

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142948.D
 Acq On : 01 Jul 2025 14:20
 Operator : RC/JU
 Sample : PB168649BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168649BS

Quant Time: Jul 01 14:40:02 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	61044	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	231195	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	114663	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	176464	20.000	ng	0.00
76) Chrysene-d12	14.051	240	114544	20.000	ng	0.00
86) Perylene-d12	15.539	264	137043	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	470424	128.304	ng	0.01
7) Phenol-d6	6.510	99	546182	126.264	ng	0.00
23) Nitrobenzene-d5	7.439	82	336872	79.923	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	148938	126.223	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	733536	84.040	ng	-0.01
79) Terphenyl-d14	12.986	244	595119	71.787	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.704	88	53482	36.469	ng	99
3) Pyridine	3.469	79	148477	40.386	ng	97
4) n-Nitrosodimethylamine	3.422	42	81640	42.942	ng	99
6) Aniline	6.534	93	190024	33.015	ng	# 76
8) 2-Chlorophenol	6.657	128	176292	44.574	ng	98
9) Benzaldehyde	6.422	77	70542	27.487	ng	99
10) Phenol	6.522	94	202603	42.136	ng	91
11) bis(2-Chloroethyl)ether	6.610	93	151896	44.199	ng	96
12) 1,3-Dichlorobenzene	6.816	146	196071	44.327	ng	99
13) 1,4-Dichlorobenzene	6.892	146	196990	44.141	ng	99
14) 1,2-Dichlorobenzene	7.045	146	188539	44.542	ng	98
15) Benzyl Alcohol	7.016	79	138733	44.363	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	227639	41.229	ng	89
17) 2-Methylphenol	7.128	107	129609	43.243	ng	99
18) Hexachloroethane	7.387	117	69551	44.557	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	110795	44.039	ng	98
20) 3+4-Methylphenols	7.281	107	163177	43.665	ng	93
22) Acetophenone	7.281	105	231867	45.480	ng	99
24) Nitrobenzene	7.457	77	168026	44.044	ng	98
25) Isophorone	7.698	82	295732	43.738	ng	99
26) 2-Nitrophenol	7.775	139	95573	45.989	ng	99
27) 2,4-Dimethylphenol	7.810	122	154669	42.967	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	186525	43.392	ng	100
29) 2,4-Dichlorophenol	8.016	162	144079	44.142	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	160502	44.719	ng	100
31) Naphthalene	8.181	128	498301	44.033	ng	100
32) Benzoic acid	7.928	122	77344	42.155	ng	96
33) 4-Chloroaniline	8.228	127	101198	21.992	ng	99
34) Hexachlorobutadiene	8.292	225	99990	45.546	ng	100
35) Caprolactam	8.598	113	38641	44.864	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	138409	42.668	ng	99
37) 2-Methylnaphthalene	8.869	142	309154	44.065	ng	99
38) 1-Methylnaphthalene	8.969	142	316459	43.573	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	158865	46.955	ng	98
41) Hexachlorocyclopentadiene	9.022	237	178478	92.959	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	97335	44.150	ng	99

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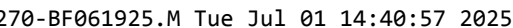
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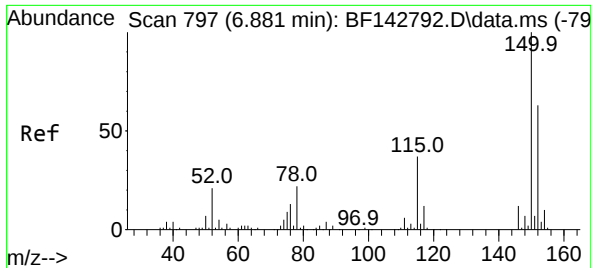
Quant Time: Jul 01 14:40:02 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	101994	43.948	ng	99
46) 1,1'-Biphenyl	9.339	154	416990	46.037	ng	99
47) 2-Chloronaphthalene	9.363	162	307505	45.240	ng	100
48) 2-Nitroaniline	9.457	65	83872	44.013	ng	97
49) Acenaphthylene	9.780	152	495998	44.327	ng	100
50) Dimethylphthalate	9.633	163	334622	45.084	ng	99
51) 2,6-Dinitrotoluene	9.698	165	73609	45.159	ng	100
52) Acenaphthene	9.951	154	296627	43.449	ng	100
53) 3-Nitroaniline	9.869	138	48995	27.301	ng	97
54) 2,4-Dinitrophenol	9.980	184	74241	90.963	ng	97
55) Dibenzofuran	10.122	168	438874	44.830	ng	99
56) 4-Nitrophenol	10.039	139	101548	82.653	ng	99
57) 2,4-Dinitrotoluene	10.104	165	98510	45.499	ng	98
58) Fluorene	10.469	166	335922	43.936	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	81701	43.674	ng	95
60) Diethylphthalate	10.333	149	328095	45.085	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	163942	44.935	ng	99
62) 4-Nitroaniline	10.486	138	69318	42.233	ng	98
63) Azobenzene	10.616	77	279159	42.920	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	49173	46.069	ng	96
66) n-Nitrosodiphenylamine	10.575	169	288291	47.139	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	95437	47.521	ng	96
68) Hexachlorobenzene	11.016	284	105884	47.448	ng	99
69) Atrazine	11.098	200	80518	50.983	ng	99
70) Pentachlorophenol	11.210	266	97610	87.779	ng	100
71) Phenanthrene	11.427	178	440329	46.064	ng	100
72) Anthracene	11.480	178	452166	46.122	ng	100
73) Carbazole	11.639	167	384308	45.425	ng	100
74) Di-n-butylphthalate	11.963	149	442675	50.228	ng	99
75) Fluoranthene	12.621	202	412056	45.421	ng	99
77) Benzidine	12.739	184	163833	38.069	ng	99
78) Pyrene	12.851	202	413028	38.469	ng	100
80) Butylbenzylphthalate	13.463	149	159245	51.132	ng	97
81) Benzo(a)anthracene	14.039	228	346937	44.898	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	64718	25.821	ng	100
83) Chrysene	14.074	228	324437	47.053	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	241584	53.913	ng	100
85) Di-n-octyl phthalate	14.633	149	444091	52.559	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	458083	43.884	ng	98
88) Benzo(b)fluoranthene	15.104	252	360985	45.522	ng	99
89) Benzo(k)fluoranthene	15.133	252	372857	50.257	ng	99
90) Benzo(a)pyrene	15.480	252	363172	47.406	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	373393	44.025	ng	99
92) Benzo(g,h,i)perylene	17.515	276	368794	43.606	ng	98

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

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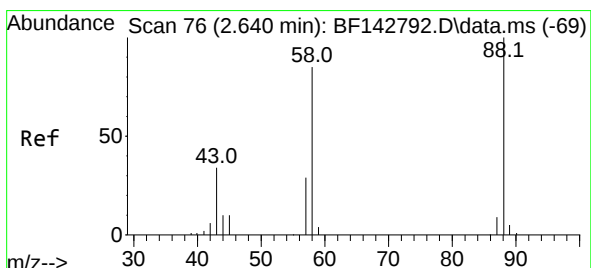
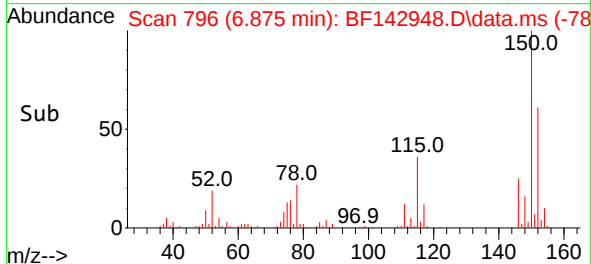
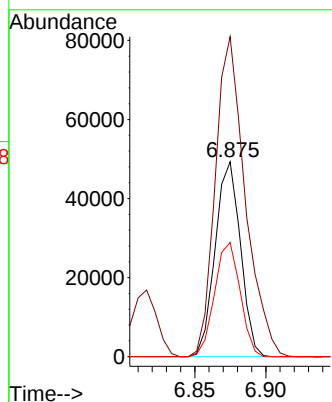
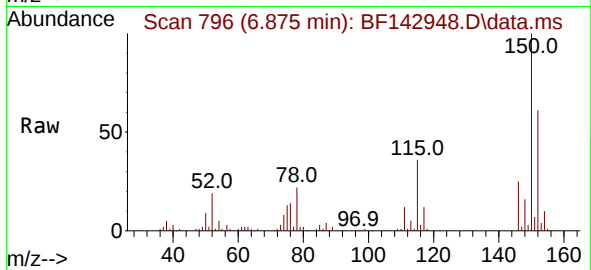




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142948.D
 Acq: 01 Jul 2025 14:20

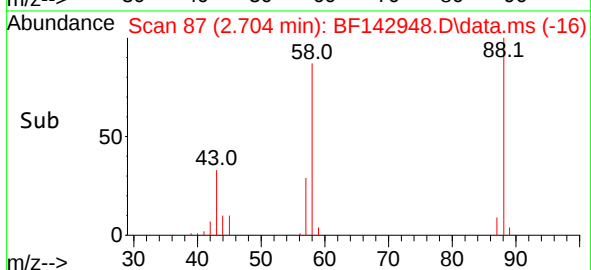
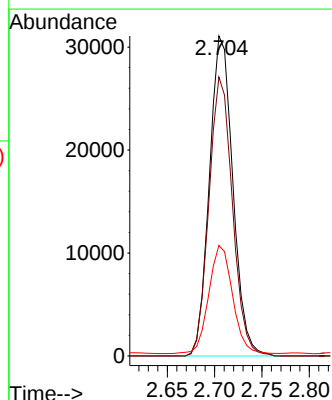
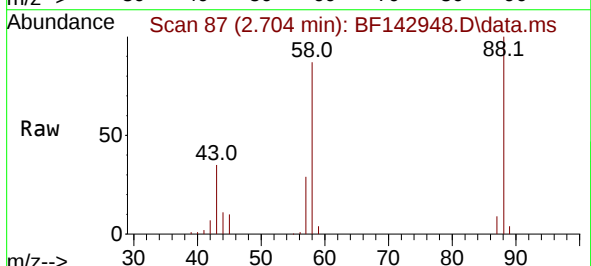
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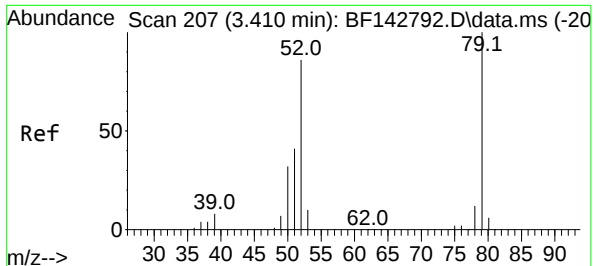
Tgt Ion:152 Resp: 61044
 Ion Ratio Lower Upper
 152 100
 150 164.2 127.2 190.8
 115 58.7 46.6 69.8



#2
 1,4-Dioxane
 Concen: 36.469 ng
 RT: 2.704 min Scan# 87
 Delta R.T. 0.065 min
 Lab File: BF142948.D
 Acq: 01 Jul 2025 14:20

Tgt Ion: 88 Resp: 53482
 Ion Ratio Lower Upper
 88 100
 58 87.3 69.1 103.7
 43 34.2 27.4 41.2

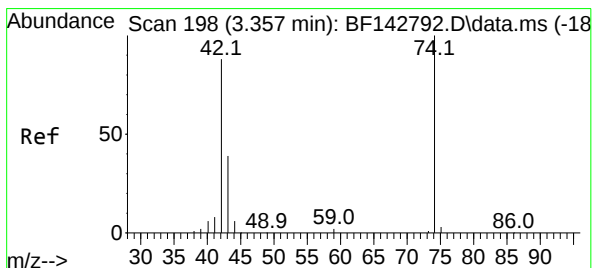
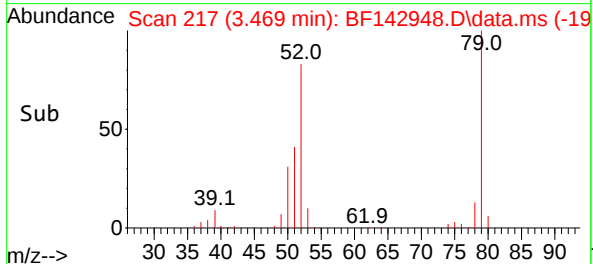
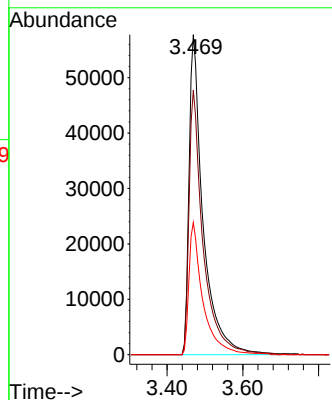
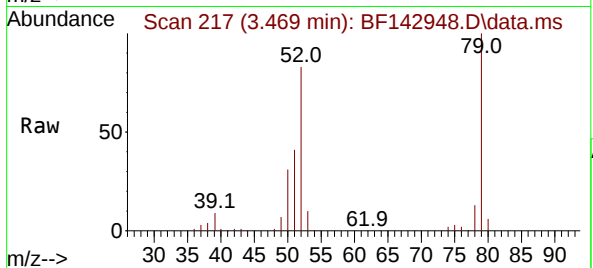




#3
Pyridine
Concen: 40.386 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

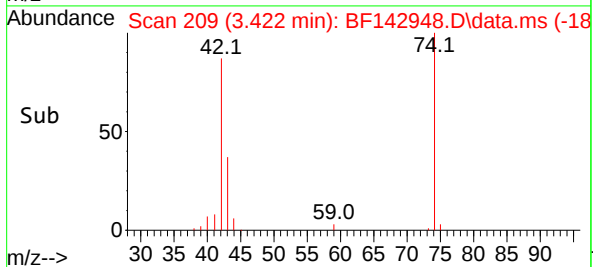
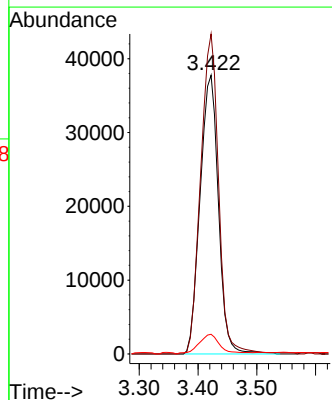
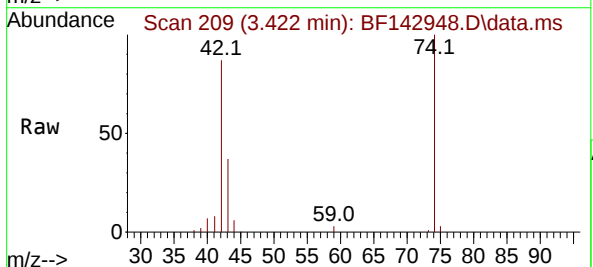
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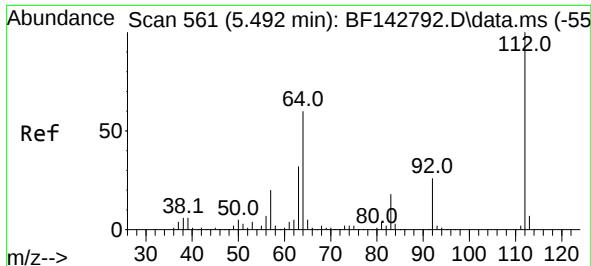
Tgt Ion: 79 Resp: 148477
Ion Ratio Lower Upper
79 100
52 82.6 69.2 103.8
51 41.3 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 42.942 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion: 42 Resp: 81640
Ion Ratio Lower Upper
42 100
74 114.8 90.9 136.3
44 7.0 5.8 8.6

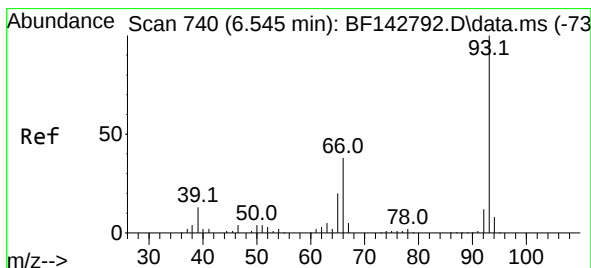
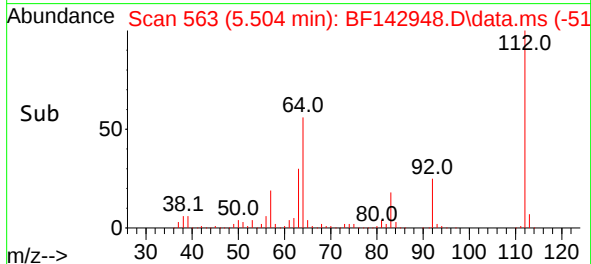
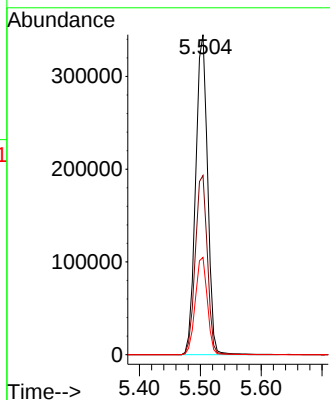
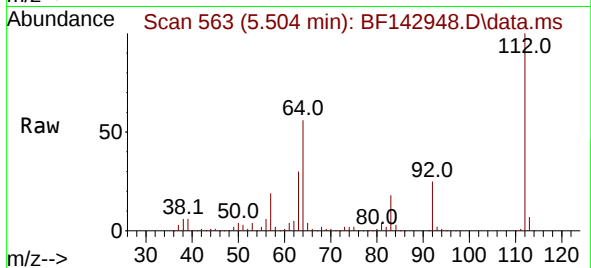




#5
2-Fluorophenol
Concen: 128.304 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

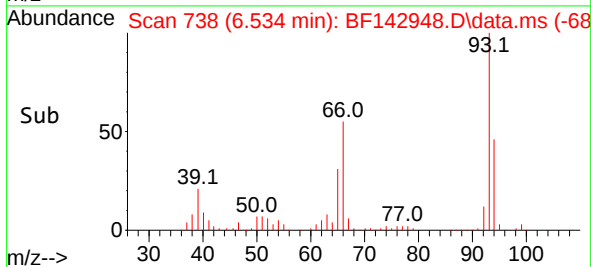
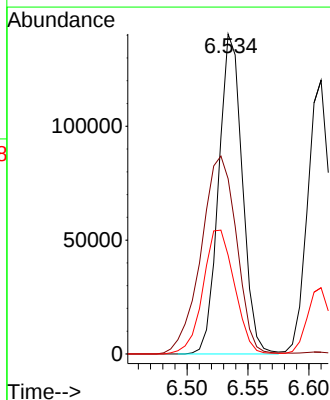
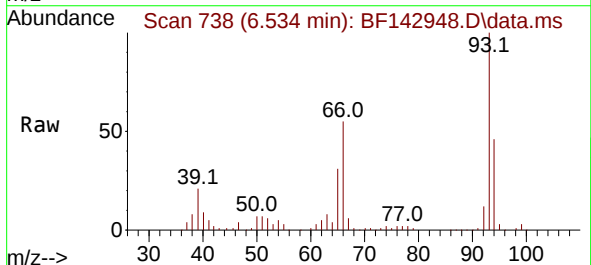
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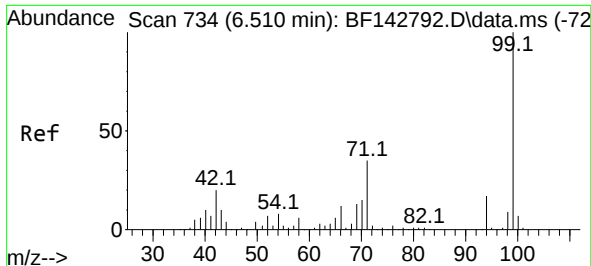
Tgt Ion:112 Resp: 470424
Ion Ratio Lower Upper
112 100
64 56.0 48.2 72.2
63 30.4 25.7 38.5



#6
Aniline
Concen: 33.015 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion: 93 Resp: 190024
Ion Ratio Lower Upper
93 100
66 54.7 31.8 47.6#
65 30.9 16.2 24.2#

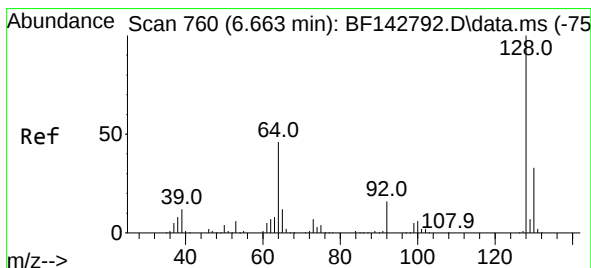
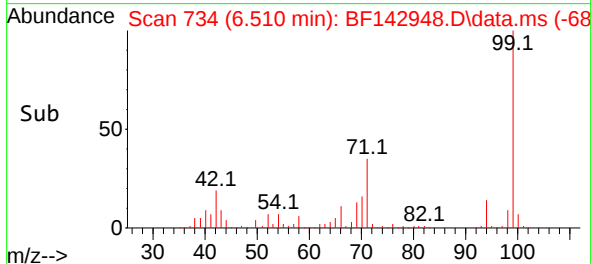
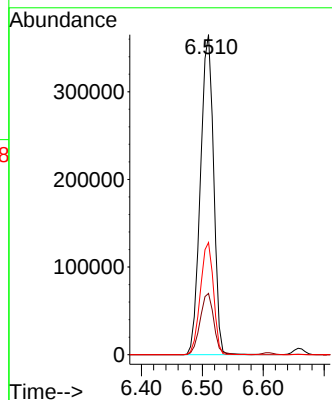
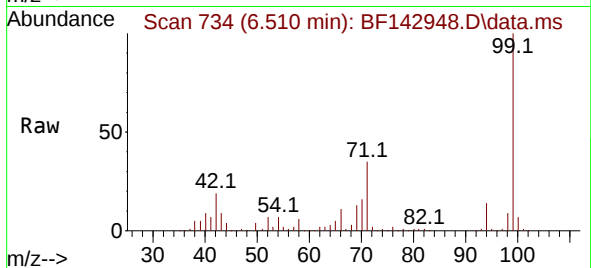




#7
Phenol-d6
Concen: 126.264 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

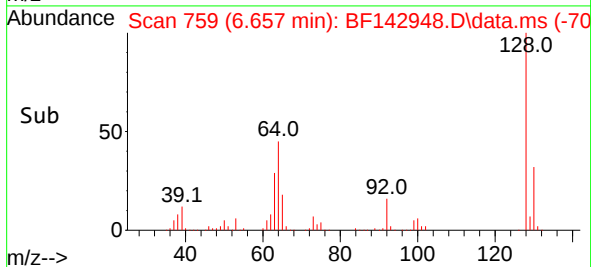
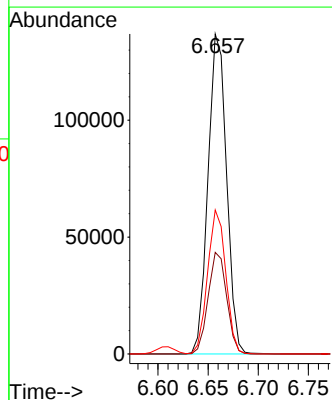
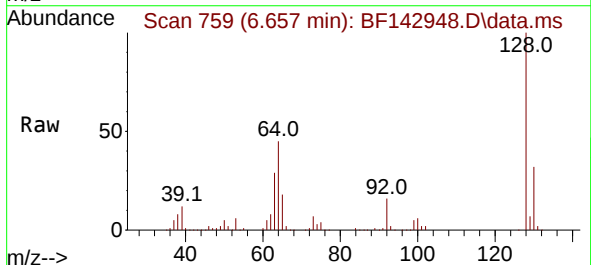
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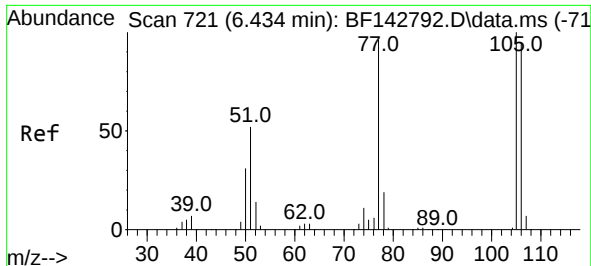
Tgt Ion: 99 Resp: 546182
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.1 27.8 41.8



#8
2-Chlorophenol
Concen: 44.574 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion: 128 Resp: 176292
Ion Ratio Lower Upper
128 100
130 31.8 12.7 52.7
64 45.0 26.5 66.5





#9

Benzaldehyde

Concen: 27.487 ng

RT: 6.422 min Scan# 719

Delta R.T. -0.012 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

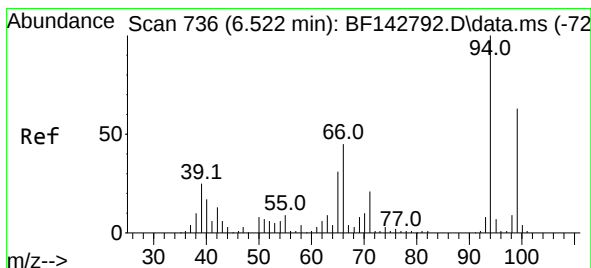
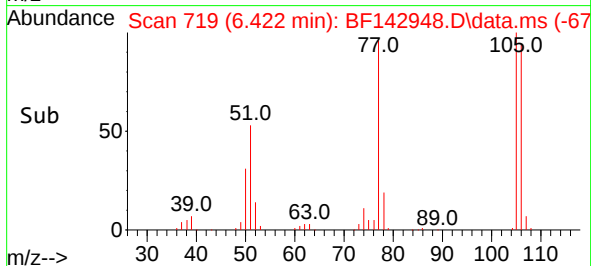
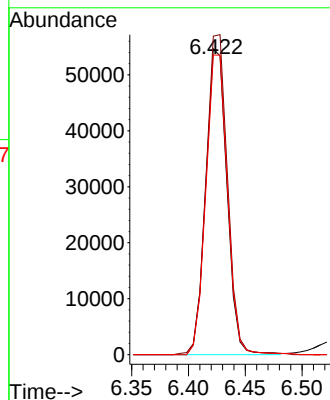
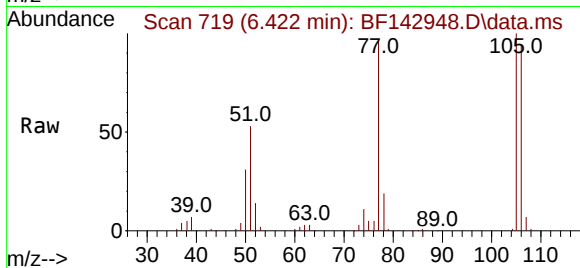
Tgt Ion: 77 Resp: 70542

