

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142921.D
 Acq On : 30 Jun 2025 18:13
 Operator : RC/JU
 Sample : Q2430-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMS

Quant Time: Jun 30 18:45:35 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	63433	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239823	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	122332	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	205148	20.000	ng	0.00
76) Chrysene-d12	14.051	240	122398	20.000	ng	0.00
86) Perylene-d12	15.539	264	140375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	342787	89.971	ng	0.00
7) Phenol-d6	6.504	99	406100	90.345	ng	0.00
23) Nitrobenzene-d5	7.439	82	249355	57.031	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	118585	94.199	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	535062	57.458	ng	-0.01
79) Terphenyl-d14	12.992	244	477679	53.923	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	58802	38.587	ng	99
3) Pyridine	3.446	79	151626	39.689	ng	99
4) n-Nitrosodimethylamine	3.399	42	83581	42.307	ng	100
6) Aniline	6.534	93	128671	21.513	ng	# 79
8) 2-Chlorophenol	6.657	128	179061	43.569	ng	97
9) Benzaldehyde	6.422	77	76599	28.723	ng	99
10) Phenol	6.522	94	207385	41.506	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	155158	43.448	ng	99
12) 1,3-Dichlorobenzene	6.816	146	199622	43.430	ng	99
13) 1,4-Dichlorobenzene	6.892	146	203262	43.831	ng	99
14) 1,2-Dichlorobenzene	7.045	146	190588	43.330	ng	99
15) Benzyl Alcohol	7.016	79	142684	43.908	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	233207	40.646	ng	91
17) 2-Methylphenol	7.128	107	132266	42.468	ng	99
18) Hexachloroethane	7.387	117	71440	44.043	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	114033	43.619	ng	97
20) 3+4-Methylphenols	7.281	107	171195	44.085	ng	91
22) Acetophenone	7.281	105	234000	44.247	ng	98
24) Nitrobenzene	7.457	77	171083	43.232	ng	98
25) Isophorone	7.698	82	303572	43.282	ng	98
26) 2-Nitrophenol	7.775	139	97148	45.065	ng	99
27) 2,4-Dimethylphenol	7.810	122	157482	42.174	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	194151	43.541	ng	100
29) 2,4-Dichlorophenol	8.016	162	146774	43.350	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	160684	43.159	ng	100
31) Naphthalene	8.181	128	510282	43.469	ng	100
32) Benzoic acid	7.922	122	64680	33.985	ng	95
33) 4-Chloroaniline	8.228	127	53156	11.136	ng	99
34) Hexachlorobutadiene	8.292	225	100314	44.049	ng	98
35) Caprolactam	8.598	113	41394	46.332	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	144971	43.083	ng	99
37) 2-Methylnaphthalene	8.875	142	317831	43.672	ng	100
38) 1-Methylnaphthalene	8.969	142	330475	43.866	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	162030	44.888	ng	99
41) Hexachlorocyclopentadiene	9.028	237	166489	81.278	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	103812	44.136	ng	100

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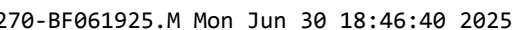
Instrument :
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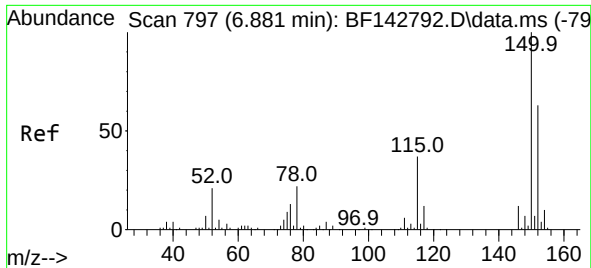
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	108426	43.791	ng	99
46) 1,1'-Biphenyl	9.333	154	433812	44.892	ng	100
47) 2-Chloronaphthalene	9.363	162	320845	44.243	ng	100
48) 2-Nitroaniline	9.457	65	91080	44.799	ng	99
49) Acenaphthylene	9.780	152	531142	44.492	ng	99
50) Dimethylphthalate	9.639	163	362507	45.779	ng	100
51) 2,6-Dinitrotoluene	9.704	165	80687	46.399	ng	95
52) Acenaphthene	9.951	154	310216	42.591	ng	99
53) 3-Nitroaniline	9.869	138	38459	20.087	ng	99
54) 2,4-Dinitrophenol	9.980	184	55373	63.592	ng	97
55) Dibenzofuran	10.122	168	460894	44.128	ng	100
56) 4-Nitrophenol	10.039	139	112803	86.058	ng	97
57) 2,4-Dinitrotoluene	10.110	165	109167	47.260	ng	97
58) Fluorene	10.469	166	367492	45.052	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	87179	43.681	ng	97
60) Diethylphthalate	10.333	149	370817	47.761	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	175973	45.209	ng	99
62) 4-Nitroaniline	10.486	138	75311	43.008	ng	97
63) Azobenzene	10.616	77	326996	47.123	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	47648	38.399	ng	95
66) n-Nitrosodiphenylamine	10.575	169	315172	44.328	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	106824	45.753	ng	96
68) Hexachlorobenzene	11.016	284	116020	44.721	ng	99
69) Atrazine	11.104	200	96238	52.417	ng	99
70) Pentachlorophenol	11.210	266	105164	81.349	ng	100
71) Phenanthrene	11.433	178	497964	44.810	ng	99
72) Anthracene	11.480	178	502557	44.095	ng	100
73) Carbazole	11.639	167	435876	44.317	ng	99
74) Di-n-butylphthalate	11.963	149	557570	54.418	ng	100
75) Fluoranthene	12.621	202	468138	44.387	ng	99
77) Benzidine	12.739	184	73574	15.999	ng	100
78) Pyrene	12.851	202	483138	42.111	ng	100
80) Butylbenzylphthalate	13.463	149	181899	54.658	ng	98
81) Benzo(a)anthracene	14.039	228	358192	43.380	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	25286	9.441	ng	98
83) Chrysene	14.074	228	333013	45.198	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	245172	51.203	ng	99
85) Di-n-octyl phthalate	14.639	149	394089	43.648	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	432908	40.488	ng	99
88) Benzo(b)fluoranthene	15.104	252	349430	43.019	ng	100
89) Benzo(k)fluoranthene	15.133	252	358787	47.212	ng	100
90) Benzo(a)pyrene	15.480	252	353848	45.093	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	353869	40.733	ng	99
92) Benzo(g,h,i)perylene	17.515	276	344992	39.824	ng	98

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

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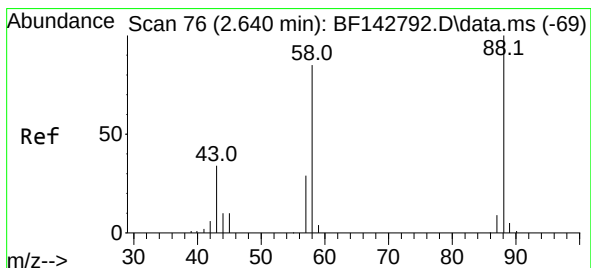
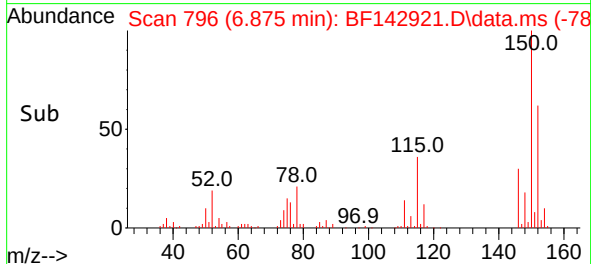
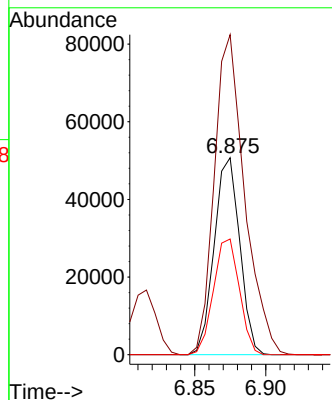
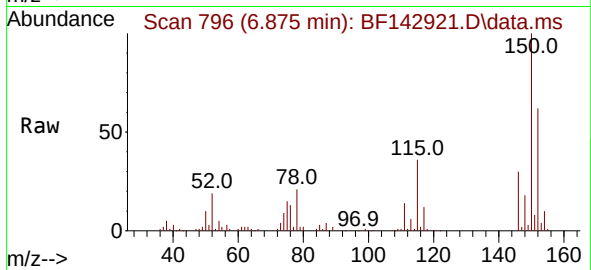




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142921.D
 Acq: 30 Jun 2025 18:13

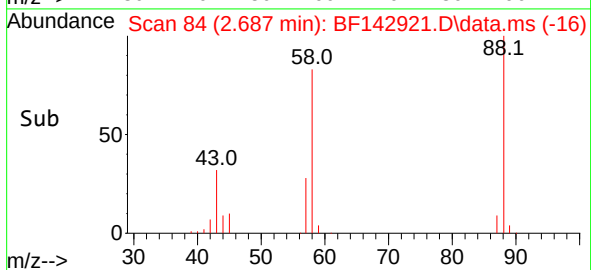
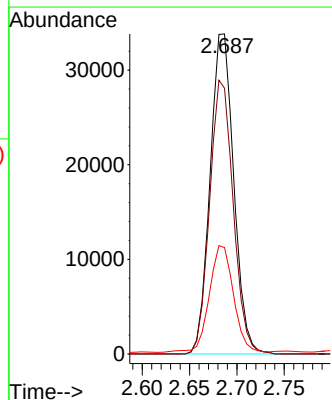
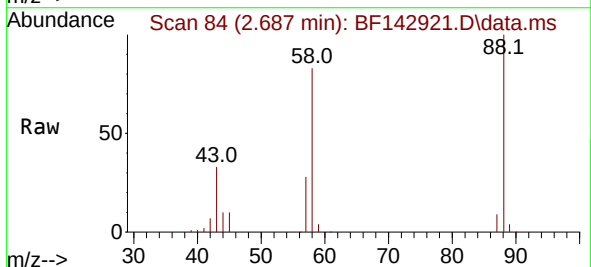
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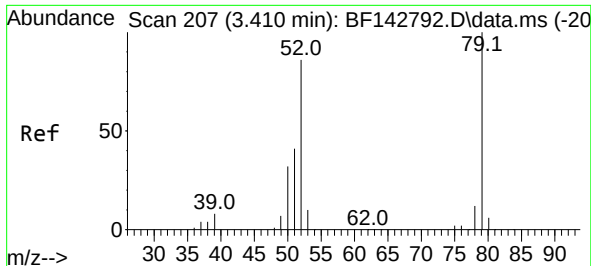
Tgt Ion:152 Resp: 63433
 Ion Ratio Lower Upper
 152 100
 150 162.5 127.2 190.8
 115 58.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 38.587 ng
 RT: 2.687 min Scan# 84
 Delta R.T. 0.047 min
 Lab File: BF142921.D
 Acq: 30 Jun 2025 18:13

Tgt Ion: 88 Resp: 58802
 Ion Ratio Lower Upper
 88 100
 58 85.1 69.1 103.7
 43 34.1 27.4 41.2





#3

Pyridine

Concen: 39.689 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

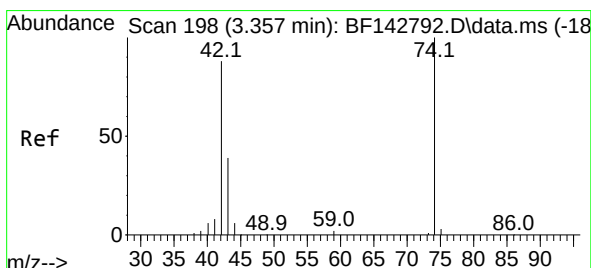
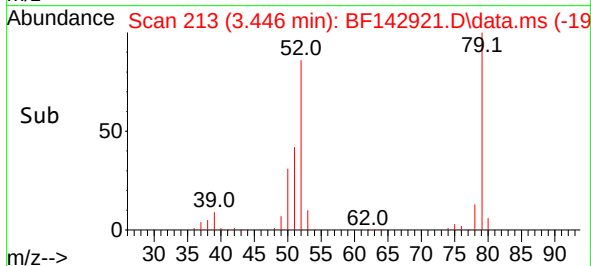
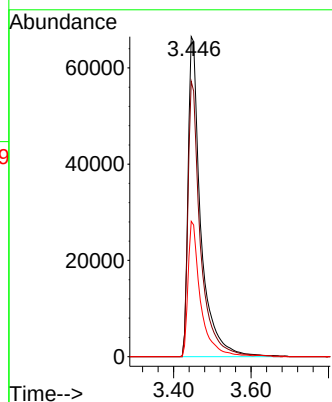
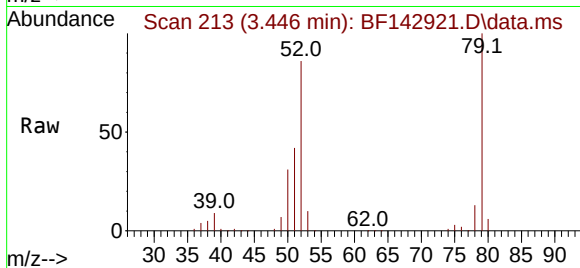
Tgt Ion: 79 Resp: 151626

Ion Ratio Lower Upper

79 100

52 86.0 69.2 103.8

51 42.3 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 42.307 ng

RT: 3.399 min Scan# 205

Delta R.T. 0.041 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

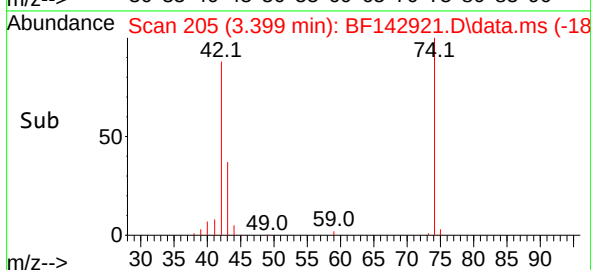
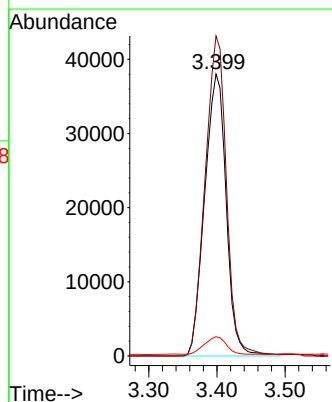
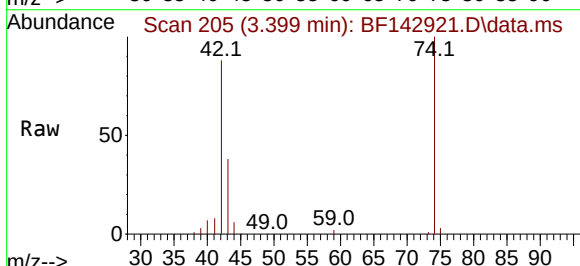
Tgt Ion: 42 Resp: 83581

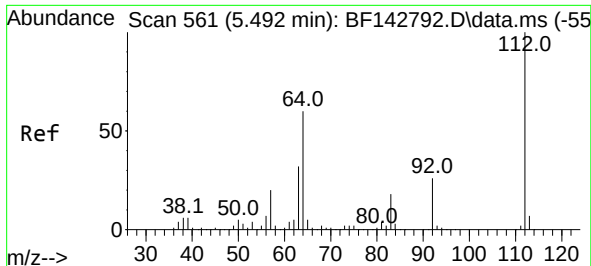
Ion Ratio Lower Upper

42 100

74 113.5 90.9 136.3

44 6.8 5.8 8.6

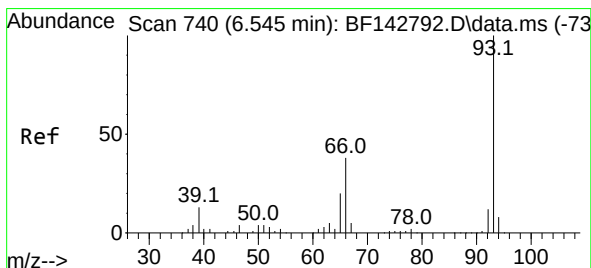
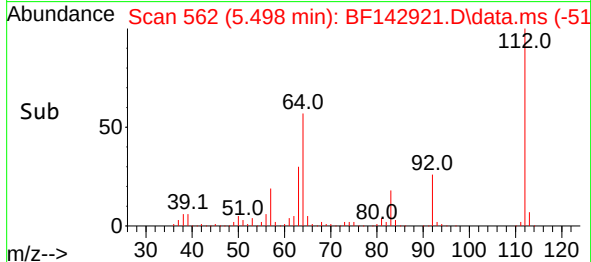
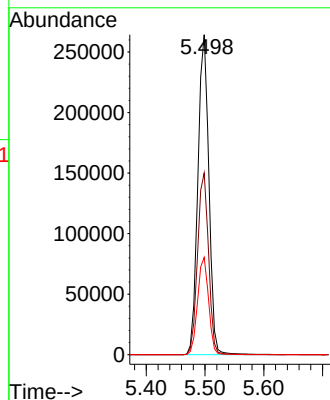
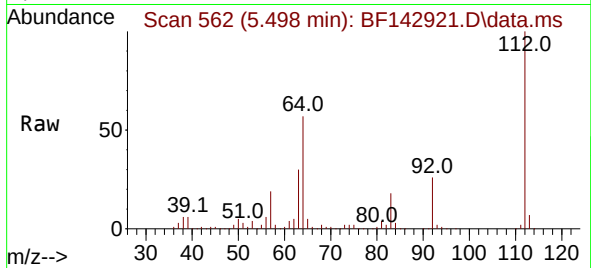




#5
2-Fluorophenol
Concen: 89.971 ng
RT: 5.498 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

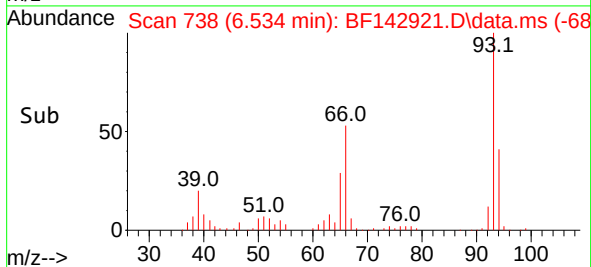
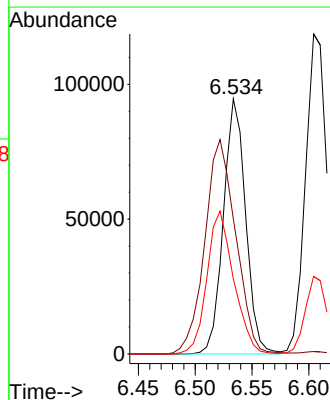
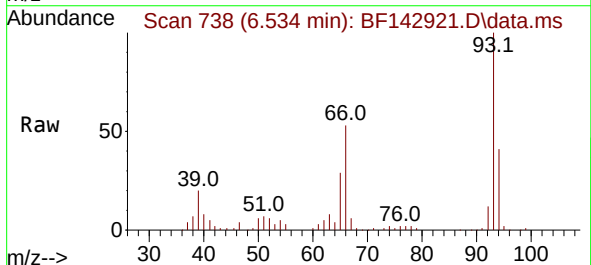
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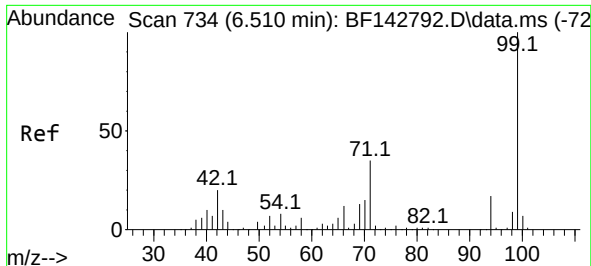
Tgt Ion:112 Resp: 342787
Ion Ratio Lower Upper
112 100
64 56.8 48.2 72.2
63 30.4 25.7 38.5



#6
Aniline
Concen: 21.513 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion: 93 Resp: 128671
Ion Ratio Lower Upper
93 100
66 52.9 31.8 47.6#
65 29.4 16.2 24.2#

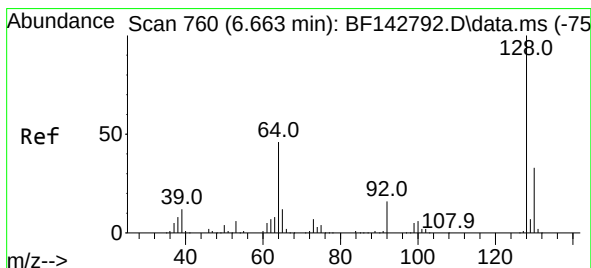
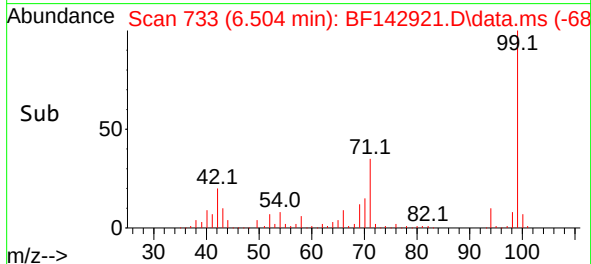
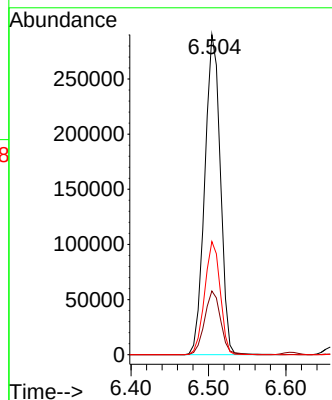
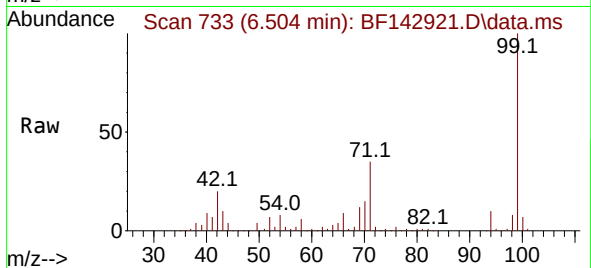




#7
Phenol-d6
Concen: 90.345 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

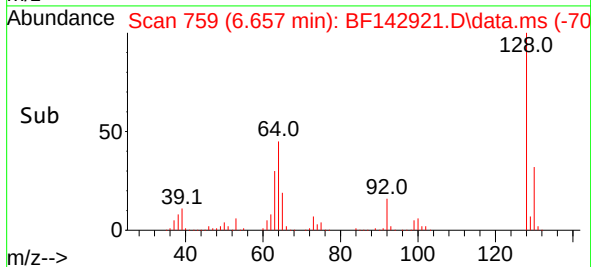
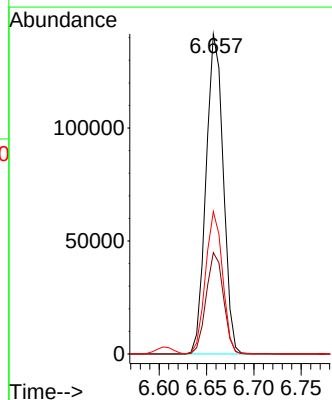
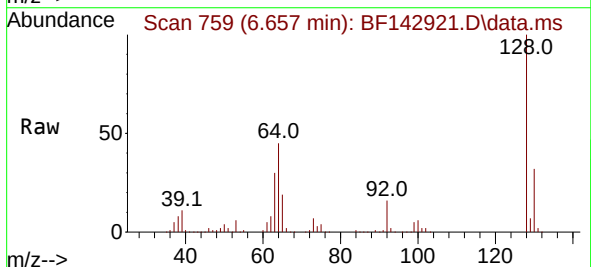
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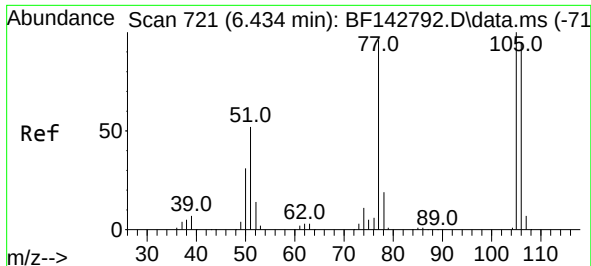
Tgt Ion: 99 Resp: 406100
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 35.3 27.8 41.8



#8
2-Chlorophenol
Concen: 43.569 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion: 128 Resp: 179061
Ion Ratio Lower Upper
128 100
130 31.6 12.7 52.7
64 44.5 26.5 66.5

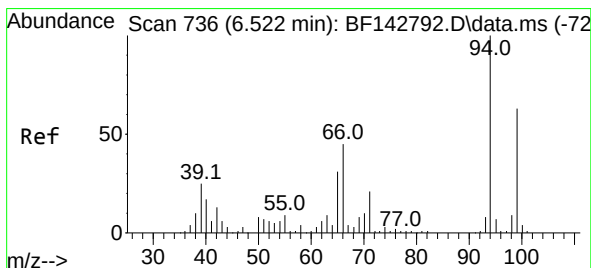
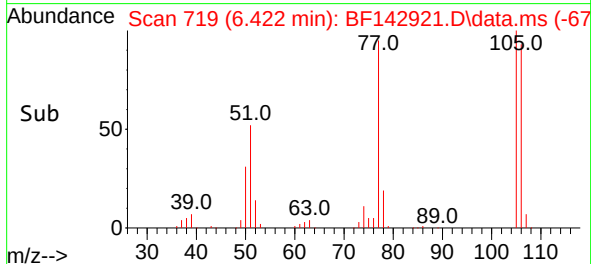
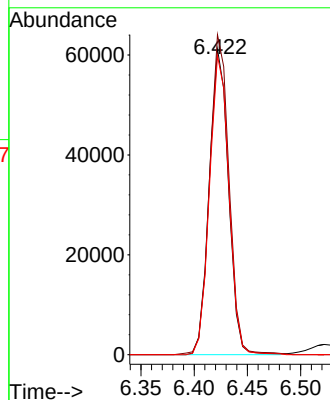
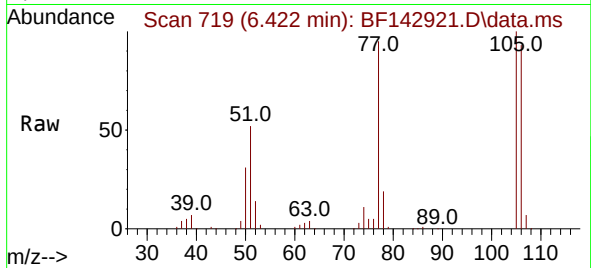




