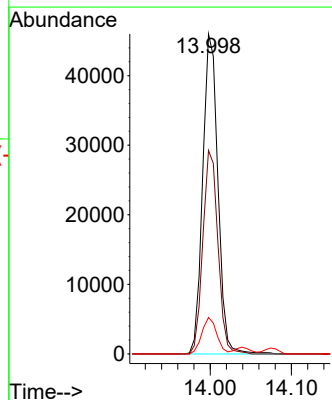
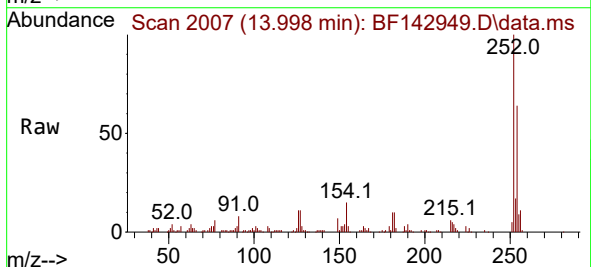
Instrument :
BNA_F
ClientSampleId :
PB168657BS

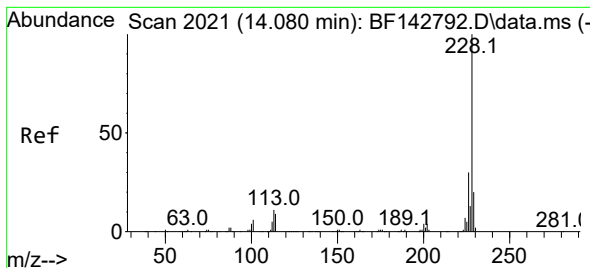
Tgt Ion:228 Resp: 345864
Ion Ratio Lower Upper
228 100
226 26.8 21.2 31.8
229 19.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 23.522 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:252 Resp: 59738
Ion Ratio Lower Upper
252 100
254 63.6 51.7 77.5
126 11.4 9.4 14.2





#83

Chrysene

Concen: 46.420 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

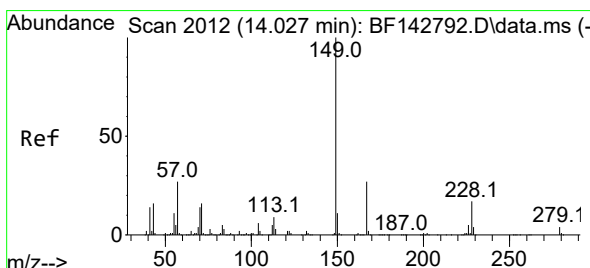
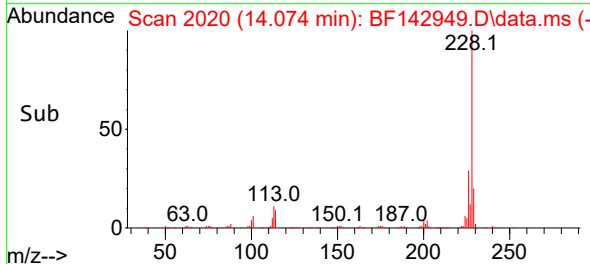
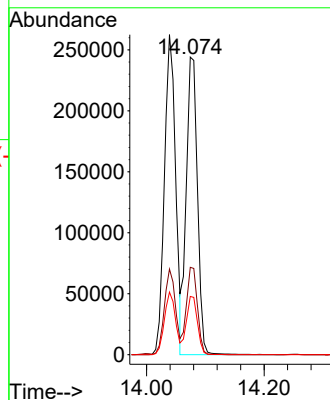
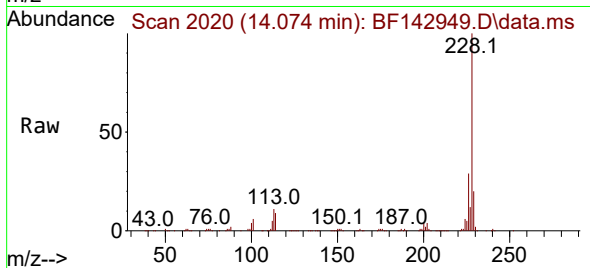
Tgt Ion:228 Resp: 324323

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.767 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