Ion Ratio Lower Upper

77 100

105 104.2 83.8 123.8

106 98.0 78.7 118.7



#10

Phenol

Concen: 42.136 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF142948.D

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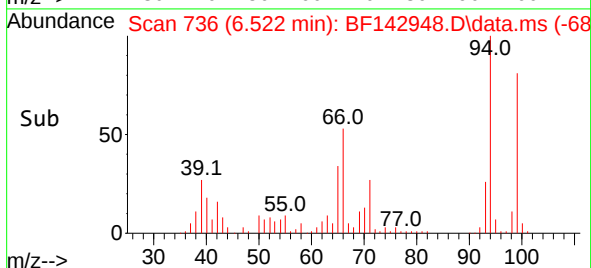
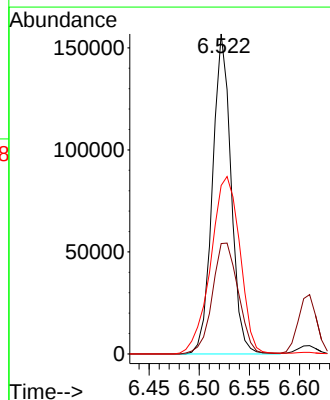
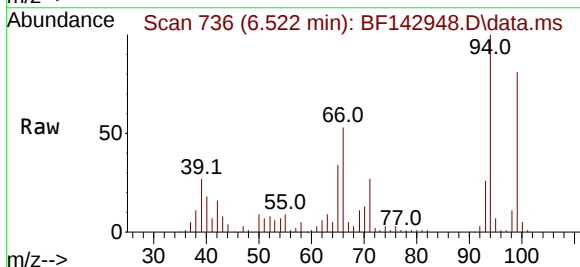
Tgt Ion: 94 Resp: 202603

Ion Ratio Lower Upper

94 100

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66 52.7 24.9 64.9

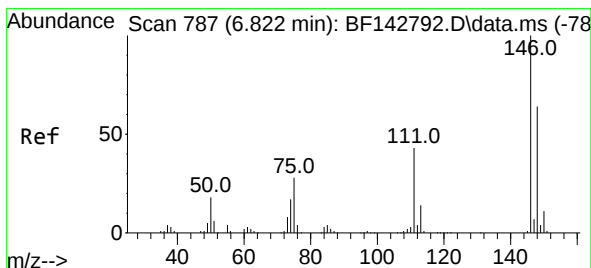
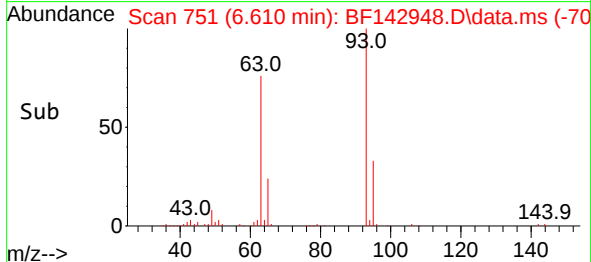
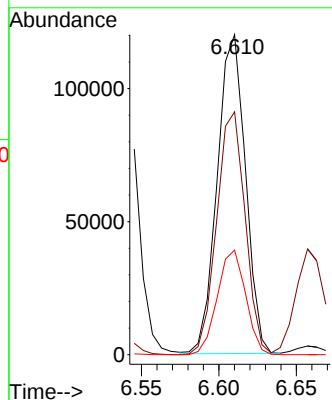
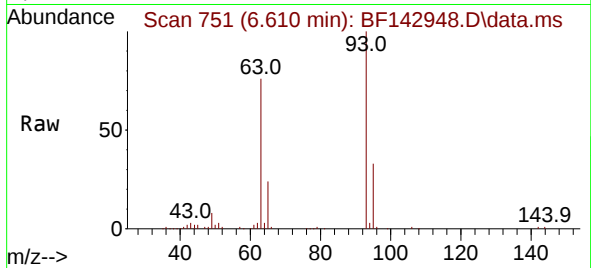




#11
bis(2-Chloroethyl)ether
Concen: 44.199 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

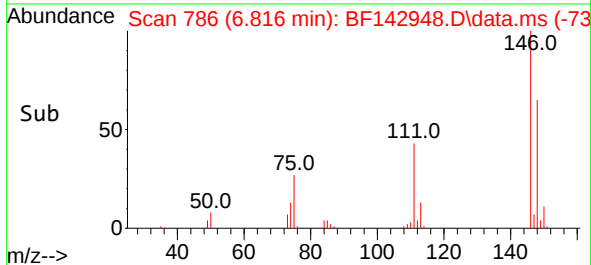
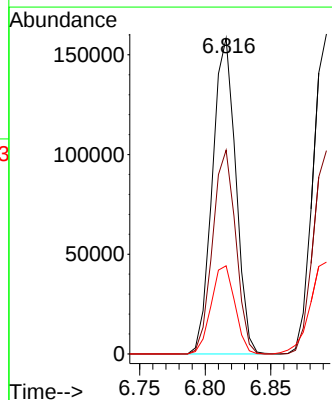
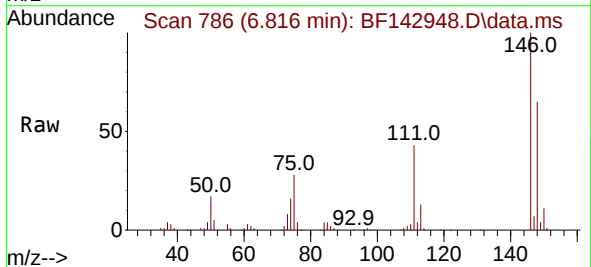
Instrument :
BNA_F
ClientSampleId :
PB168649BS

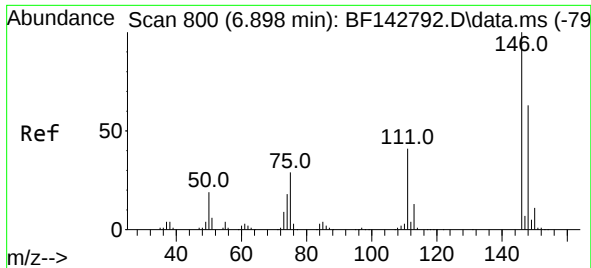
Tgt Ion: 93 Resp: 151896
Ion Ratio Lower Upper
93 100
63 75.9 60.3 100.3
95 32.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 44.327 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion: 146 Resp: 196071
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
75 27.9 22.7 34.1

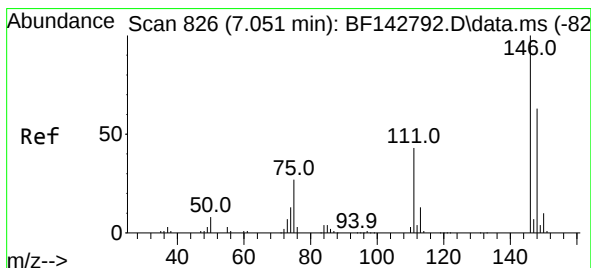
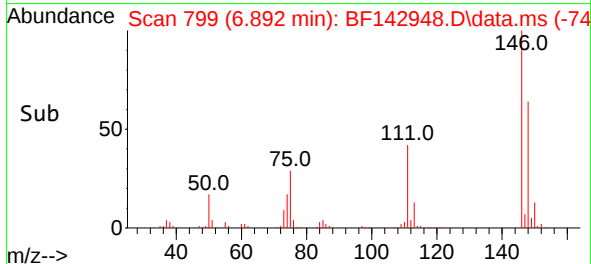
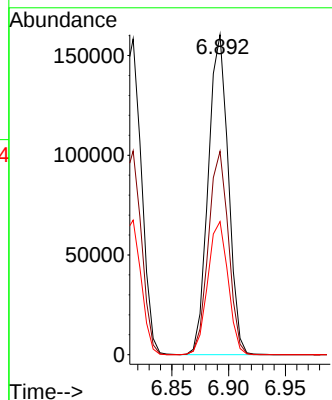
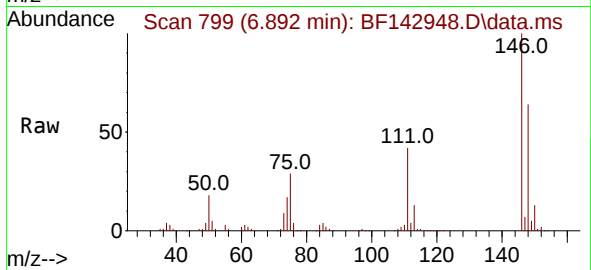




#13
1,4-Dichlorobenzene
Concen: 44.141 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

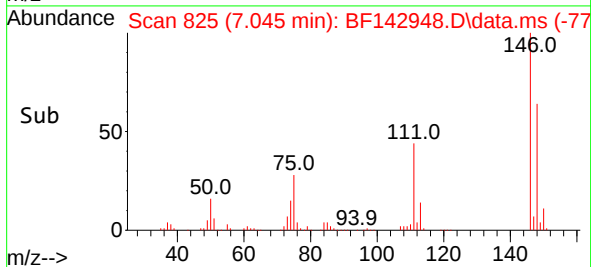
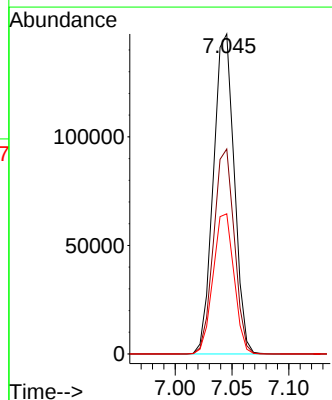
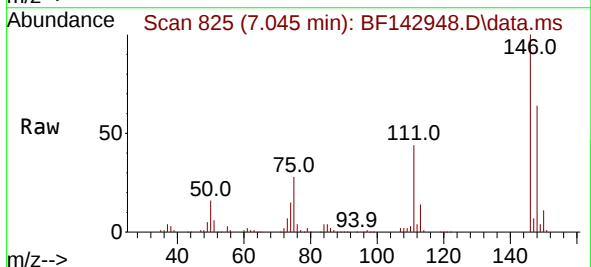
Instrument :
BNA_F
ClientSampleId :
PB168649BS

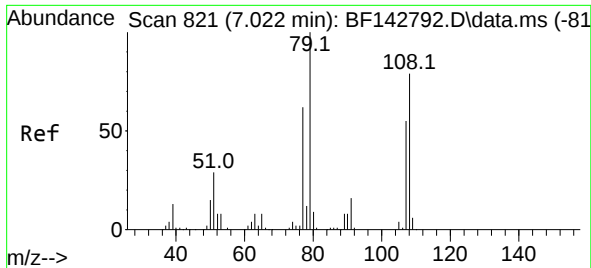
Tgt Ion:146 Resp: 196990
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 41.6 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 44.542 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:146 Resp: 188539
Ion Ratio Lower Upper
146 100
148 64.1 50.4 75.6
111 43.8 34.1 51.1

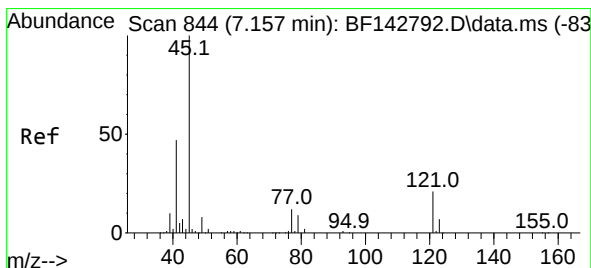
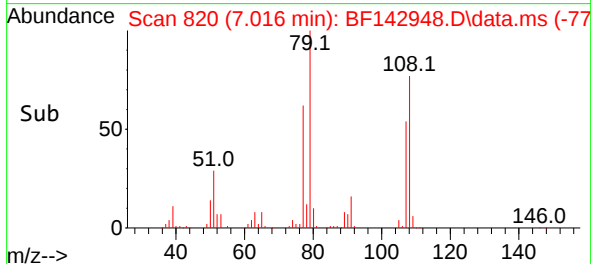
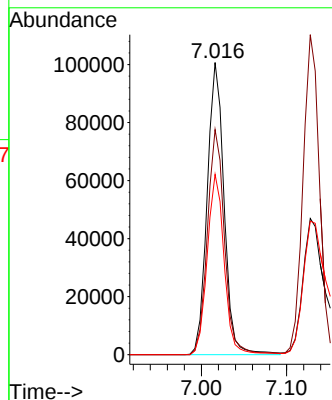
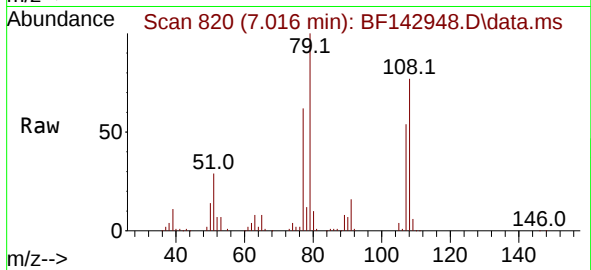




#15
Benzyl Alcohol
Concen: 44.363 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

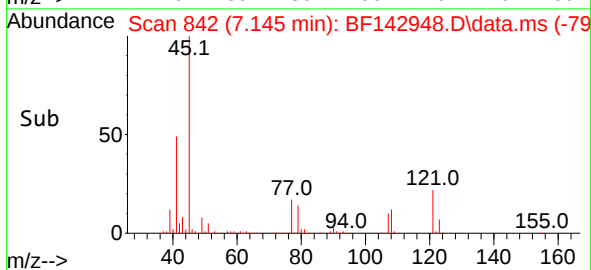
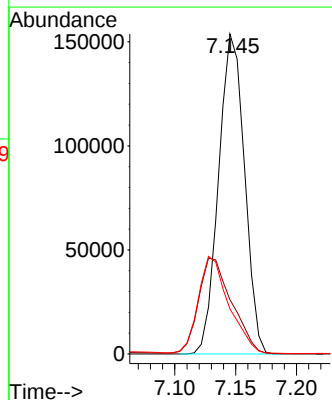
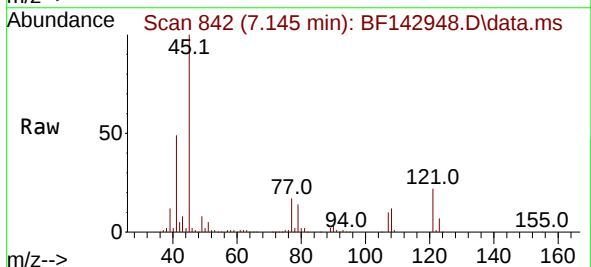
Instrument :
BNA_F
ClientSampleId :
PB168649BS

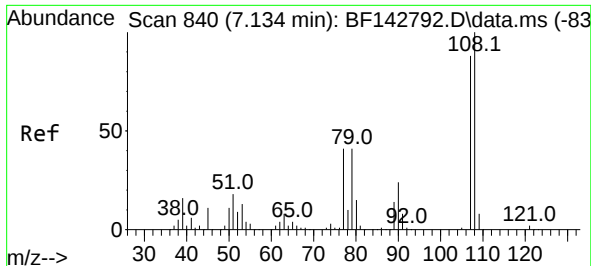
Tgt Ion: 79 Resp: 138733
Ion Ratio Lower Upper
79 100
108 77.0 63.4 95.0
77 61.7 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.229 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion: 45 Resp: 227639
Ion Ratio Lower Upper
45 100
77 17.0 0.0 32.8
79 14.1 0.0 29.8

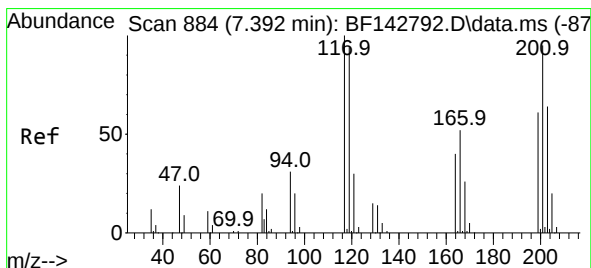
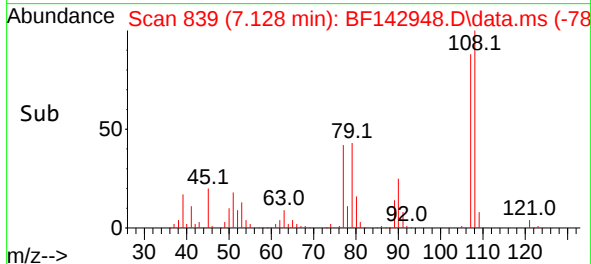
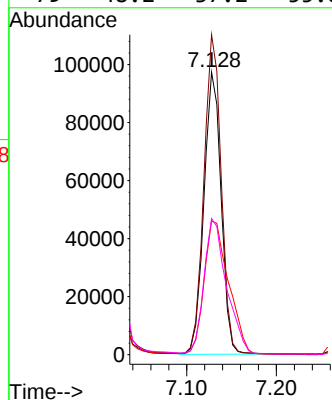
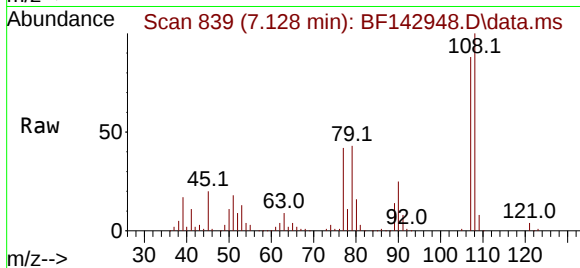




#17
2-Methylphenol
Concen: 43.243 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

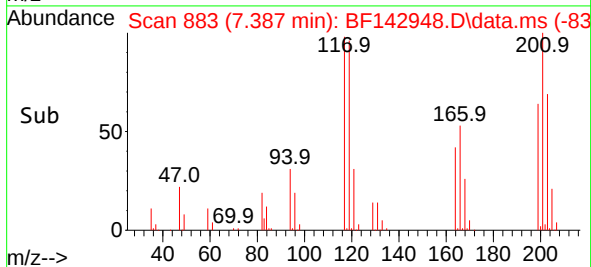
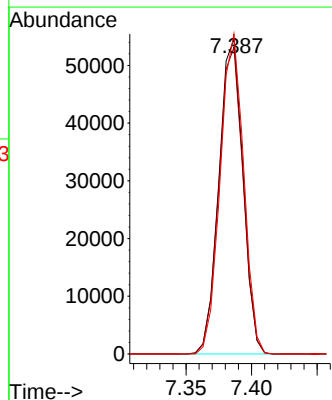
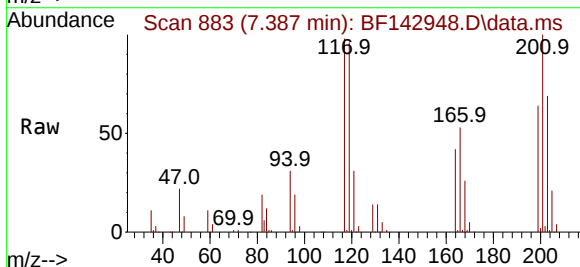
Instrument :
BNA_F
ClientSampleId :
PB168649BS

Tgt Ion:	107	Resp:	129609
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.9	136.3
77	47.3	37.3	55.9
79	48.2	37.2	55.8



#18
Hexachloroethane
Concen: 44.557 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:	117	Resp:	69551
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.4	113.0
201	101.6	75.9	113.9





#19

n-Nitroso-di-n-propylamine

Concen: 44.039 ng

RT: 7.287 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF142948.D

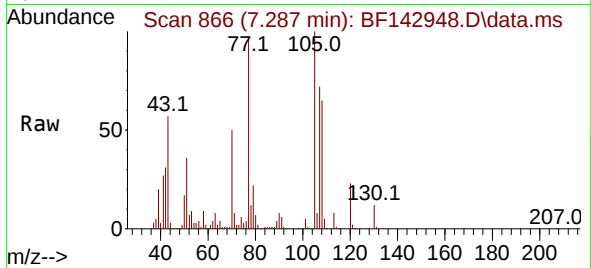
Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

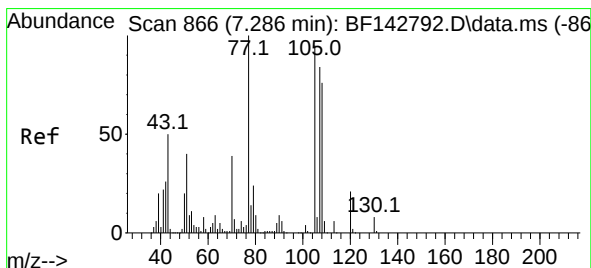
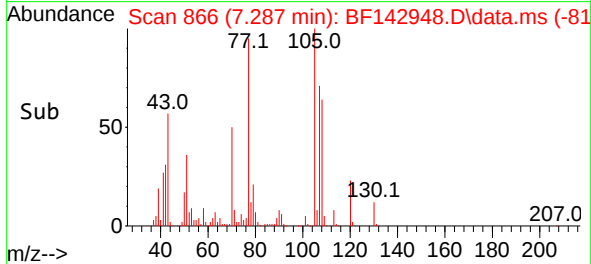
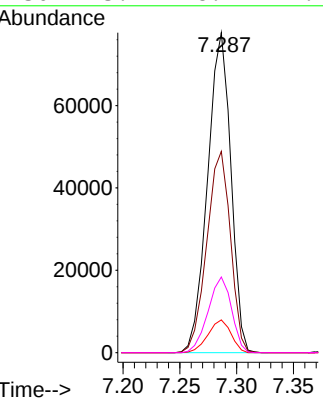
ClientSampleId :

PB168649BS



Tgt Ion: 70 Resp: 110795

Ion	Ratio	Lower	Upper
70	100		
42	62.9	52.1	78.1
101	10.3	8.2	12.2
130	23.7	18.2	27.2



#20

3+4-Methylphenols

Concen: 43.665 ng

RT: 7.281 min Scan# 865

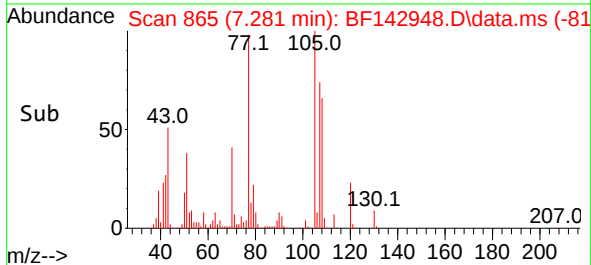
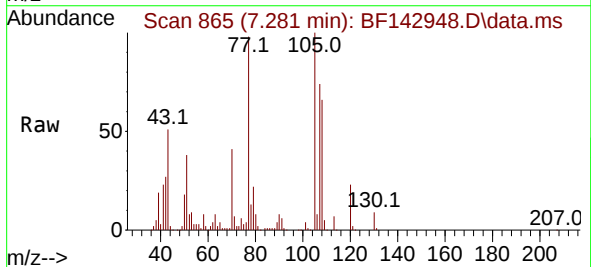
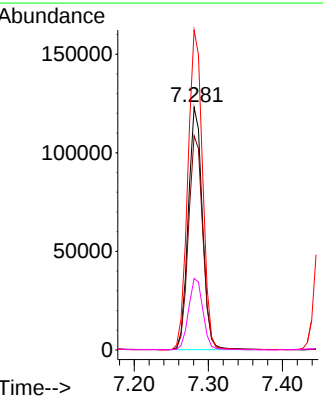
Delta R.T. -0.006 min

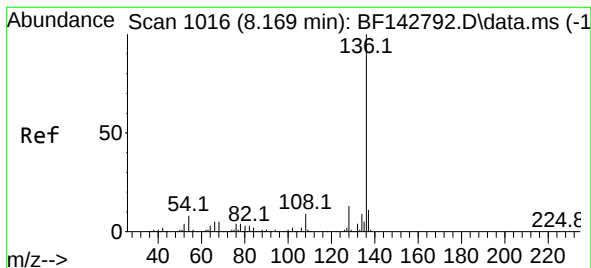
Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Tgt Ion:107 Resp: 163177

Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.0	110.0
77	131.9	98.5	138.5
79	29.5	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

Tgt Ion:136 Resp: 231195

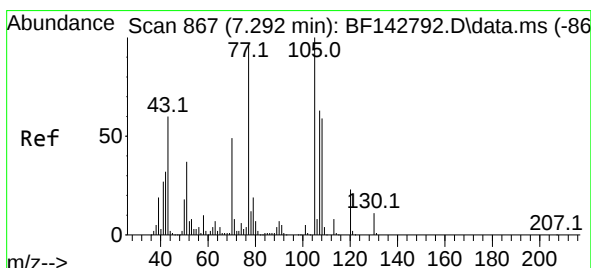
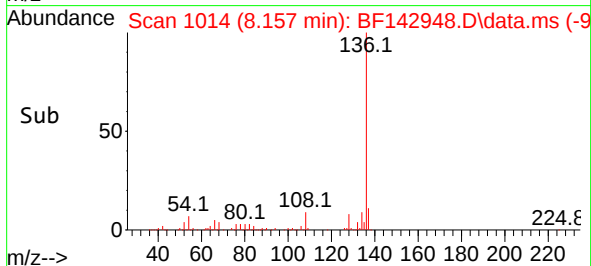
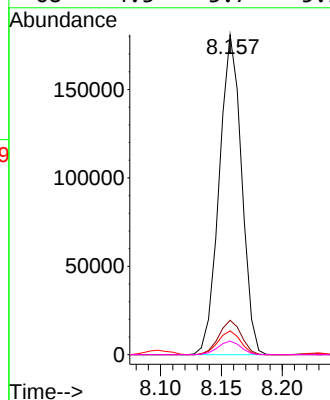
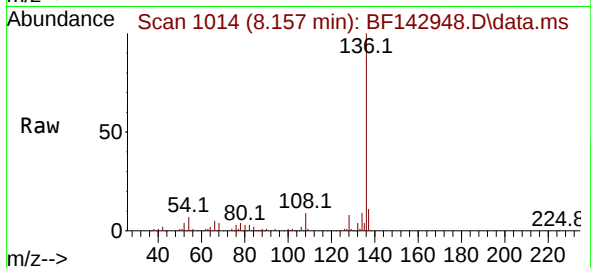
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 7.4 6.3 9.5