#9
Benzaldehyde
Concen: 28.723 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

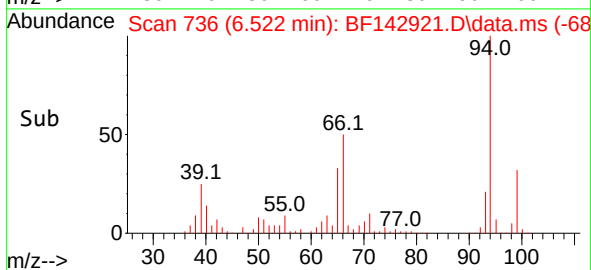
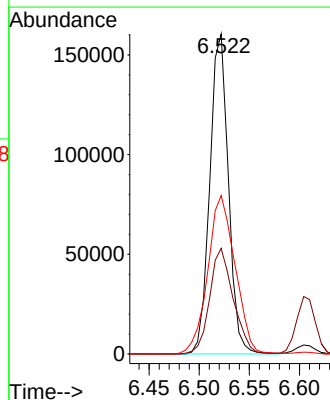
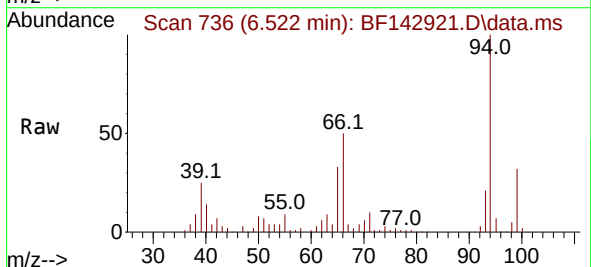
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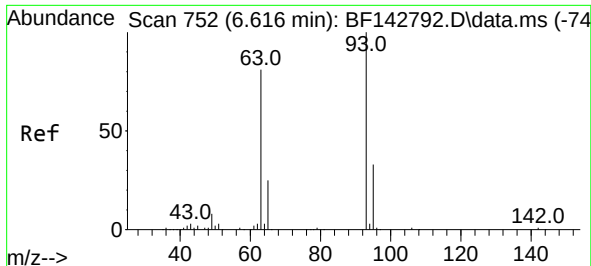
Tgt Ion: 77 Resp: 76599
Ion Ratio Lower Upper
77 100
105 104.7 83.8 123.8
106 97.9 78.7 118.7



#10
Phenol
Concen: 41.506 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 207385
Ion Ratio Lower Upper
94 100
65 33.0 11.3 51.3
66 49.5 24.9 64.9

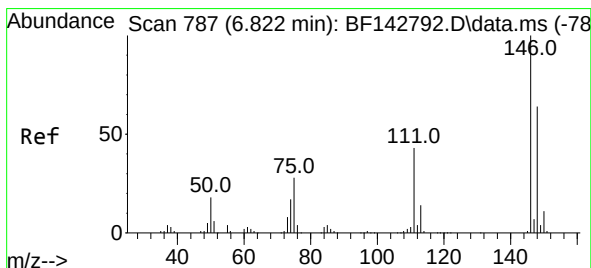
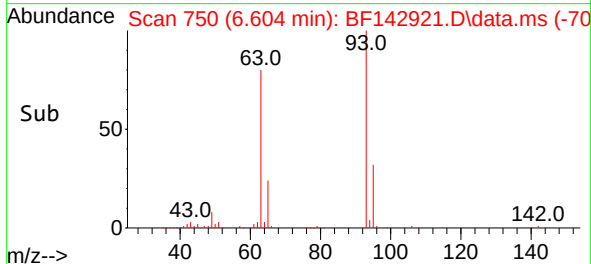
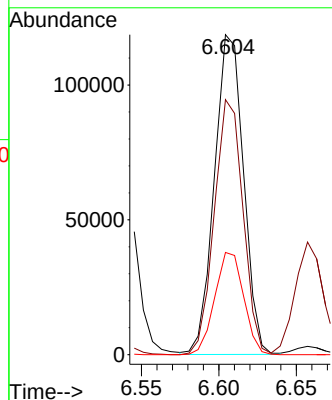
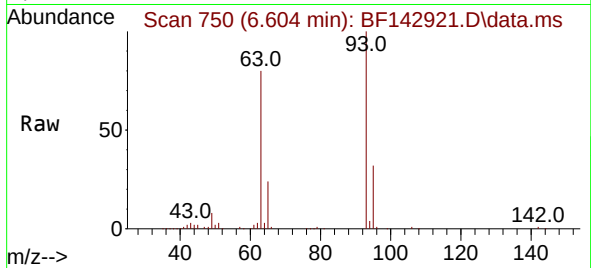




#11
bis(2-Chloroethyl)ether
Concen: 43.448 ng
RT: 6.604 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

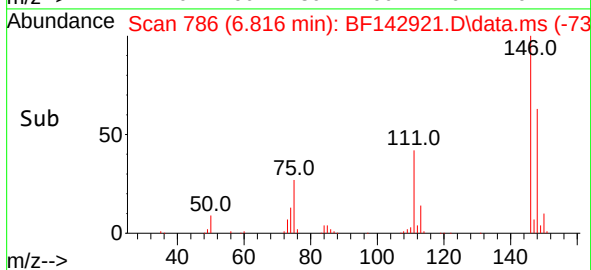
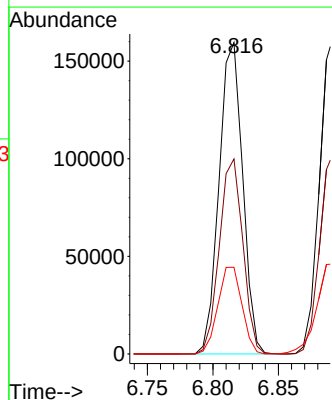
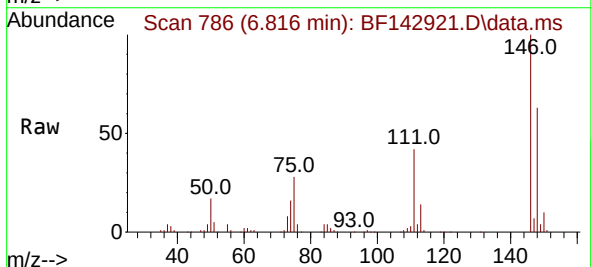
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

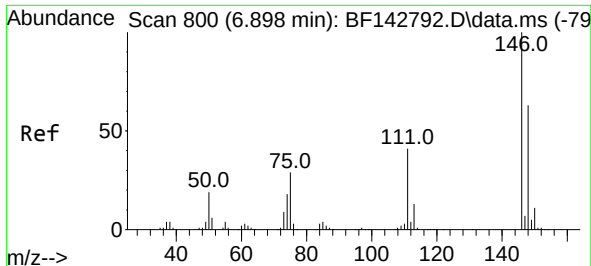
Tgt Ion: 93 Resp: 155158
Ion Ratio Lower Upper
93 100
63 79.7 60.3 100.3
95 32.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 43.430 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:146 Resp: 199622
Ion Ratio Lower Upper
146 100
148 62.7 51.1 76.7
75 27.9 22.7 34.1

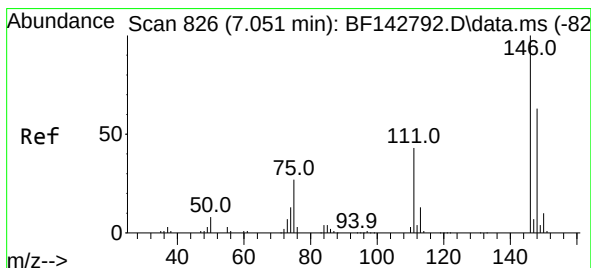
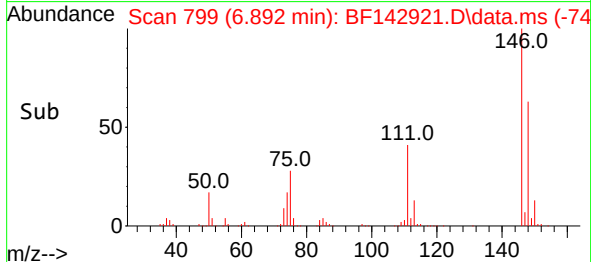
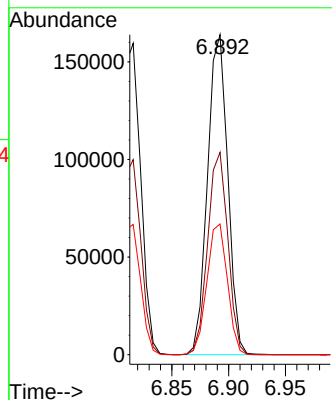
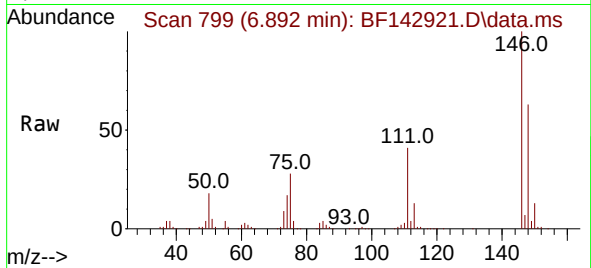




#13
1,4-Dichlorobenzene
Concen: 43.831 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

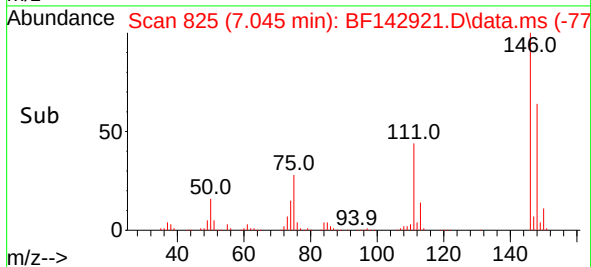
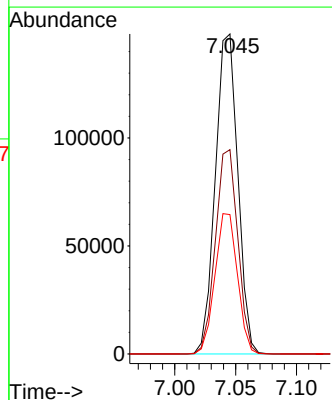
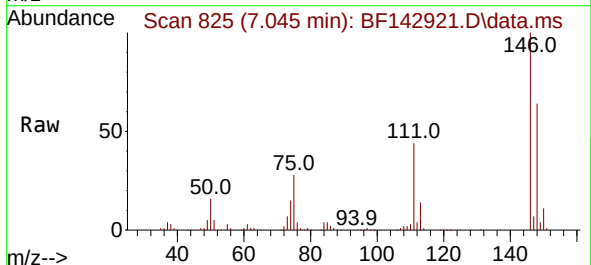
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

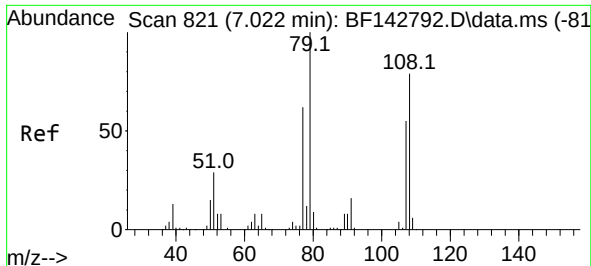
Tgt Ion:146 Resp: 203262
Ion Ratio Lower Upper
146 100
148 63.3 50.2 75.2
111 40.9 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 43.330 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:146 Resp: 190588
Ion Ratio Lower Upper
146 100
148 63.9 50.4 75.6
111 43.5 34.1 51.1

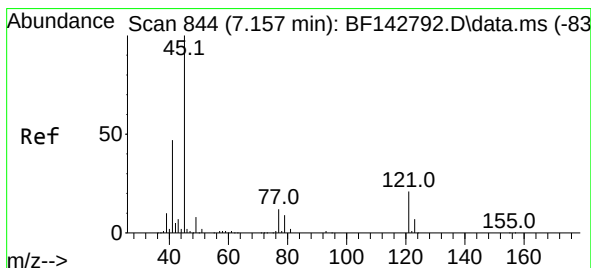
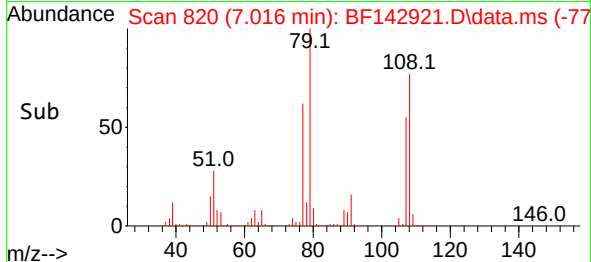
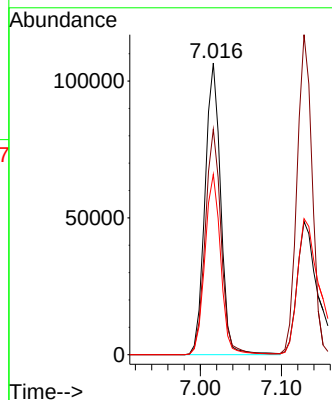
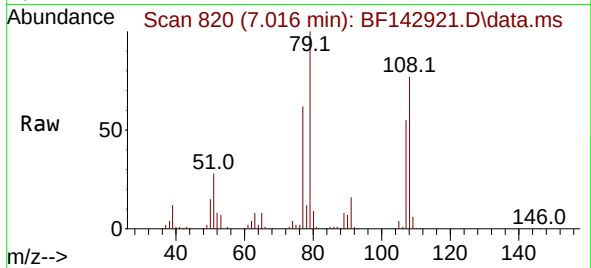




#15
Benzyl Alcohol
Concen: 43.908 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

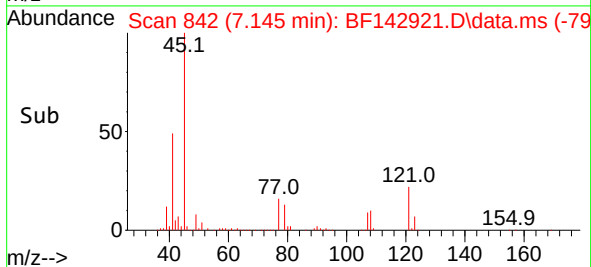
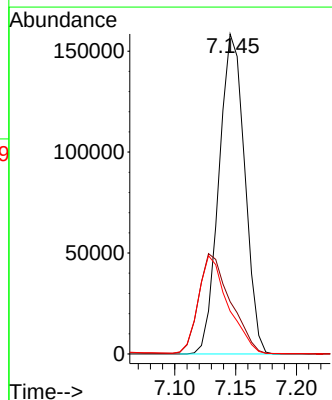
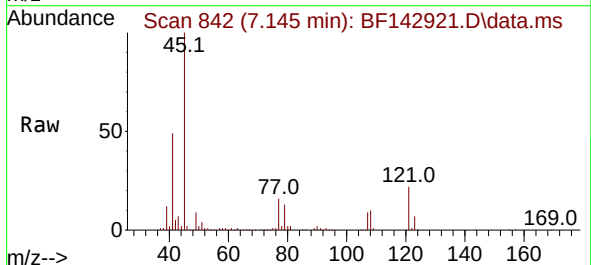
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

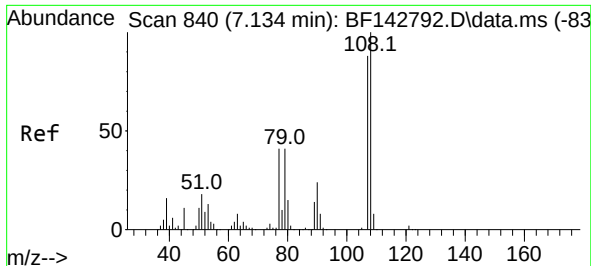
Tgt Ion: 79 Resp: 142684
Ion Ratio Lower Upper
79 100
108 77.3 63.4 95.0
77 61.8 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.646 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion: 45 Resp: 233207
Ion Ratio Lower Upper
45 100
77 16.4 0.0 32.8
79 13.4 0.0 29.8

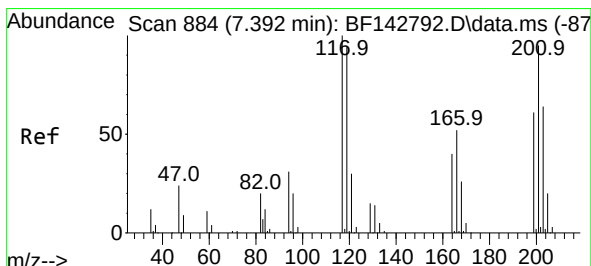
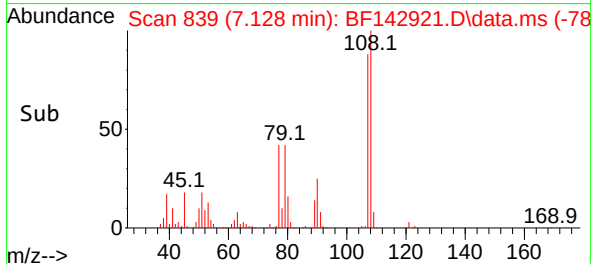
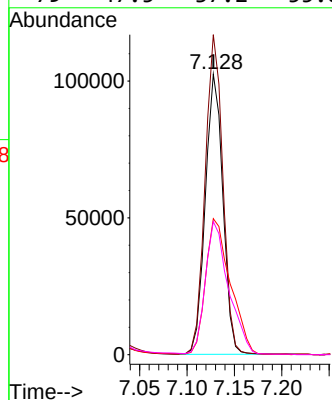
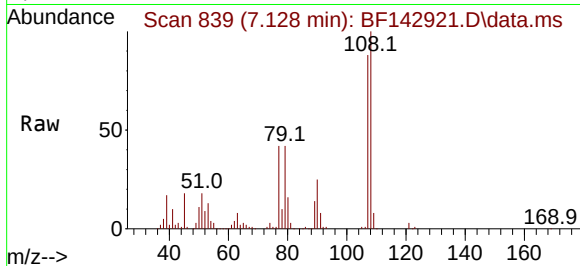




#17
2-Methylphenol
Concen: 42.468 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

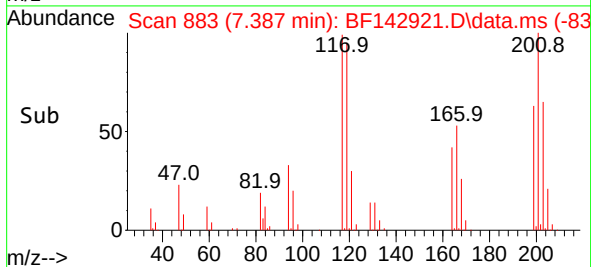
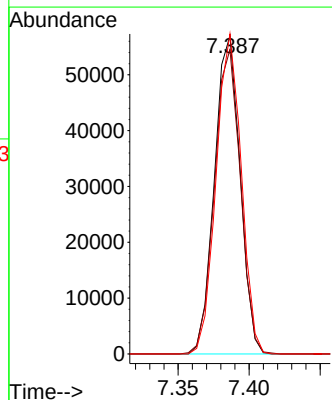
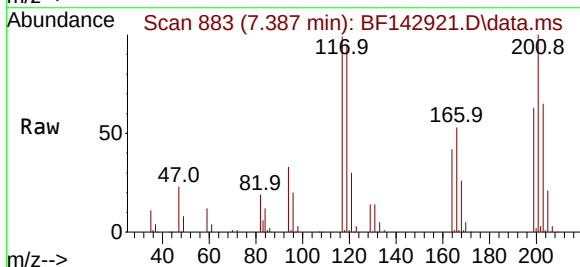
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

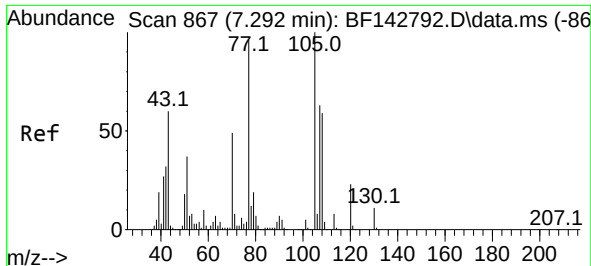
Tgt Ion:	107	Resp:	132266
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.9	136.3
77	48.5	37.3	55.9
79	47.5	37.2	55.8



#18
Hexachloroethane
Concen: 44.043 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:	117	Resp:	71440
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
201	100.5	75.9	113.9

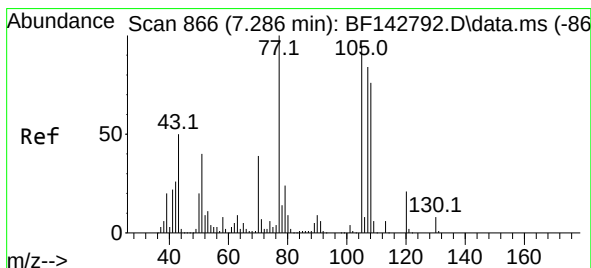
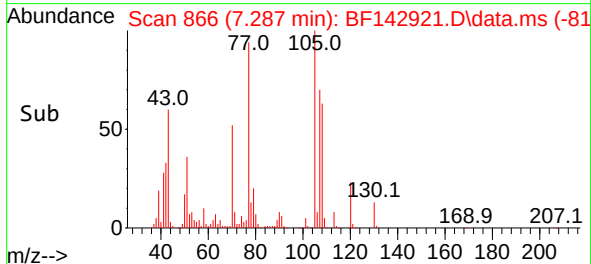
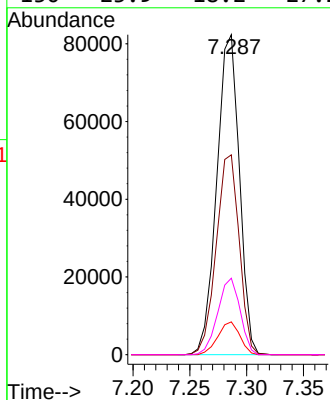
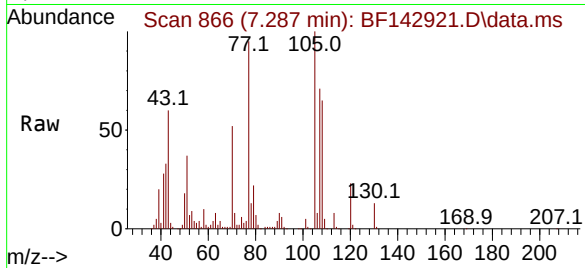




#19
n-Nitroso-di-n-propylamine
Concen: 43.619 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

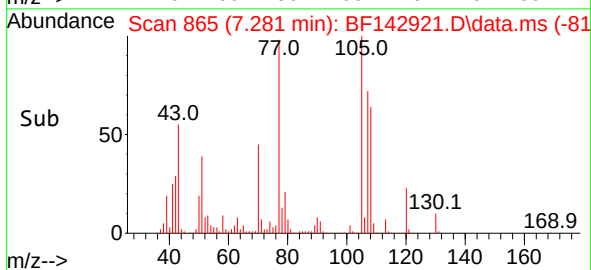
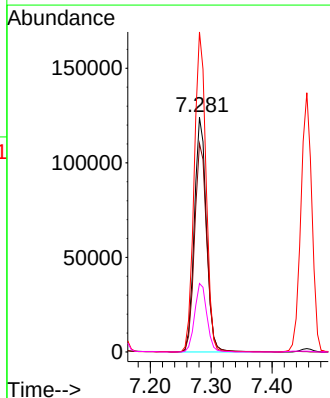
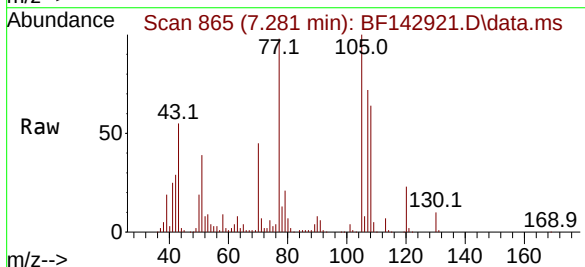
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

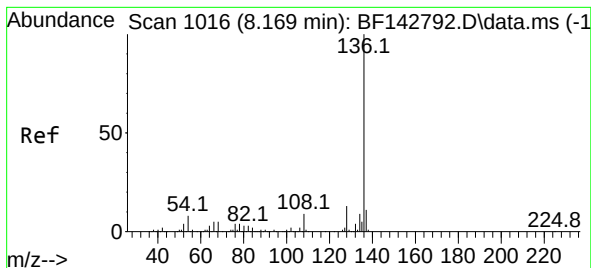
Tgt Ion: 70 Resp: 114033
Ion Ratio Lower Upper
70 100
42 62.5 52.1 78.1
101 10.3 8.2 12.2
130 23.9 18.2 27.2



#20
3+4-Methylphenols
Concen: 44.085 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:107 Resp: 171195
Ion Ratio Lower Upper
107 100
108 88.9 70.0 110.0
77 136.4 98.5 138.5
79 29.2 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: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