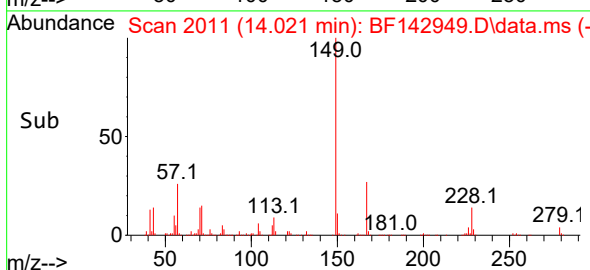
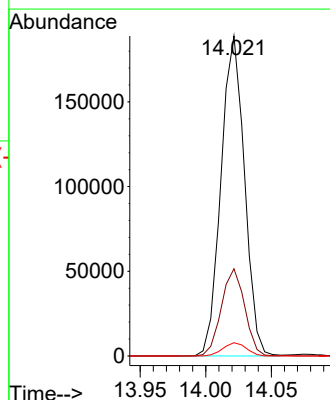
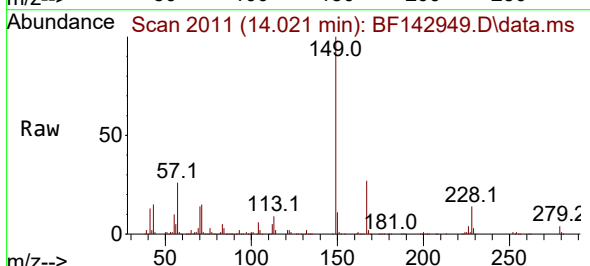
Tgt Ion:149 Resp: 235045

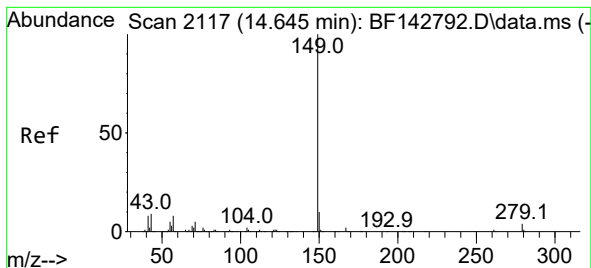
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 50.891 ng

RT: 14.633 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

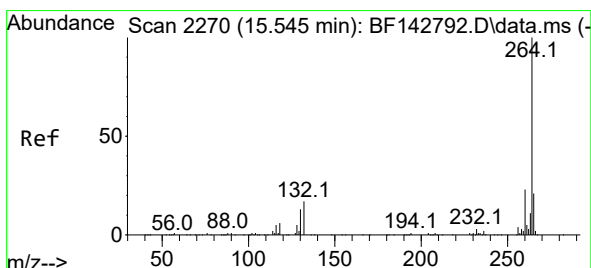
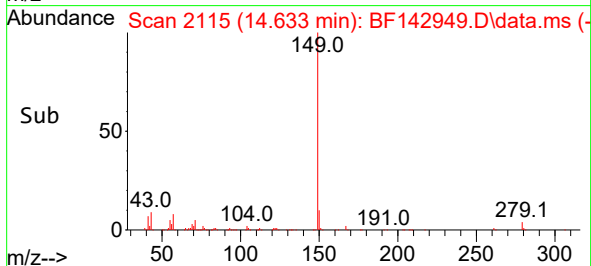
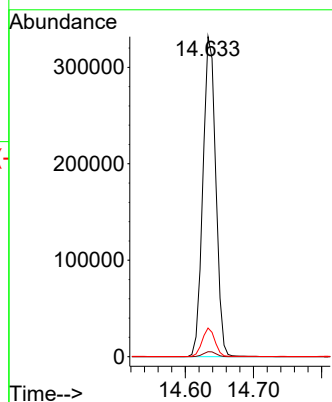
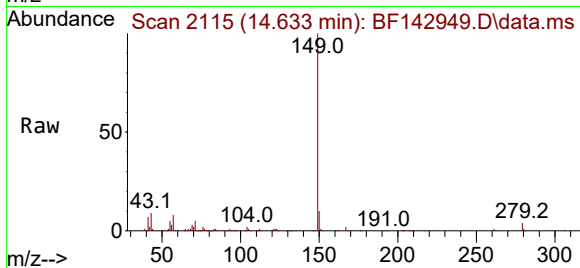
Tgt Ion:149 Resp: 435706