68 4.3 3.7 5.5



#22

Acetophenone

Concen: 45.480 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Tgt Ion:105 Resp: 231867

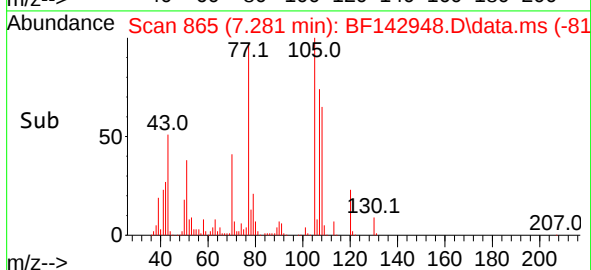
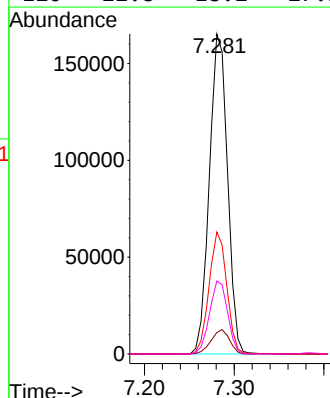
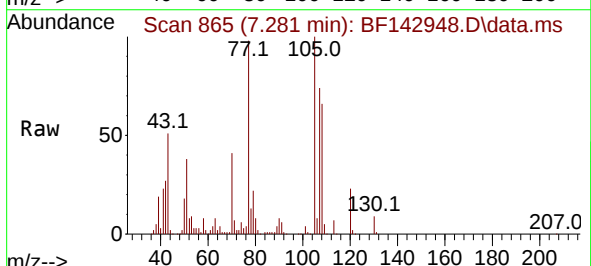
Ion Ratio Lower Upper

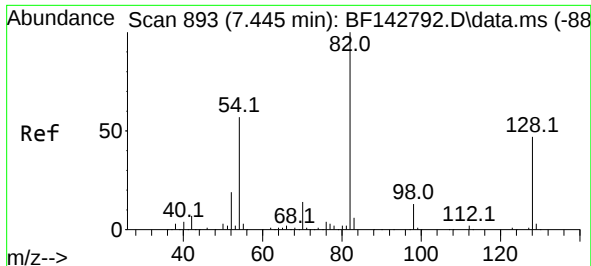
105 100

71 6.7 6.5 9.7

51 38.1 29.8 44.8

120 22.8 18.2 27.2

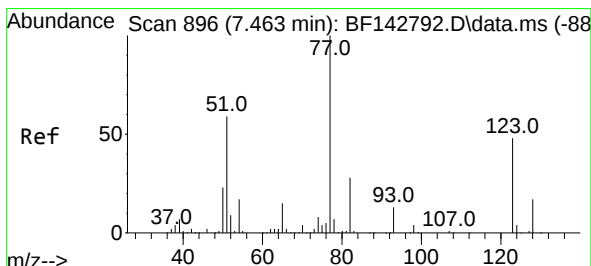
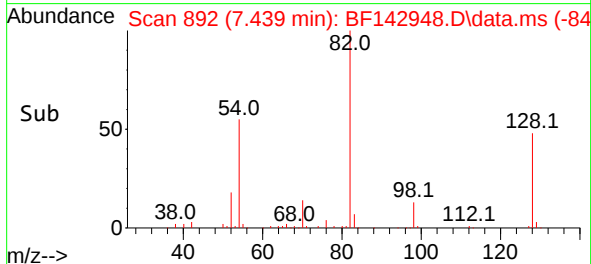
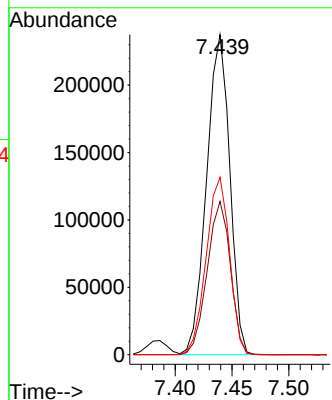
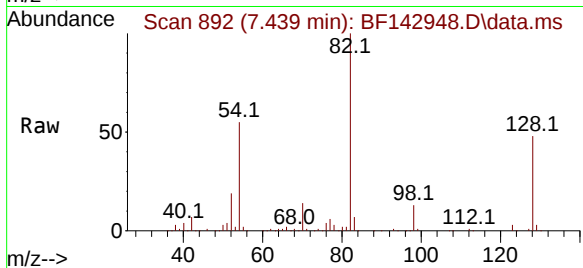




#23
Nitrobenzene-d5
Concen: 79.923 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

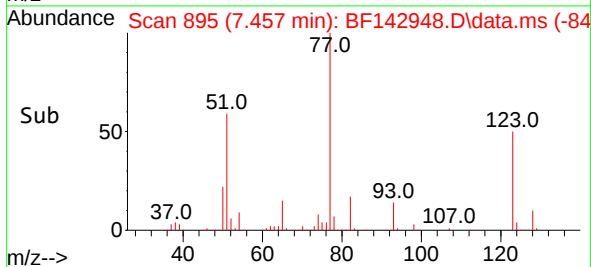
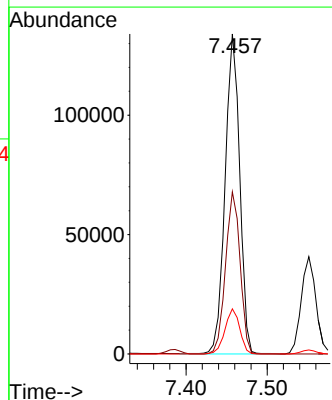
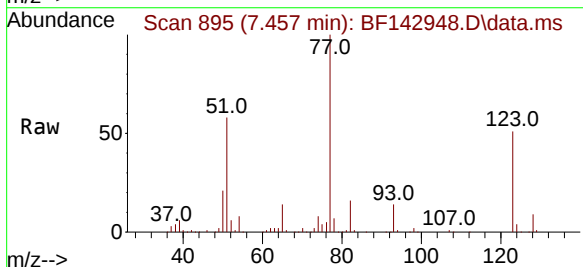
Instrument :
BNA_F
ClientSampleId :
PB168649BS

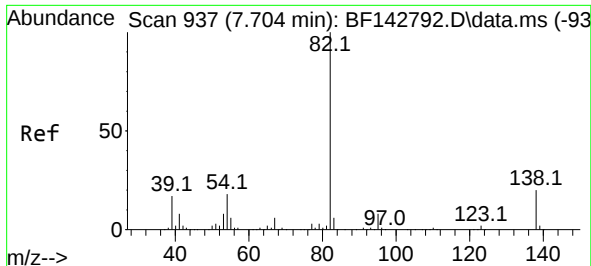
Tgt Ion: 82 Resp: 336872
Ion Ratio Lower Upper
82 100
128 47.9 37.7 56.5
54 55.4 45.7 68.5



#24
Nitrobenzene
Concen: 44.044 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion: 77 Resp: 168026
Ion Ratio Lower Upper
77 100
123 50.7 39.2 58.8
65 14.1 11.6 17.4

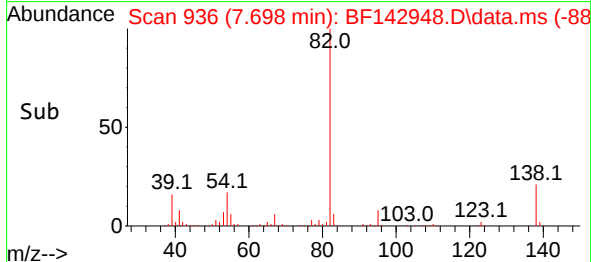
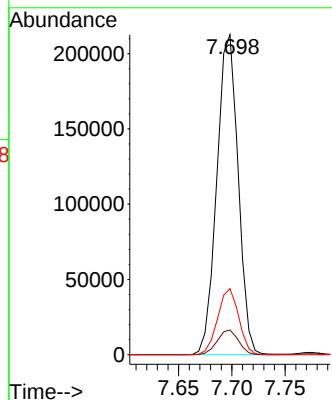
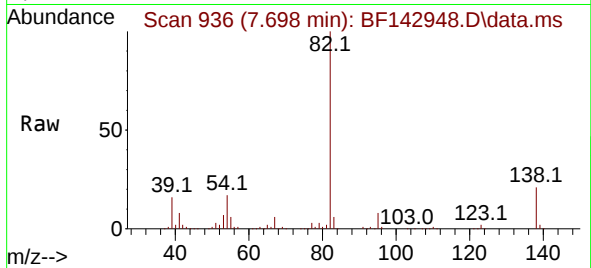




#25
Isophorone
Concen: 43.738 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

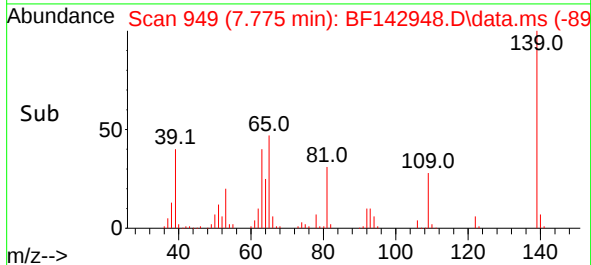
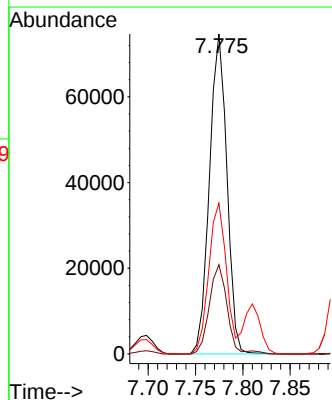
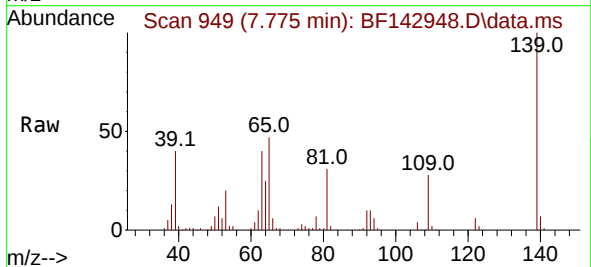
Instrument :
BNA_F
ClientSampleId :
PB168649BS

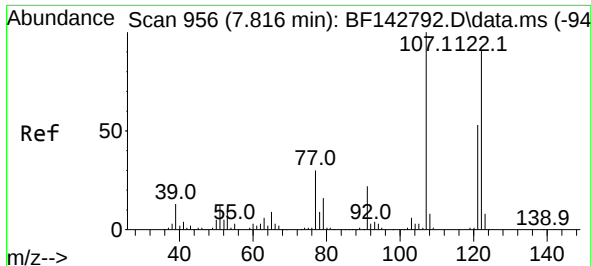
Tgt Ion: 82 Resp: 295732
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.6 16.2 24.4



#26
2-Nitrophenol
Concen: 45.989 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:139 Resp: 95573
Ion Ratio Lower Upper
139 100
109 27.9 22.7 34.1
65 47.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.967 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

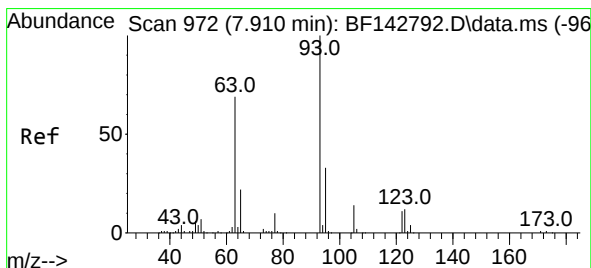
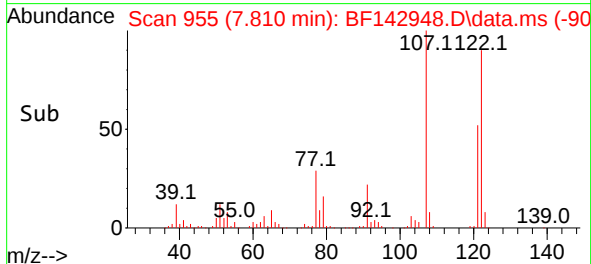
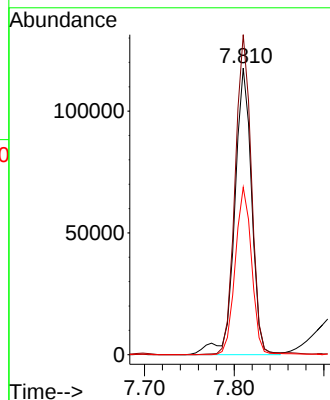
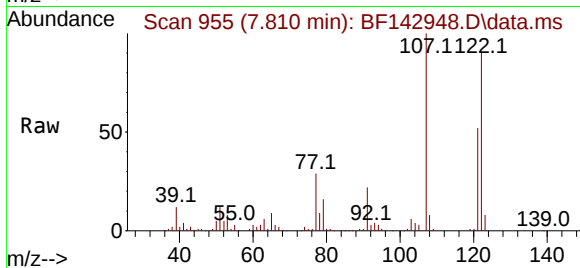
Tgt Ion:122 Resp: 154669

Ion Ratio Lower Upper

122 100

107 111.7 88.0 132.0

121 58.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.392 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

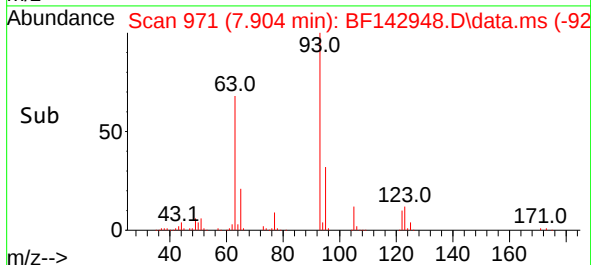
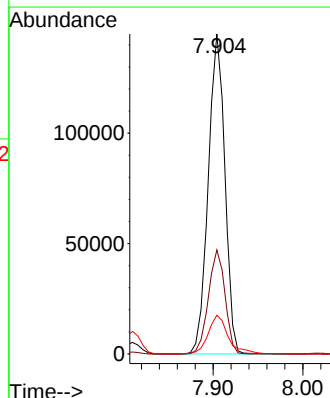
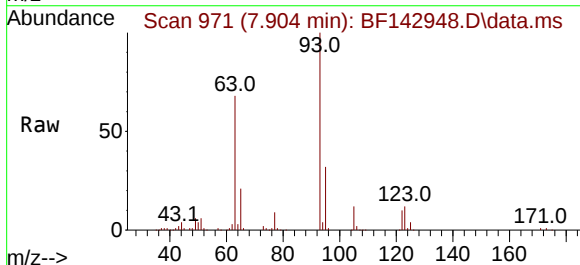
Tgt Ion: 93 Resp: 186525

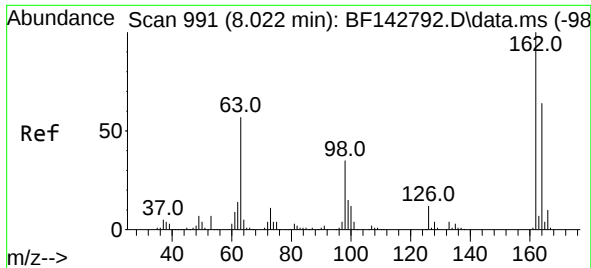
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.142 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

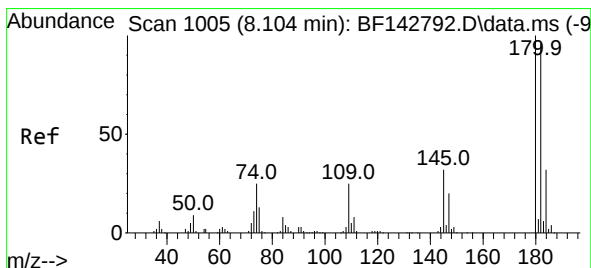
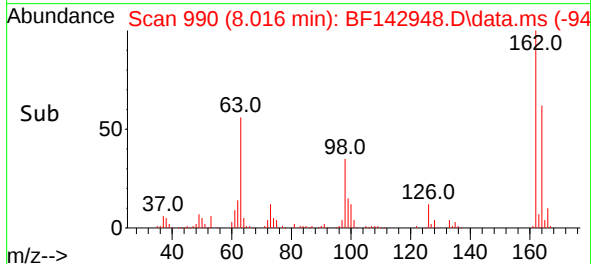
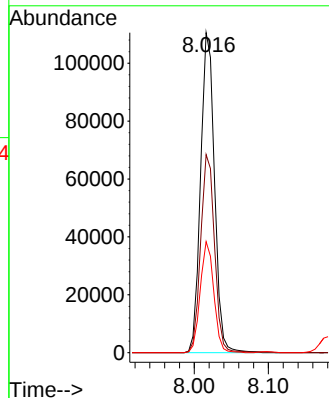
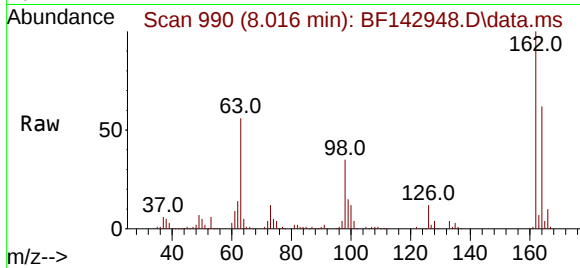
Tgt Ion:162 Resp: 144079

Ion Ratio Lower Upper

162 100

164 61.9 44.0 84.0

98 34.7 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 44.719 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

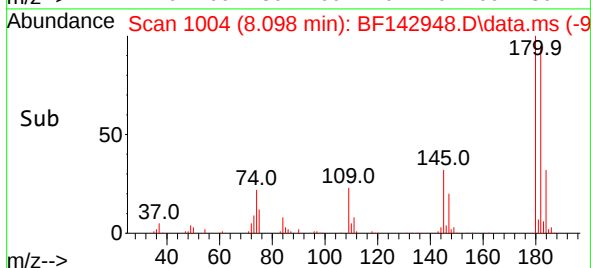
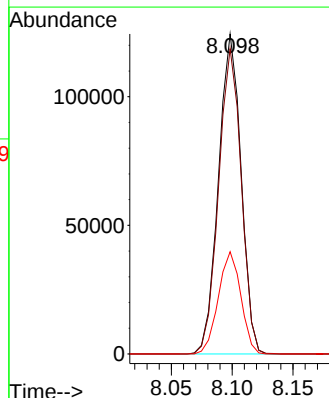
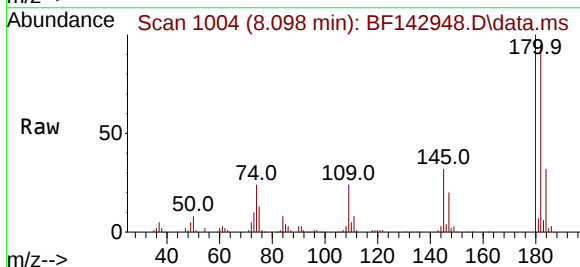
Tgt Ion:180 Resp: 160502

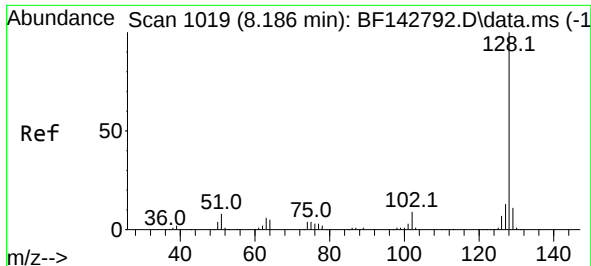
Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

145 31.9 25.8 38.8

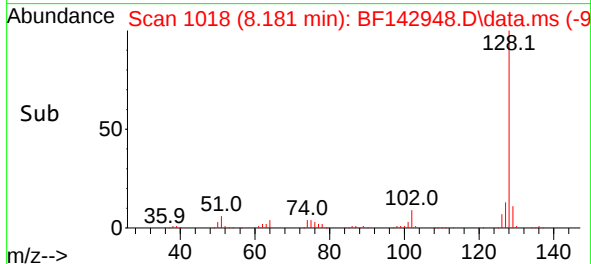
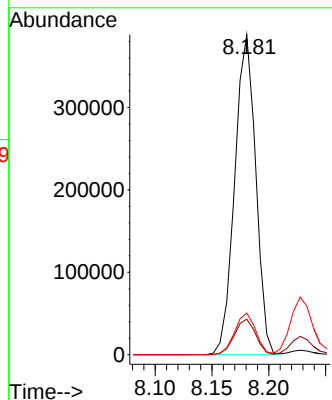
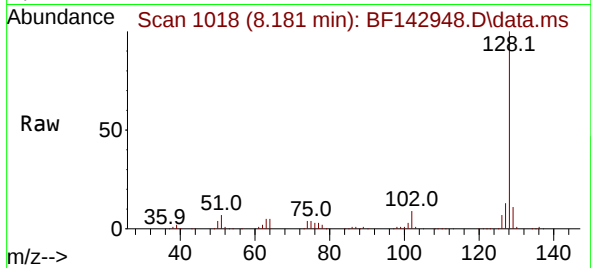




#31
Naphthalene
Concen: 44.033 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

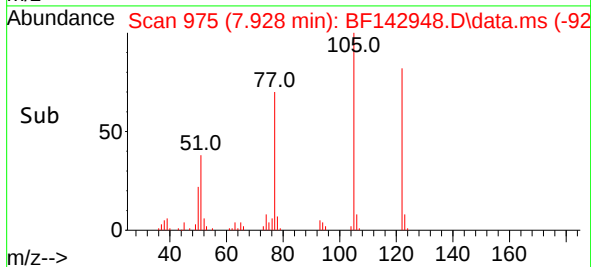
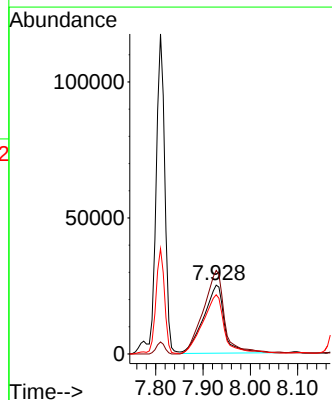
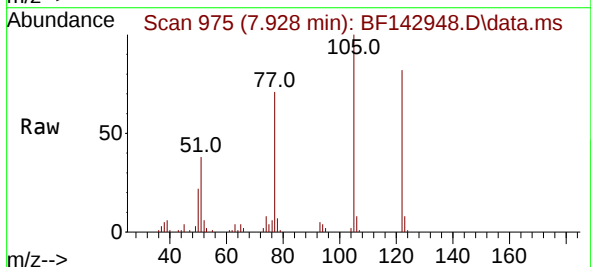
Instrument :
BNA_F
ClientSampleId :
PB168649BS

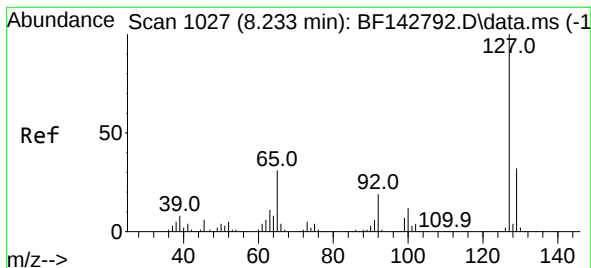
Tgt Ion:128 Resp: 498301
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 42.155 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:122 Resp: 77344
Ion Ratio Lower Upper
122 100
105 121.4 104.7 144.7
77 86.0 70.2 110.2





#33

4-Chloroaniline

Concen: 21.992 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

Tgt Ion:127 Resp: 101198

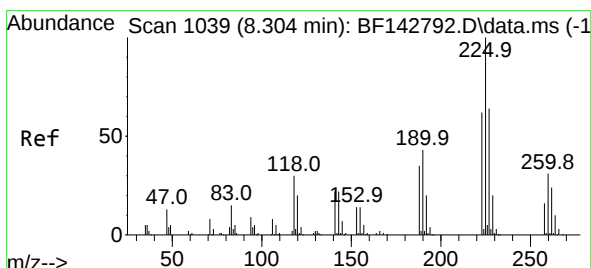
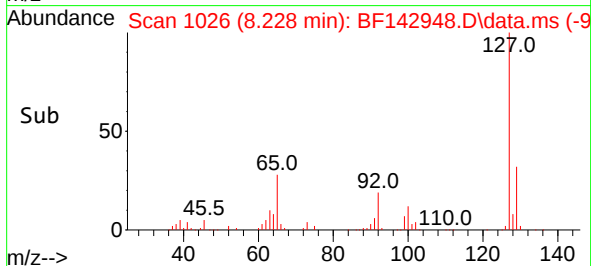
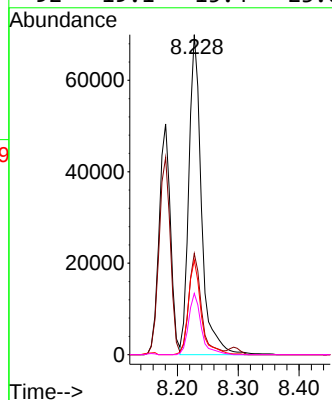
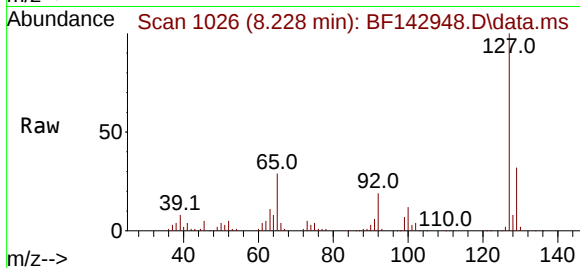
Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 29.5 24.6 36.8