Tgt Ion:136 Resp: 239823

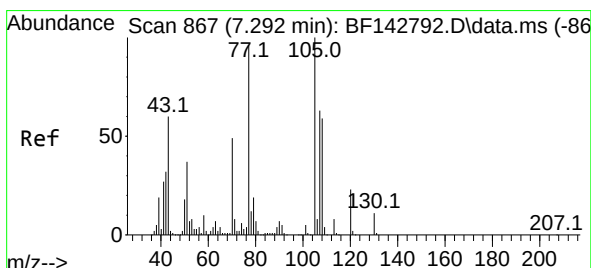
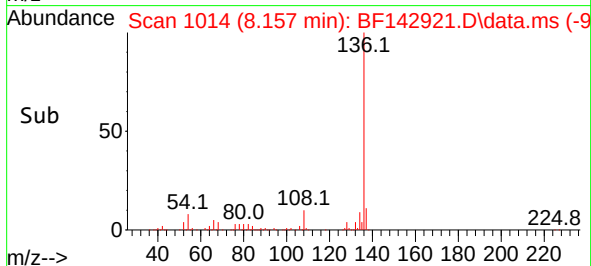
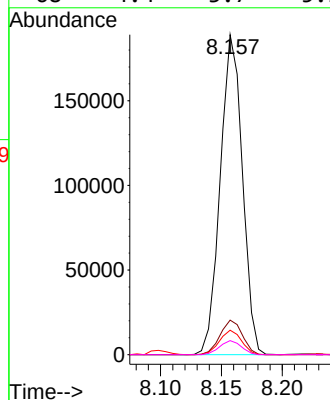
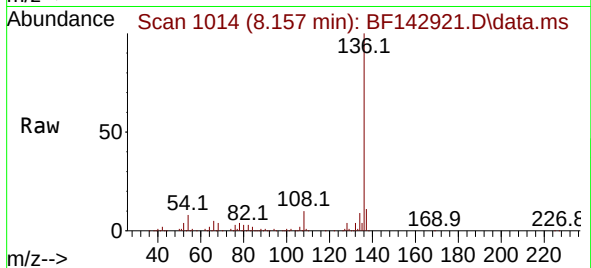
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 7.7 6.3 9.5

68 4.4 3.7 5.5



#22

Acetophenone

Concen: 44.247 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Tgt Ion:105 Resp: 234000

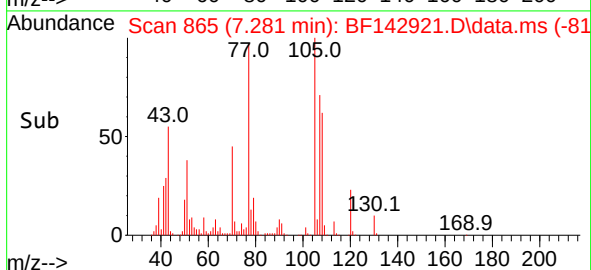
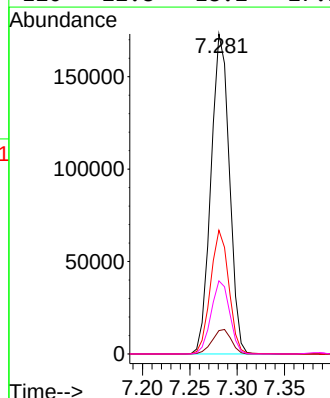
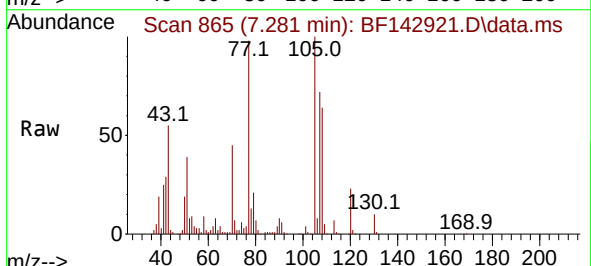
Ion Ratio Lower Upper

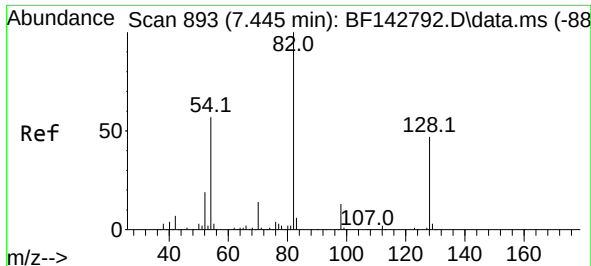
105 100

71 7.3 6.5 9.7

51 38.6 29.8 44.8

120 22.8 18.2 27.2

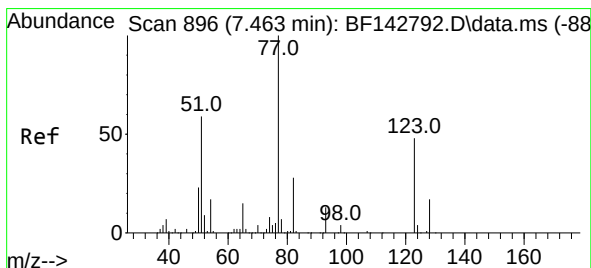
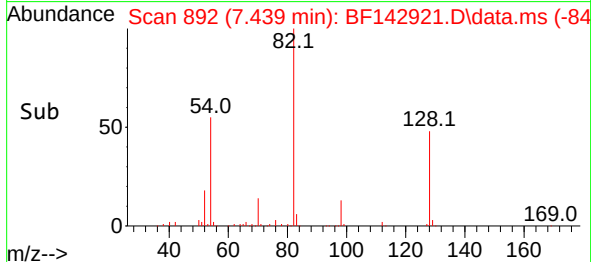
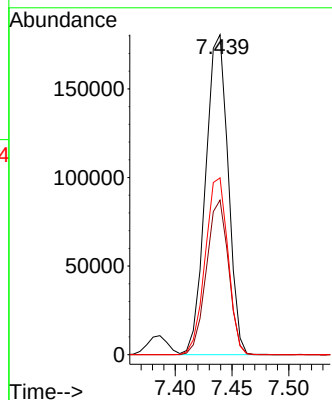
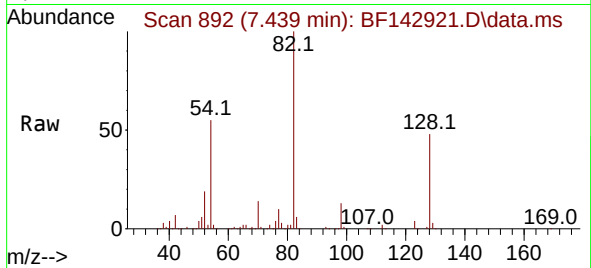




#23
Nitrobenzene-d5
Concen: 57.031 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

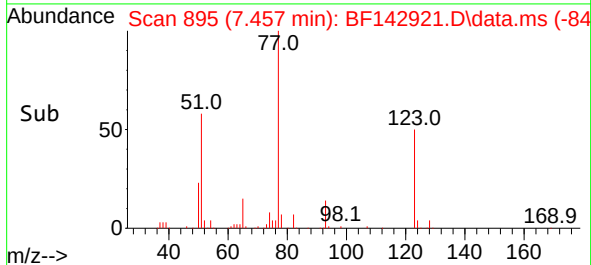
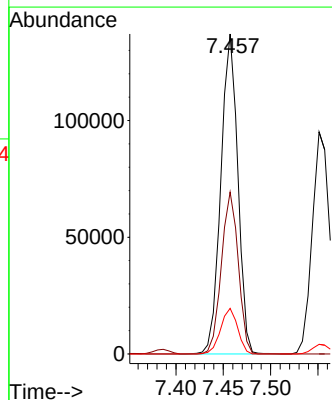
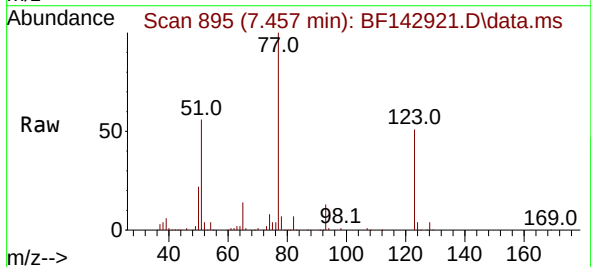
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

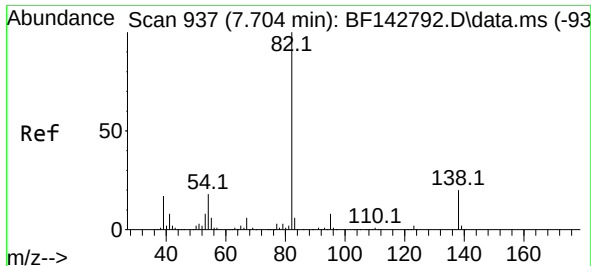
Tgt Ion: 82 Resp: 249355
Ion Ratio Lower Upper
82 100
128 48.3 37.7 56.5
54 55.2 45.7 68.5



#24
Nitrobenzene
Concen: 43.232 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion: 77 Resp: 171083
Ion Ratio Lower Upper
77 100
123 50.6 39.2 58.8
65 14.3 11.6 17.4

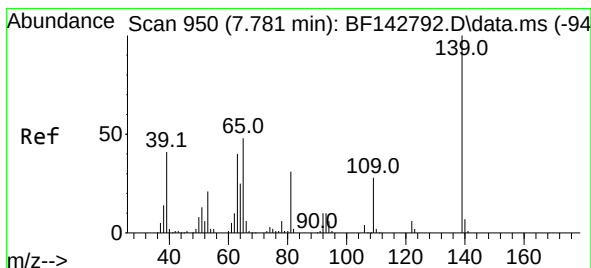
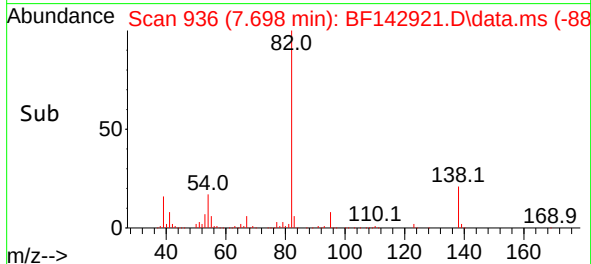
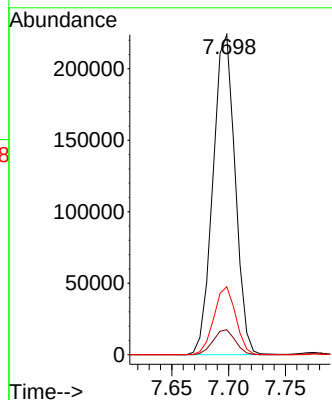
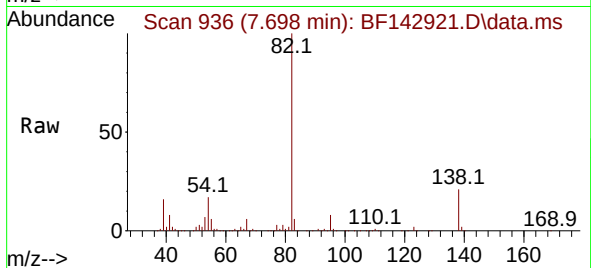




#25
Isophorone
Concen: 43.282 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

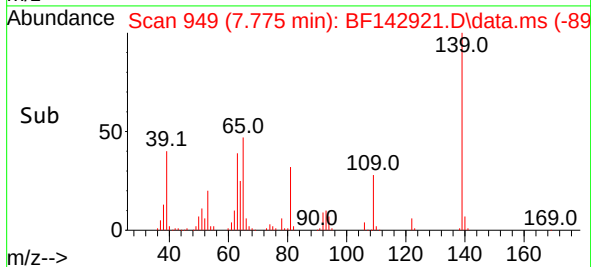
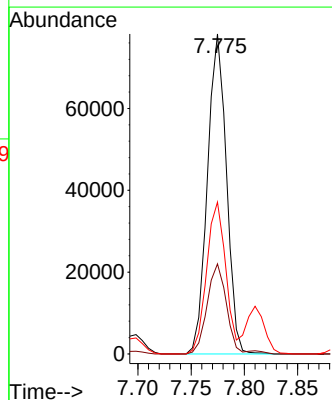
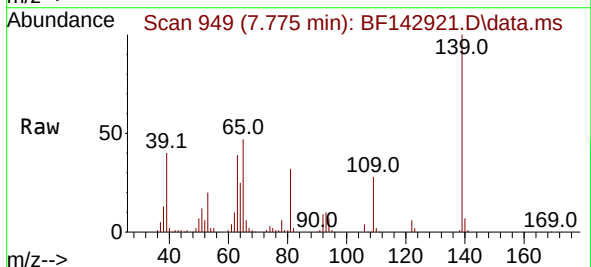
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

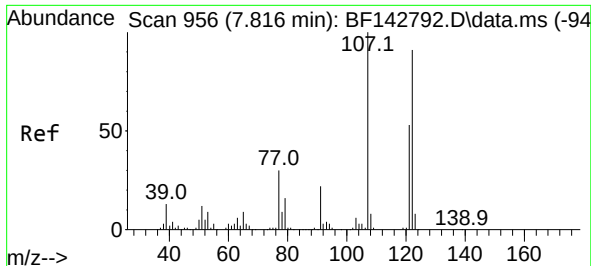
Tgt Ion: 82 Resp: 303572
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 21.3 16.2 24.4



#26
2-Nitrophenol
Concen: 45.065 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:139 Resp: 97148
Ion Ratio Lower Upper
139 100
109 28.1 22.7 34.1
65 47.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.174 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

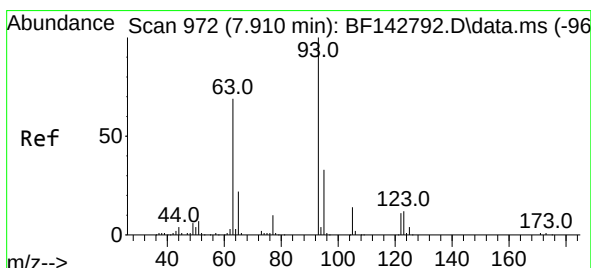
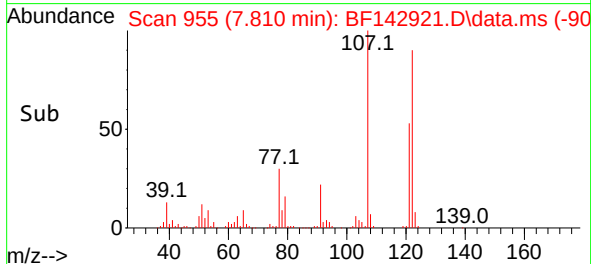
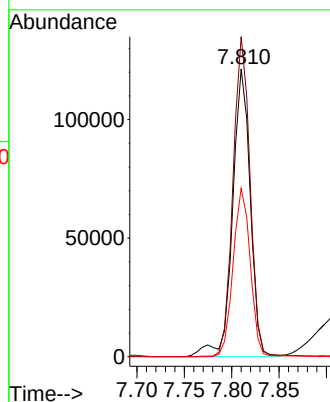
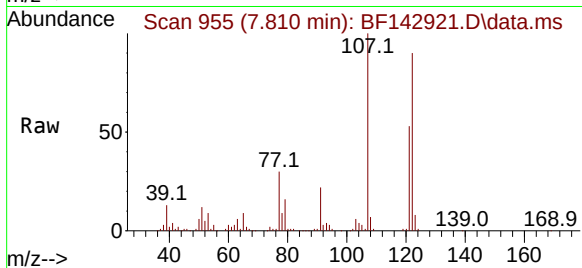
Tgt Ion:122 Resp: 157482

Ion Ratio Lower Upper

122 100

107 111.3 88.0 132.0

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.541 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

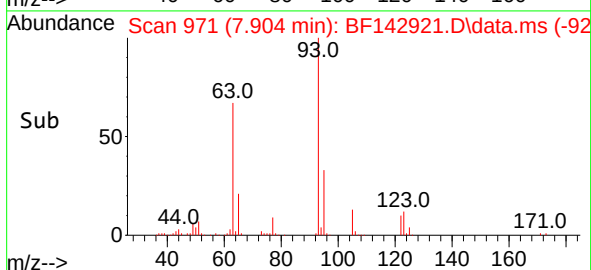
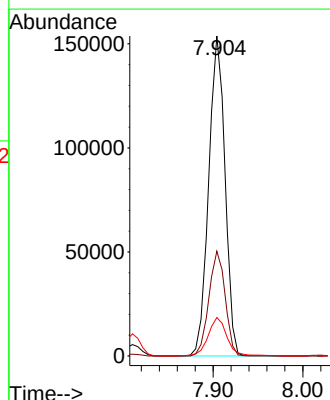
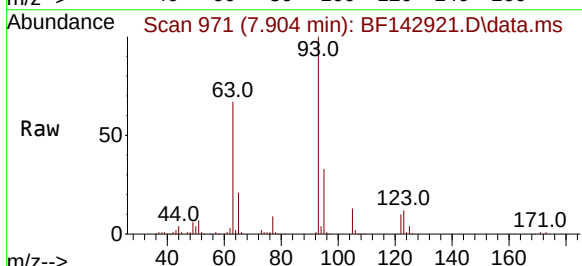
Tgt Ion: 93 Resp: 194151

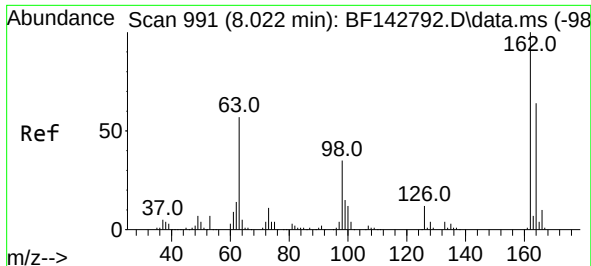
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 12.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.350 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

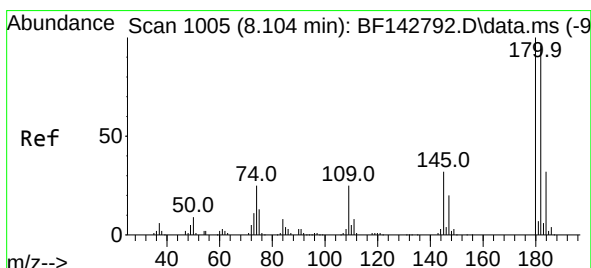
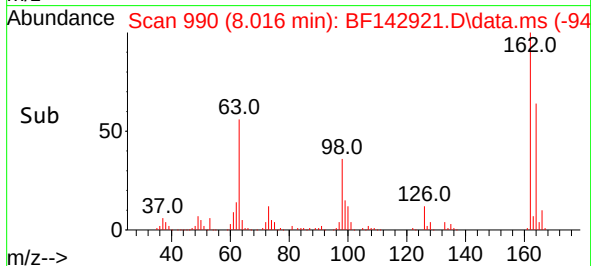
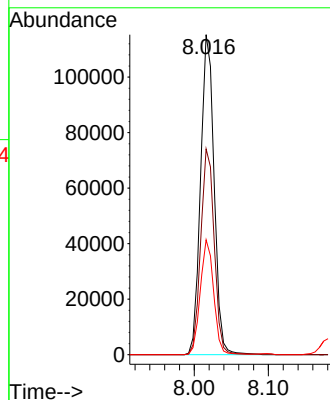
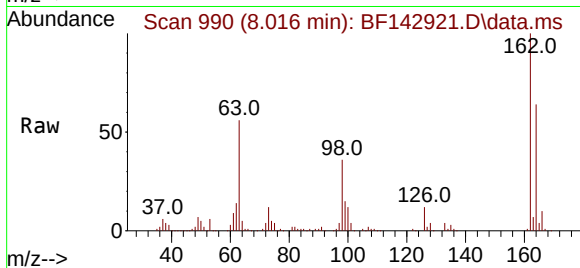
Tgt Ion:162 Resp: 146774

Ion Ratio Lower Upper

162 100

164 64.3 44.0 84.0

98 35.9 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 43.159 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

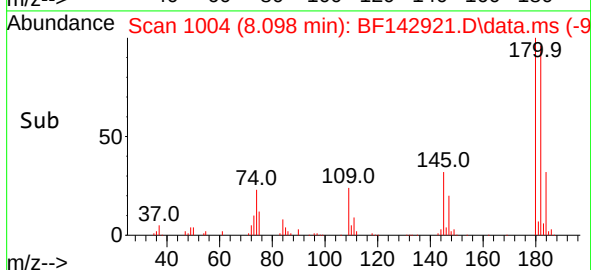
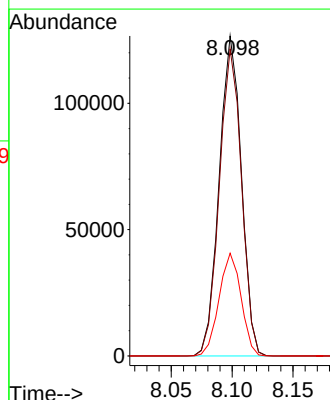
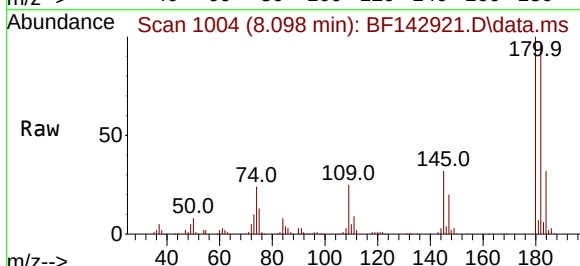
Tgt Ion:180 Resp: 160684

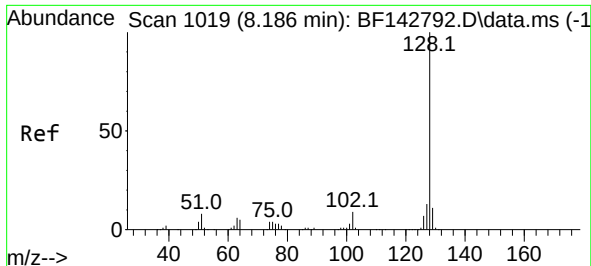
Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

145 32.1 25.8 38.8

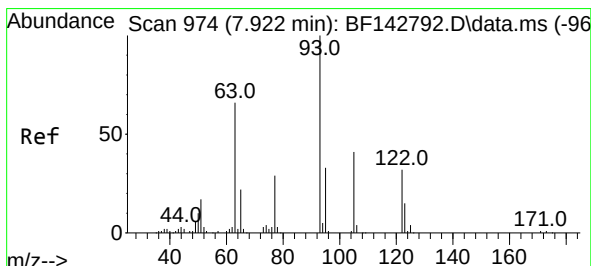
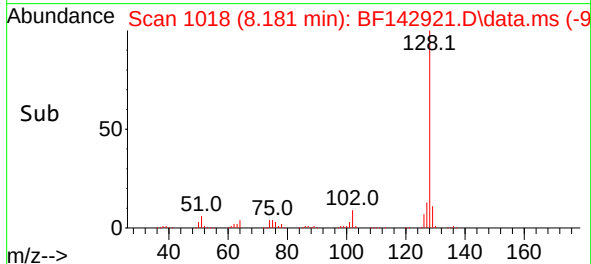
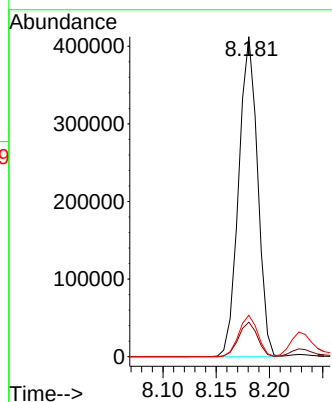
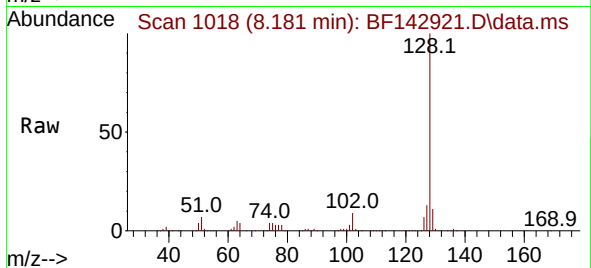




#31
Naphthalene
Concen: 43.469 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

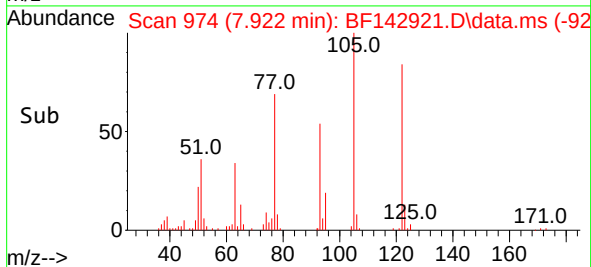
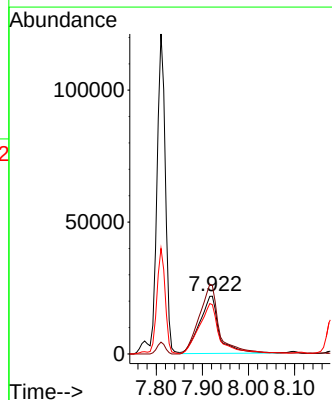
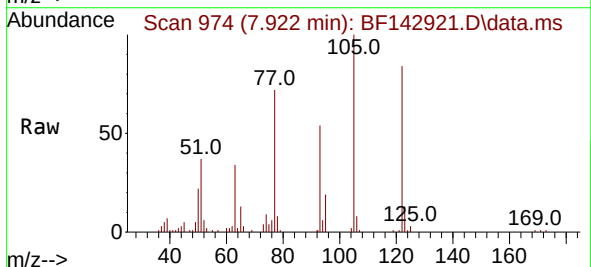
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

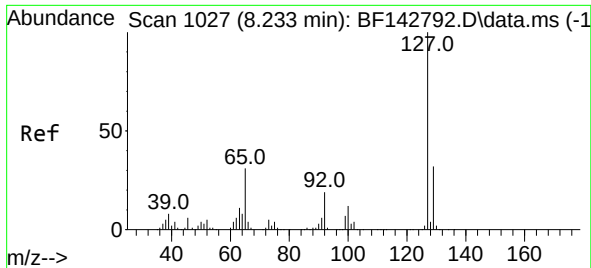
Tgt Ion:128 Resp: 510282
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 33.985 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:122 Resp: 64680
Ion Ratio Lower Upper
122 100
105 118.6 104.7 144.7
77 85.5 70.2 110.2