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

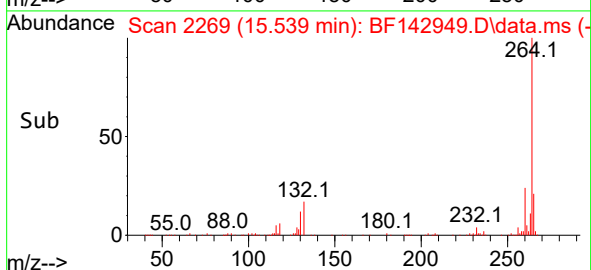
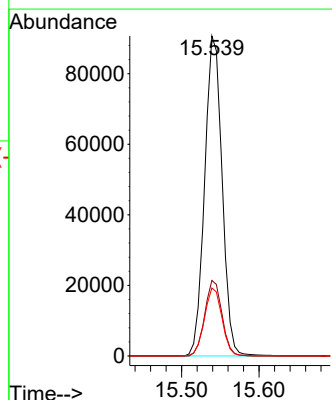
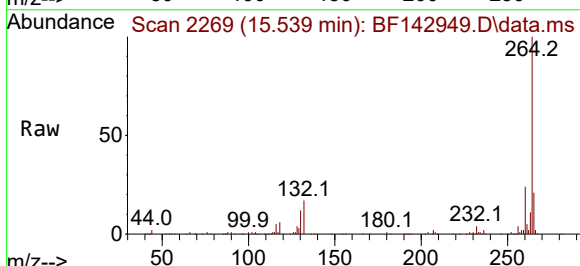
Tgt Ion:264 Resp: 141724

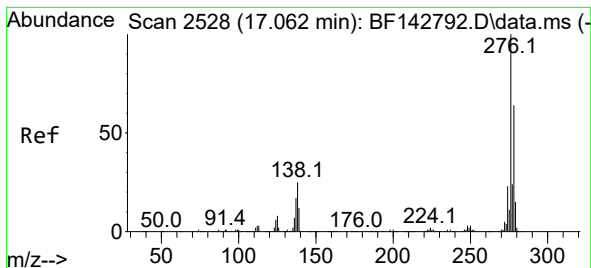
Ion Ratio Lower Upper

264 100

260 23.6 18.1 27.1

265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.024 ng

RT: 17.057 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB168657BS

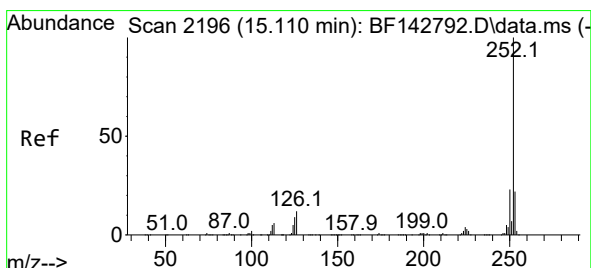
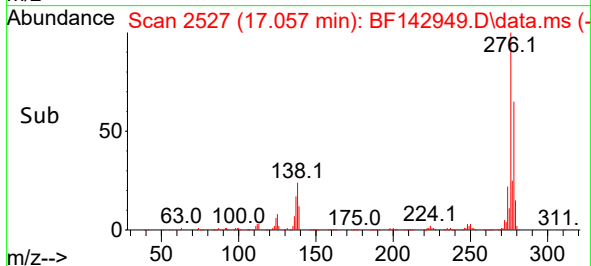
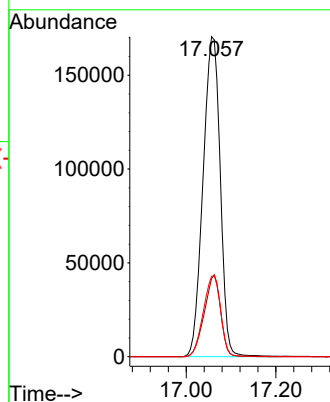
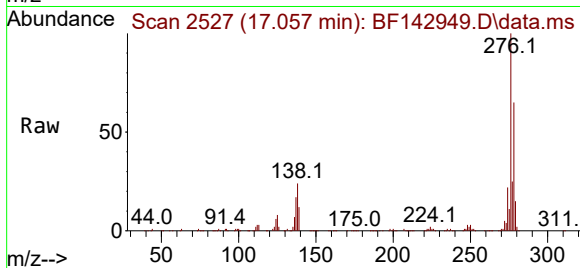
Tgt Ion:276 Resp: 453646

Ion Ratio Lower Upper

276 100

138 24.3 20.2 30.4

277 25.4 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 43.480 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142949.D