92 19.1 15.4 23.0



#34

Hexachlorobutadiene

Concen: 45.546 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.012 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

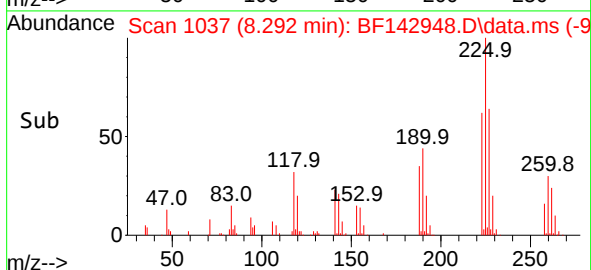
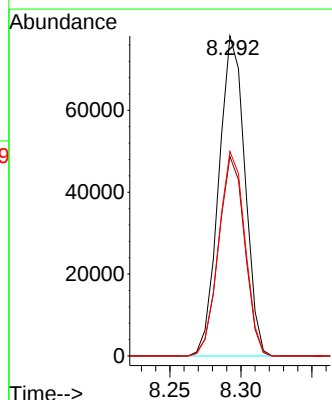
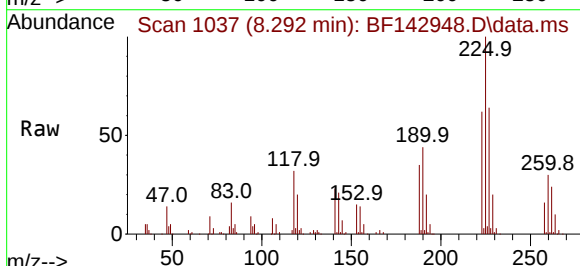
Tgt Ion:225 Resp: 99990

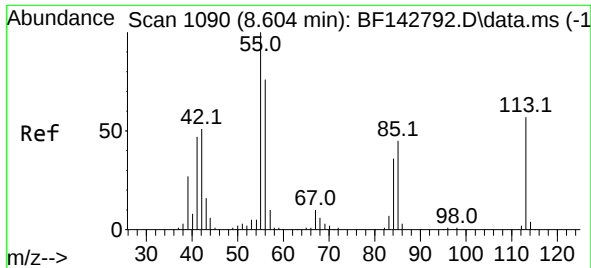
Ion Ratio Lower Upper

225 100

223 62.3 49.9 74.9

227 63.9 51.4 77.0

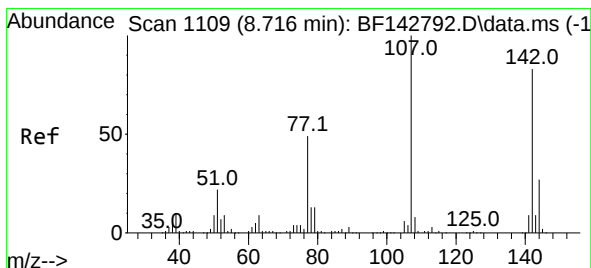
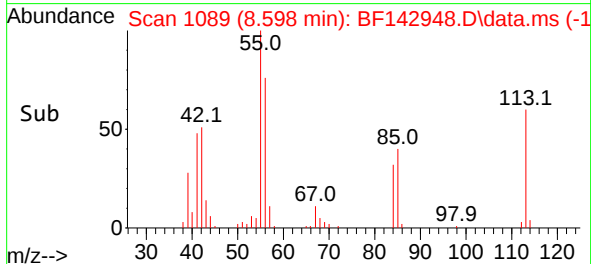
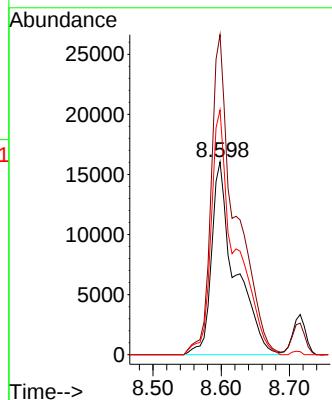
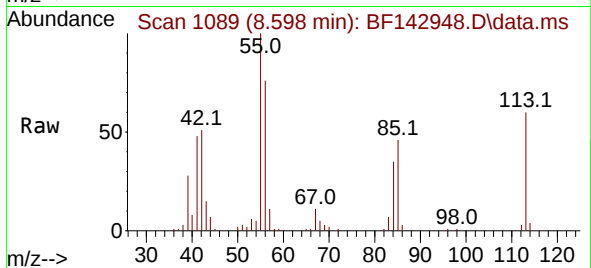




#35
 Caprolactam
 Concen: 44.864 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF142948.D
 Acq: 01 Jul 2025 14:20

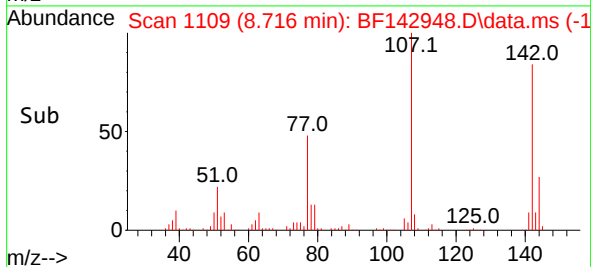
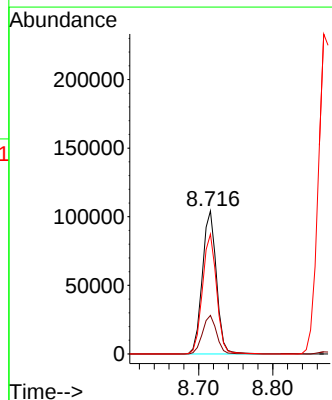
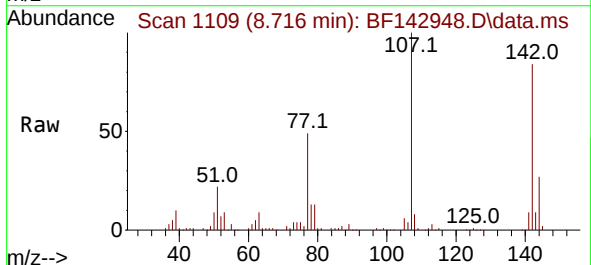
Instrument :
 BNA_F
 ClientSampleId :
 PB168649BS

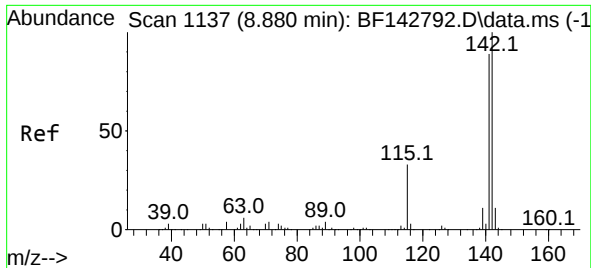
Tgt Ion:113 Resp: 38641
 Ion Ratio Lower Upper
 113 100
 55 165.9 154.4 194.4
 56 126.9 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.668 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142948.D
 Acq: 01 Jul 2025 14:20

Tgt Ion:107 Resp: 138409
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.3 31.9
 142 83.8 66.6 100.0





#37

2-Methylnaphthalene

Concen: 44.065 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

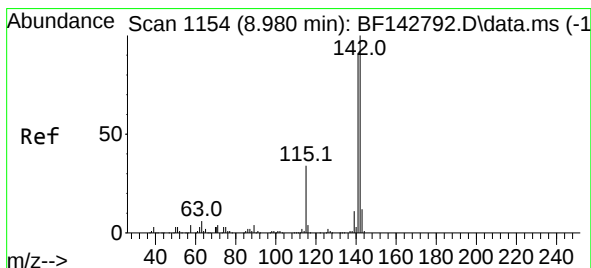
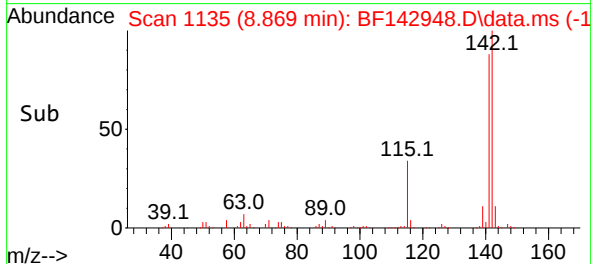
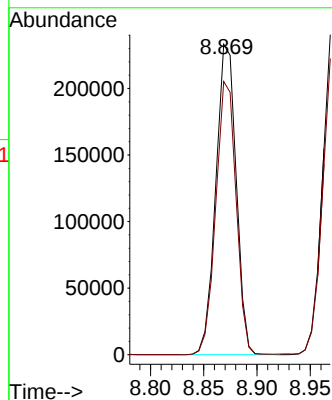
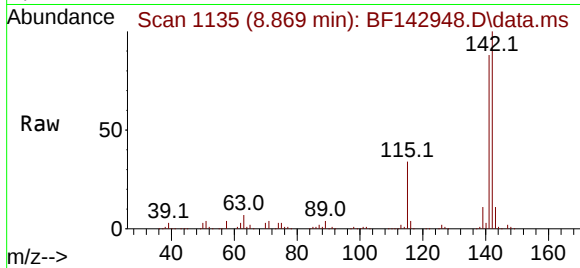
PB168649BS

Tgt Ion:142 Resp: 309154

Ion Ratio Lower Upper

142 100

141 88.0 70.9 106.3



#38

1-Methylnaphthalene

Concen: 43.573 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF142948.D

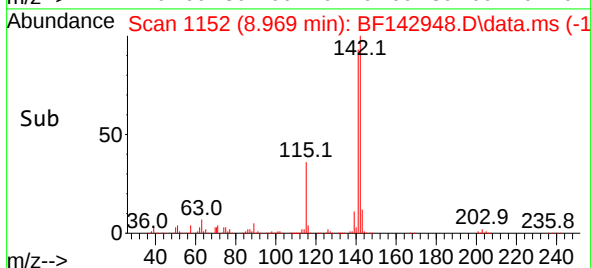
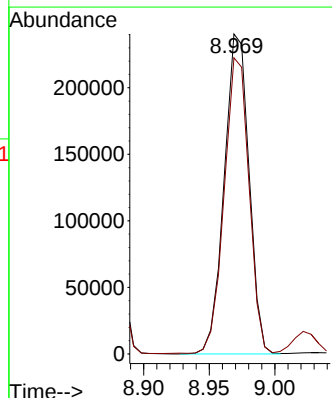
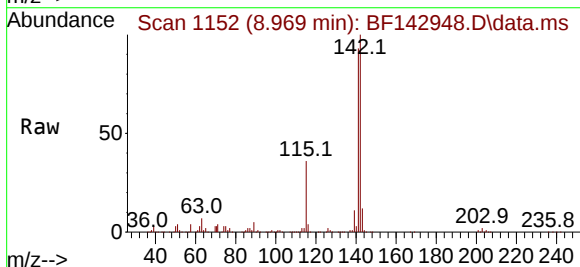
Acq: 01 Jul 2025 14:20

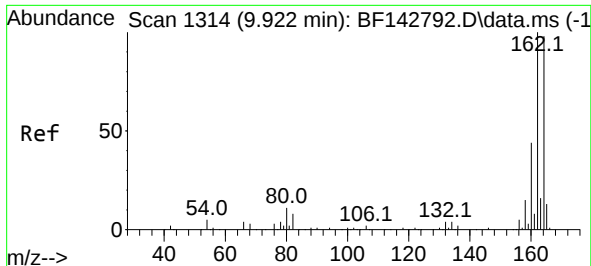
Tgt Ion:142 Resp: 316459

Ion Ratio Lower Upper

142 100

141 92.6 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

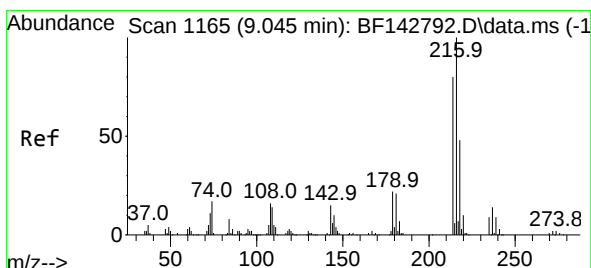
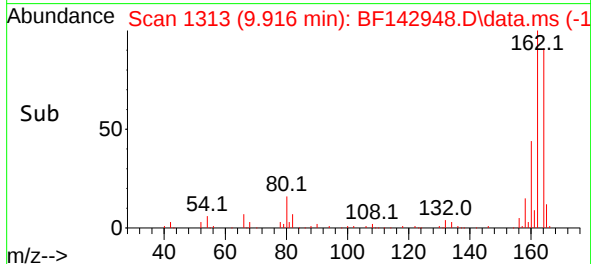
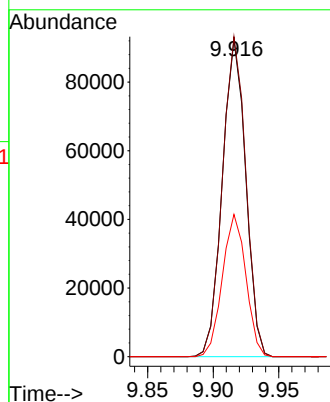
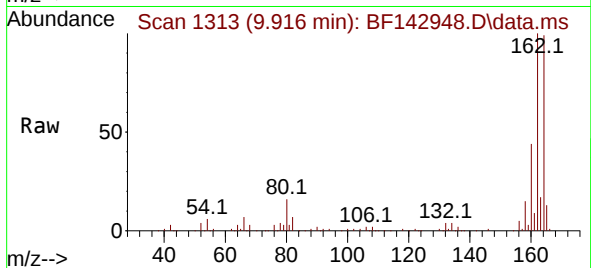
Tgt Ion:164 Resp: 114663

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.8

160 44.9 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.955 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Tgt Ion:216 Resp: 158865

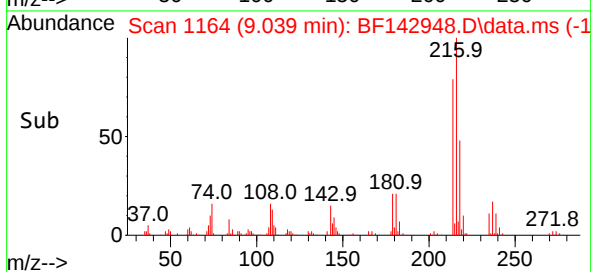
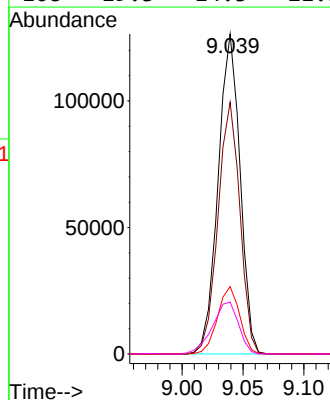
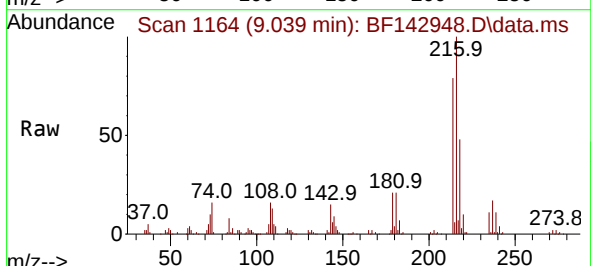
Ion Ratio Lower Upper

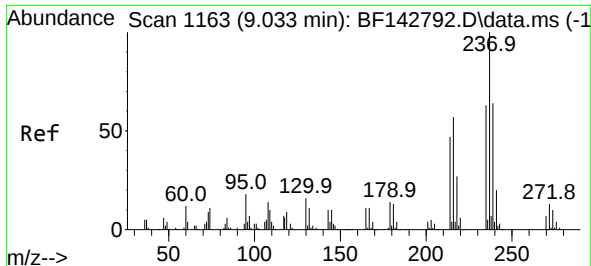
216 100

214 78.3 63.7 95.5

179 21.2 17.6 26.4

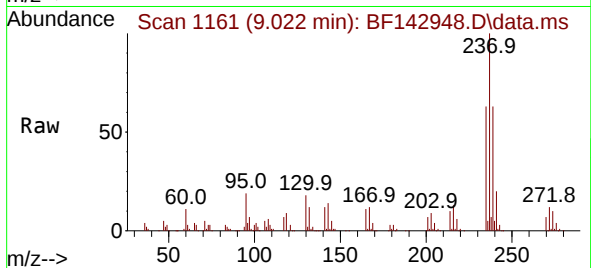
108 19.3 14.3 21.5



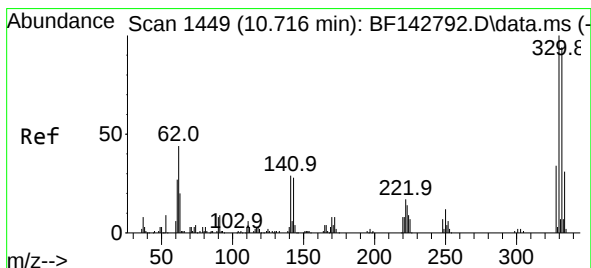
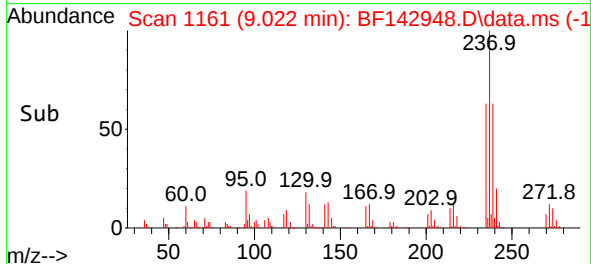
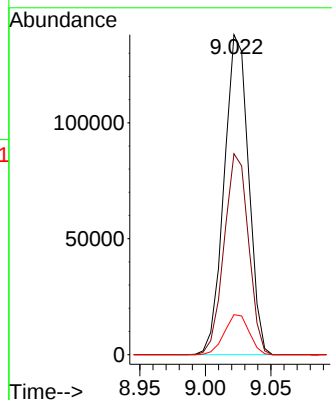


#41
Hexachlorocyclopentadiene
Concen: 92.959 ng
RT: 9.022 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Instrument :
BNA_F
ClientSampleId :
PB168649BS

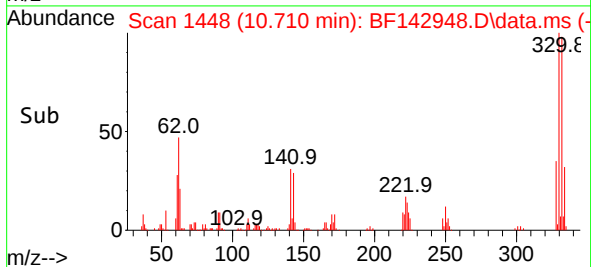
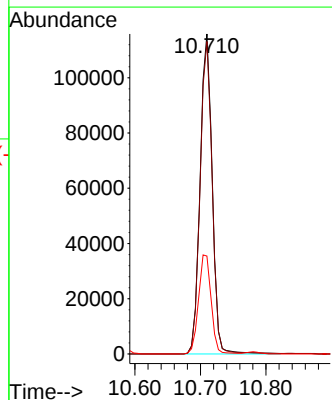
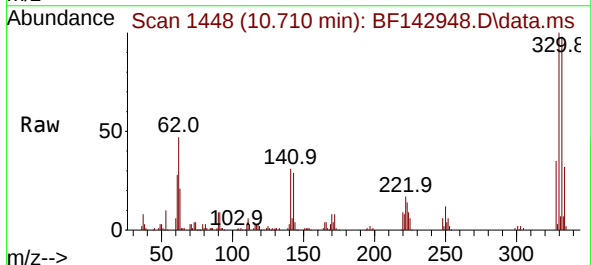


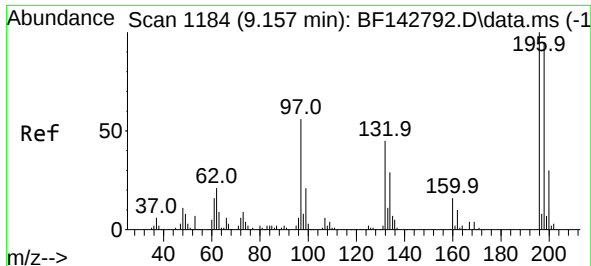
Tgt Ion:237 Resp: 178478
Ion Ratio Lower Upper
237 100
235 62.8 43.4 83.4
272 12.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 126.223 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

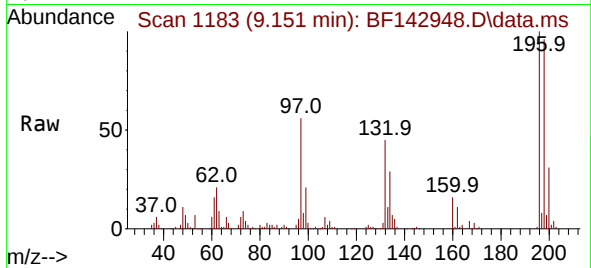
Tgt Ion:330 Resp: 148938
Ion Ratio Lower Upper
330 100
332 97.6 75.0 112.6
141 32.3 25.3 37.9



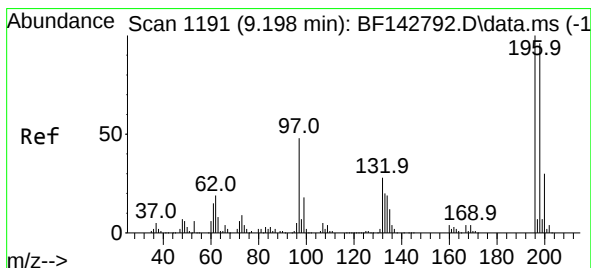
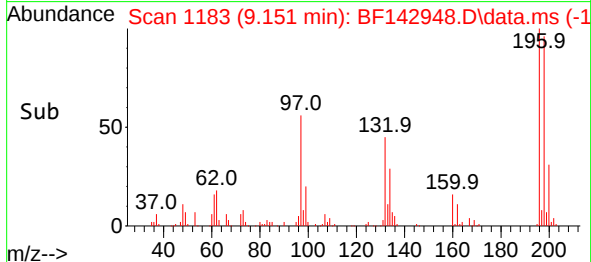
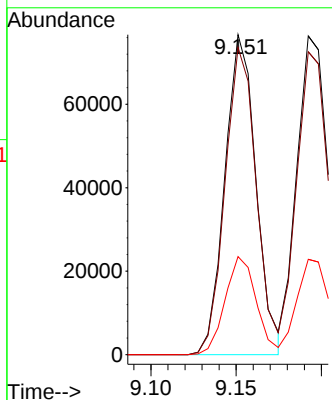


#43
2,4,6-Trichlorophenol
Concen: 44.150 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Instrument :
BNA_F
ClientSampleId :
PB168649BS

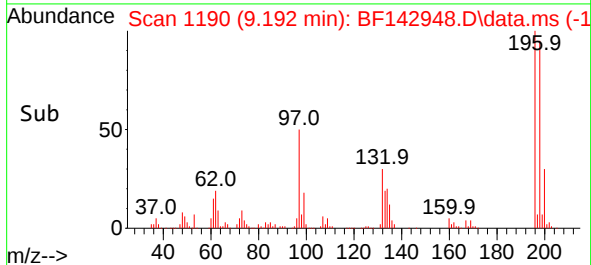
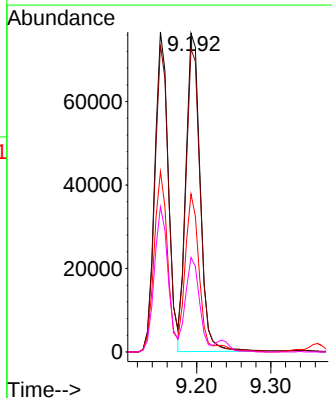
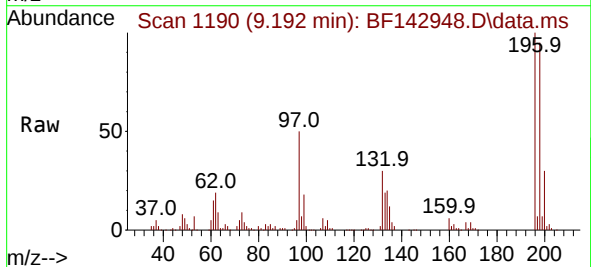


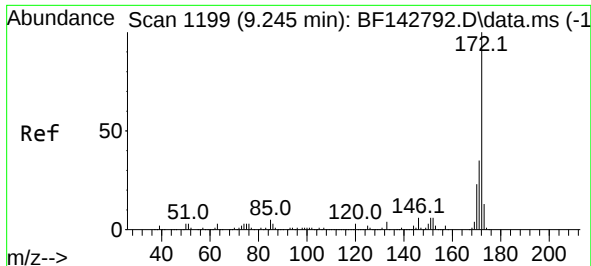
Tgt Ion:196 Resp: 97335
Ion Ratio Lower Upper
196 100
198 96.0 76.2 114.2
200 30.6 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 43.948 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:196 Resp: 101994
Ion Ratio Lower Upper
196 100
198 95.0 76.6 115.0
97 49.6 38.2 57.2
132 29.6 23.4 35.0