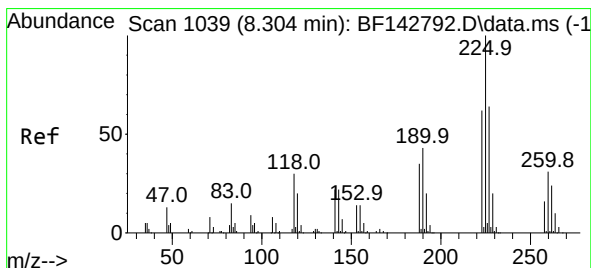
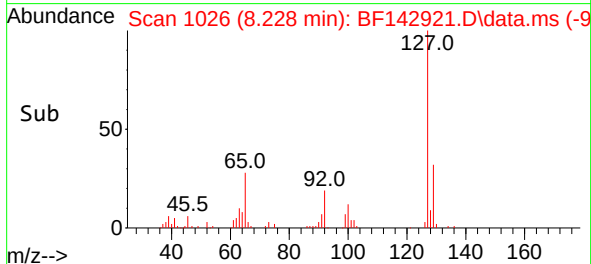
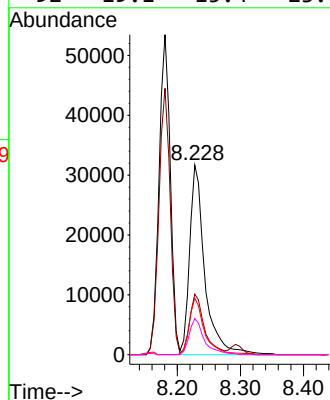
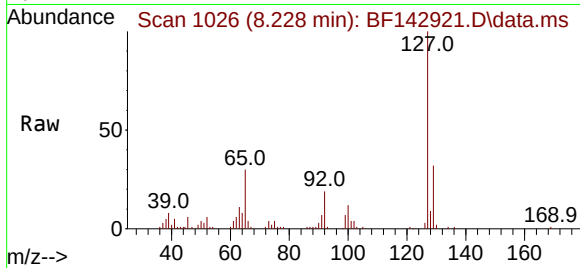




#33
4-Chloroaniline
Concen: 11.136 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

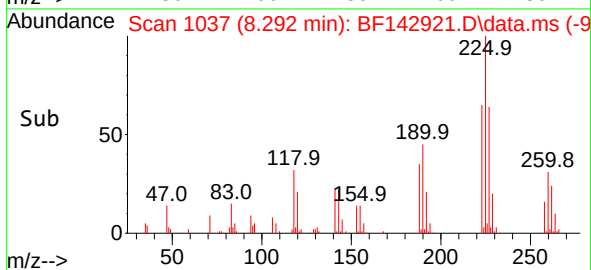
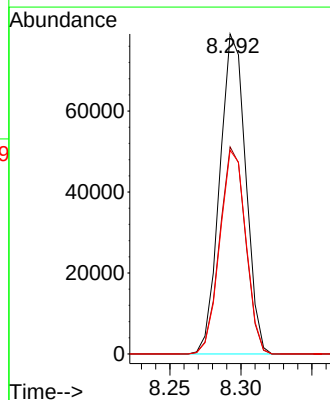
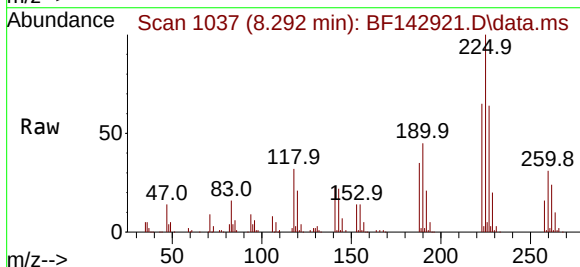
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

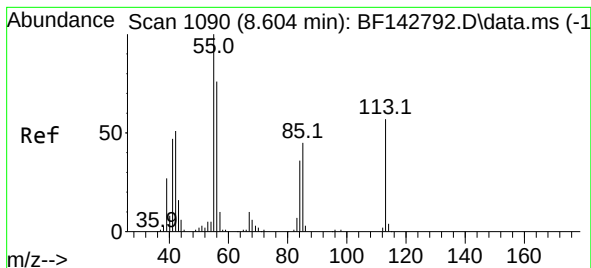
Tgt Ion:	127	Resp:	53156
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.9	38.9
65	29.7	24.6	36.8
92	19.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 44.049 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:	225	Resp:	100314
Ion Ratio	Lower	Upper	
225	100		
223	64.7	49.9	74.9
227	63.7	51.4	77.0





#35

Caprolactam

Concen: 46.332 ng

RT: 8.598 min Scan# 1089

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

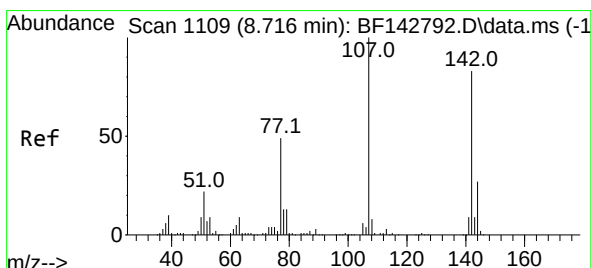
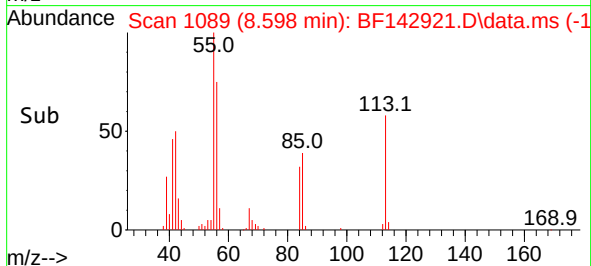
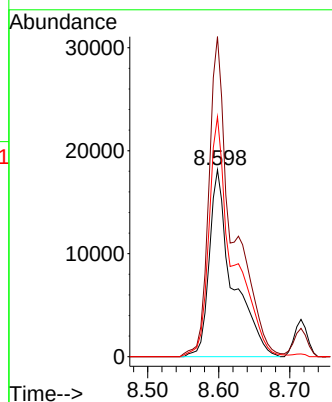
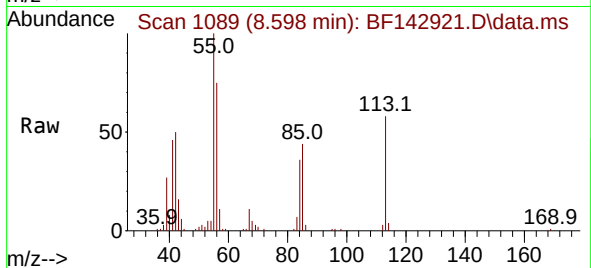
Tgt Ion:113 Resp: 41394

Ion Ratio Lower Upper

113 100

55 171.2 154.4 194.4

56 128.3 112.1 152.1



#36

4-Chloro-3-methylphenol

Concen: 43.083 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

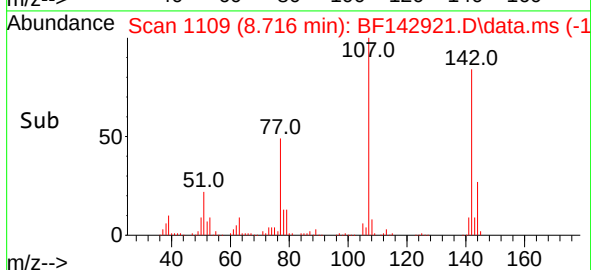
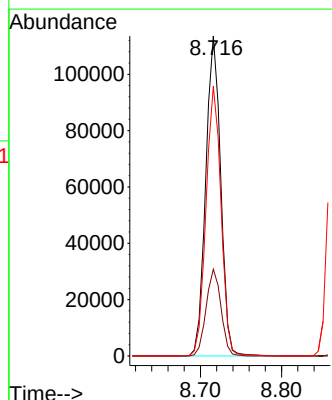
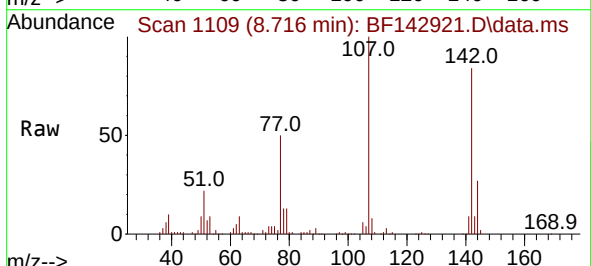
Tgt Ion:107 Resp: 144971

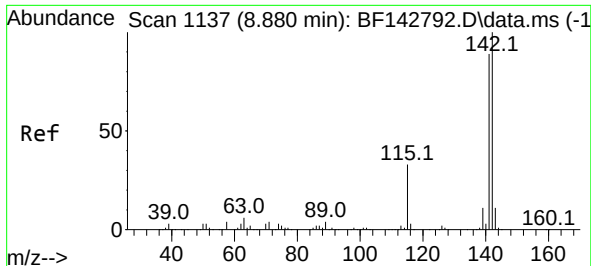
Ion Ratio Lower Upper

107 100

144 27.1 21.3 31.9

142 84.2 66.6 100.0

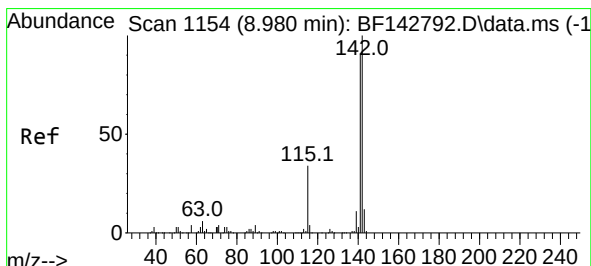
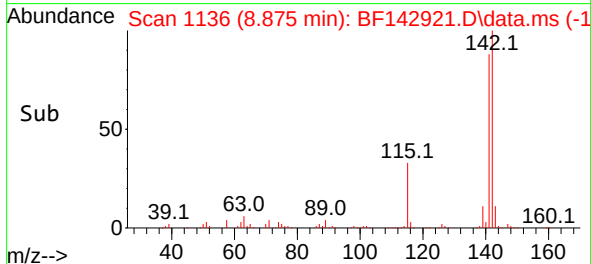
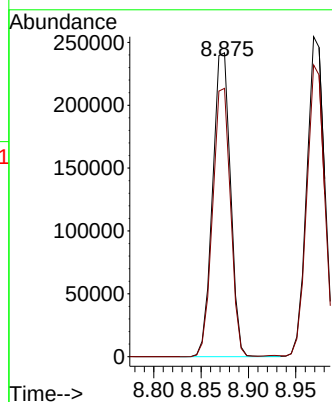
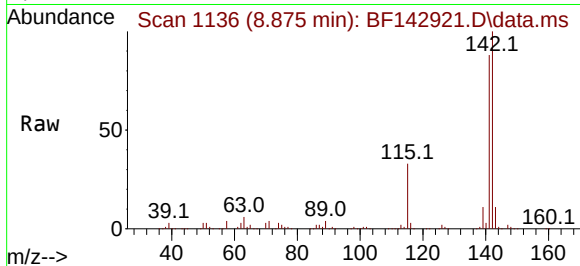




#37
2-Methylnaphthalene
Concen: 43.672 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

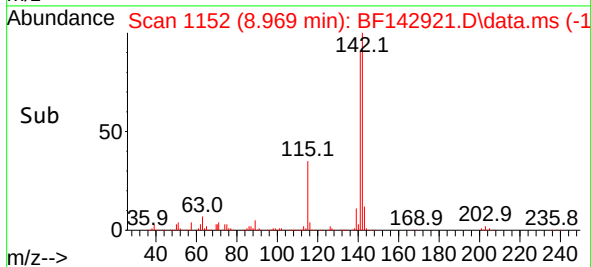
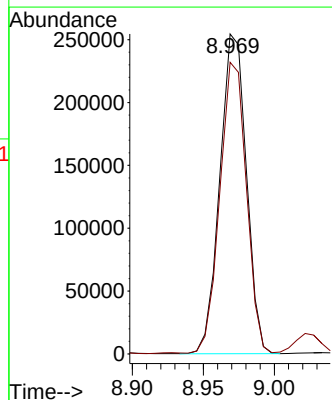
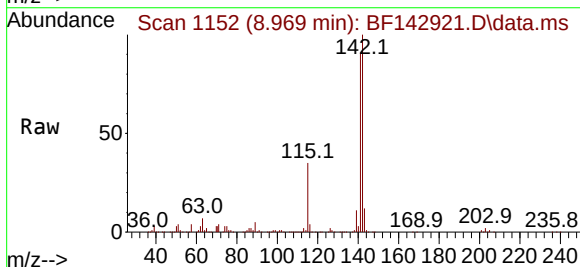
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

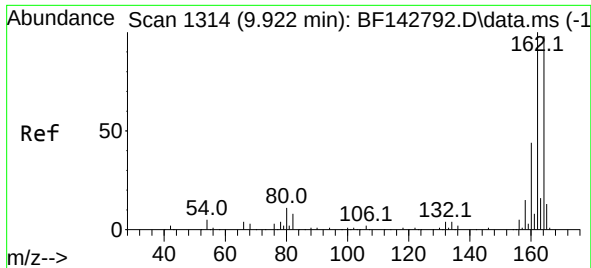
Tgt Ion:142 Resp: 317831
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#38
1-Methylnaphthalene
Concen: 43.866 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:142 Resp: 330475
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

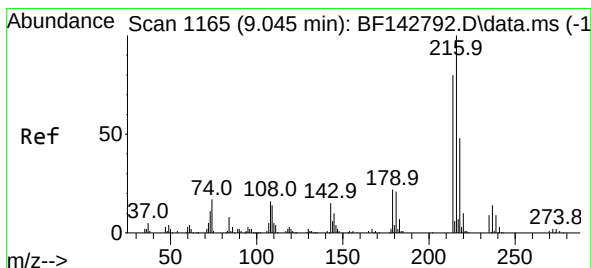
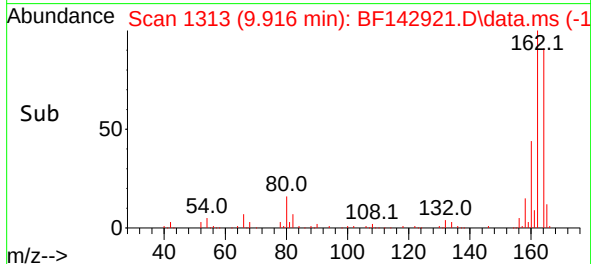
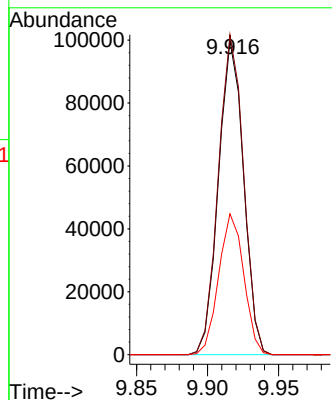
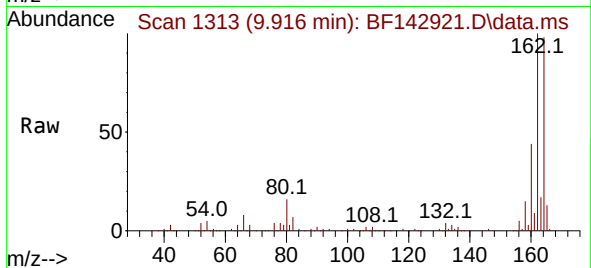
Tgt Ion:164 Resp: 122332

Ion Ratio Lower Upper

164 100

162 102.0 81.8 122.8

160 44.9 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.888 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Tgt Ion:216 Resp: 162030

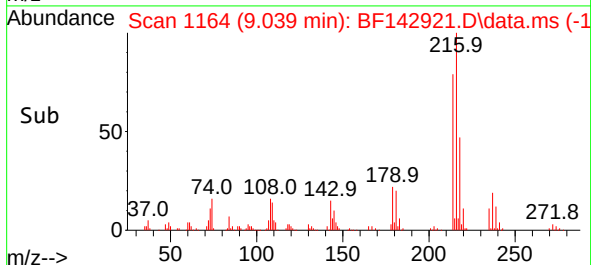
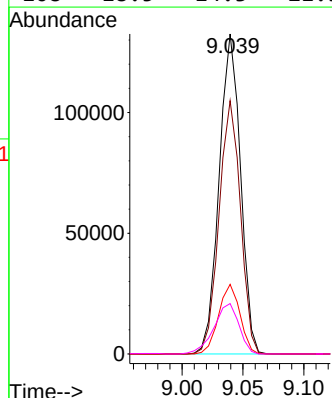
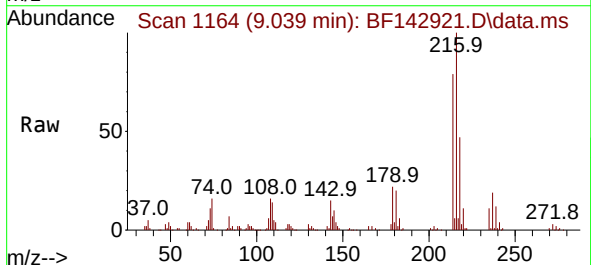
Ion Ratio Lower Upper

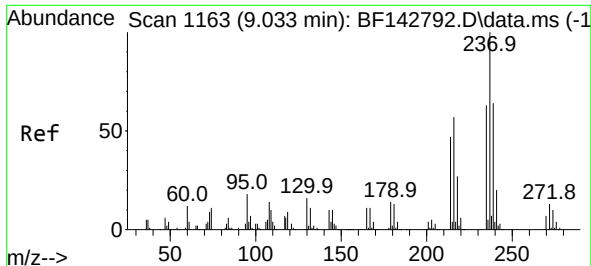
216 100

214 79.1 63.7 95.5

179 21.8 17.6 26.4

108 18.5 14.3 21.5

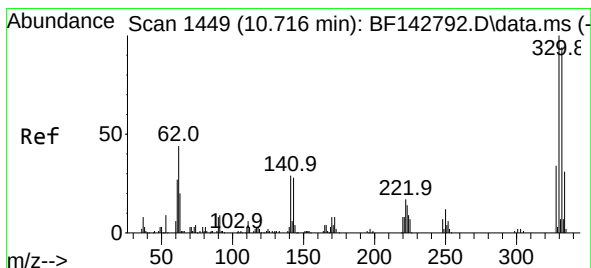
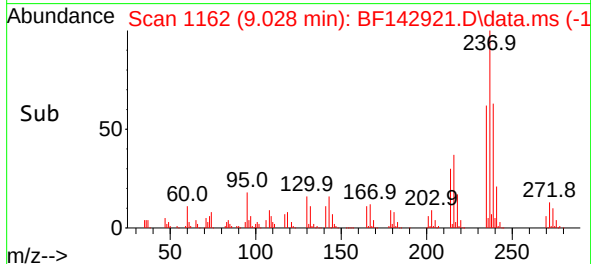
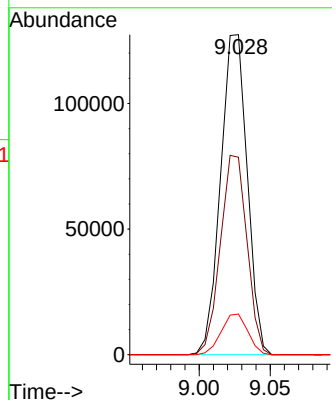
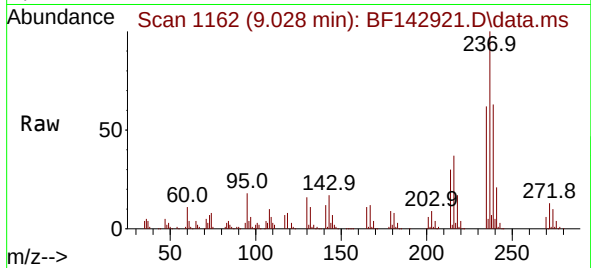




#41
 Hexachlorocyclopentadiene
 Concen: 81.278 ng
 RT: 9.028 min Scan# 1162
 Delta R.T. -0.006 min
 Lab File: BF142921.D
 Acq: 30 Jun 2025 18:13

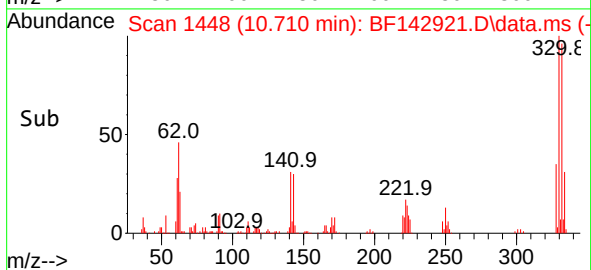
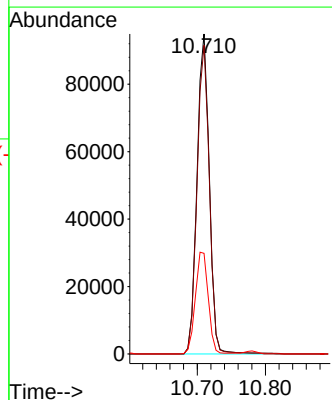
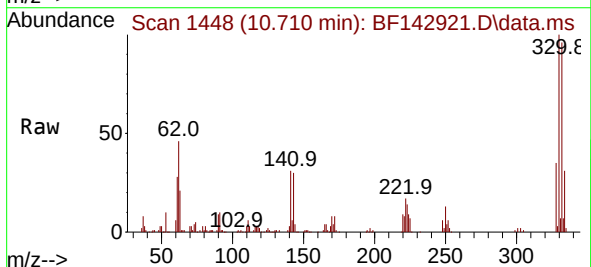
Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMS

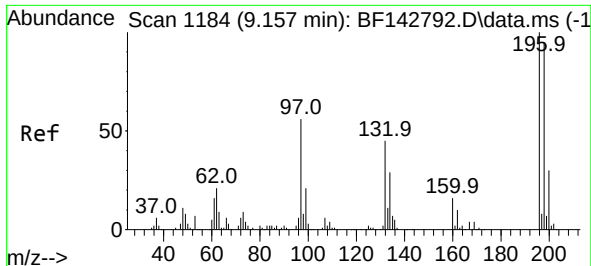
Tgt Ion:237 Resp: 166489
 Ion Ratio Lower Upper
 237 100
 235 61.7 43.4 83.4
 272 12.7 0.0 32.7



#42
 2,4,6-Tribromophenol
 Concen: 94.199 ng
 RT: 10.710 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: BF142921.D
 Acq: 30 Jun 2025 18:13

Tgt Ion:330 Resp: 118585
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.0 112.6
 141 33.3 25.3 37.9

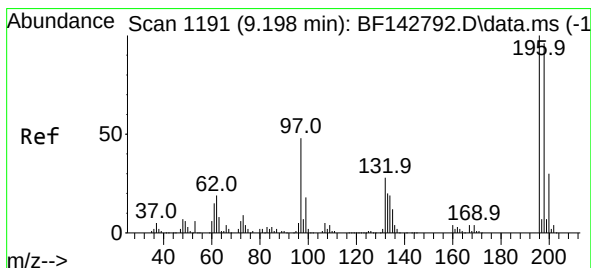
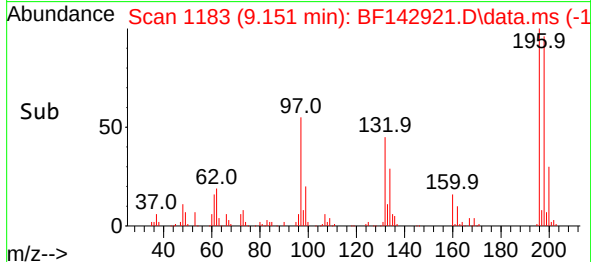
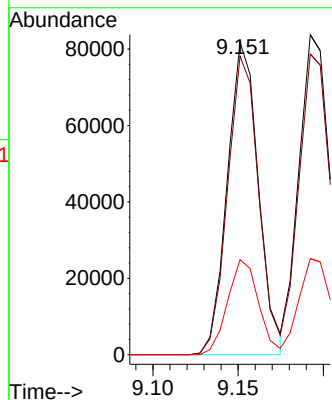
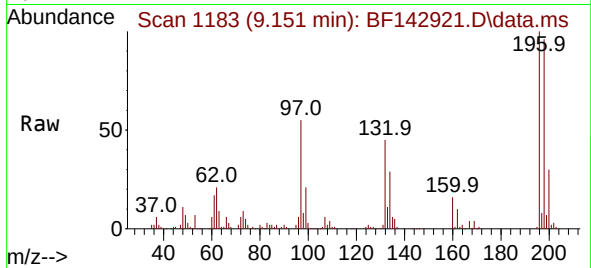




#43
2,4,6-Trichlorophenol
Concen: 44.136 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

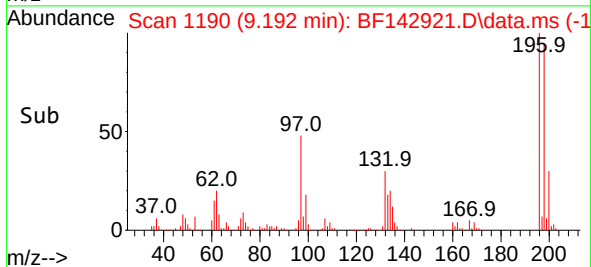
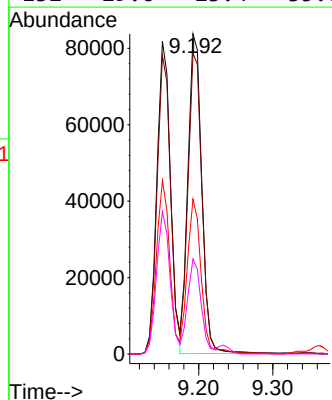
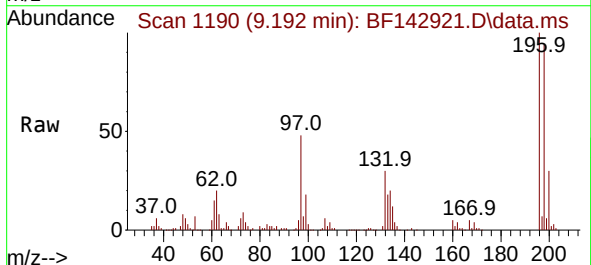
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