Acq: 01 Jul 2025 14:51

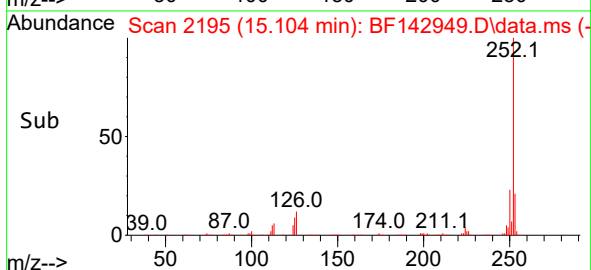
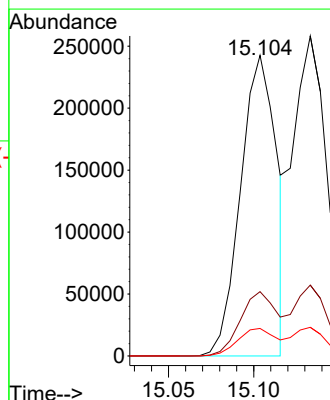
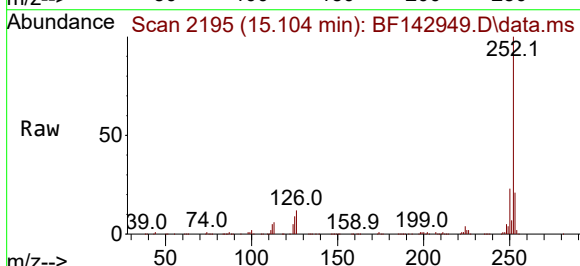
Tgt Ion:252 Resp: 356572

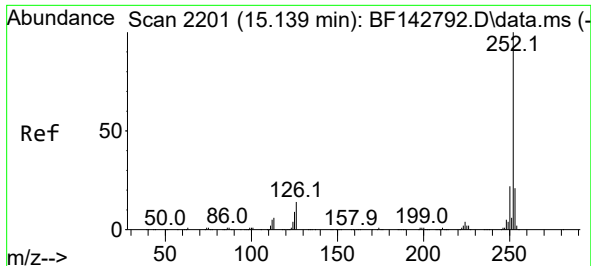
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.1 7.4 11.0

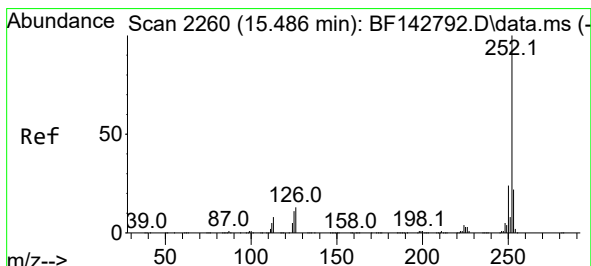
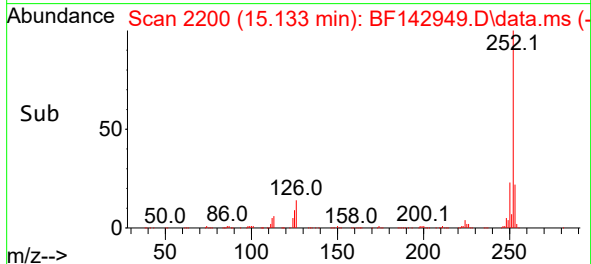
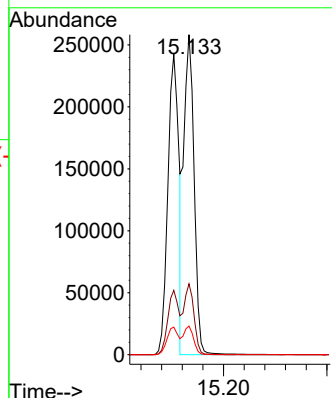
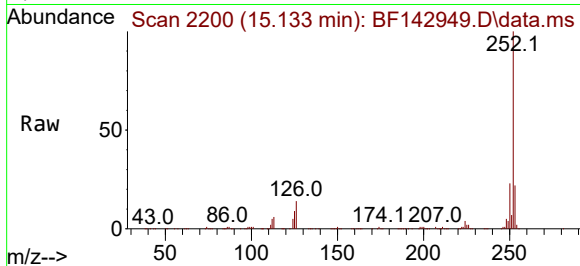




#89
Benzo(k)fluoranthene
Concen: 46.913 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