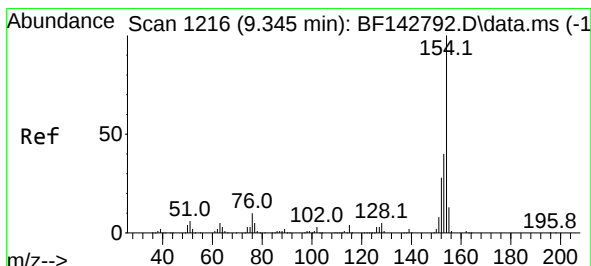
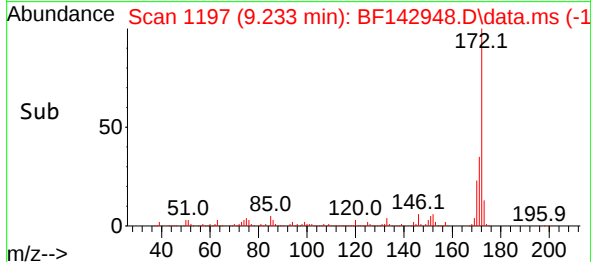
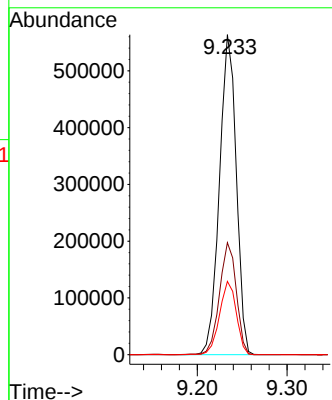
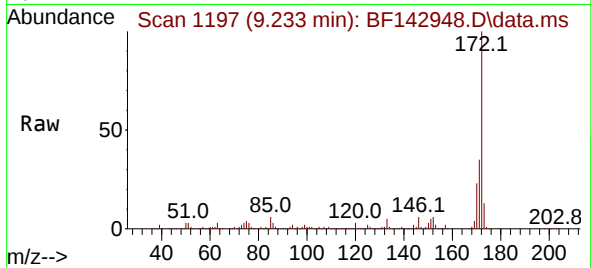




#45
2-Fluorobiphenyl
Concen: 84.040 ng
RT: 9.233 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

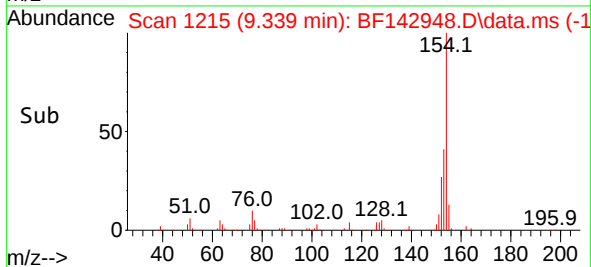
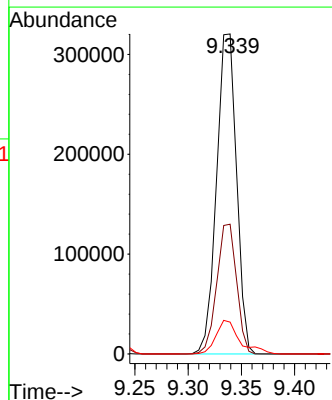
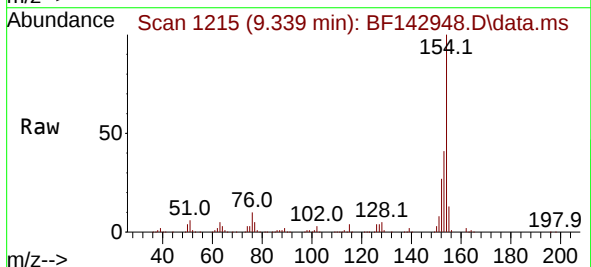
Instrument :
BNA_F
ClientSampleId :
PB168649BS

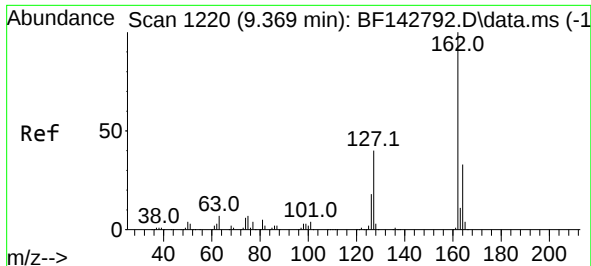
Tgt Ion:172 Resp: 733536
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 22.9 18.5 27.7



#46
1,1'-Biphenyl
Concen: 46.037 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:154 Resp: 416990
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 10.0 0.0 30.3

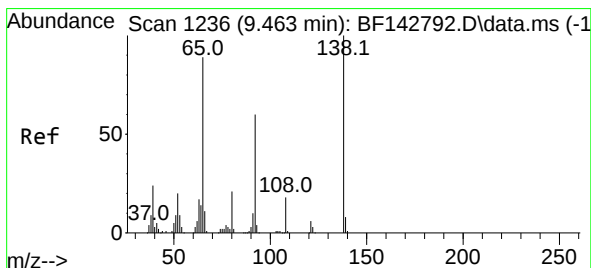
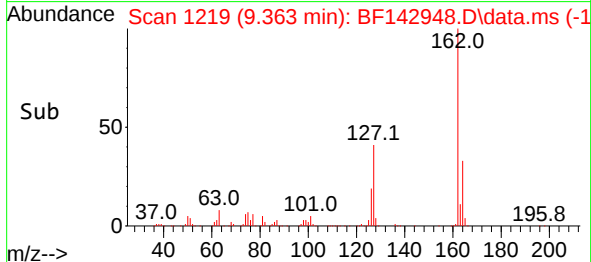
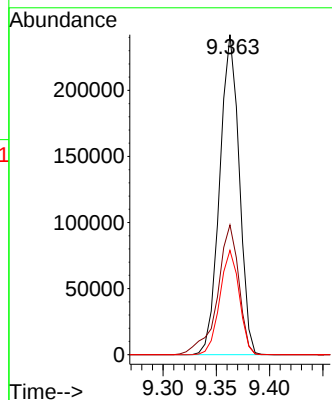
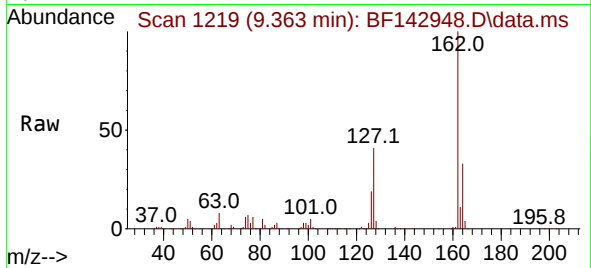




#47
2-Chloronaphthalene
Concen: 45.240 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

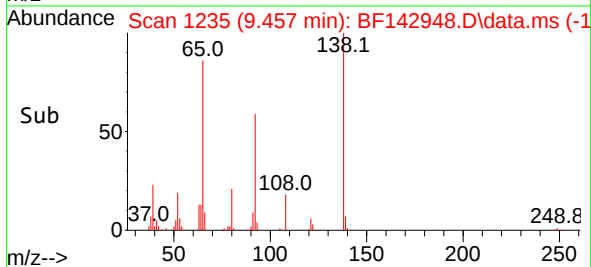
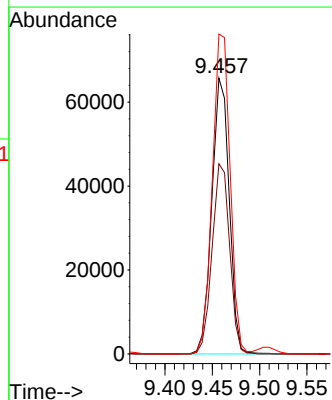
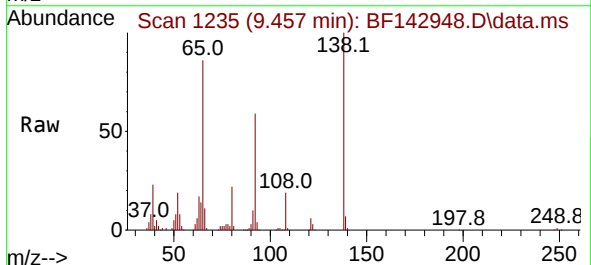
Instrument :
BNA_F
ClientSampleId :
PB168649BS

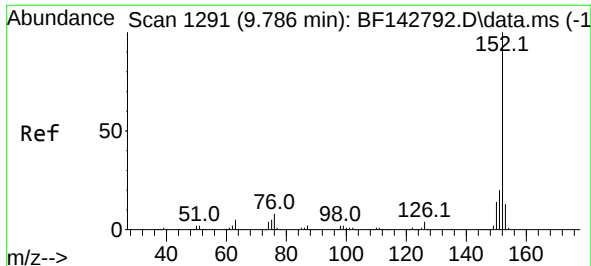
Tgt Ion:162 Resp: 307505
Ion Ratio Lower Upper
162 100
127 40.6 32.2 48.2
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 44.013 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion: 65 Resp: 83872
Ion Ratio Lower Upper
65 100
92 69.0 53.8 80.6
138 116.0 89.6 134.4





#49

Acenaphthylene

Concen: 44.327 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

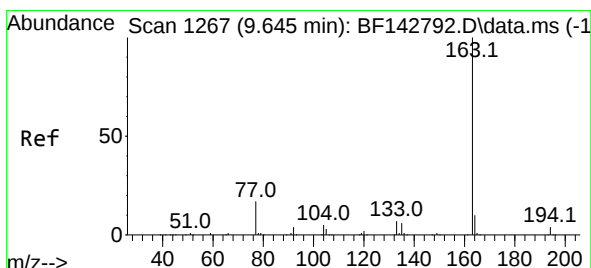
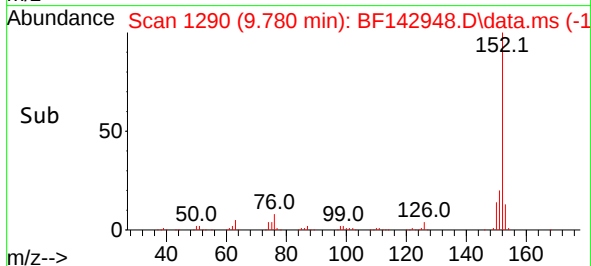
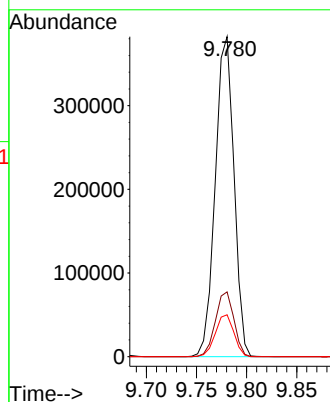
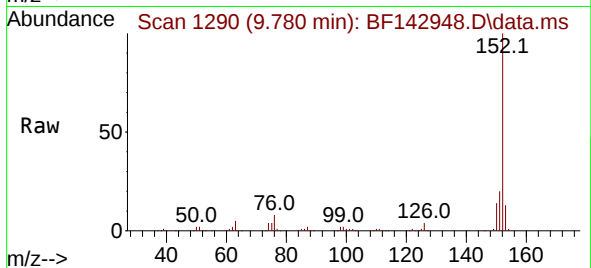
Tgt Ion:152 Resp: 495998

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 45.084 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

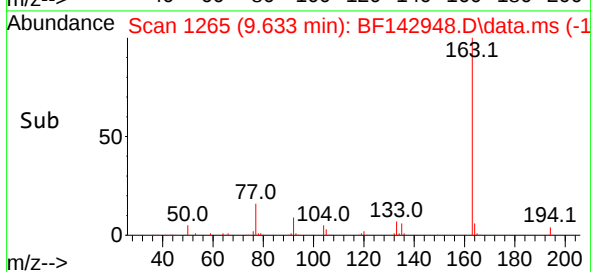
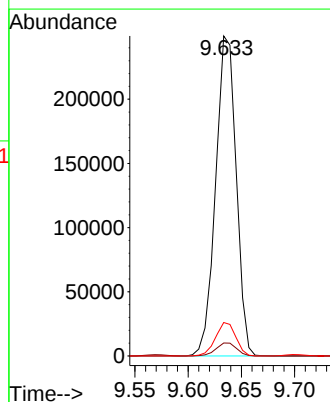
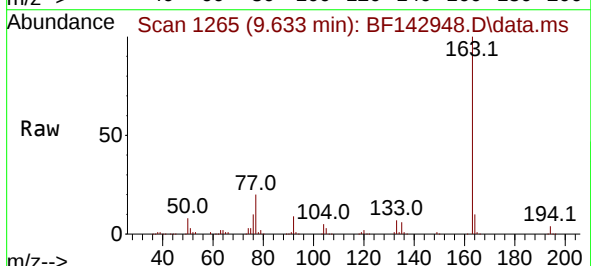
Tgt Ion:163 Resp: 334622

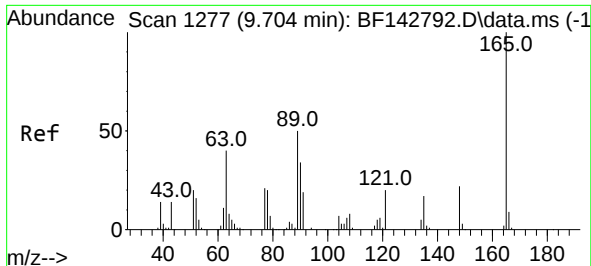
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 8.0 12.0

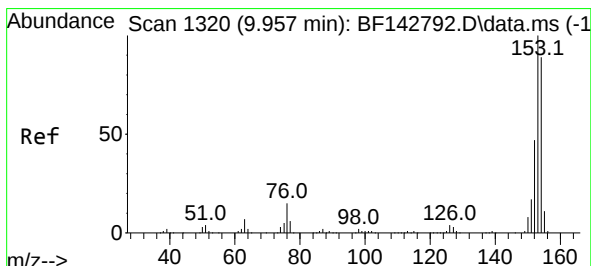
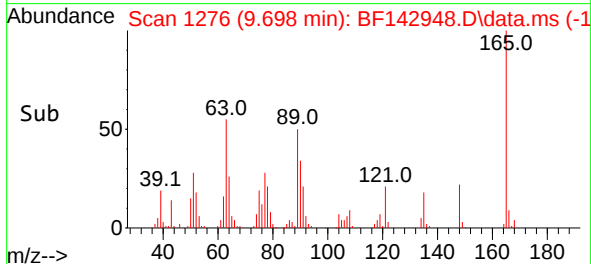
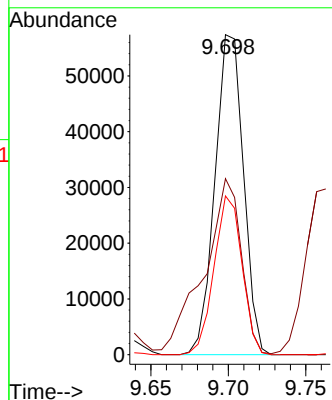
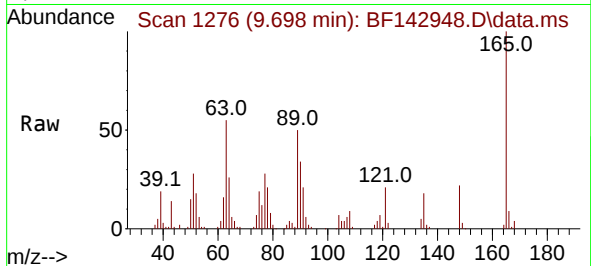




#51
2,6-Dinitrotoluene
Concen: 45.159 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

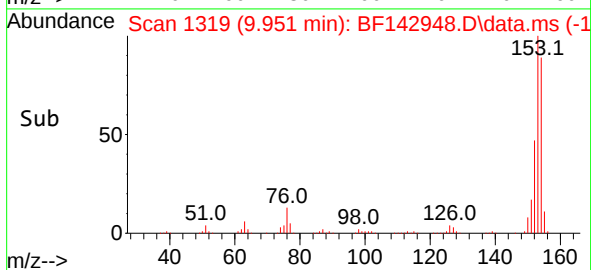
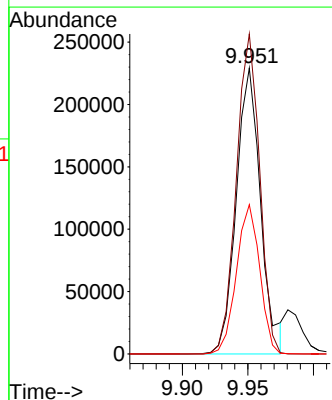
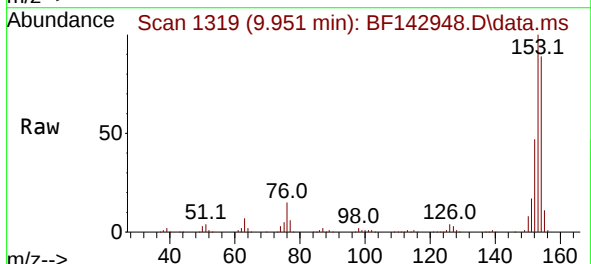
Instrument :
BNA_F
ClientSampleId :
PB168649BS

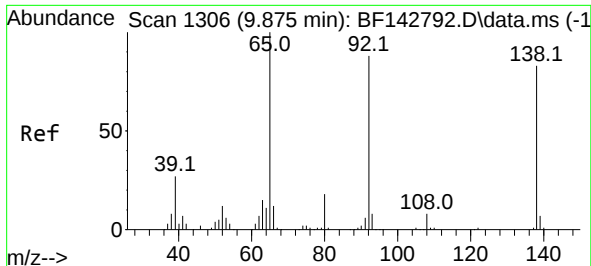
Tgt Ion:165 Resp: 73609
Ion Ratio Lower Upper
165 100
63 55.0 44.2 66.4
89 49.6 39.8 59.8



#52
Acenaphthene
Concen: 43.449 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

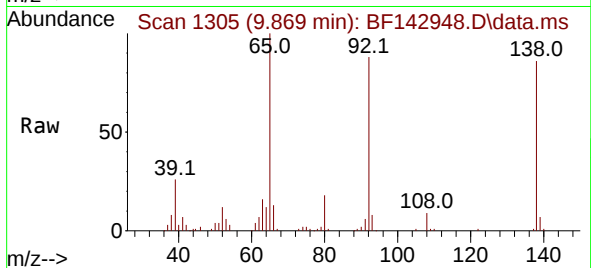
Tgt Ion:154 Resp: 296627
Ion Ratio Lower Upper
154 100
153 111.9 90.0 135.0
152 52.2 41.9 62.9



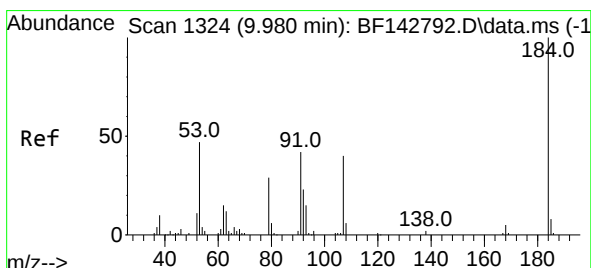
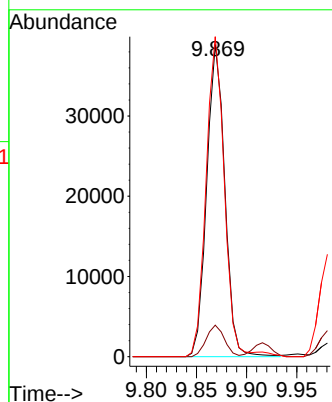
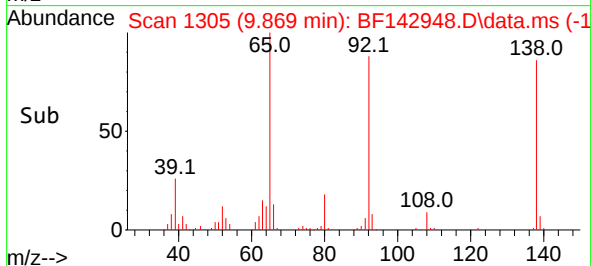


#53
3-Nitroaniline
Concen: 27.301 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Instrument :
BNA_F
ClientSampleId :
PB168649BS

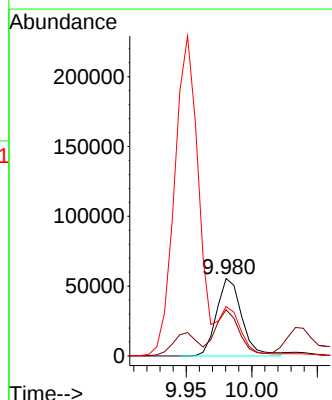
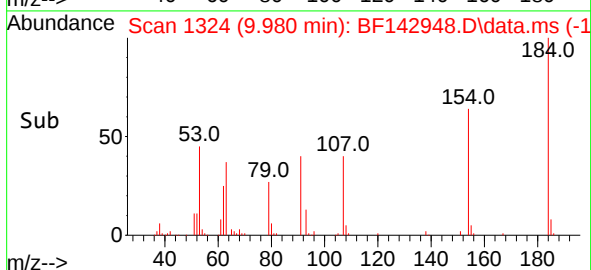
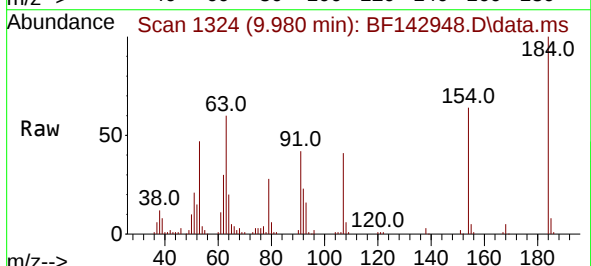


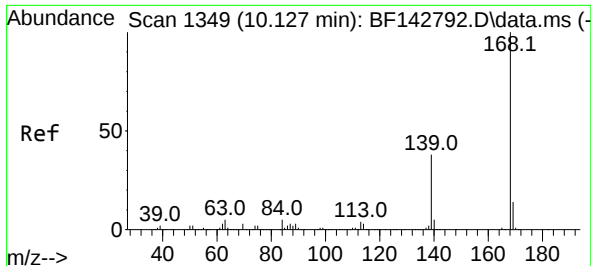
Tgt Ion:138 Resp: 48995
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 102.5 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 90.963 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:184 Resp: 74241
Ion Ratio Lower Upper
184 100
63 59.7 50.6 75.8
154 64.0 51.8 77.8

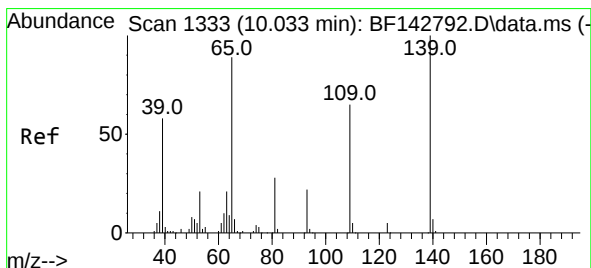
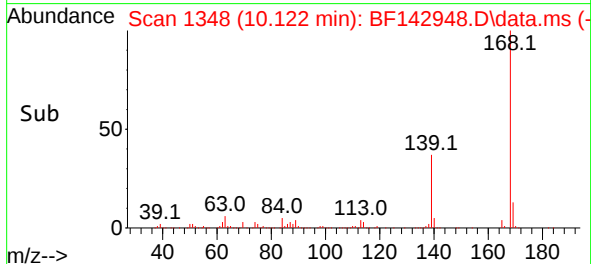
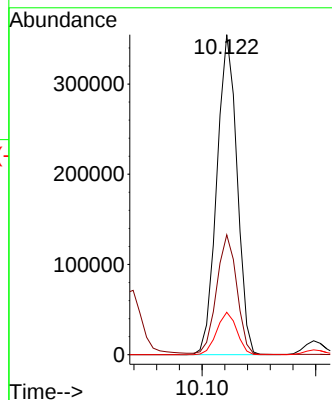
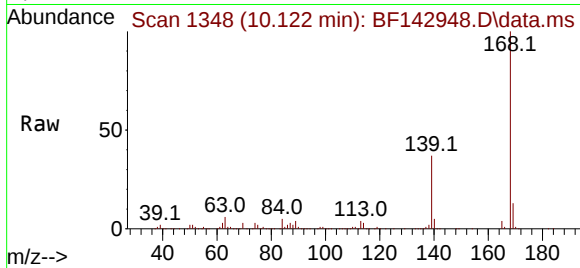




#55
Dibenzofuran
Concen: 44.830 ng
RT: 10.122 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

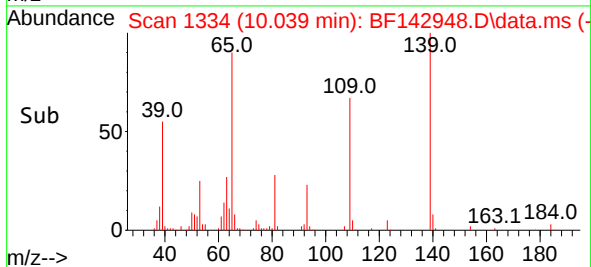
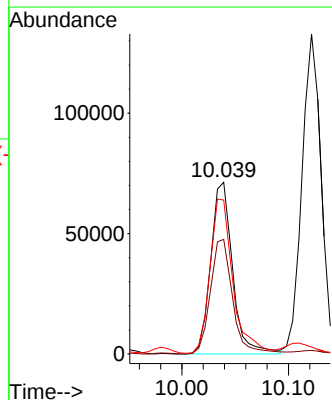
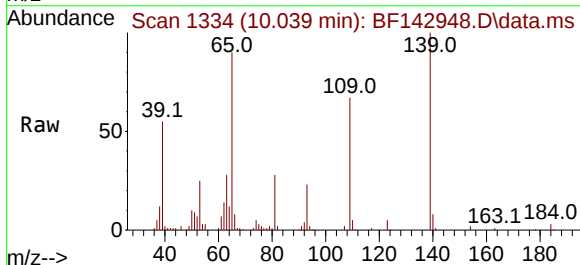
Instrument :
BNA_F
ClientSampleId :
PB168649BS

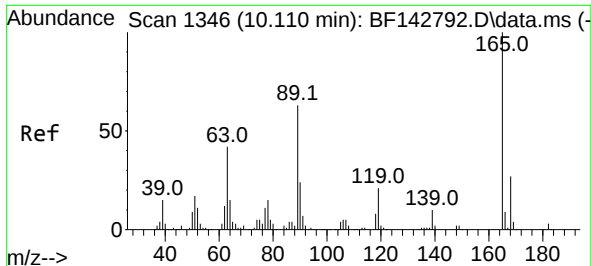
Tgt Ion:168 Resp: 438874
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 82.653 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:139 Resp: 101548
Ion Ratio Lower Upper
139 100
109 66.7 44.7 84.7
65 89.6 69.8 109.8