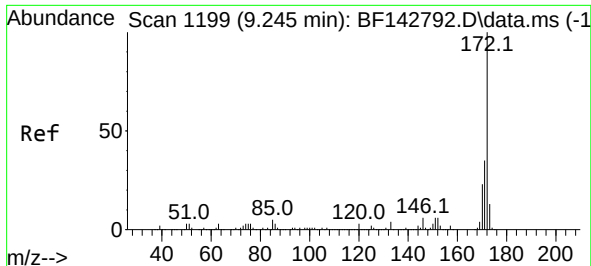
Tgt Ion:196 Resp: 103812
Ion Ratio Lower Upper
196 100
198 95.5 76.2 114.2
200 30.4 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 43.791 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:196 Resp: 108426
Ion Ratio Lower Upper
196 100
198 93.9 76.6 115.0
97 48.4 38.2 57.2
132 29.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 57.458 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

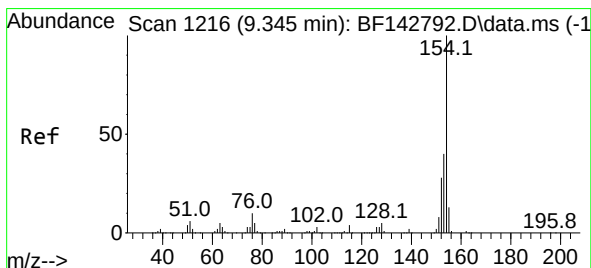
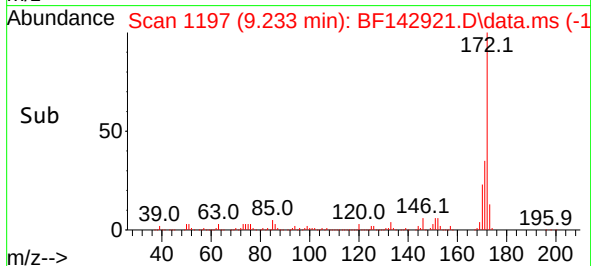
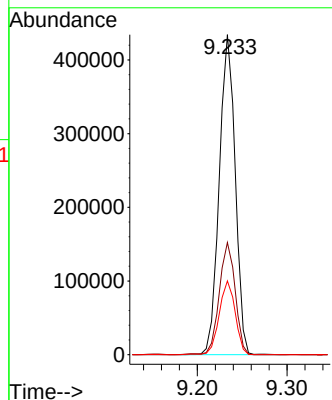
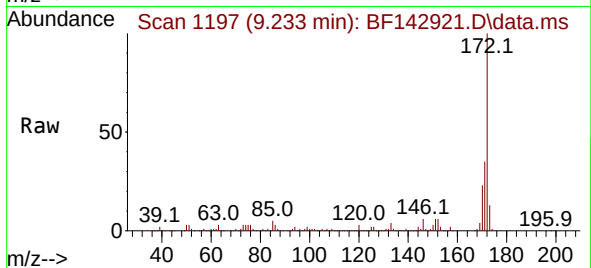
Tgt Ion:172 Resp: 535062

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.0 18.5 27.7



#46

1,1'-Biphenyl

Concen: 44.892 ng

RT: 9.333 min Scan# 1214

Delta R.T. -0.012 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

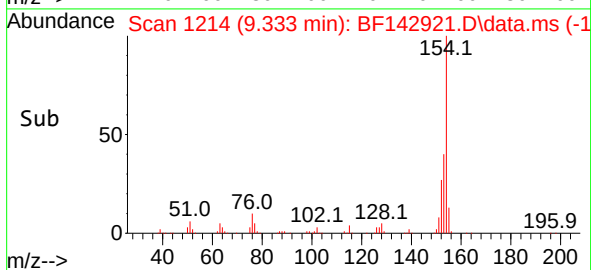
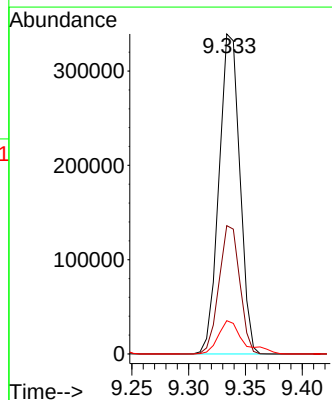
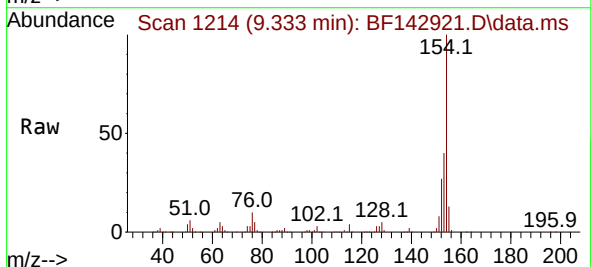
Tgt Ion:154 Resp: 433812

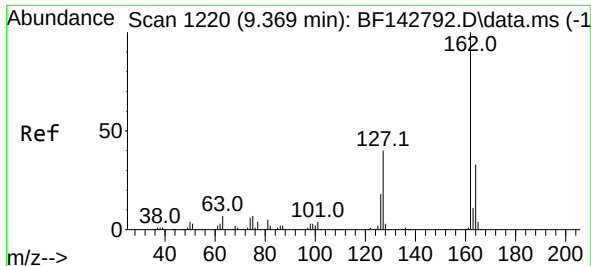
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 10.4 0.0 30.3

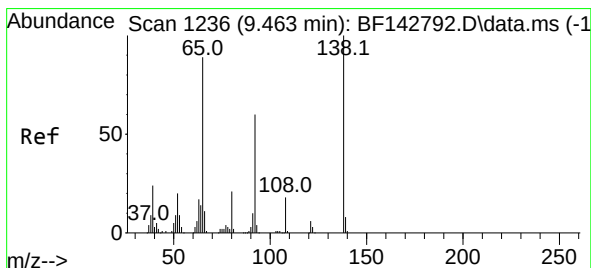
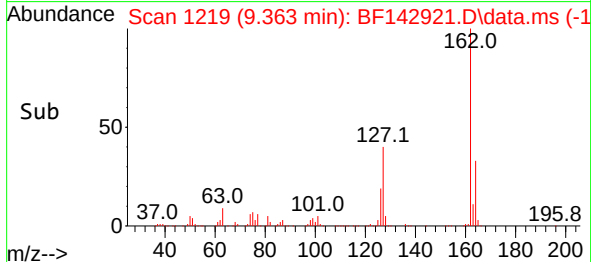
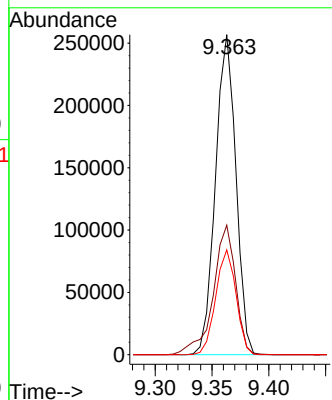
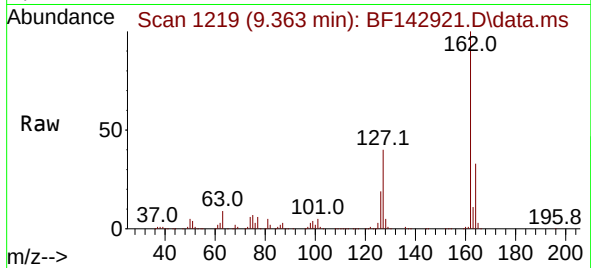




#47
2-Chloronaphthalene
Concen: 44.243 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

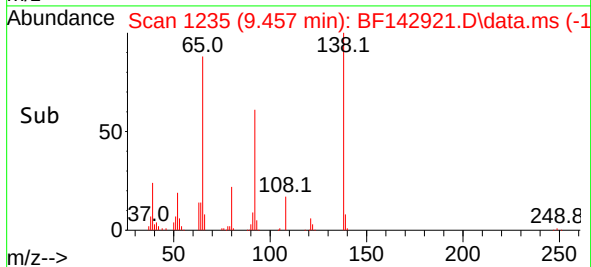
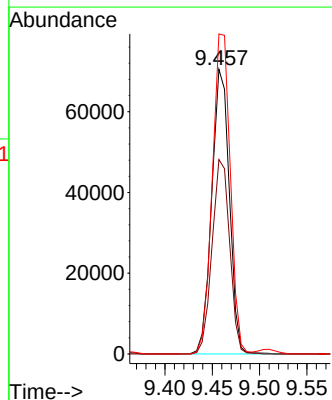
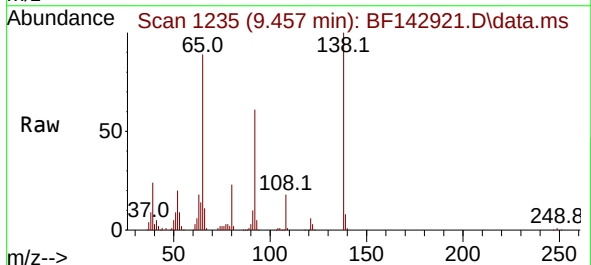
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

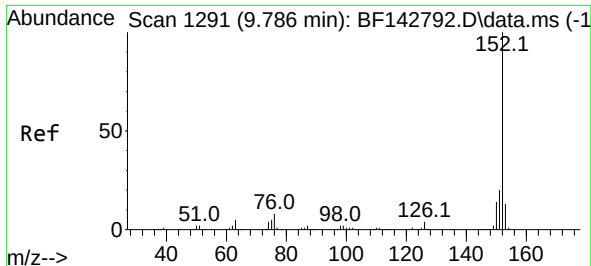
Tgt Ion:162 Resp: 320845
Ion Ratio Lower Upper
162 100
127 40.4 32.2 48.2
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 44.799 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

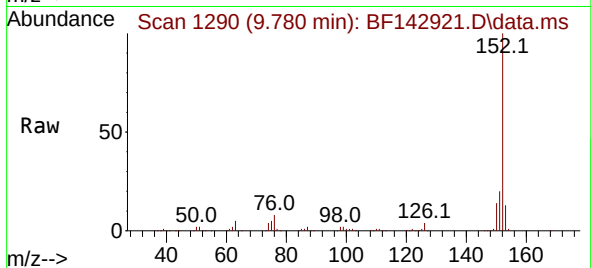
Tgt Ion: 65 Resp: 91080
Ion Ratio Lower Upper
65 100
92 68.3 53.8 80.6
138 112.5 89.6 134.4



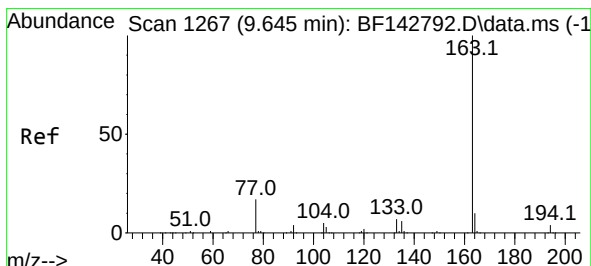
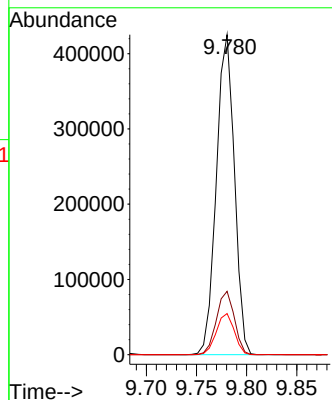
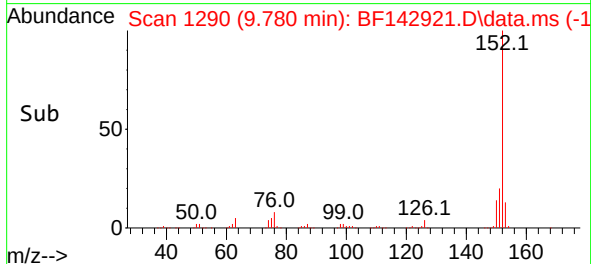


#49
Acenaphthylene
Concen: 44.492 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

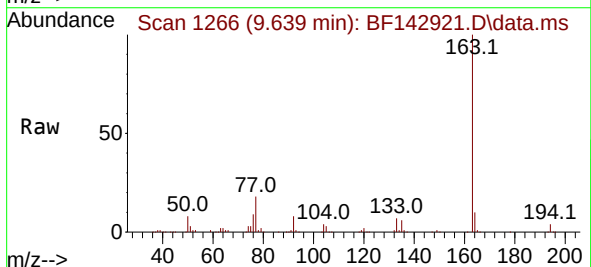
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS



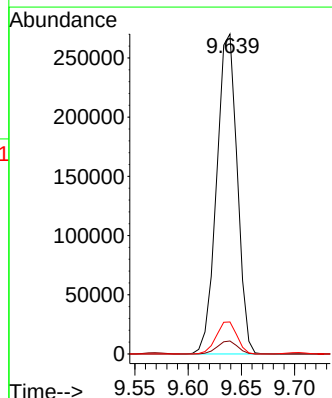
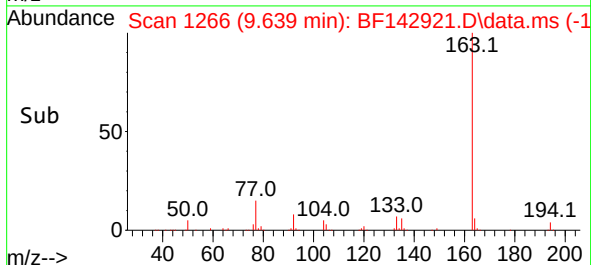
Tgt Ion:152 Resp: 531142
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 12.8 10.4 15.6

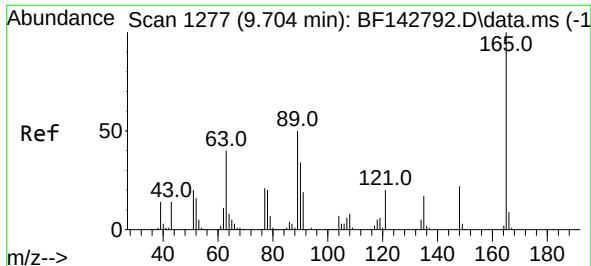


#50
Dimethylphthalate
Concen: 45.779 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13



Tgt Ion:163 Resp: 362507
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.0 12.0

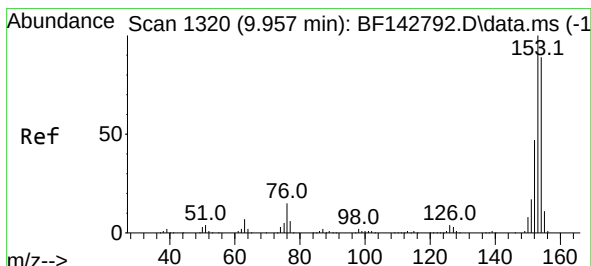
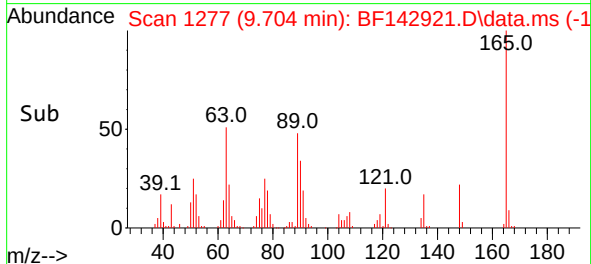
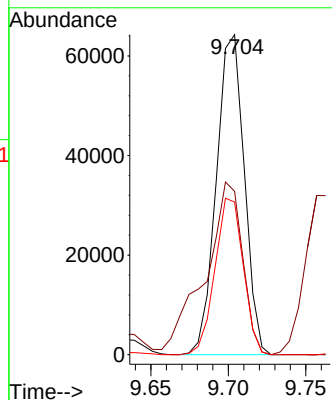
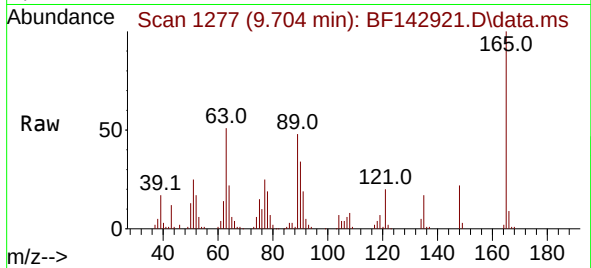




#51
2,6-Dinitrotoluene
Concen: 46.399 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

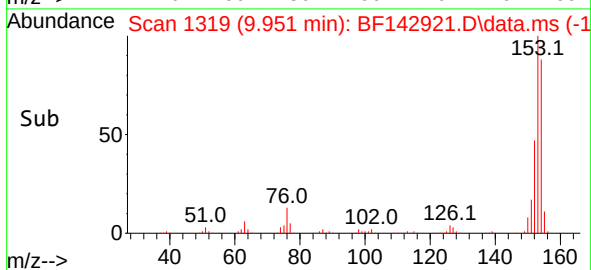
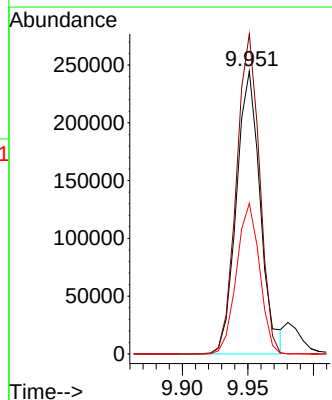
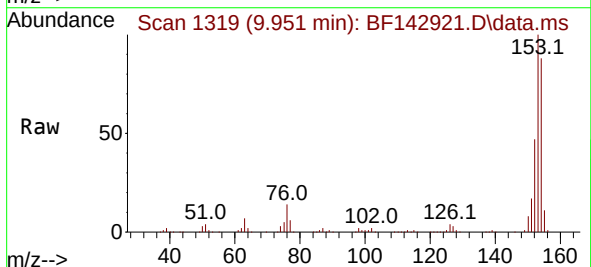
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

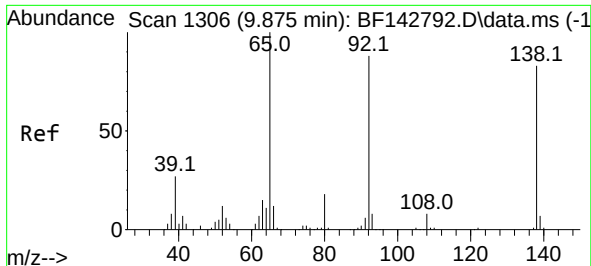
Tgt Ion:165 Resp: 80687
Ion Ratio Lower Upper
165 100
63 51.1 44.2 66.4
89 47.7 39.8 59.8



#52
Acenaphthene
Concen: 42.591 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:154 Resp: 310216
Ion Ratio Lower Upper
154 100
153 113.1 90.0 135.0
152 53.3 41.9 62.9

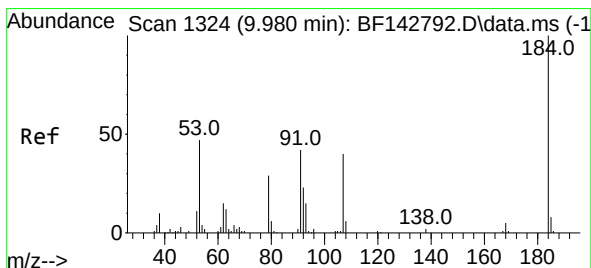
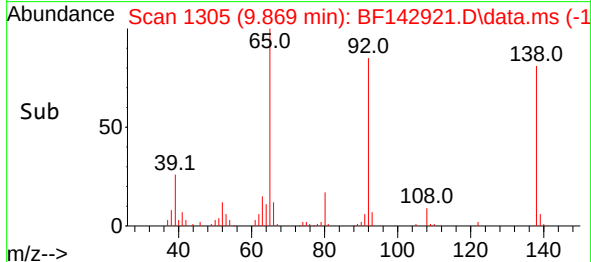
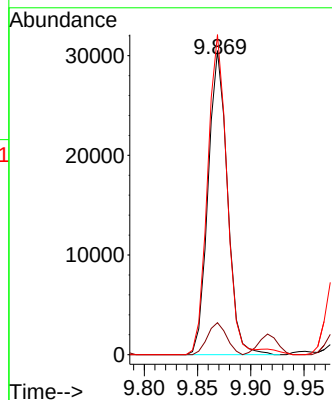
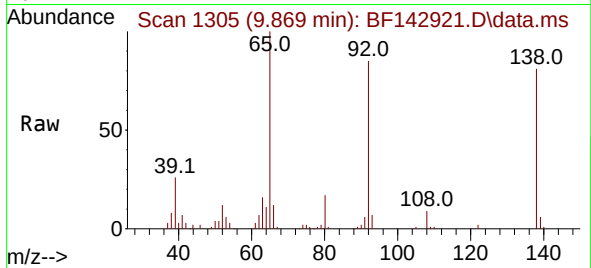




#53
3-Nitroaniline
Concen: 20.087 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

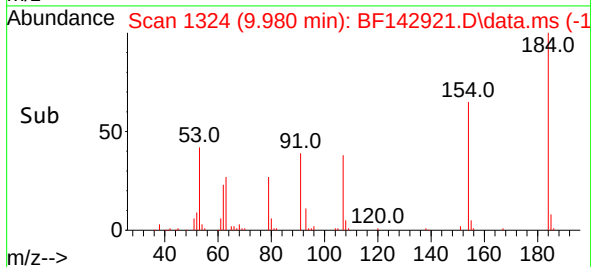
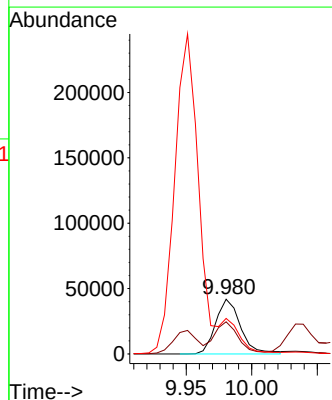
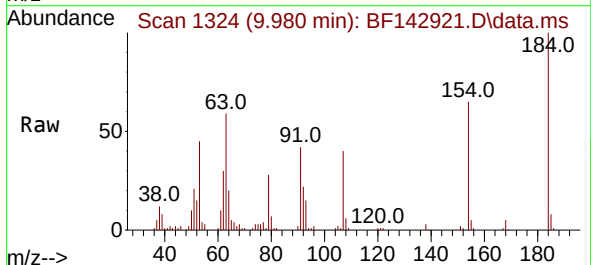
Instrument :
BNA_F
ClientSampleId :
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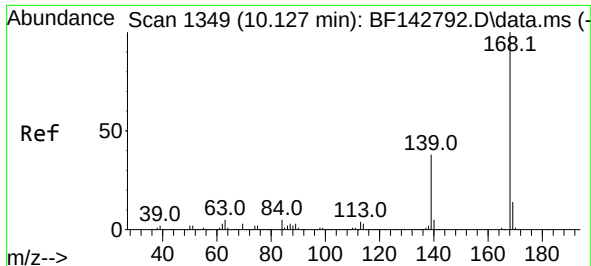
Tgt Ion:138 Resp: 38459
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 105.2 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 63.592 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:184 Resp: 55373
Ion Ratio Lower Upper
184 100
63 58.8 50.6 75.8
154 65.0 51.8 77.8

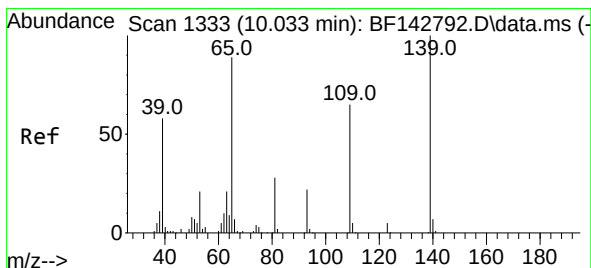
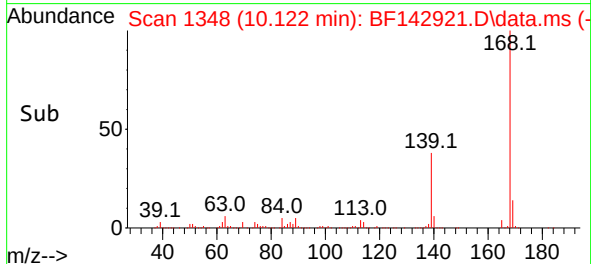
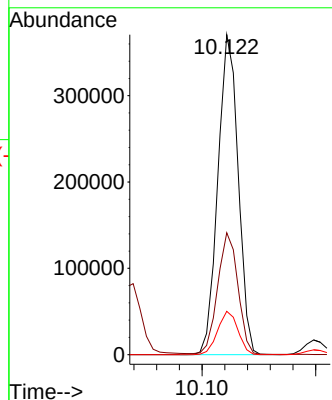
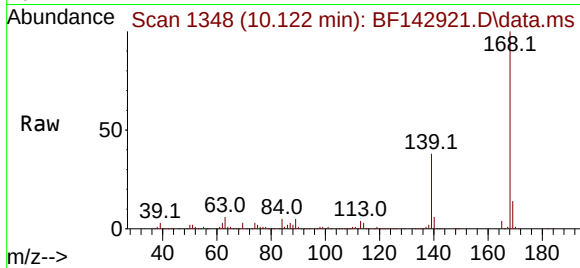




#55
Dibenzofuran
Concen: 44.128 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

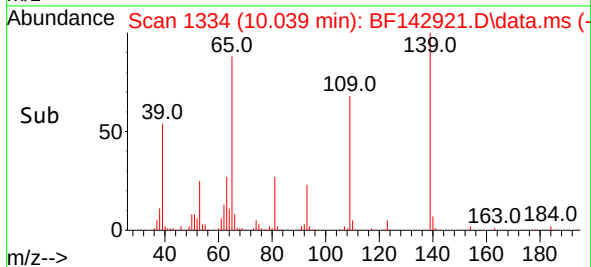
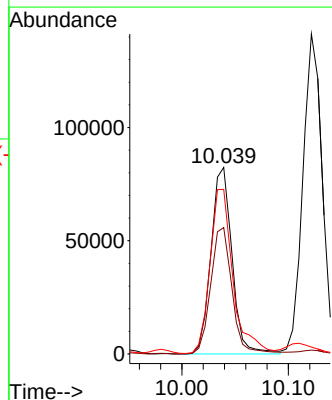
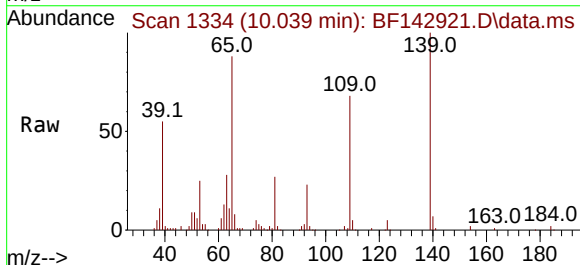
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