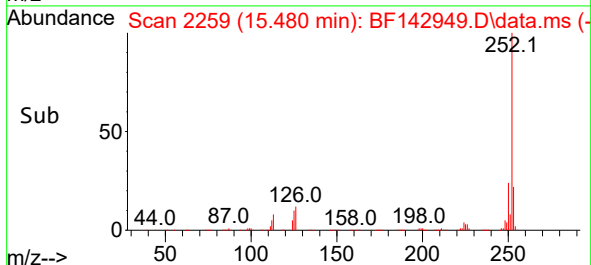
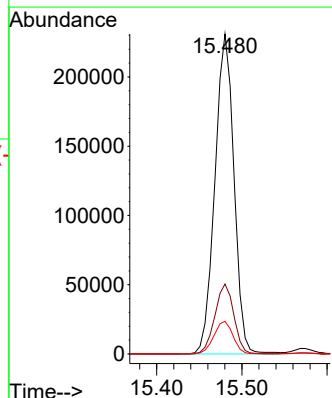
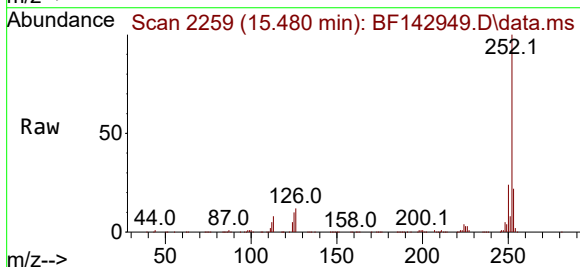
Instrument :
BNA_F
ClientSampleId :
PB168657BS

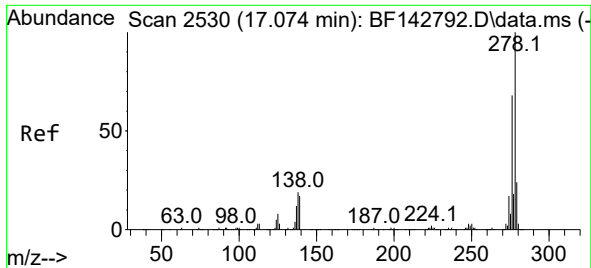
Tgt Ion:252 Resp: 359936
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 45.362 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:252 Resp: 359385
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.2 8.6 12.8

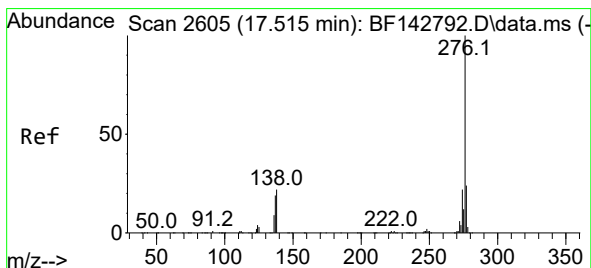
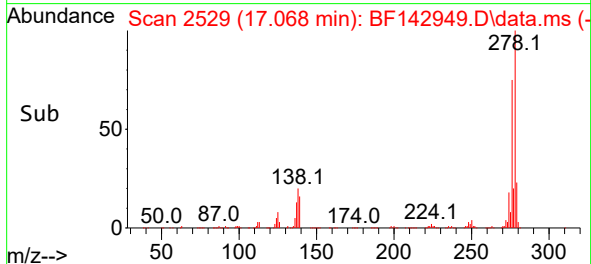
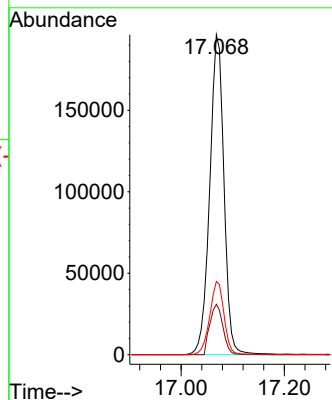
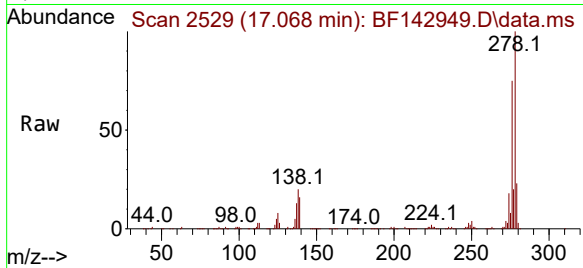




#91
Dibenzo(a,h)anthracene
Concen: 42.910 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Instrument :
BNA_F
ClientSampleId :
PB168657BS

Tgt Ion:278 Resp: 376365
Ion Ratio Lower Upper
278 100
139 15.7 13.5 20.3
279 22.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.973 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142949.D
Acq: 01 Jul 2025 14:51

Tgt Ion:276 Resp: 367107
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 20.5 17.6 26.4