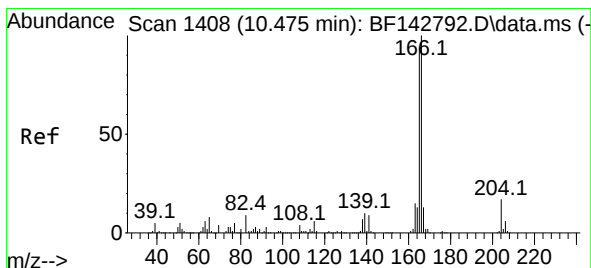
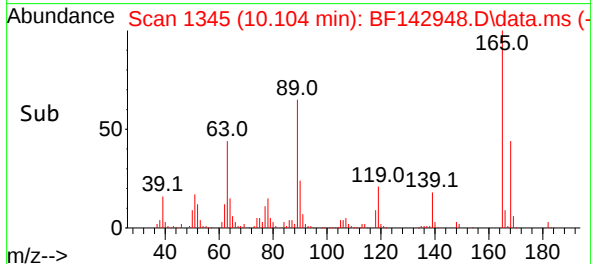
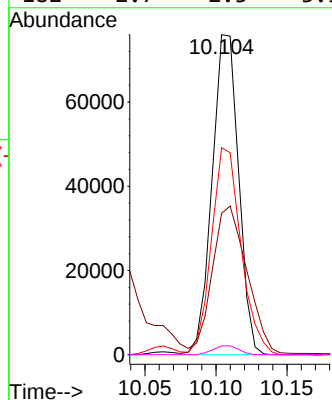
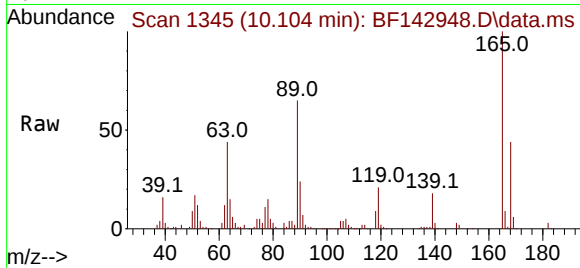




#57
2,4-Dinitrotoluene
Concen: 45.499 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

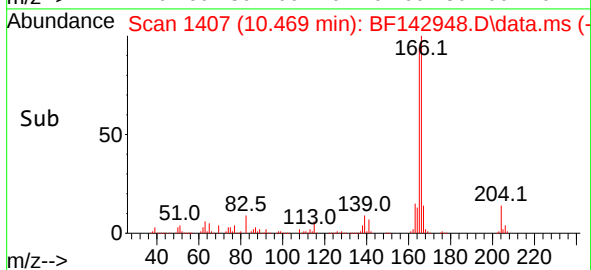
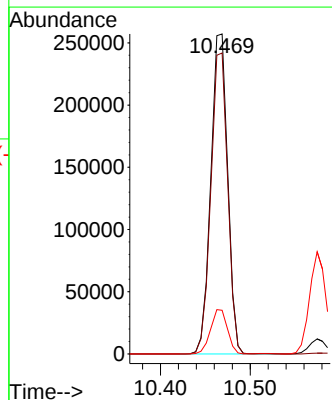
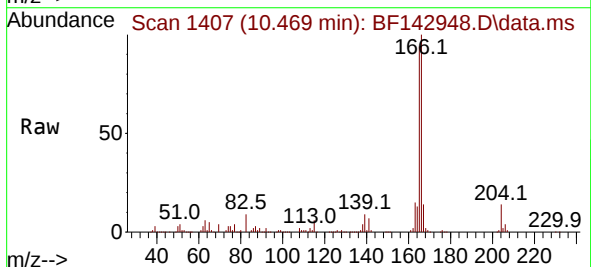
Instrument :
BNA_F
ClientSampleId :
PB168649BS

Tgt Ion:165 Resp: 98510
Ion Ratio Lower Upper
165 100
63 44.2 33.9 50.9
89 64.7 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 43.936 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

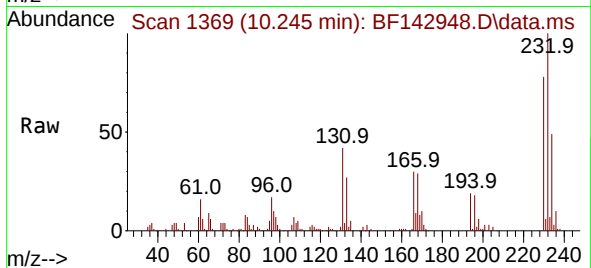
Tgt Ion:166 Resp: 335922
Ion Ratio Lower Upper
166 100
165 94.0 75.2 112.8
167 13.7 10.6 15.8



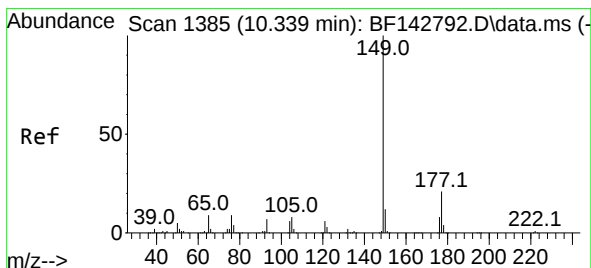
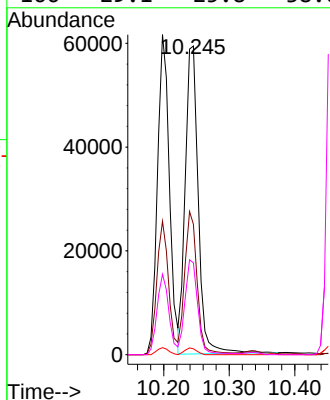
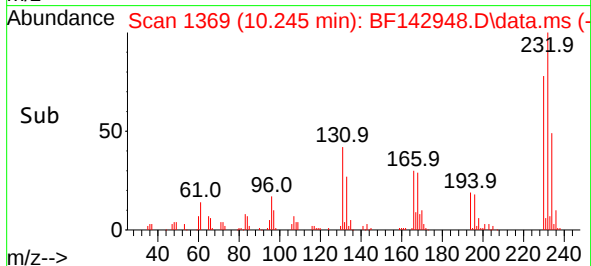


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.674 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

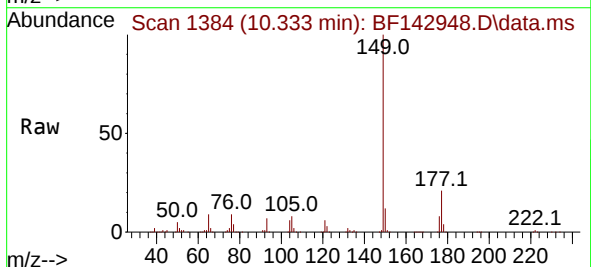
Instrument :
BNA_F
ClientSampleId :
PB168649BS



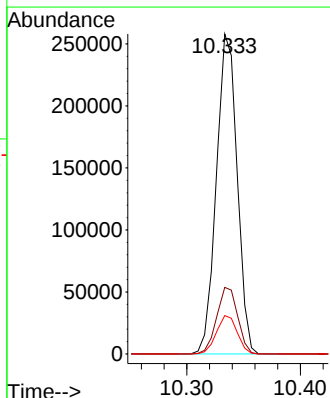
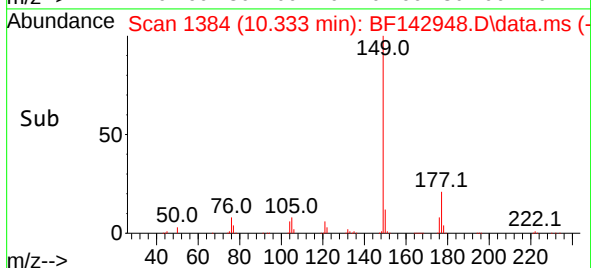
Tgt Ion:232 Resp: 81701
Ion Ratio Lower Upper
232 100
131 44.0 37.6 56.4
130 2.0 1.7 2.5
166 29.1 25.8 38.6

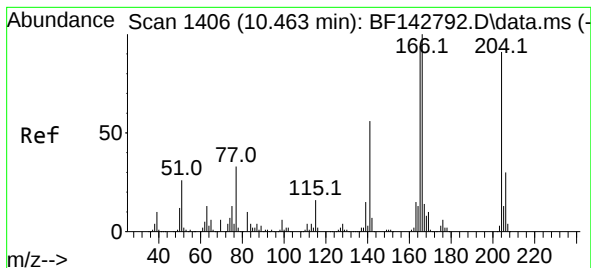


#60
Diethylphthalate
Concen: 45.085 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20



Tgt Ion:149 Resp: 328095
Ion Ratio Lower Upper
149 100
177 20.8 17.0 25.6
150 12.0 9.8 14.6

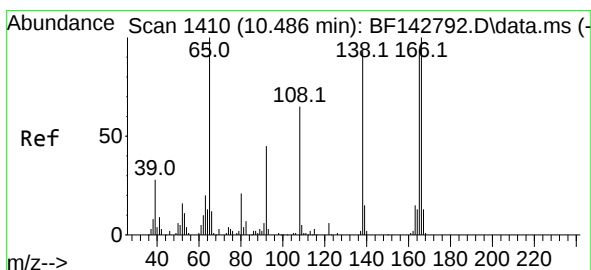
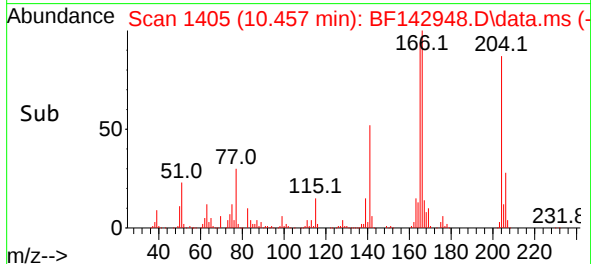
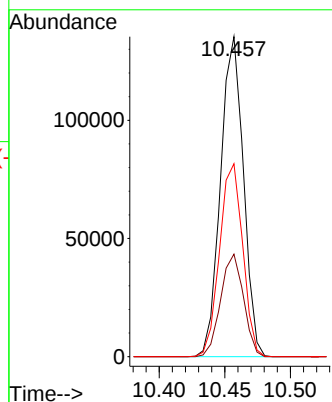
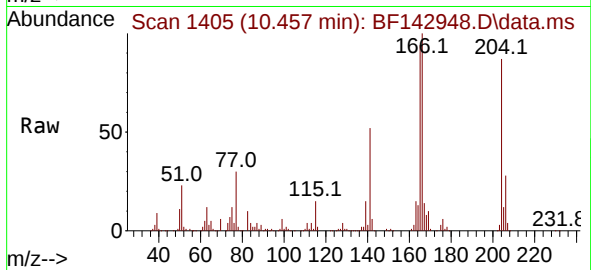




#61
4-Chlorophenyl-phenylether
Concen: 44.935 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

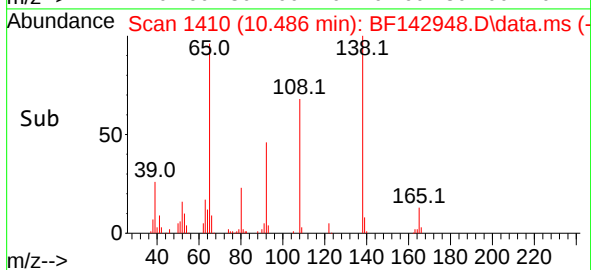
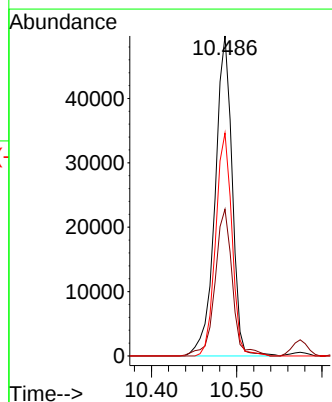
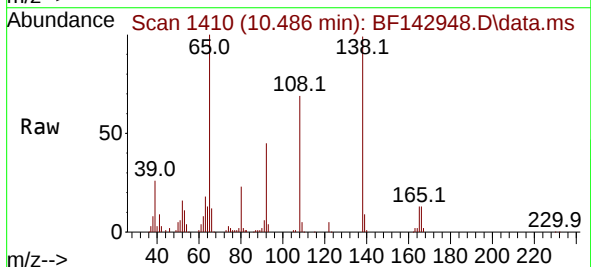
Instrument :
BNA_F
ClientSampleId :
PB168649BS

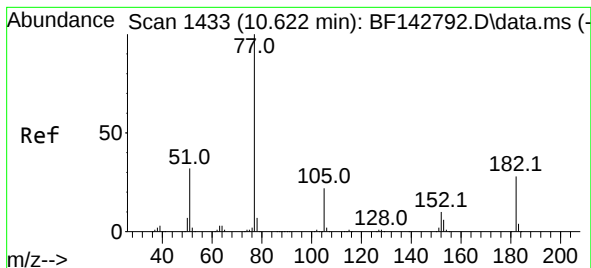
Tgt Ion:204 Resp: 163942
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 60.3 49.1 73.7



#62
4-Nitroaniline
Concen: 42.233 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:138 Resp: 69318
Ion Ratio Lower Upper
138 100
92 45.8 28.4 68.4
108 69.6 50.2 90.2





#63

Azobenzene

Concen: 42.920 ng

RT: 10.616 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

Tgt Ion: 77 Resp: 279159

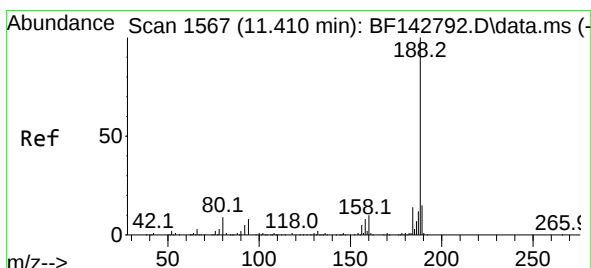
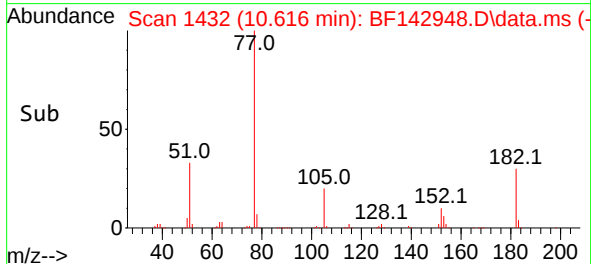
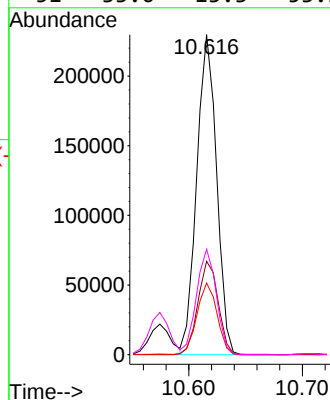
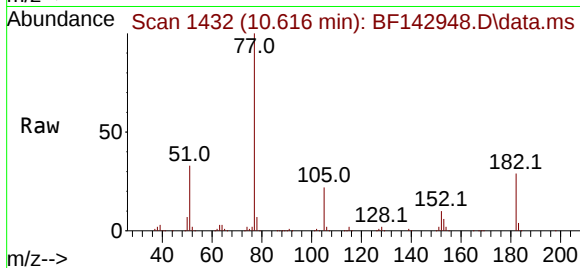
Ion Ratio Lower Upper

77 100

182 29.2 7.7 47.7

105 22.4 1.9 41.9

51 33.0 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: BF142948.D

Acq: 01 Jul 2025 14:20

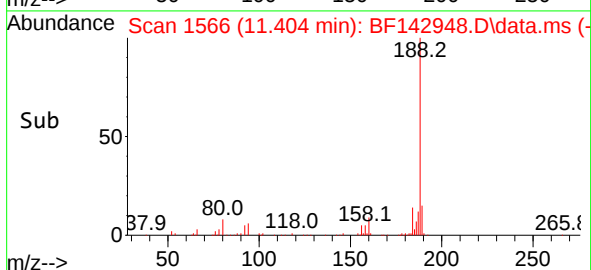
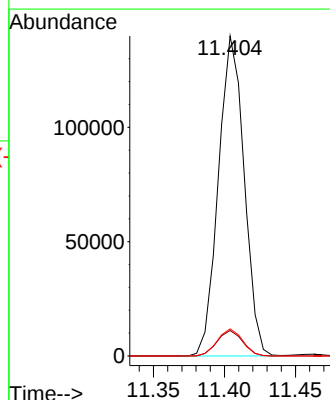
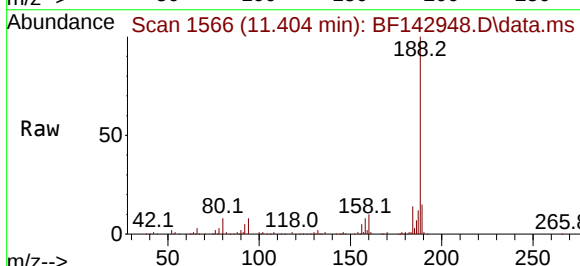
Tgt Ion: 188 Resp: 176464

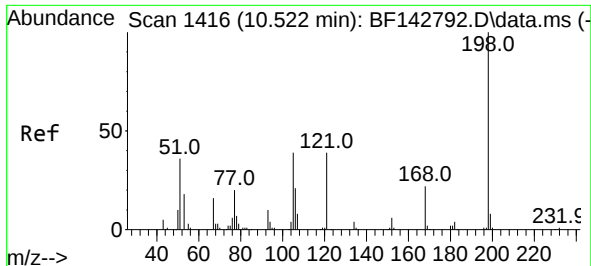
Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

80 8.4 6.9 10.3

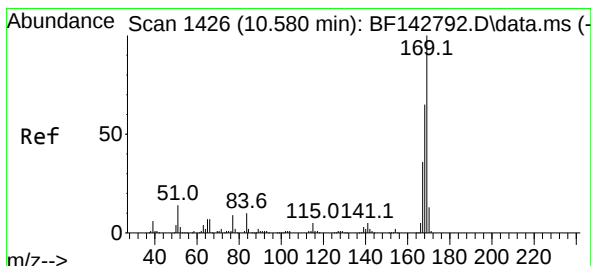
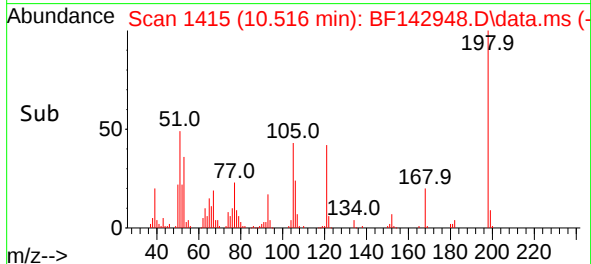
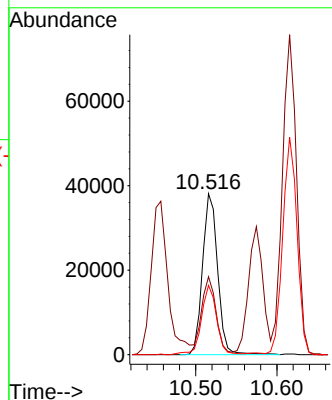
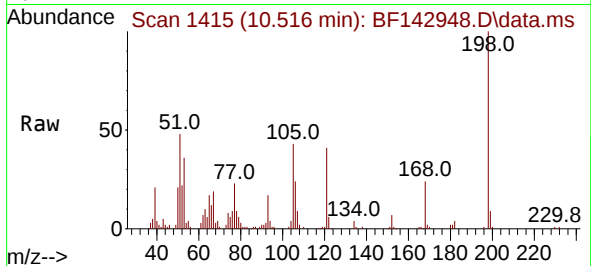




#65
4,6-Dinitro-2-methylphenol
Concen: 46.069 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

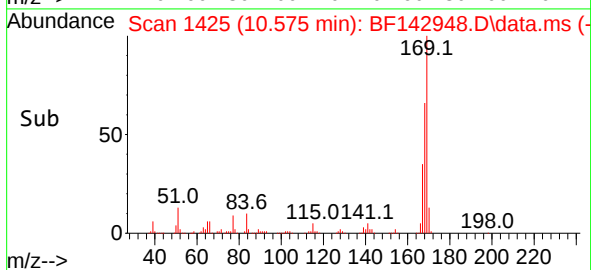
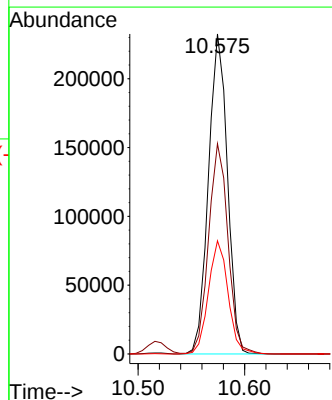
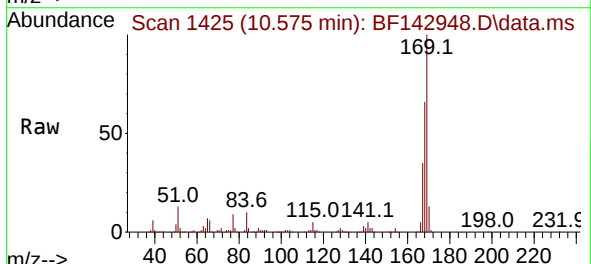
Instrument :
BNA_F
ClientSampleId :
PB168649BS

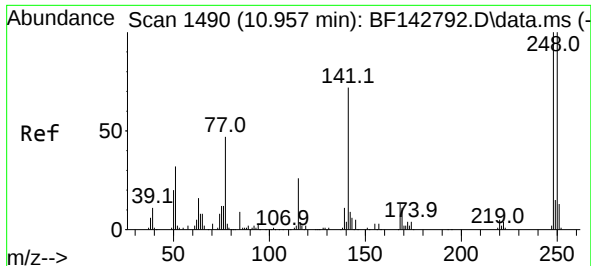
Tgt Ion:198 Resp: 49173
Ion Ratio Lower Upper
198 100
51 48.4 25.4 65.4
105 43.0 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 47.139 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:169 Resp: 288291
Ion Ratio Lower Upper
169 100
168 65.7 51.9 77.9
167 35.3 28.5 42.7

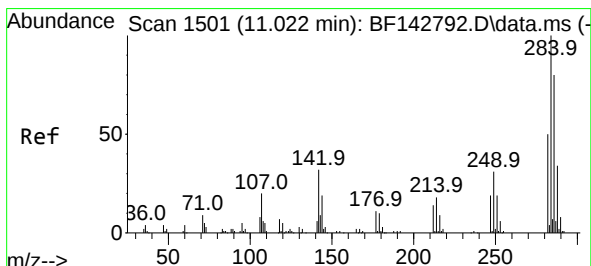
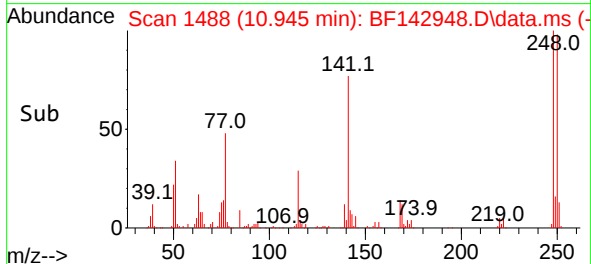
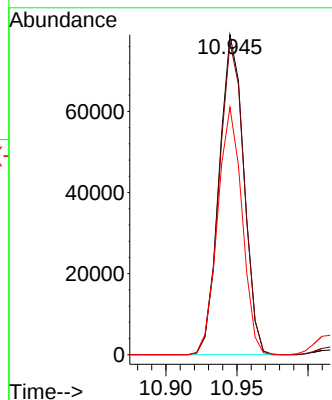
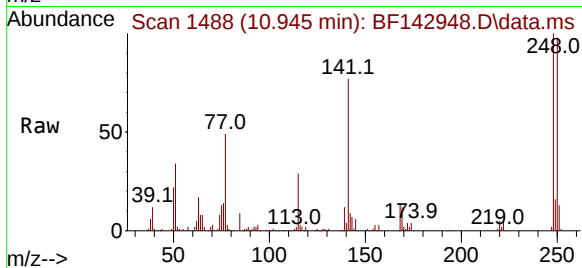




#67
4-Bromophenyl-phenylether
Concen: 47.521 ng
RT: 10.945 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

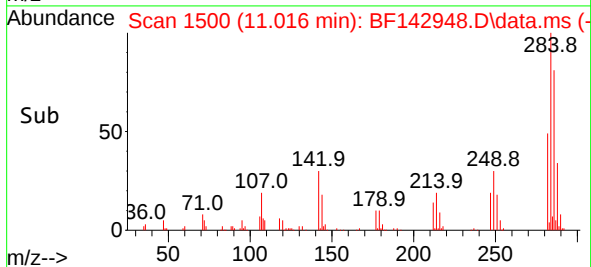
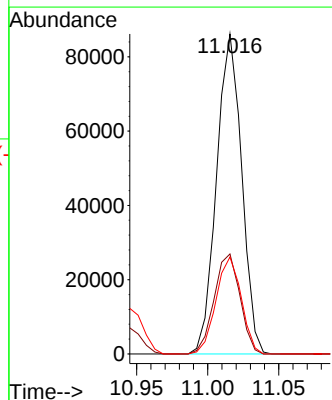
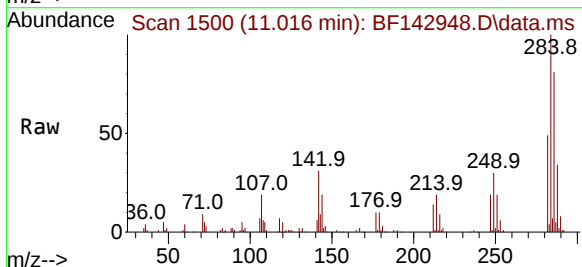
Instrument :
BNA_F
ClientSampleId :
PB168649BS