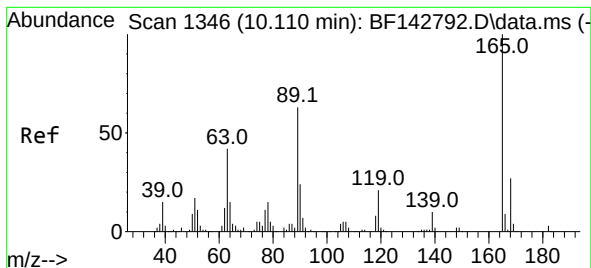
Tgt Ion:168 Resp: 460894
Ion Ratio Lower Upper
168 100
139 38.1 30.2 45.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 86.058 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:139 Resp: 112803
Ion Ratio Lower Upper
139 100
109 67.8 44.7 84.7
65 88.2 69.8 109.8

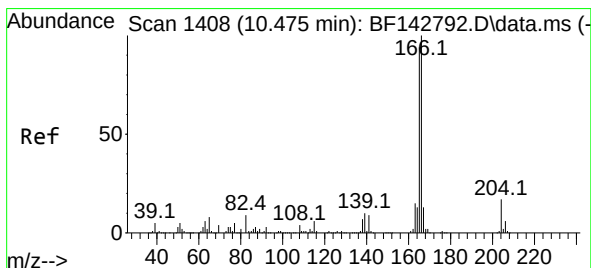
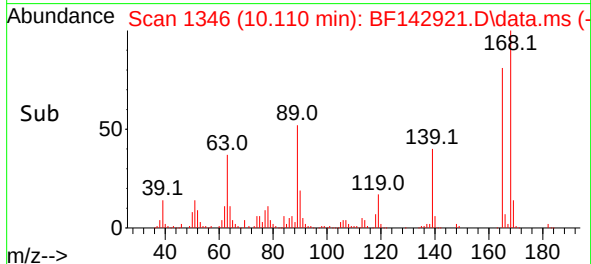
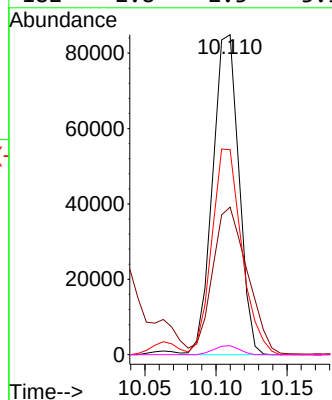
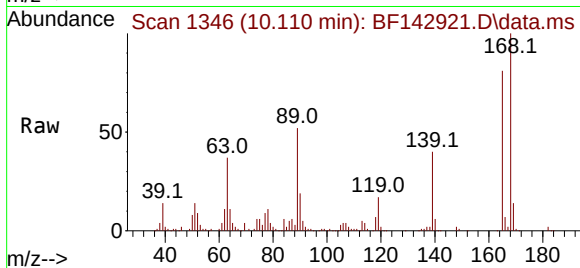




#57
2,4-Dinitrotoluene
Concen: 47.260 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

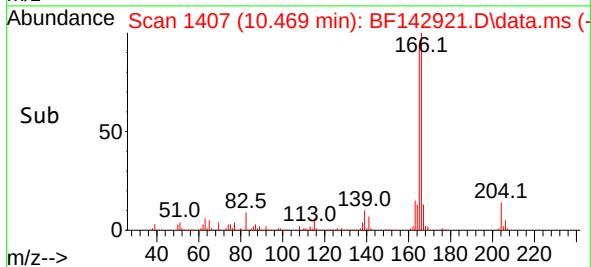
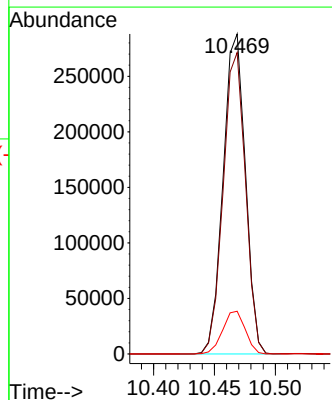
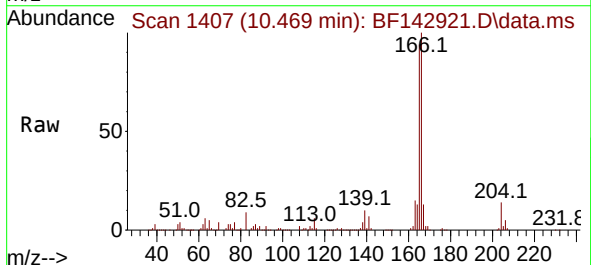
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

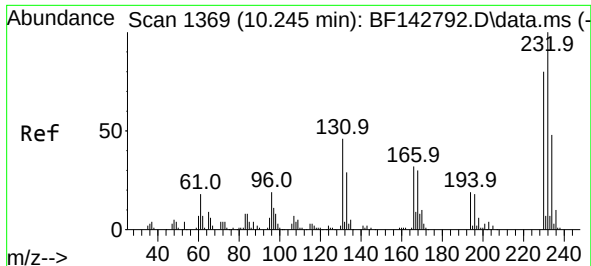
Tgt Ion:165 Resp: 109167
Ion Ratio Lower Upper
165 100
63 46.1 33.9 50.9
89 64.1 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 45.052 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:166 Resp: 367492
Ion Ratio Lower Upper
166 100
165 94.2 75.2 112.8
167 13.4 10.6 15.8

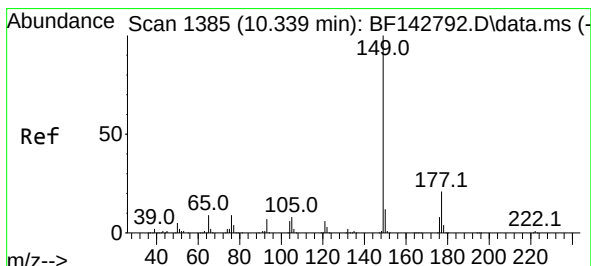
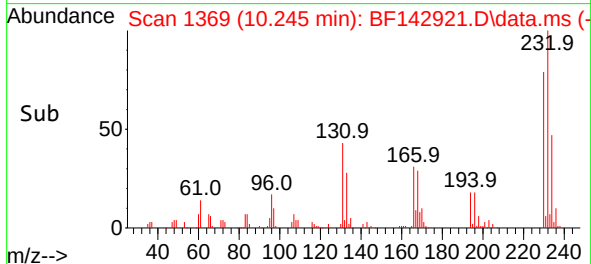
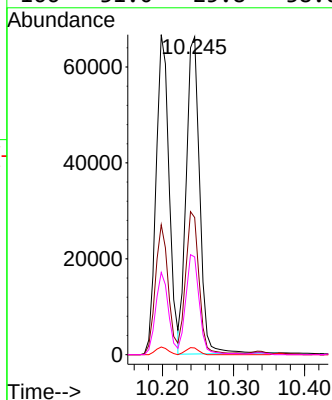
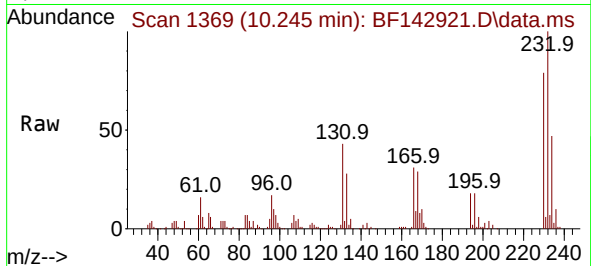




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.681 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

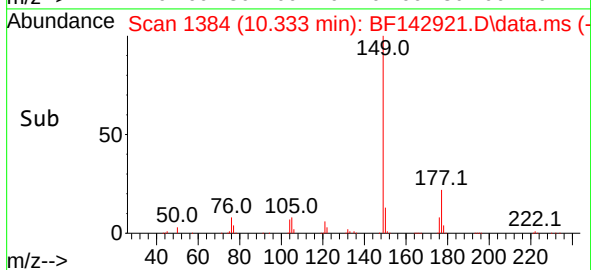
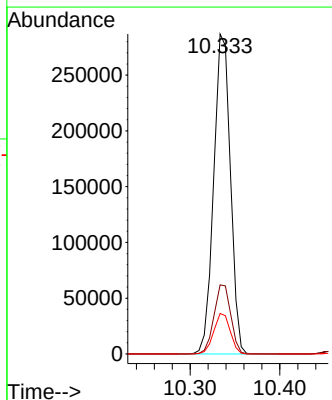
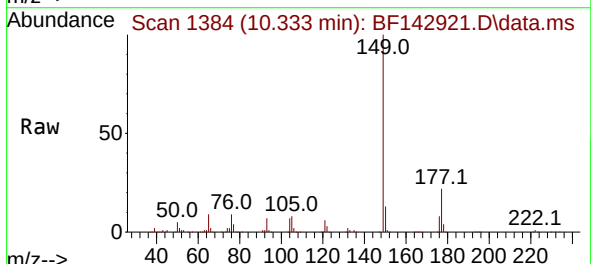
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

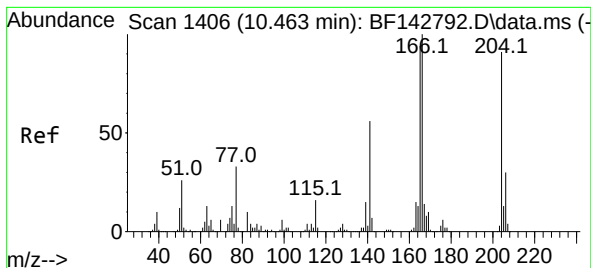
Tgt Ion:232 Resp: 87179
Ion Ratio Lower Upper
232 100
131 45.0 37.6 56.4
130 2.1 1.7 2.5
166 31.0 25.8 38.6



#60
Diethylphthalate
Concen: 47.761 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:149 Resp: 370817
Ion Ratio Lower Upper
149 100
177 21.6 17.0 25.6
150 12.6 9.8 14.6

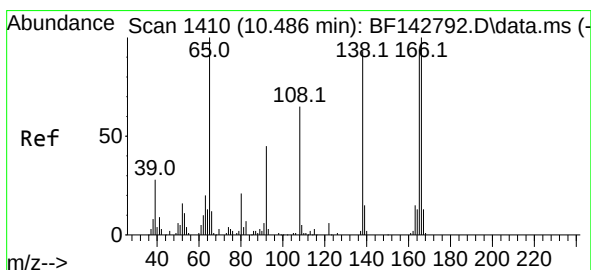
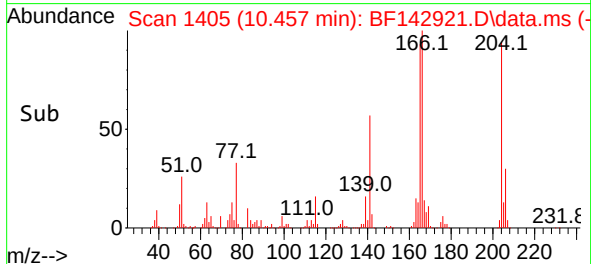
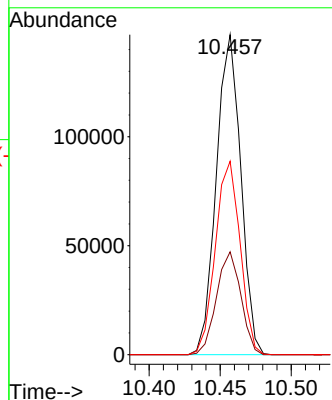
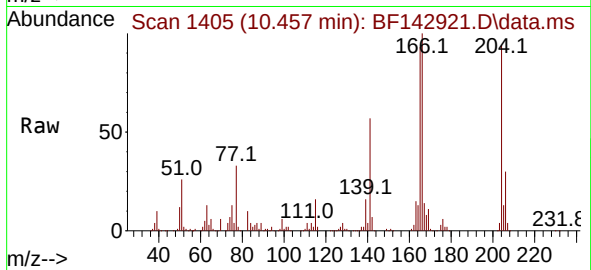




#61
4-Chlorophenyl-phenylether
Concen: 45.209 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

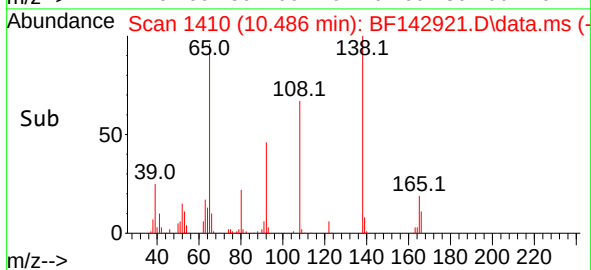
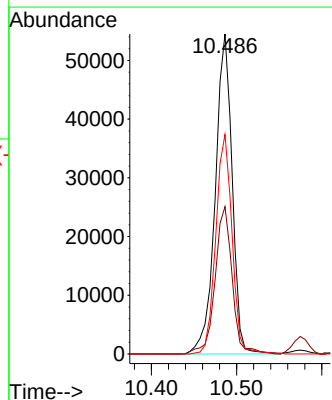
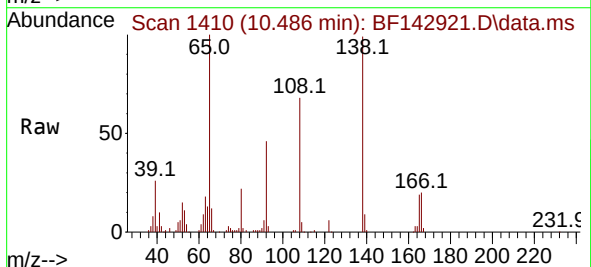
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

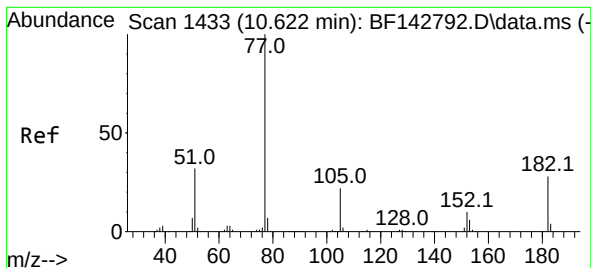
Tgt Ion:204 Resp: 175973
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 60.5 49.1 73.7



#62
4-Nitroaniline
Concen: 43.008 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:138 Resp: 75311
Ion Ratio Lower Upper
138 100
92 46.1 28.4 68.4
108 68.6 50.2 90.2





#63

Azobenzene

Concen: 47.123 ng

RT: 10.616 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

Tgt Ion: 77 Resp: 326996

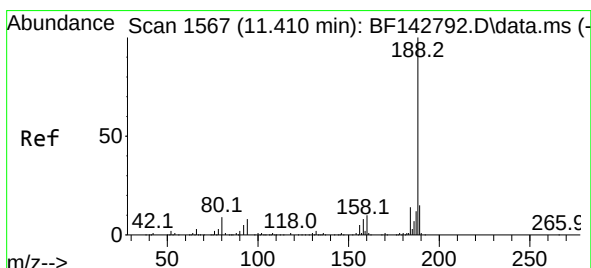
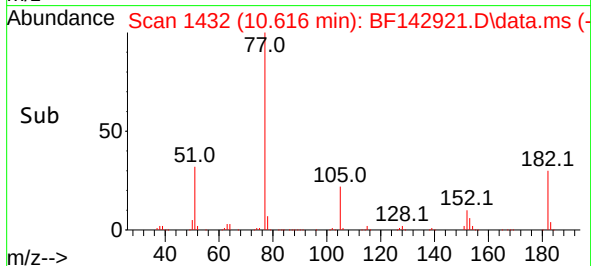
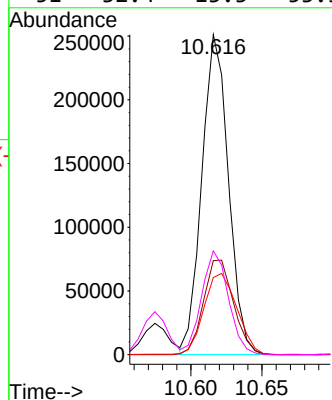
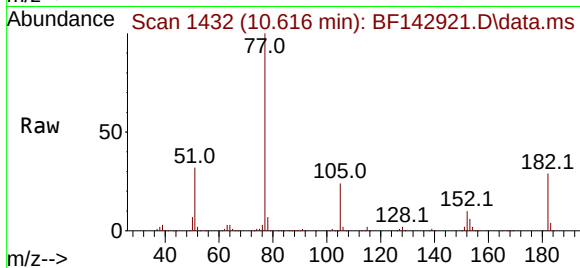
Ion Ratio Lower Upper

77 100

182 29.4 7.7 47.7

105 24.1 1.9 41.9

51 32.4 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: BF142921.D

Acq: 30 Jun 2025 18:13

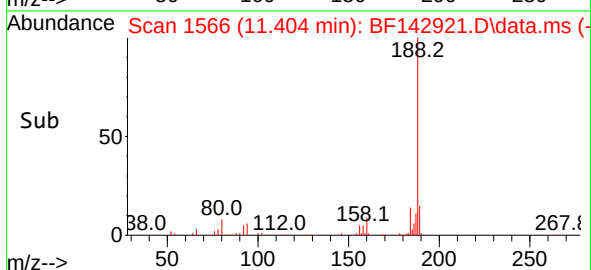
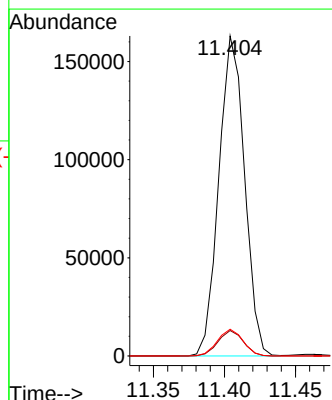
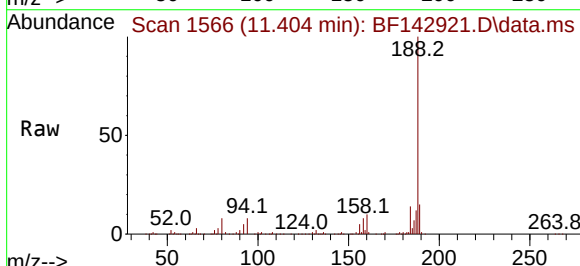
Tgt Ion: 188 Resp: 205148

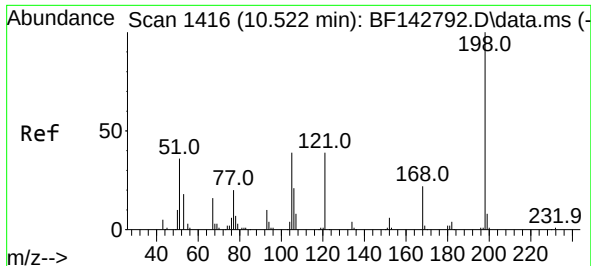
Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

80 8.4 6.9 10.3

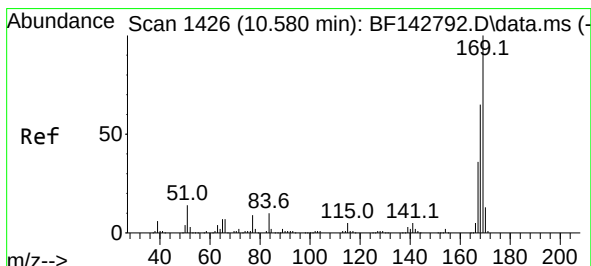
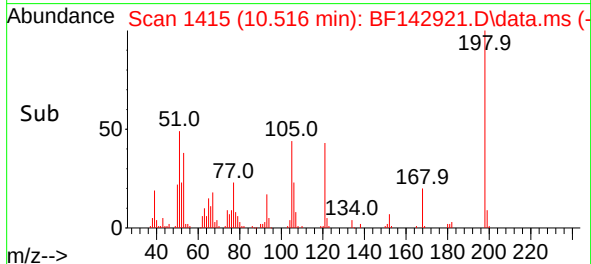
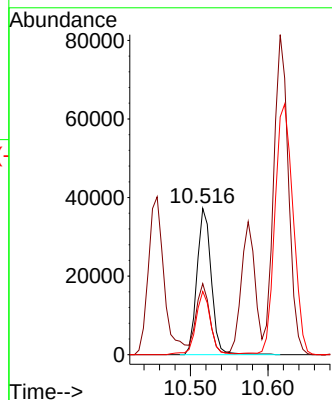
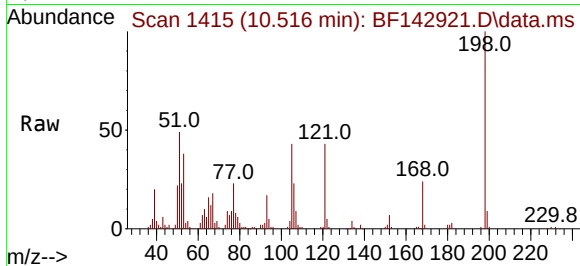




#65
4,6-Dinitro-2-methylphenol
Concen: 38.399 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

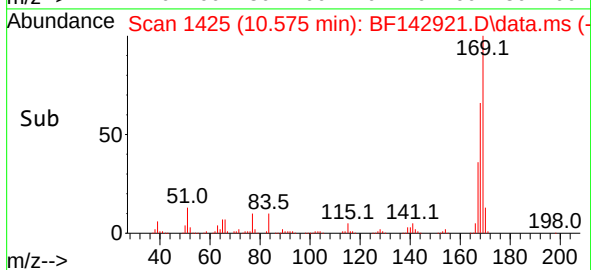
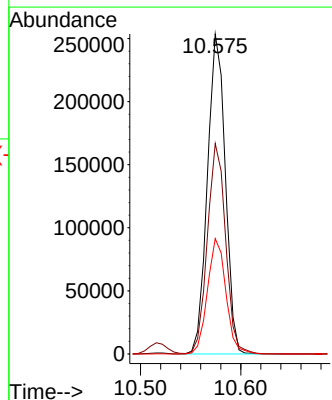
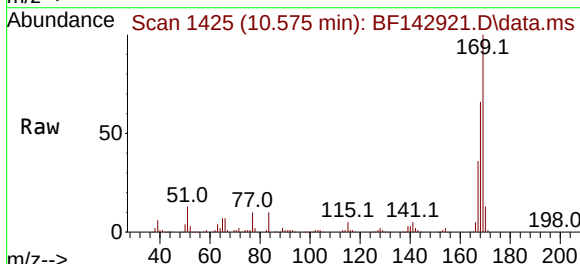
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

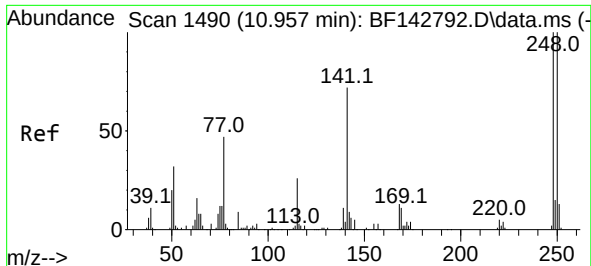
Tgt Ion:198 Resp: 47648
Ion Ratio Lower Upper
198 100
51 48.5 25.4 65.4
105 43.3 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 44.328 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:169 Resp: 315172
Ion Ratio Lower Upper
169 100
168 65.8 51.9 77.9
167 36.0 28.5 42.7

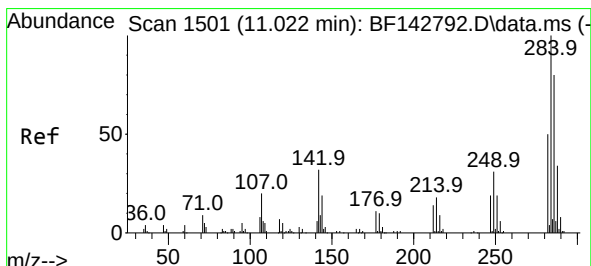
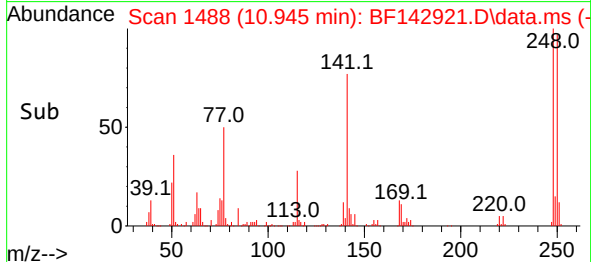
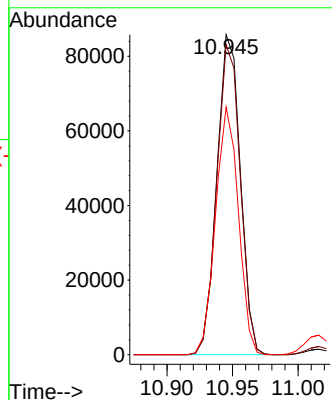
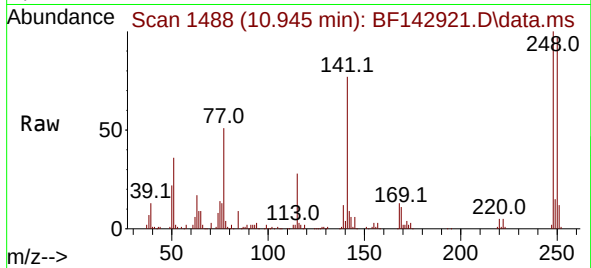




#67
4-Bromophenyl-phenylether
Concen: 45.753 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