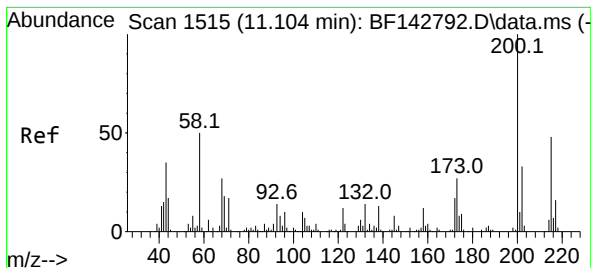
Tgt Ion:248 Resp: 95437
Ion Ratio Lower Upper
248 100
250 97.7 79.8 119.8
141 77.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 47.448 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:284 Resp: 105884
Ion Ratio Lower Upper
284 100
142 31.3 25.5 38.3
249 30.3 24.9 37.3





#69

Atrazine

Concen: 50.983 ng

RT: 11.098 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

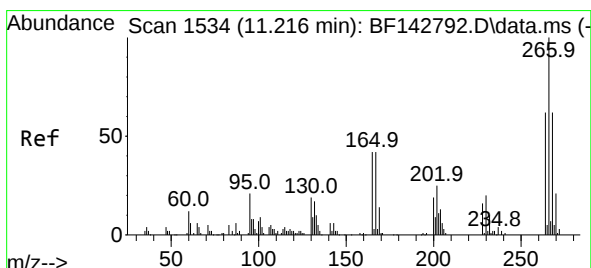
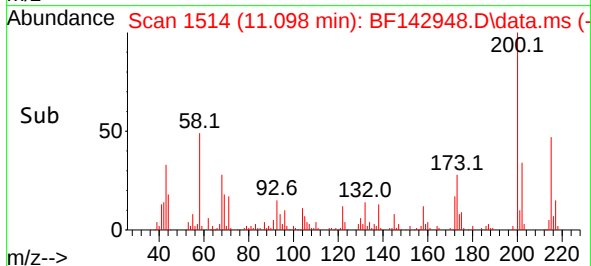
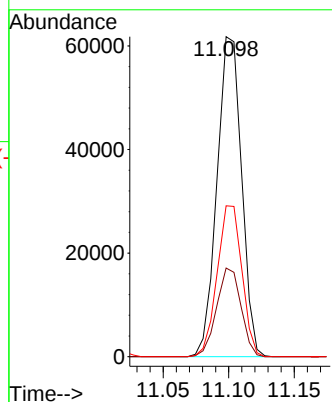
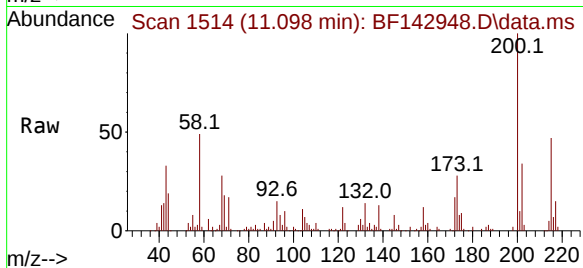
Tgt Ion:200 Resp: 80518

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

215 47.2 28.4 68.4



#70

Pentachlorophenol

Concen: 87.779 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

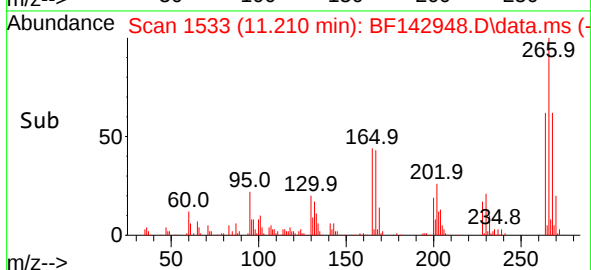
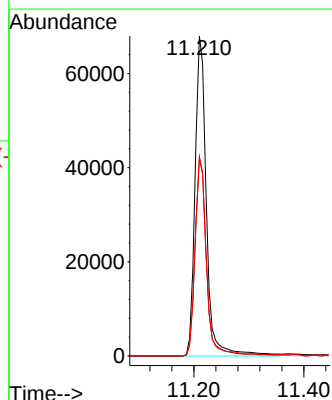
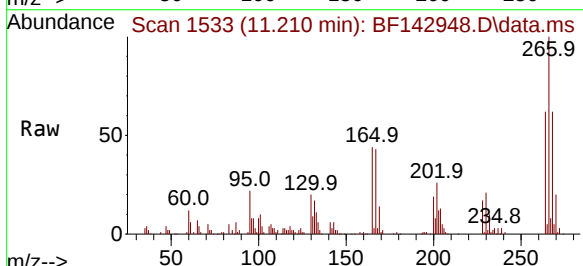
Tgt Ion:266 Resp: 97610

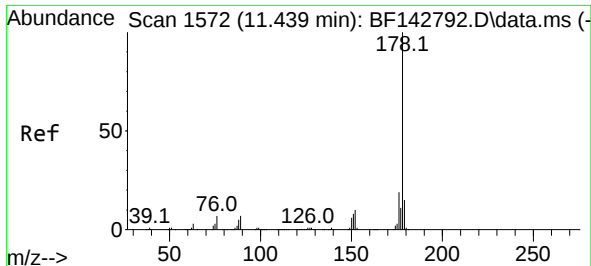
Ion Ratio Lower Upper

266 100

268 61.9 49.8 74.8

264 62.3 49.9 74.9

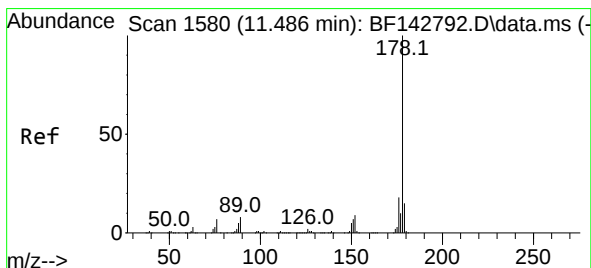
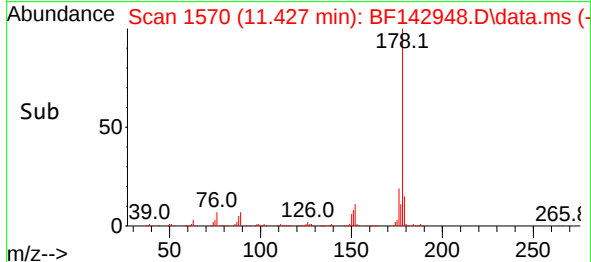
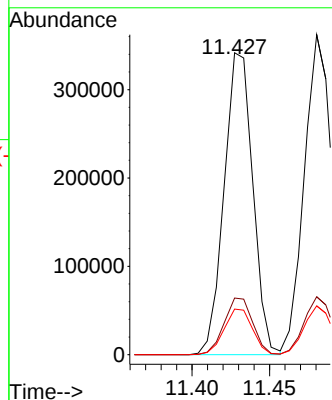
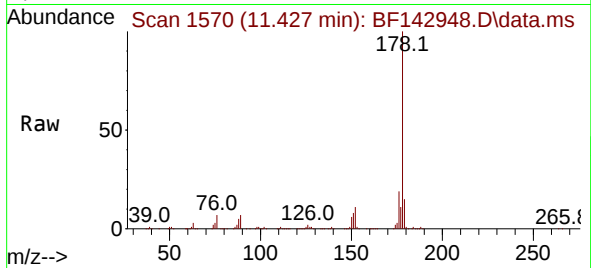




#71
Phenanthrene
Concen: 46.064 ng
RT: 11.427 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

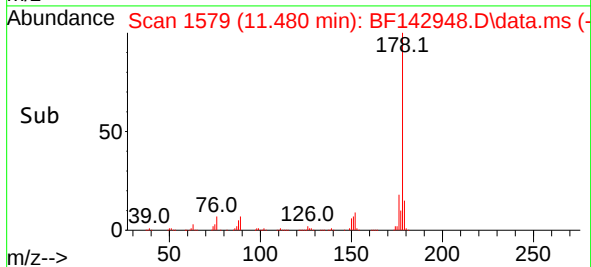
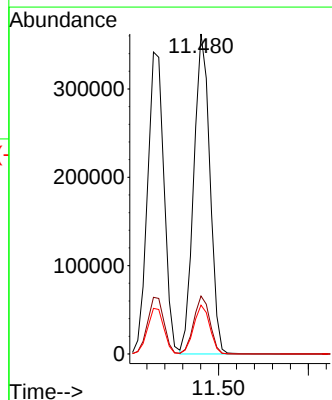
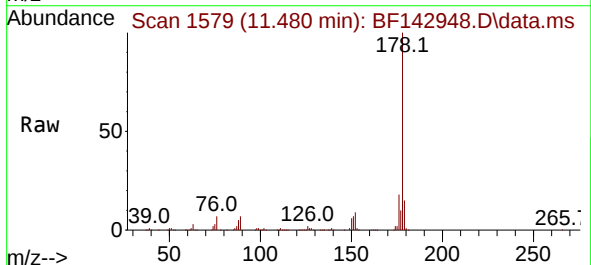
Instrument :
BNA_F
ClientSampleId :
PB168649BS

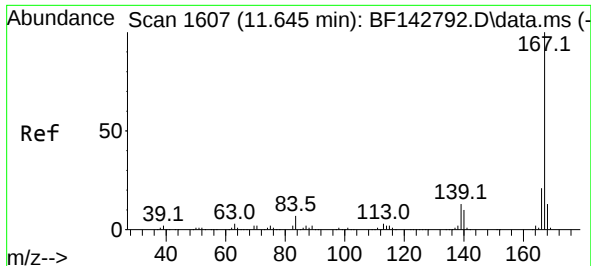
Tgt Ion:178 Resp: 440329
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.1 12.0 18.0



#72
Anthracene
Concen: 46.122 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

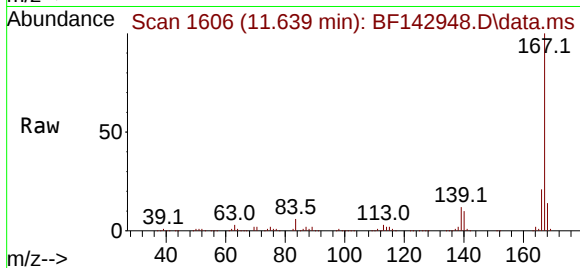
Tgt Ion:178 Resp: 452166
Ion Ratio Lower Upper
178 100
176 18.1 14.6 21.8
179 15.2 12.4 18.6



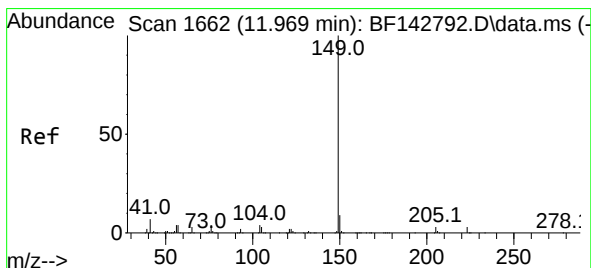
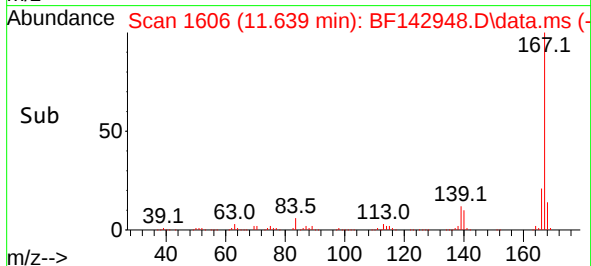
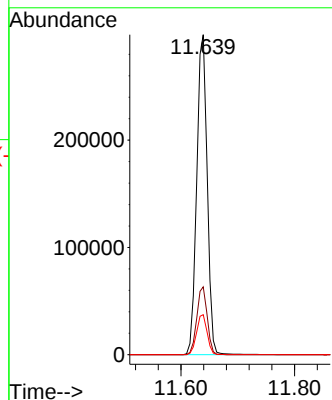


#73
 Carbazole
 Concen: 45.425 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142948.D
 Acq: 01 Jul 2025 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB168649BS

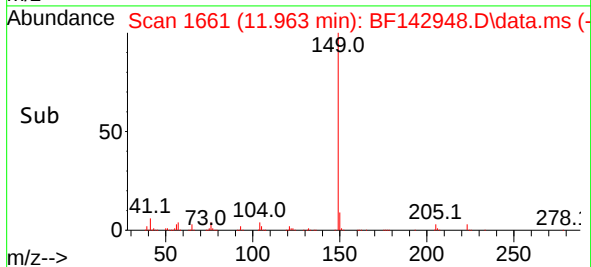
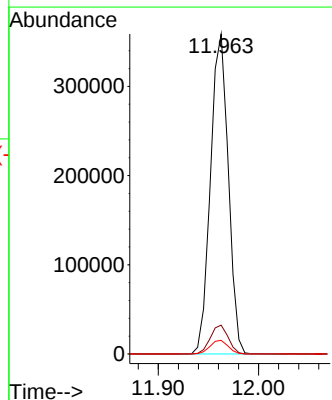
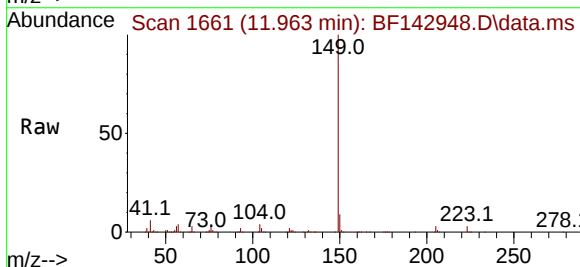


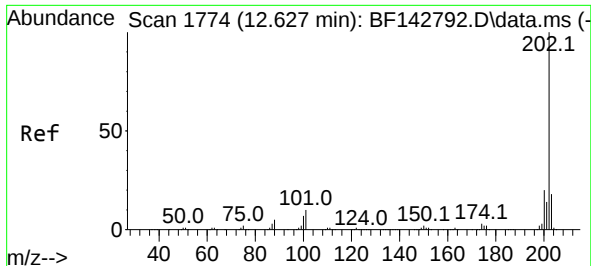
Tgt Ion:167 Resp: 384308
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 50.228 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142948.D
 Acq: 01 Jul 2025 14:20

Tgt Ion:149 Resp: 442675
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.3 3.5 5.3

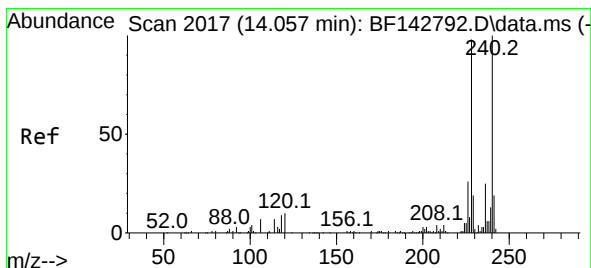
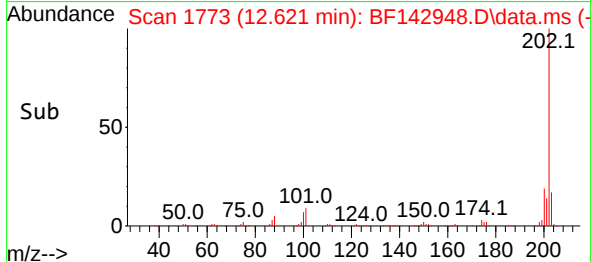
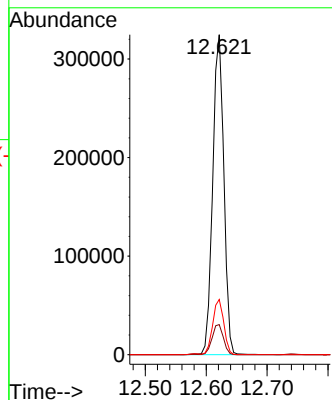
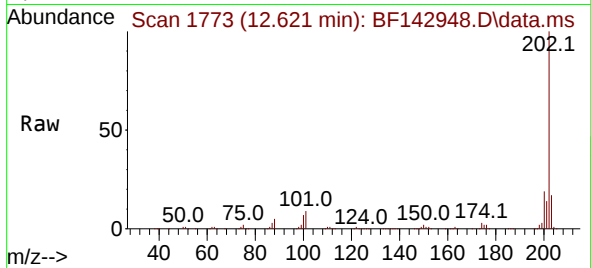




#75
Fluoranthene
Concen: 45.421 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

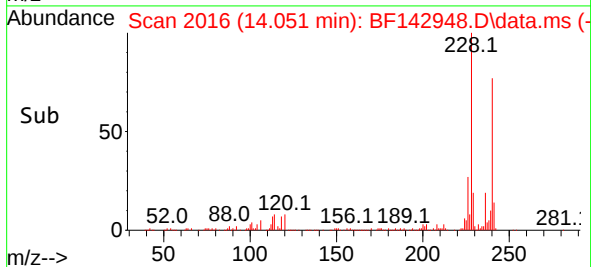
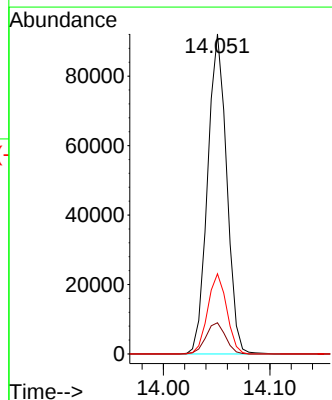
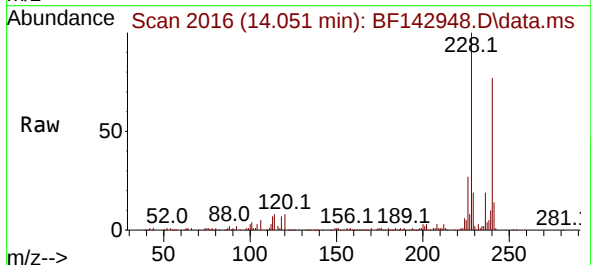
Instrument :
BNA_F
ClientSampleId :
PB168649BS

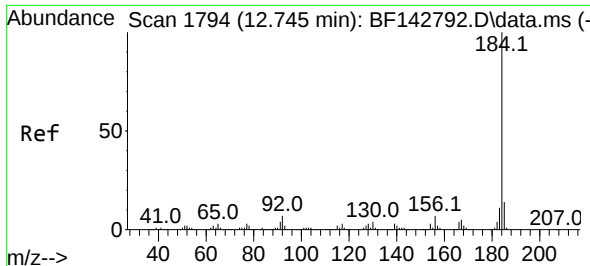
Tgt Ion:202 Resp: 412056
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:240 Resp: 114544
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.0 19.8 29.8

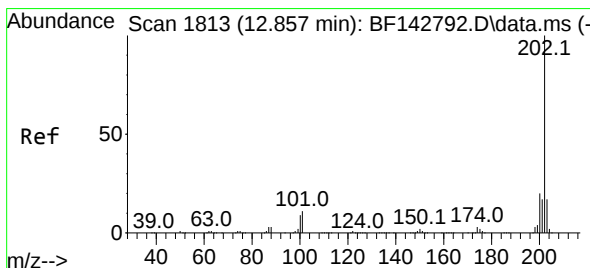
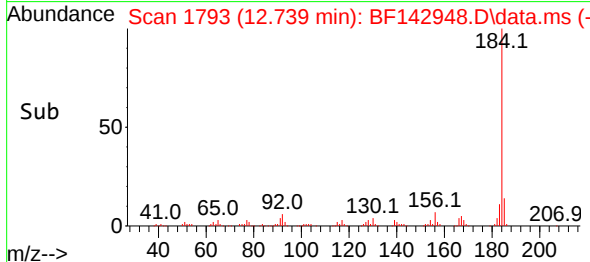
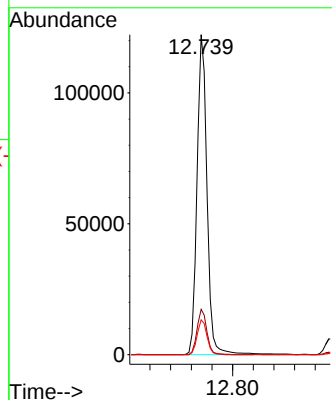
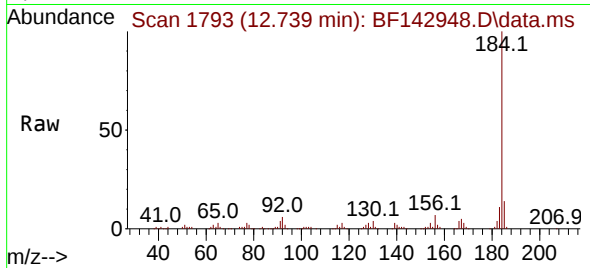




#77
Benzidine
Concen: 38.069 ng
RT: 12.739 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

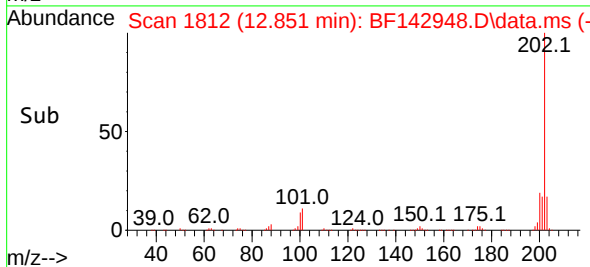
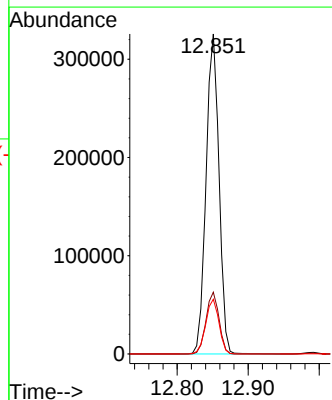
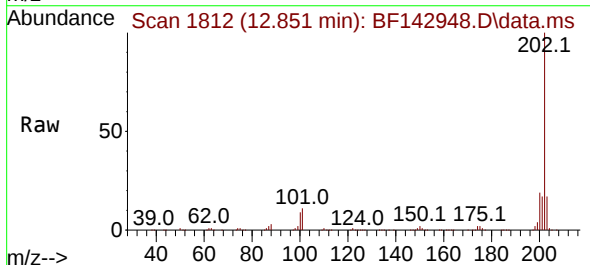
Instrument :
BNA_F
ClientSampleId :
PB168649BS

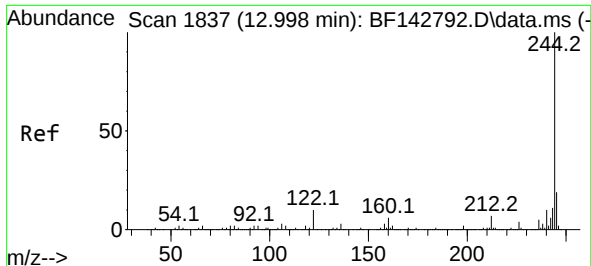
Tgt Ion:184 Resp: 163833
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 10.9 9.0 13.4



#78
Pyrene
Concen: 38.469 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

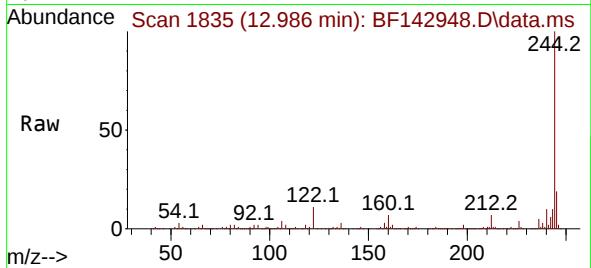
Tgt Ion:202 Resp: 413028
Ion Ratio Lower Upper
202 100
200 19.3 15.7 23.5
203 17.1 13.8 20.6



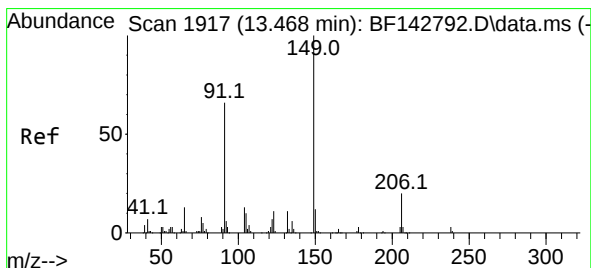
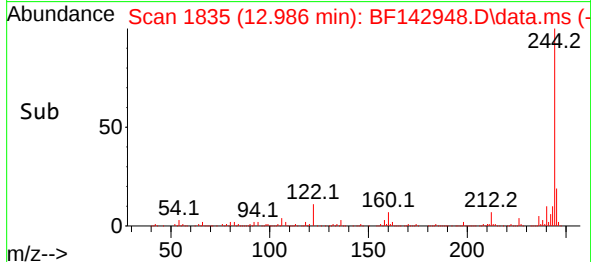
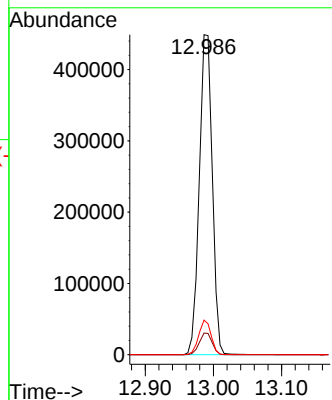


#79
 Terphenyl-d14
 Concen: 71.787 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF142948.D
 Acq: 01 Jul 2025 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB168649BS

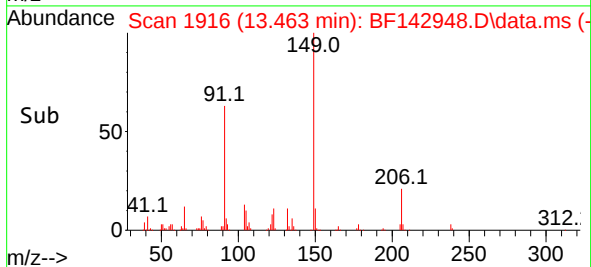
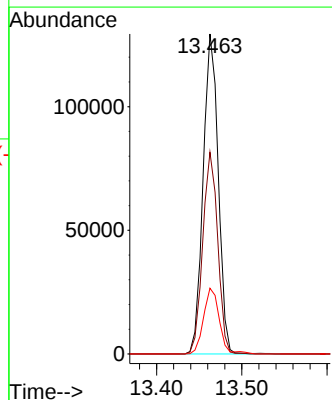
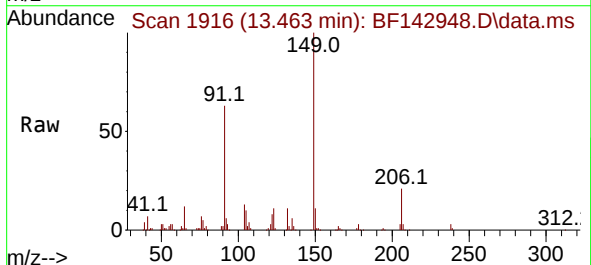


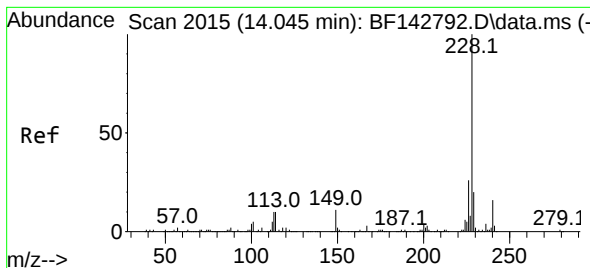
Tgt Ion:244 Resp: 595119
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.8 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 51.132 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF142948.D
 Acq: 01 Jul 2025 14:20

Tgt Ion:149 Resp: 159245
 Ion Ratio Lower Upper
 149 100
 91 63.1 52.9 79.3
 206 20.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 44.898 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

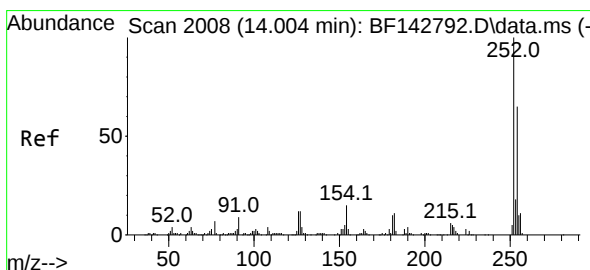
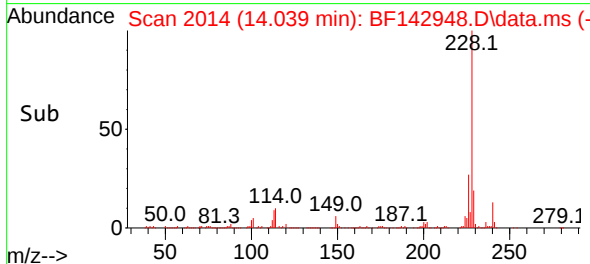
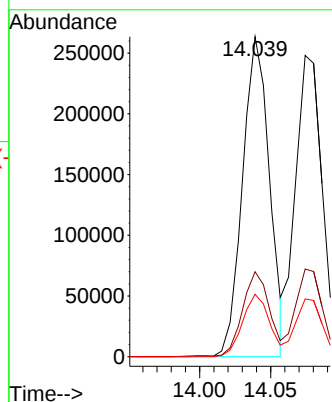
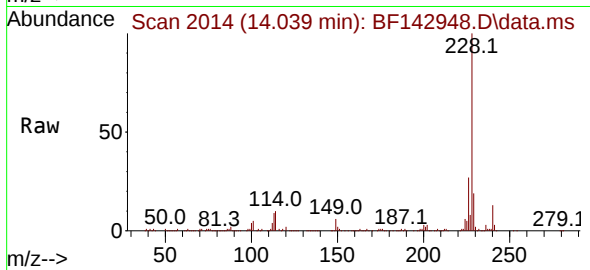
Tgt Ion:228 Resp: 346937

Ion Ratio Lower Upper

228 100

226 26.6 21.2 31.8

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 25.821 ng

RT: 13.998 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

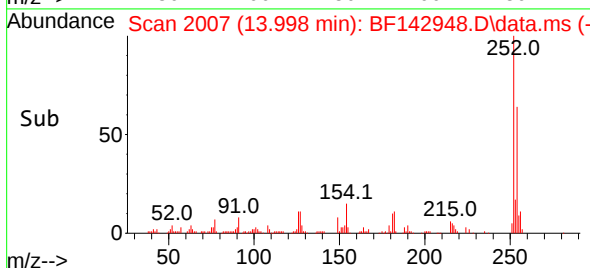
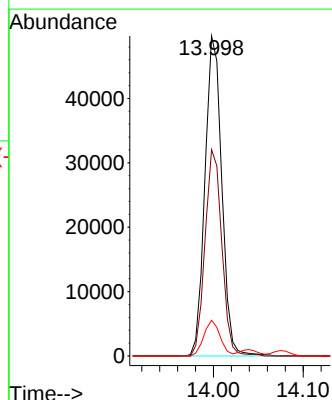
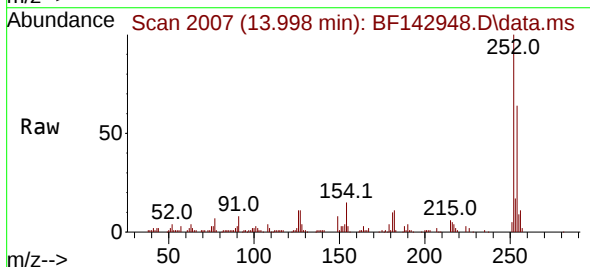
Tgt Ion:252 Resp: 64718

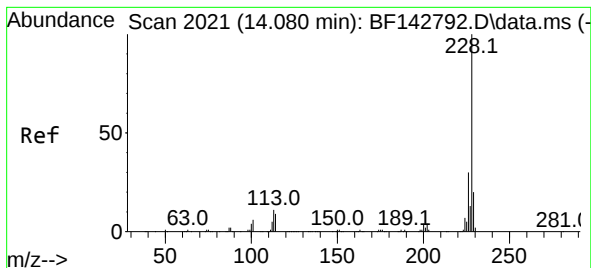
Ion Ratio Lower Upper

252 100

254 64.5 51.7 77.5

126 11.1 9.4 14.2





#83

Chrysene

Concen: 47.053 ng

RT: 14.074 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

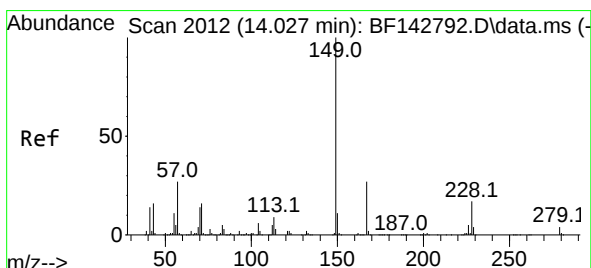
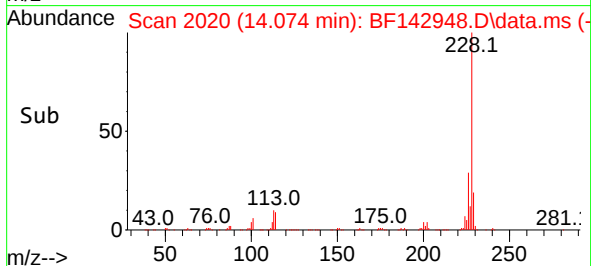
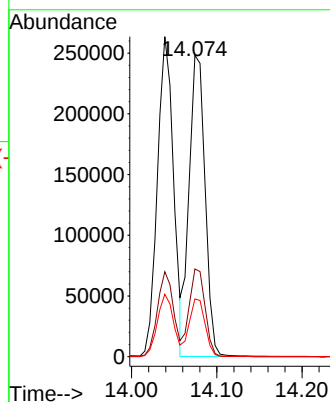
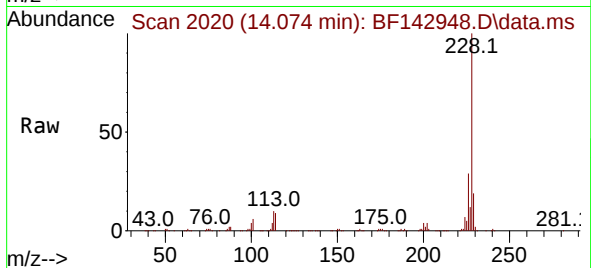
Tgt Ion:228 Resp: 324437

Ion Ratio Lower Upper

228 100

226 29.1 23.7 35.5

229 19.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.913 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

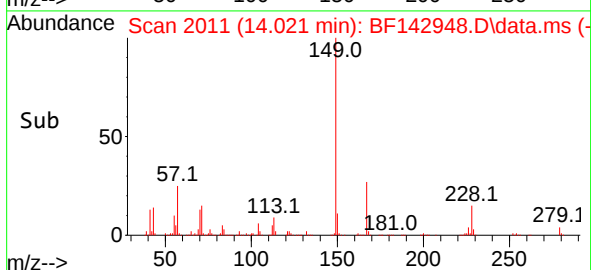
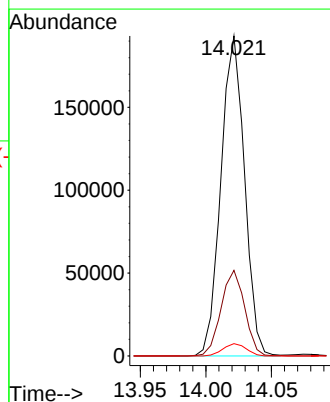
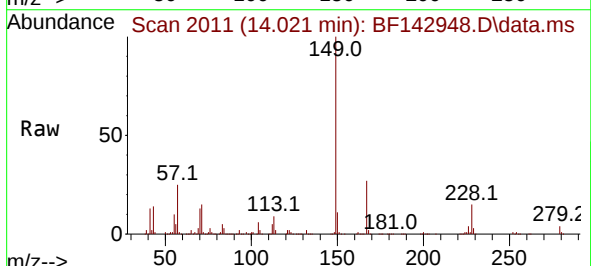
Tgt Ion:149 Resp: 241584

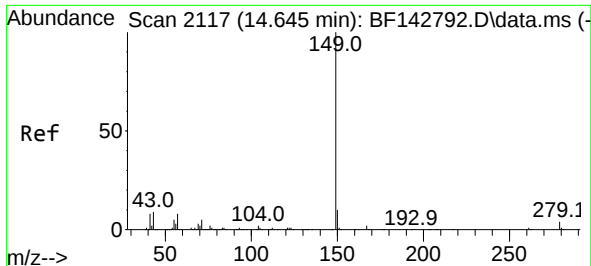
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.9 3.0 4.6

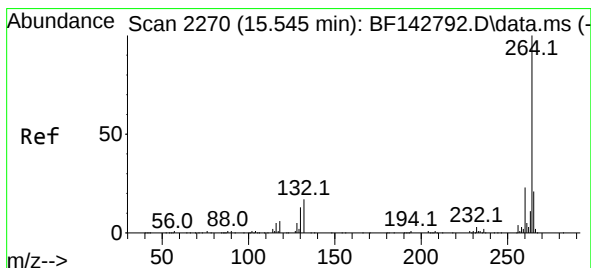
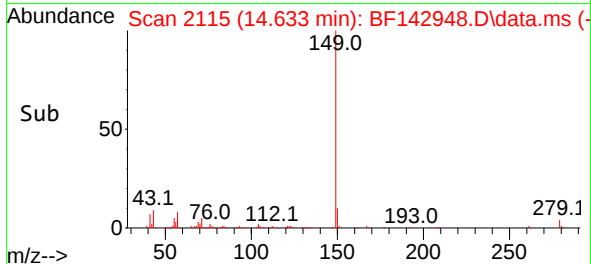
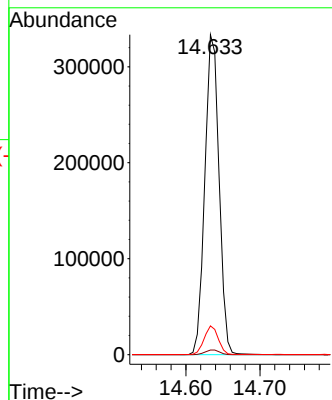
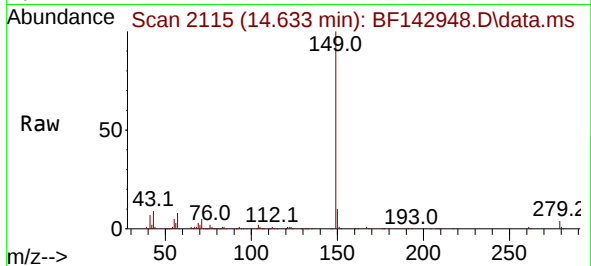




#85
Di-n-octyl phthalate
Concen: 52.559 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

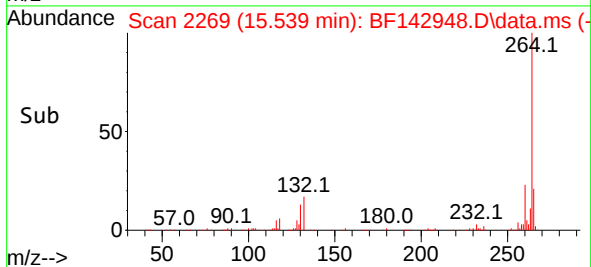
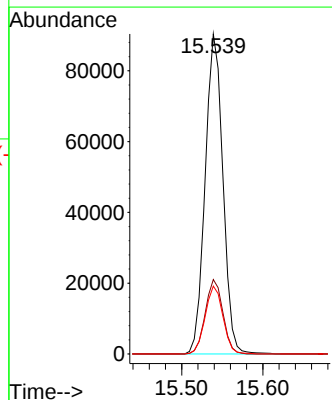
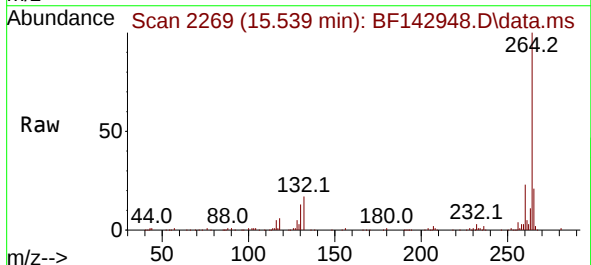
Instrument :
BNA_F
ClientSampleId :
PB168649BS

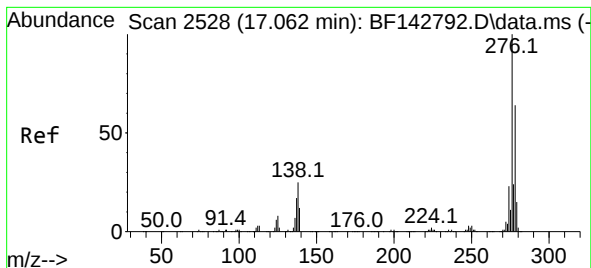
Tgt Ion:149 Resp: 444091
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.8 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:264 Resp: 137043
Ion Ratio Lower Upper
264 100
260 23.3 18.1 27.1
265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.884 ng

RT: 17.056 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

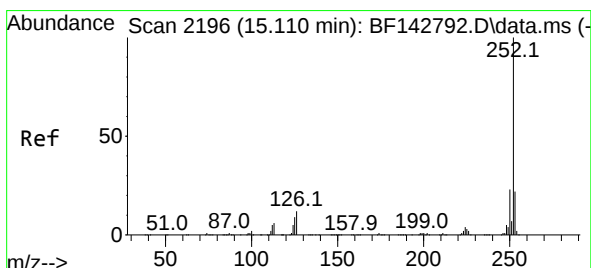
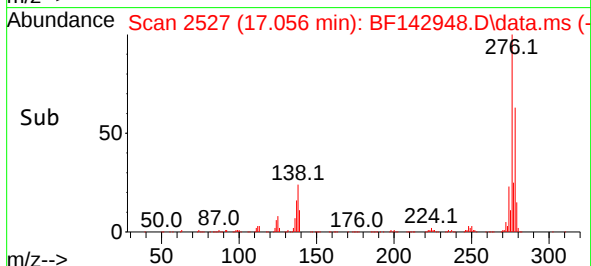
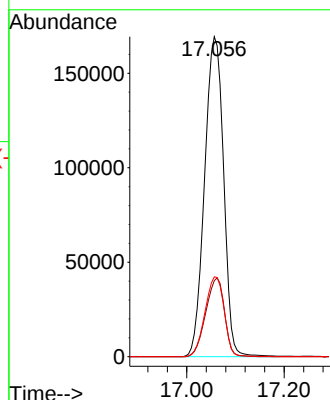
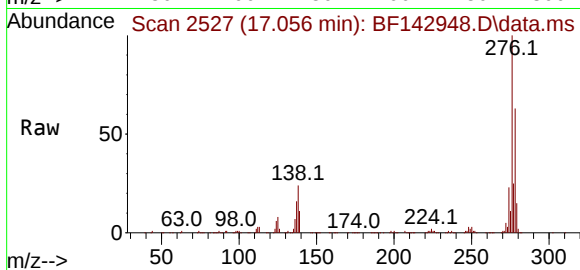
Tgt Ion:276 Resp: 458083

Ion Ratio Lower Upper

276 100

138 24.2 20.2 30.4

277 25.1 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 45.522 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

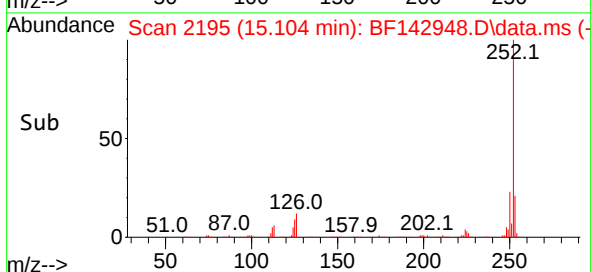
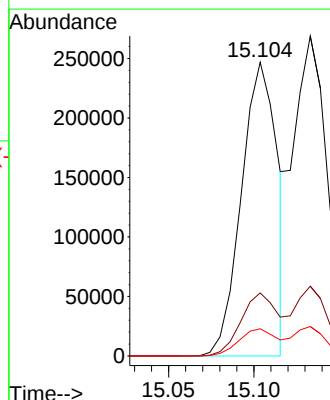
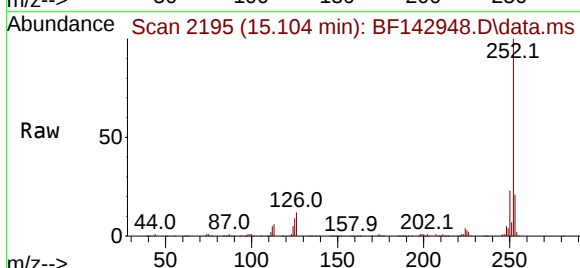
Tgt Ion:252 Resp: 360985

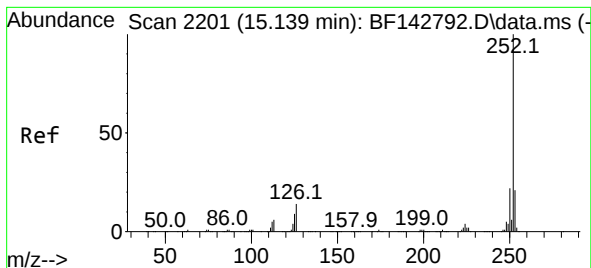
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 50.257 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

Instrument :

BNA_F

ClientSampleId :

PB168649BS

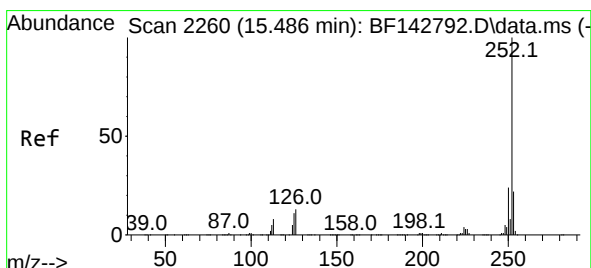
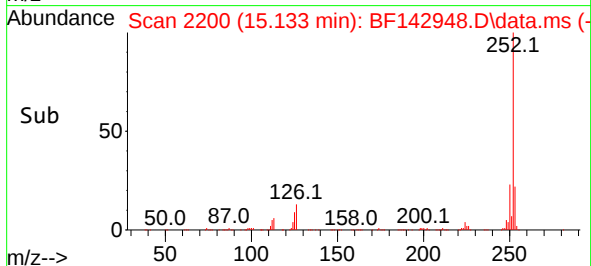
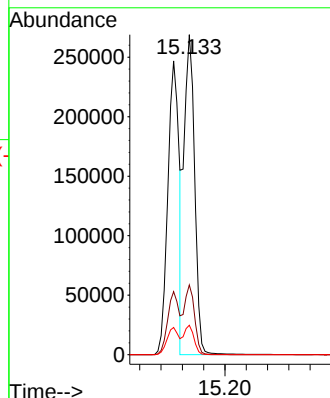
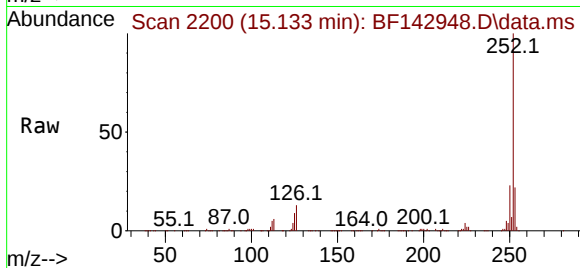
Tgt Ion:252 Resp: 372857

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 47.406 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142948.D

Acq: 01 Jul 2025 14:20

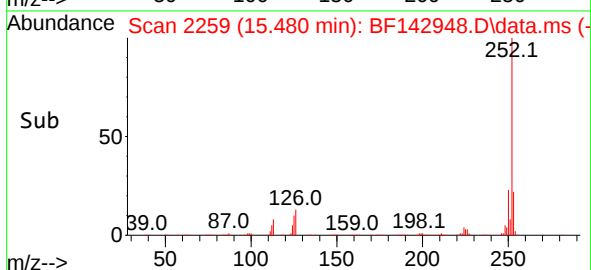
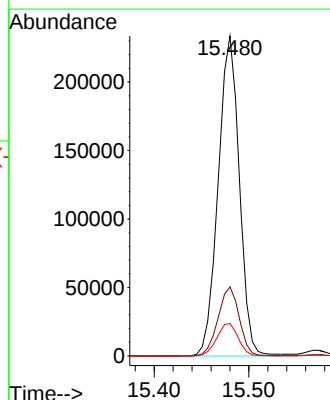
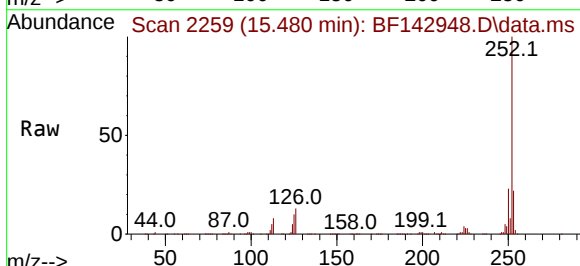
Tgt Ion:252 Resp: 363172

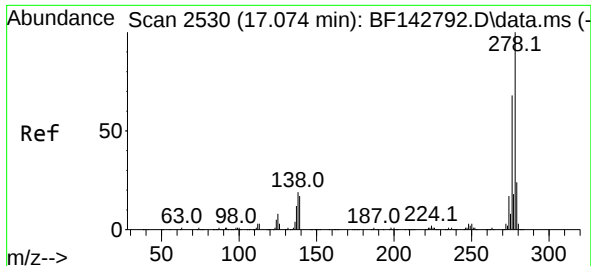
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.2 8.6 12.8

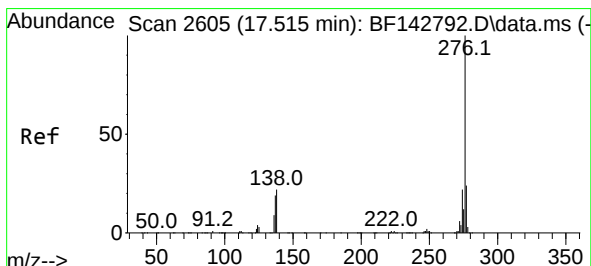
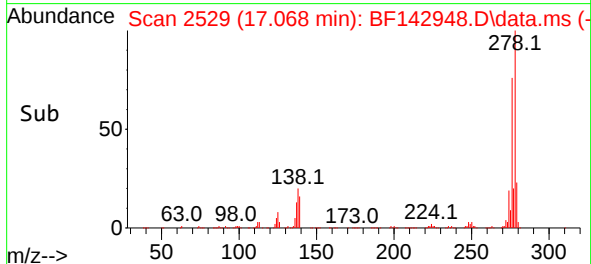
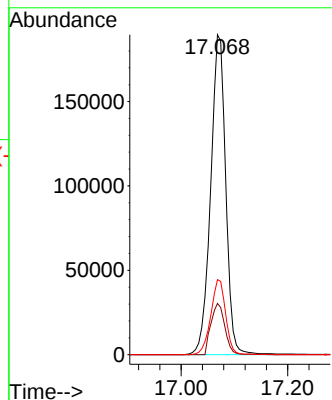
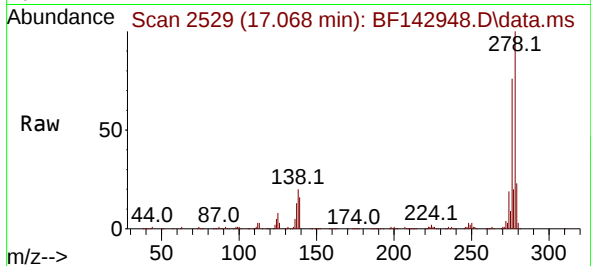




#91
Dibenzo(a,h)anthracene
Concen: 44.025 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Instrument :
BNA_F
ClientSampleId :
PB168649BS

Tgt Ion:278 Resp: 373393
Ion Ratio Lower Upper
278 100
139 16.0 13.5 20.3
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.606 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142948.D
Acq: 01 Jul 2025 14:20

Tgt Ion:276 Resp: 368794
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 20.4 17.6 26.4