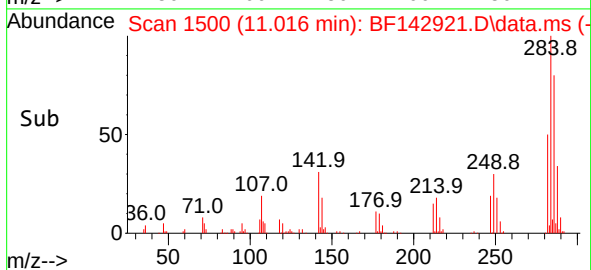
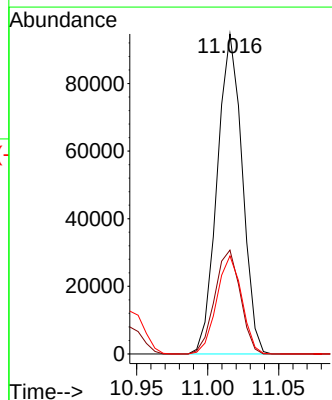
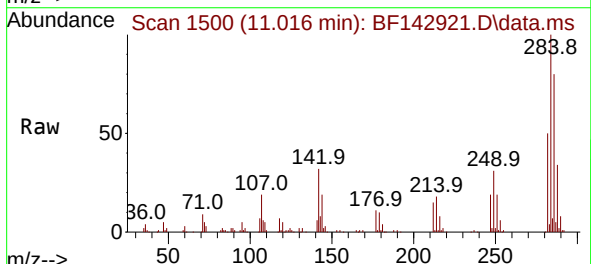
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

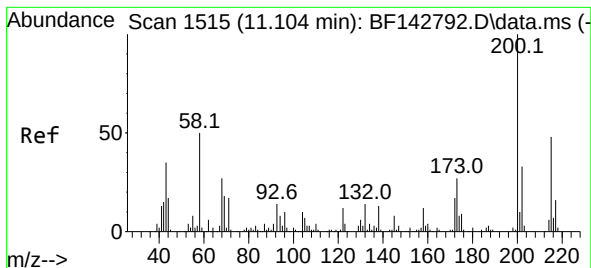
Tgt Ion:248 Resp: 106824
Ion Ratio Lower Upper
248 100
250 96.9 79.8 119.8
141 77.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 44.721 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:284 Resp: 116020
Ion Ratio Lower Upper
284 100
142 32.4 25.5 38.3
249 30.6 24.9 37.3





#69

Atrazine

Concen: 52.417 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

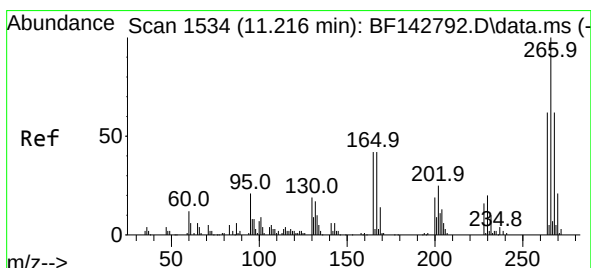
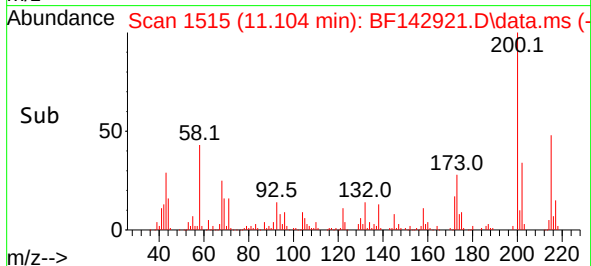
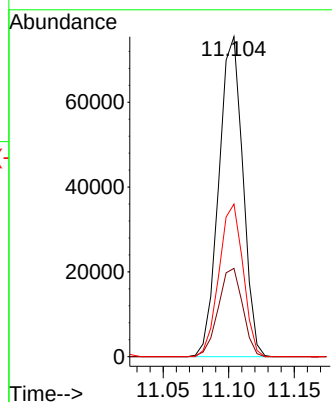
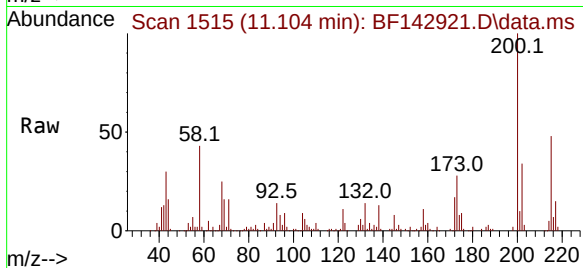
Tgt Ion:200 Resp: 96238

Ion Ratio Lower Upper

200 100

173 27.6 7.4 47.4

215 47.7 28.4 68.4



#70

Pentachlorophenol

Concen: 81.349 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

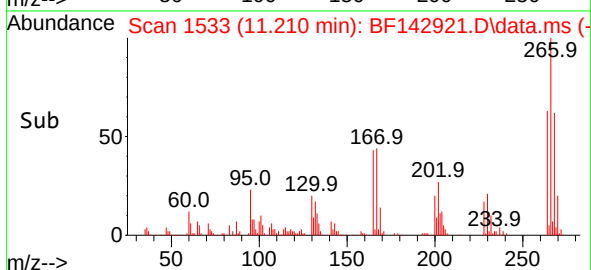
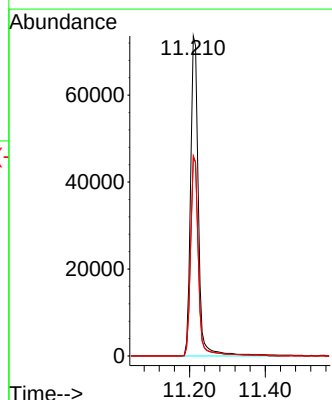
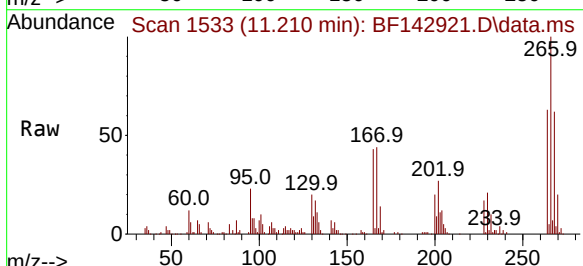
Tgt Ion:266 Resp: 105164

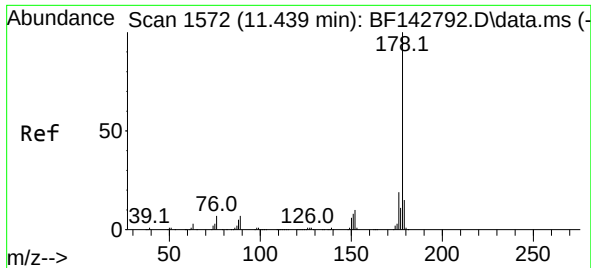
Ion Ratio Lower Upper

266 100

268 62.2 49.8 74.8

264 62.6 49.9 74.9

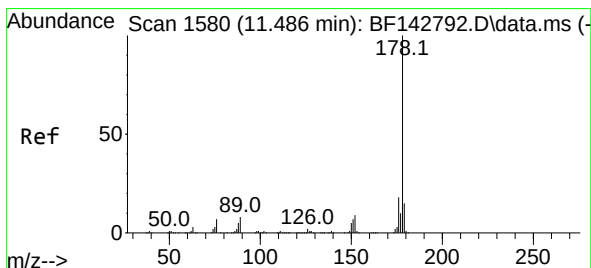
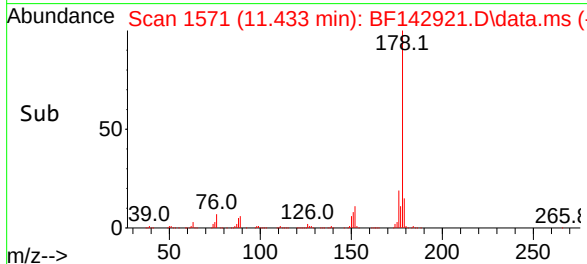
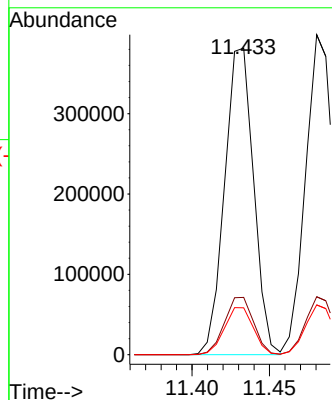
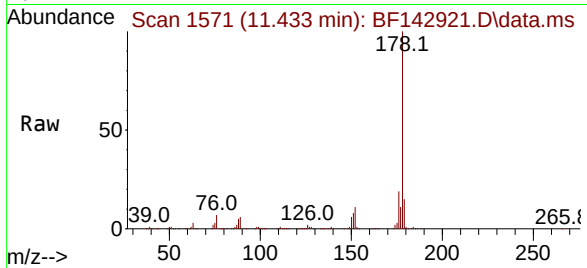




#71
Phenanthrene
Concen: 44.810 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

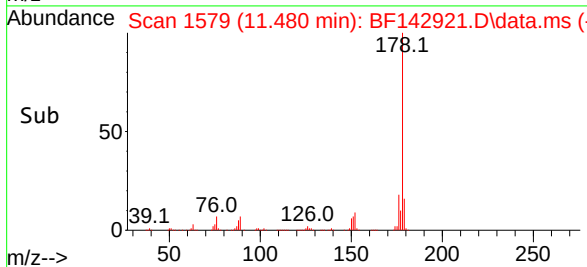
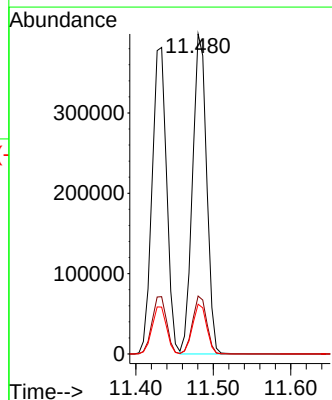
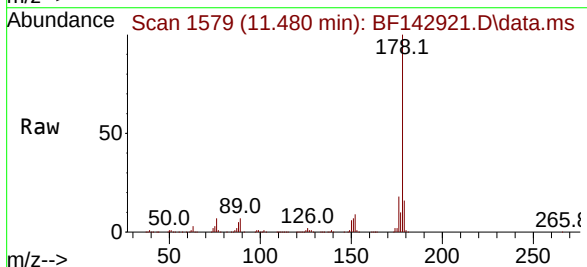
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

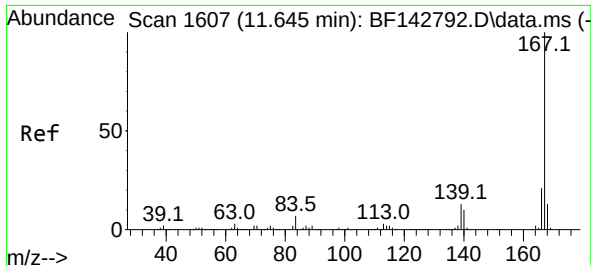
Tgt Ion:178 Resp: 497964
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 44.095 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

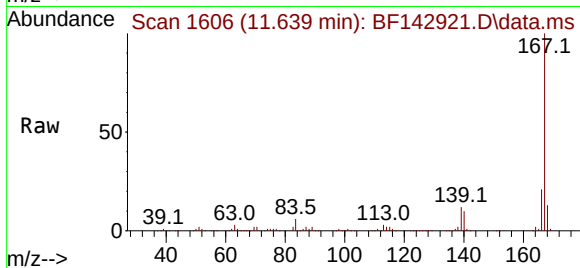
Tgt Ion:178 Resp: 502557
Ion Ratio Lower Upper
178 100
176 18.1 14.6 21.8
179 15.6 12.4 18.6



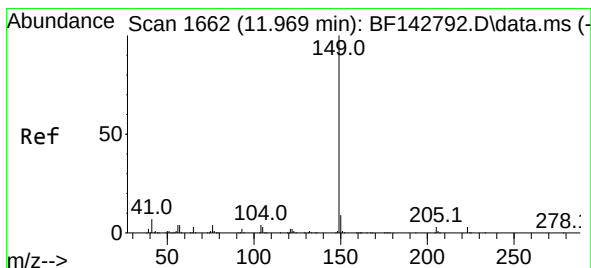
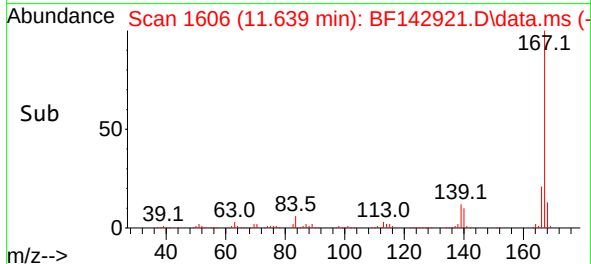
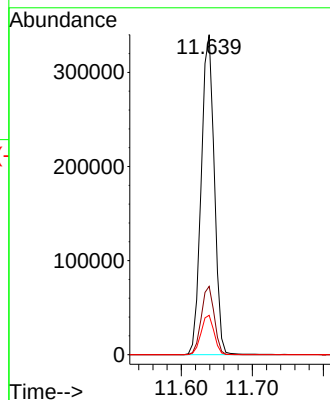


#73
Carbazole
Concen: 44.317 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

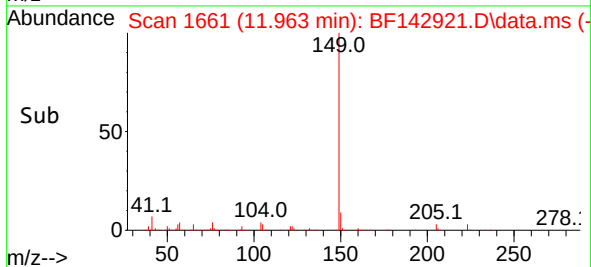
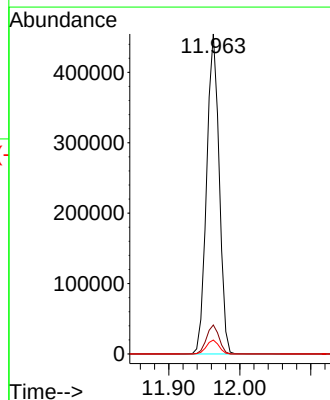
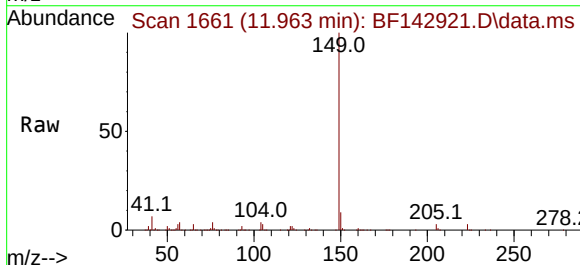


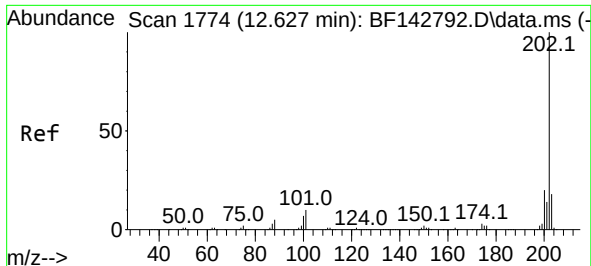
Tgt Ion:167 Resp: 435876
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 12.3 10.2 15.2



#74
Di-n-butylphthalate
Concen: 54.418 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:149 Resp: 557570
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.4 3.5 5.3

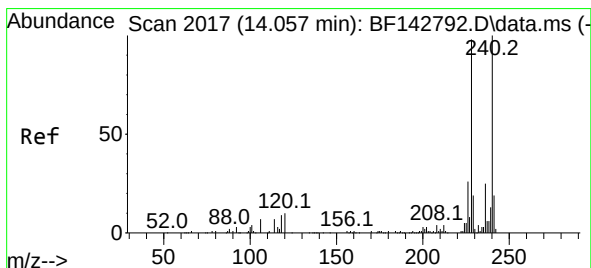
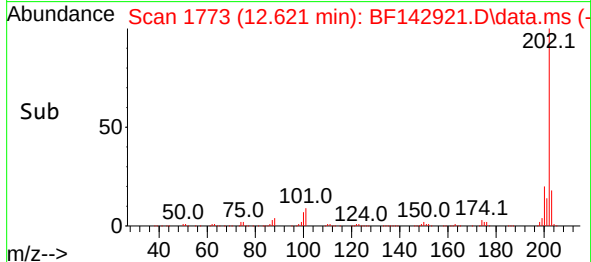
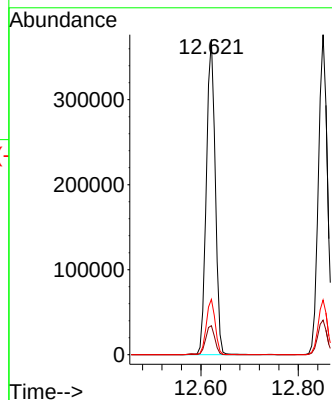
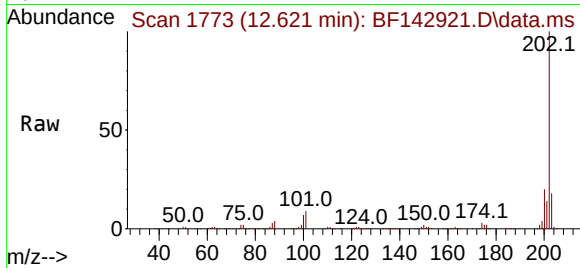




#75
Fluoranthene
Concen: 44.387 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

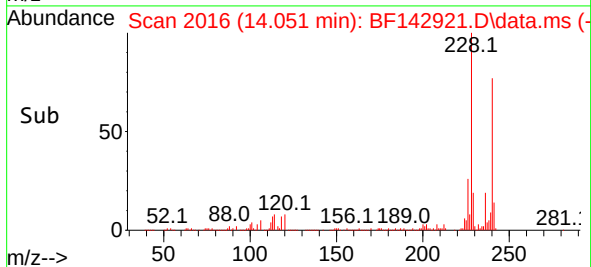
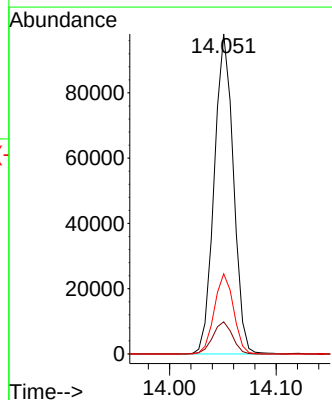
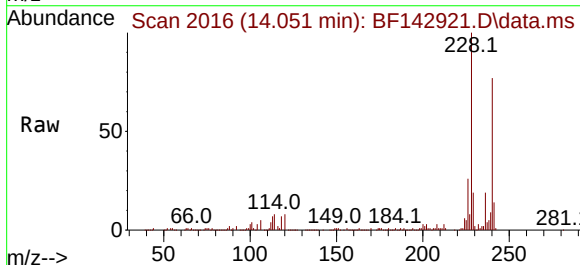
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

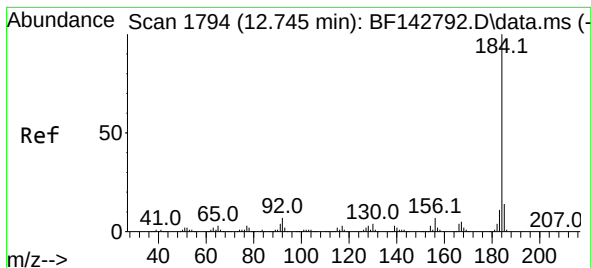
Tgt Ion:202 Resp: 468138
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:240 Resp: 122398
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.1 19.8 29.8





#77

Benzidine

Concen: 15.999 ng

RT: 12.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

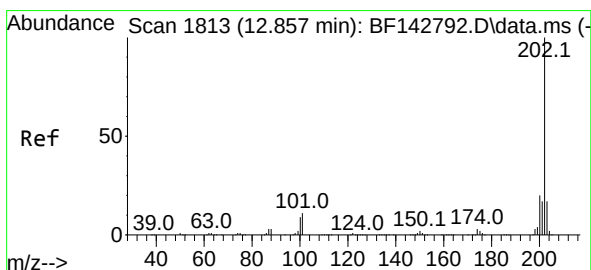
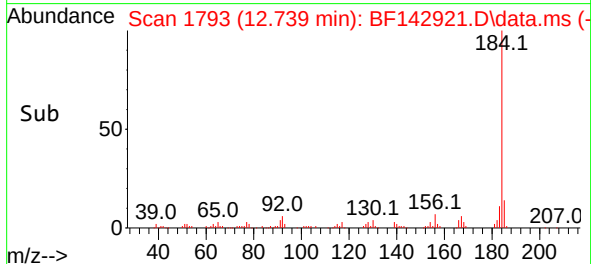
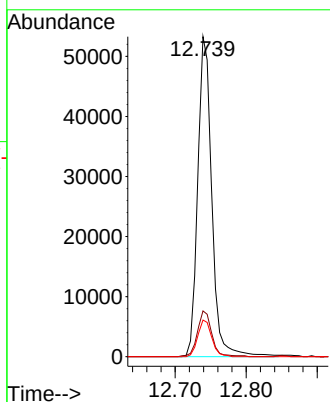
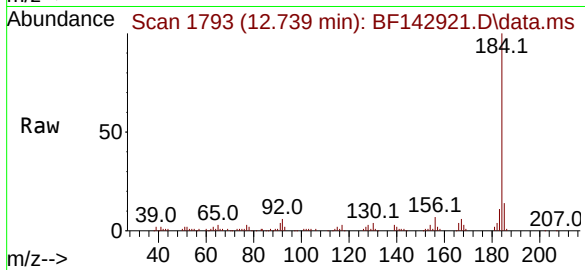
Tgt Ion:184 Resp: 73574

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.4 9.0 13.4



#78

Pyrene

Concen: 42.111 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

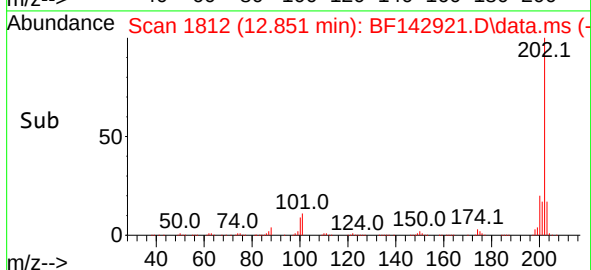
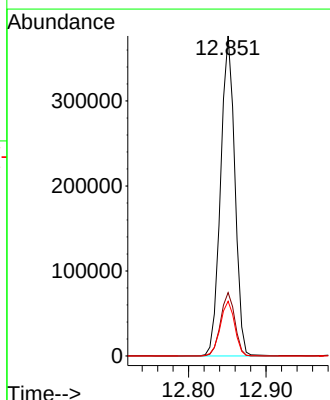
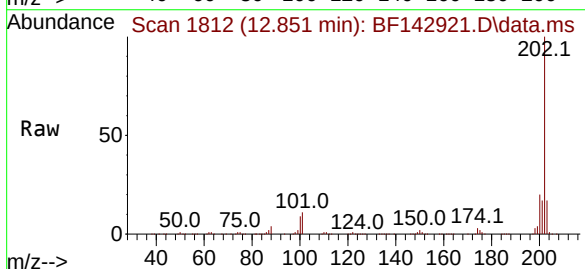
Tgt Ion:202 Resp: 483138

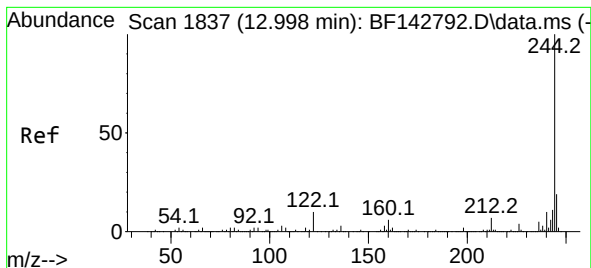
Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 53.923 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

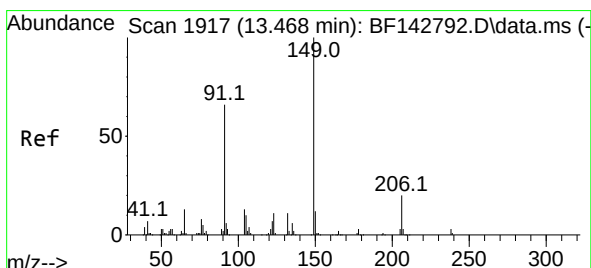
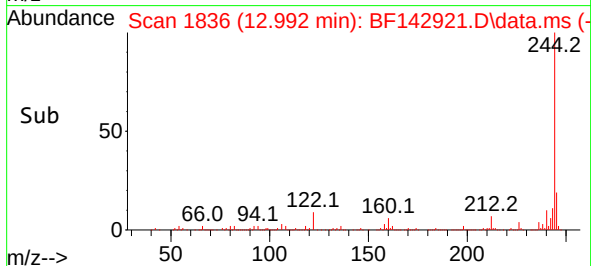
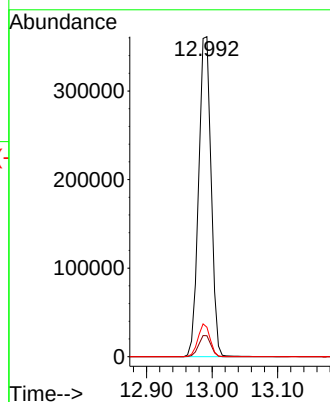
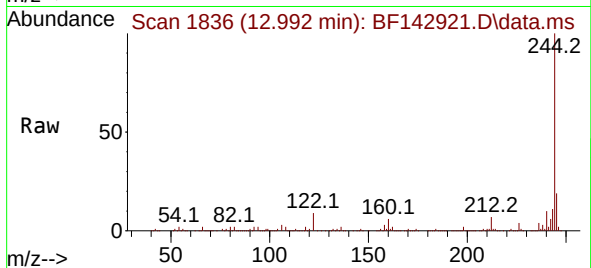
Tgt Ion:244 Resp: 477679

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 54.658 ng

RT: 13.463 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

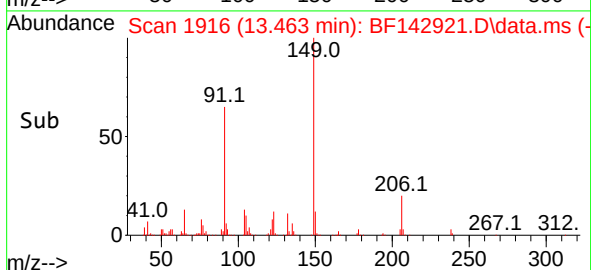
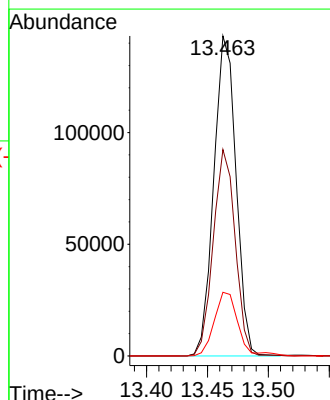
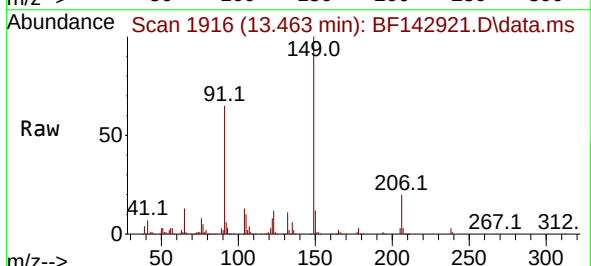
Tgt Ion:149 Resp: 181899

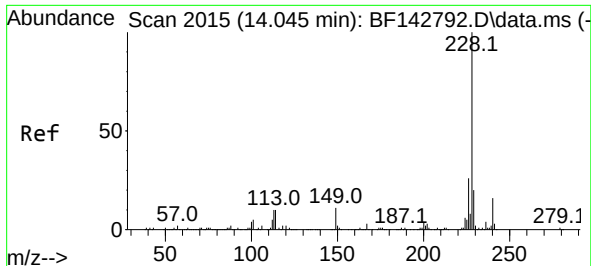
Ion Ratio Lower Upper

149 100

91 64.5 52.9 79.3

206 19.9 16.3 24.5

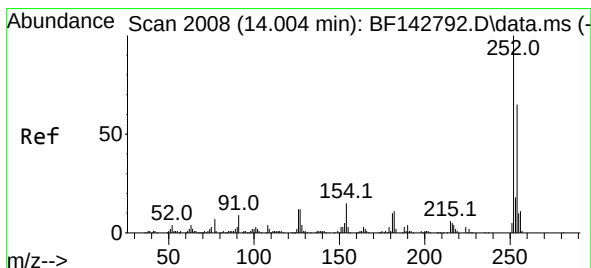
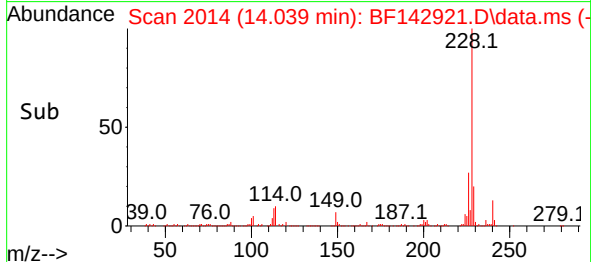
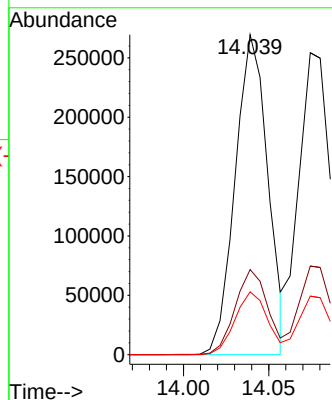
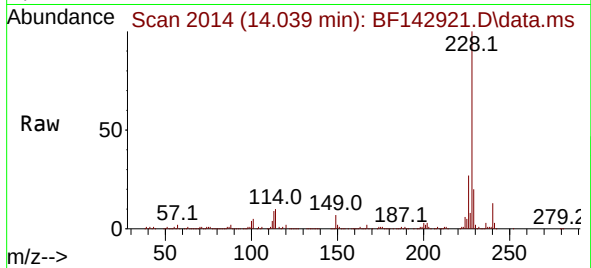




#81
Benzo(a)anthracene
Concen: 43.380 ng
RT: 14.039 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

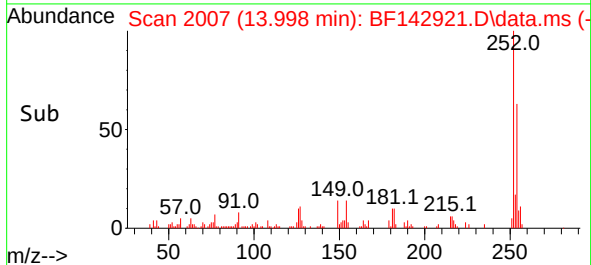
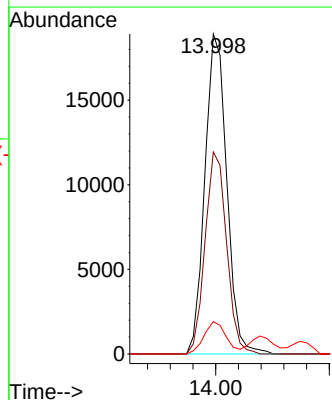
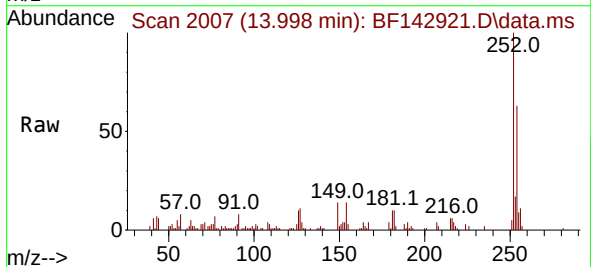
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

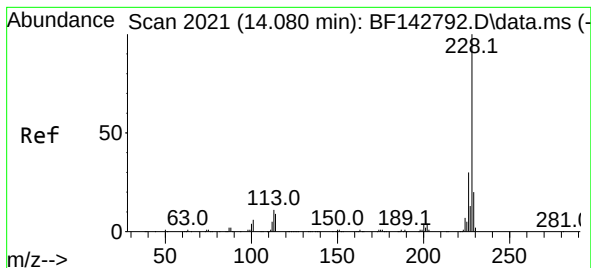
Tgt Ion:228 Resp: 358192
Ion Ratio Lower Upper
228 100
226 26.6 21.2 31.8
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 9.441 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:252 Resp: 25286
Ion Ratio Lower Upper
252 100
254 63.2 51.7 77.5
126 10.1 9.4 14.2





#83

Chrysene

Concen: 45.198 ng

RT: 14.074 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

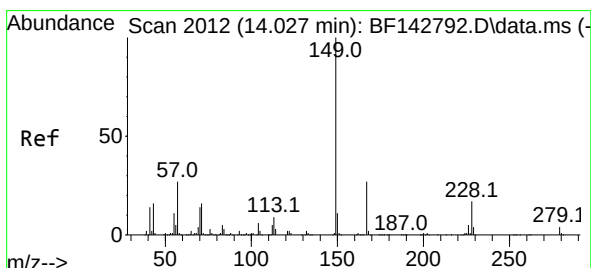
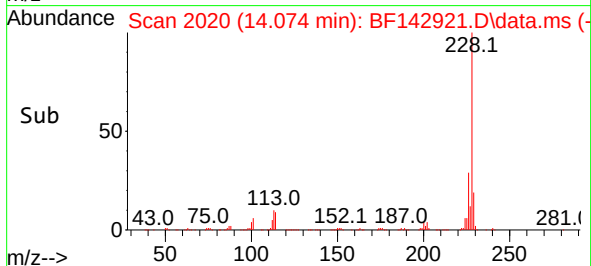
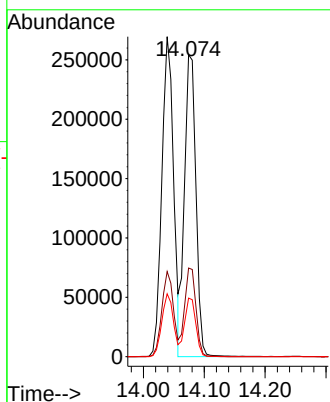
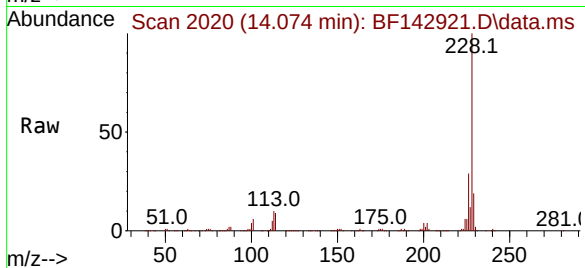
Tgt Ion:228 Resp: 333013

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.203 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

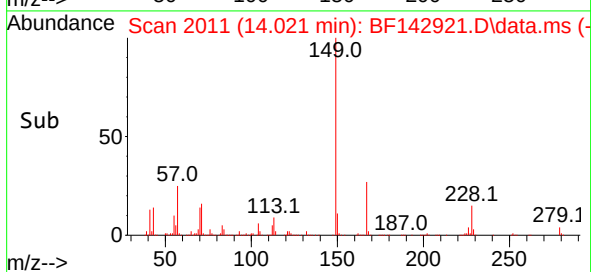
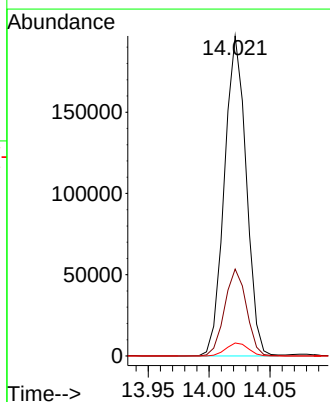
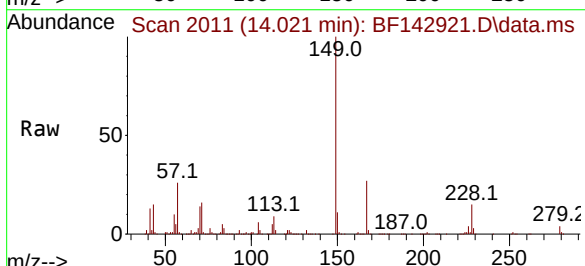
Tgt Ion:149 Resp: 245172

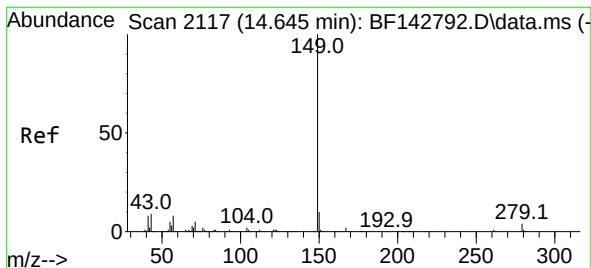
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 43.648 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

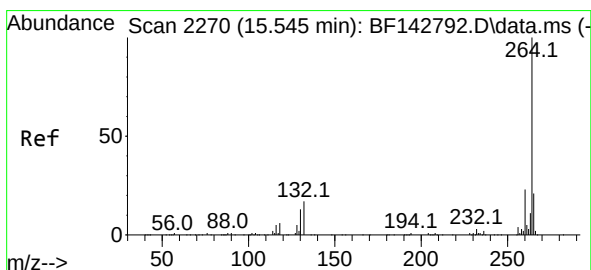
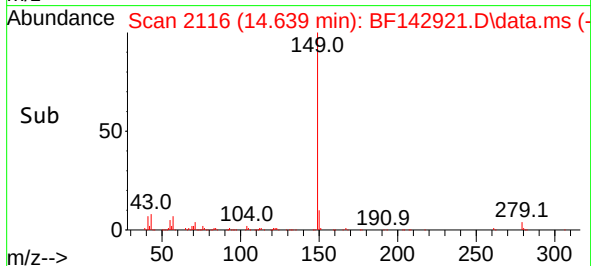
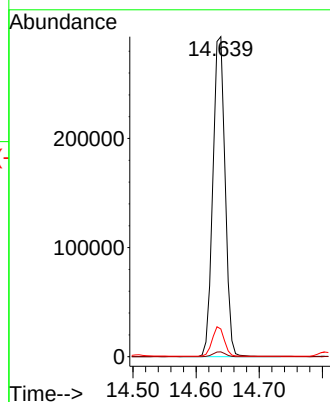
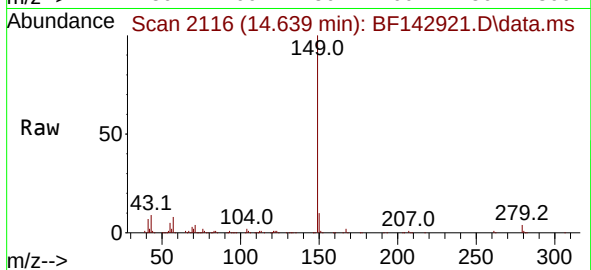
Tgt Ion:149 Resp: 394089

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.0 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: BF142921.D

Acq: 30 Jun 2025 18:13

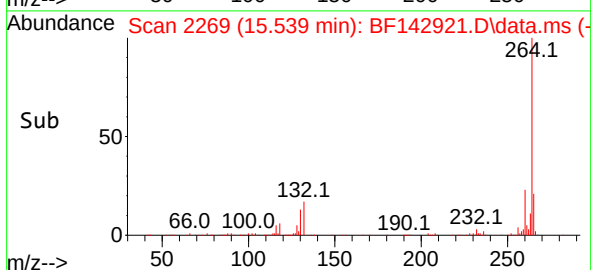
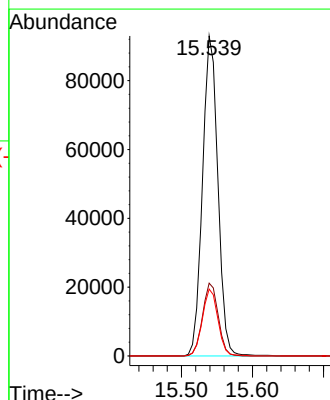
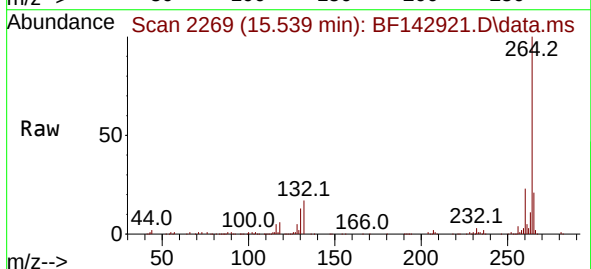
Tgt Ion:264 Resp: 140375

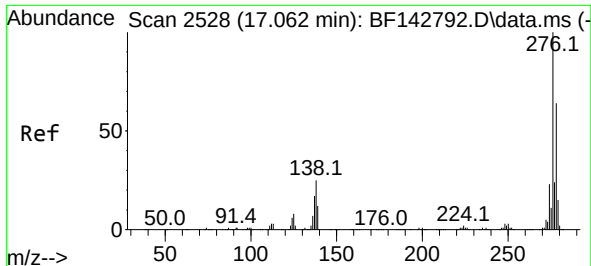
Ion Ratio Lower Upper

264 100

260 22.7 18.1 27.1

265 20.9 16.6 25.0

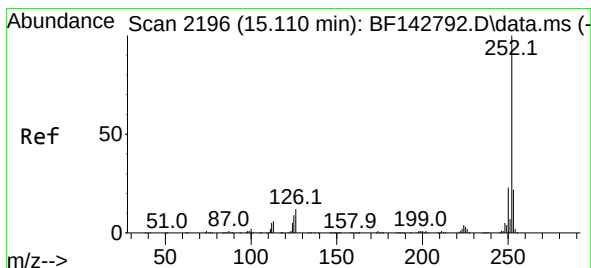
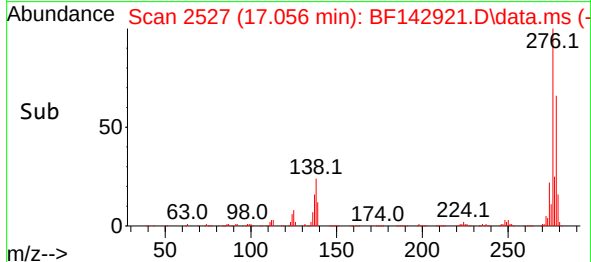
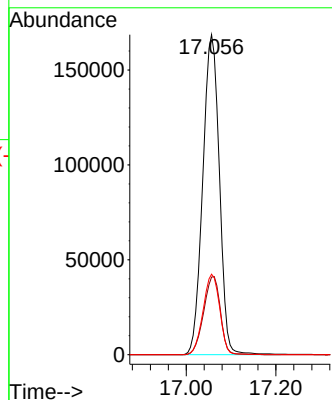
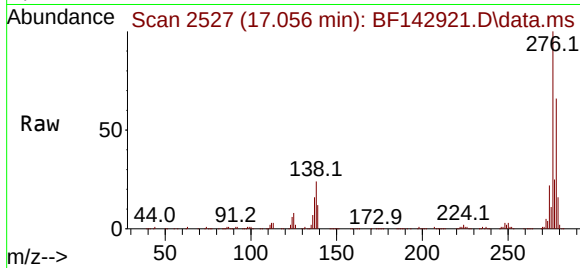




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.488 ng
 RT: 17.056 min Scan# 2195
 Delta R.T. -0.006 min
 Lab File: BF142921.D
 Acq: 30 Jun 2025 18:13

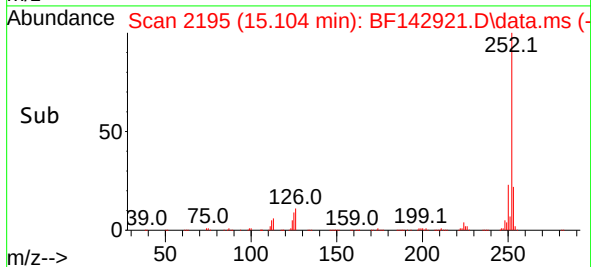
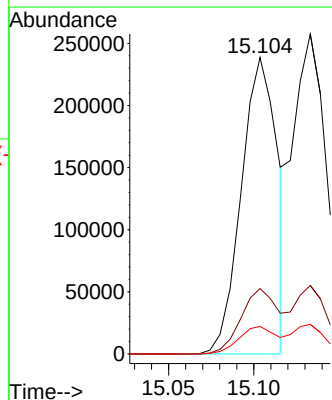
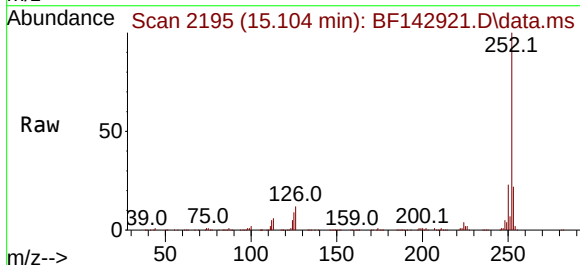
Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMS

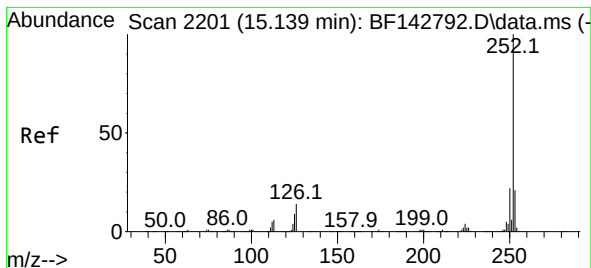
Tgt Ion:276 Resp: 432908
 Ion Ratio Lower Upper
 276 100
 138 24.6 20.2 30.4
 277 25.2 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 43.019 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. -0.006 min
 Lab File: BF142921.D
 Acq: 30 Jun 2025 18:13

Tgt Ion:252 Resp: 349430
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.212 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

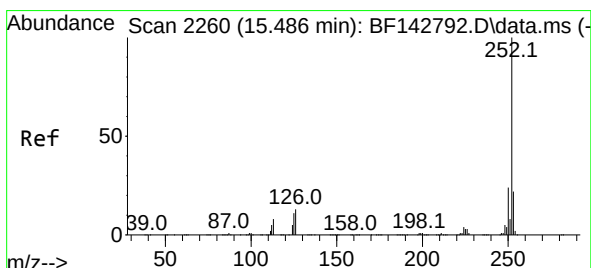
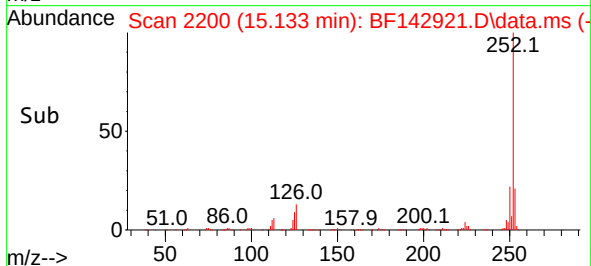
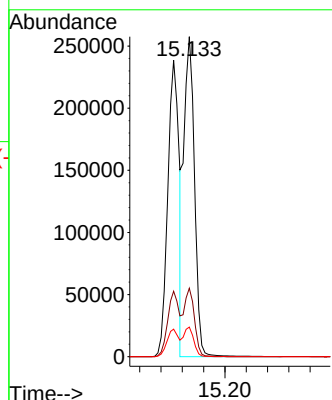
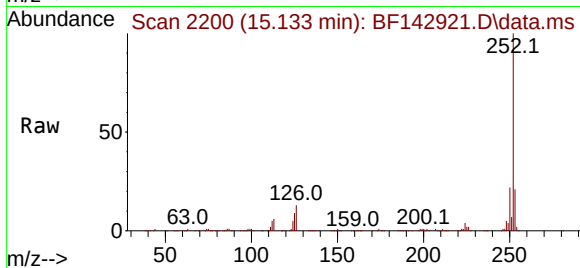
Tgt Ion:252 Resp: 358787

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 45.093 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142921.D

Acq: 30 Jun 2025 18:13

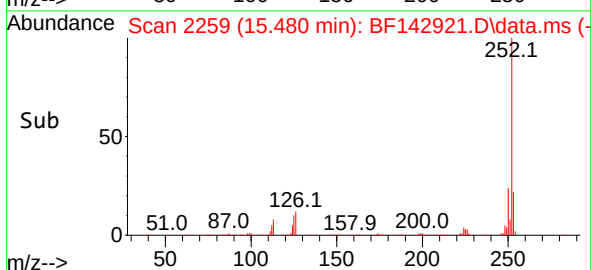
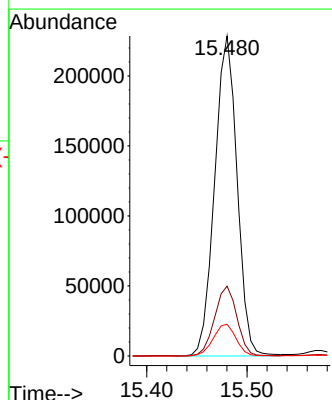
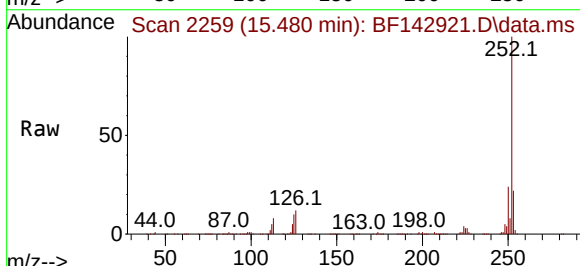
Tgt Ion:252 Resp: 353848

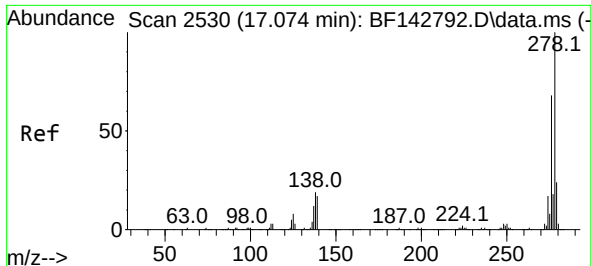
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.9 8.6 12.8

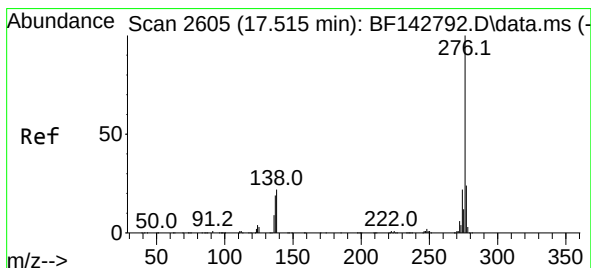
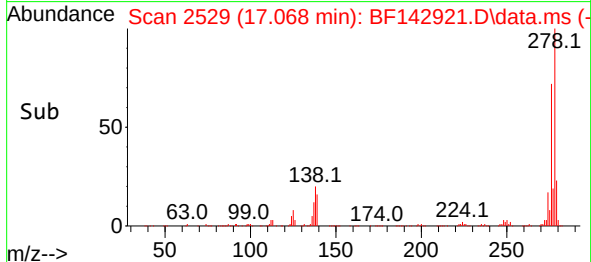
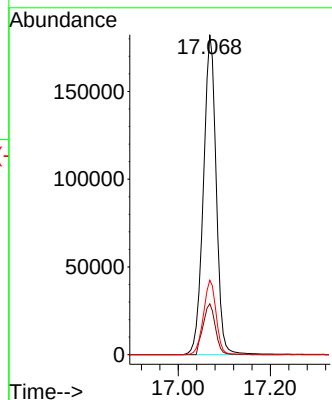
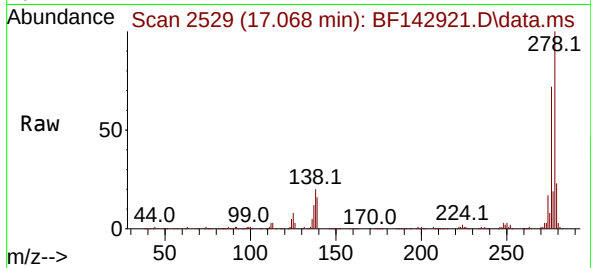




#91
Dibenzo(a,h)anthracene
Concen: 40.733 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

Tgt Ion:278 Resp: 353869
Ion Ratio Lower Upper
278 100
139 15.9 13.5 20.3
279 23.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 39.824 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142921.D
Acq: 30 Jun 2025 18:13

Tgt Ion:276 Resp: 344992
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.2 17.6 26.4

