

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142943.D
 Acq On : 01 Jul 2025 11:48
 Operator : RC/JU
 Sample : PB168640BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168640BS

Quant Time: Jul 01 12:13:14 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	64389	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	240303	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	121631	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	190803	20.000	ng	0.00
76) Chrysene-d12	14.051	240	120825	20.000	ng	0.00
86) Perylene-d12	15.539	264	146230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	509044	131.625	ng	0.01
7) Phenol-d6	6.510	99	587230	128.701	ng	0.00
23) Nitrobenzene-d5	7.440	82	367728	83.936	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	163898	130.944	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	784435	84.723	ng	-0.01
79) Terphenyl-d14	12.992	244	641083	73.311	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	56991	36.843	ng	100
3) Pyridine	3.469	79	157941	40.728	ng	98
4) n-Nitrosodimethylamine	3.422	42	87864	43.815	ng	99
6) Aniline	6.540	93	202190	33.303	ng	93
8) 2-Chlorophenol	6.663	128	192602	46.168	ng	97
9) Benzaldehyde	6.428	77	107521	39.720	ng	98
10) Phenol	6.522	94	221109	43.595	ng	91
11) bis(2-Chloroethyl)ether	6.610	93	166897	46.042	ng	98
12) 1,3-Dichlorobenzene	6.816	146	211102	45.246	ng	100
13) 1,4-Dichlorobenzene	6.893	146	213971	45.455	ng	99
14) 1,2-Dichlorobenzene	7.045	146	203621	45.606	ng	99
15) Benzyl Alcohol	7.016	79	150522	45.633	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	246586	42.340	ng	87
17) 2-Methylphenol	7.128	107	142388	45.039	ng	99
18) Hexachloroethane	7.387	117	75429	45.812	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	121343	45.726	ng	98
20) 3+4-Methylphenols	7.281	107	178405	45.260	ng	94
22) Acetophenone	7.287	105	249102	47.008	ng	99
24) Nitrobenzene	7.457	77	183527	46.284	ng	98
25) Isophorone	7.698	82	319435	45.453	ng	100
26) 2-Nitrophenol	7.775	139	103628	47.975	ng	99
27) 2,4-Dimethylphenol	7.810	122	167930	44.882	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	203471	45.540	ng	100
29) 2,4-Dichlorophenol	8.016	162	155312	45.780	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	174783	46.853	ng	100
31) Naphthalene	8.181	128	540743	45.972	ng	100
32) Benzoic acid	7.928	122	79956	41.927	ng	95
33) 4-Chloroaniline	8.228	127	99334	20.769	ng	99
34) Hexachlorobutadiene	8.292	225	108131	47.387	ng	99
35) Caprolactam	8.598	113	42167	47.103	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	151002	44.786	ng	99
37) 2-Methylnaphthalene	8.875	142	335199	45.966	ng	100
38) 1-Methylnaphthalene	8.975	142	349136	46.250	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	170843	47.603	ng	99
41) Hexachlorocyclopentadiene	9.028	237	195162	95.825	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	106345	45.473	ng	100

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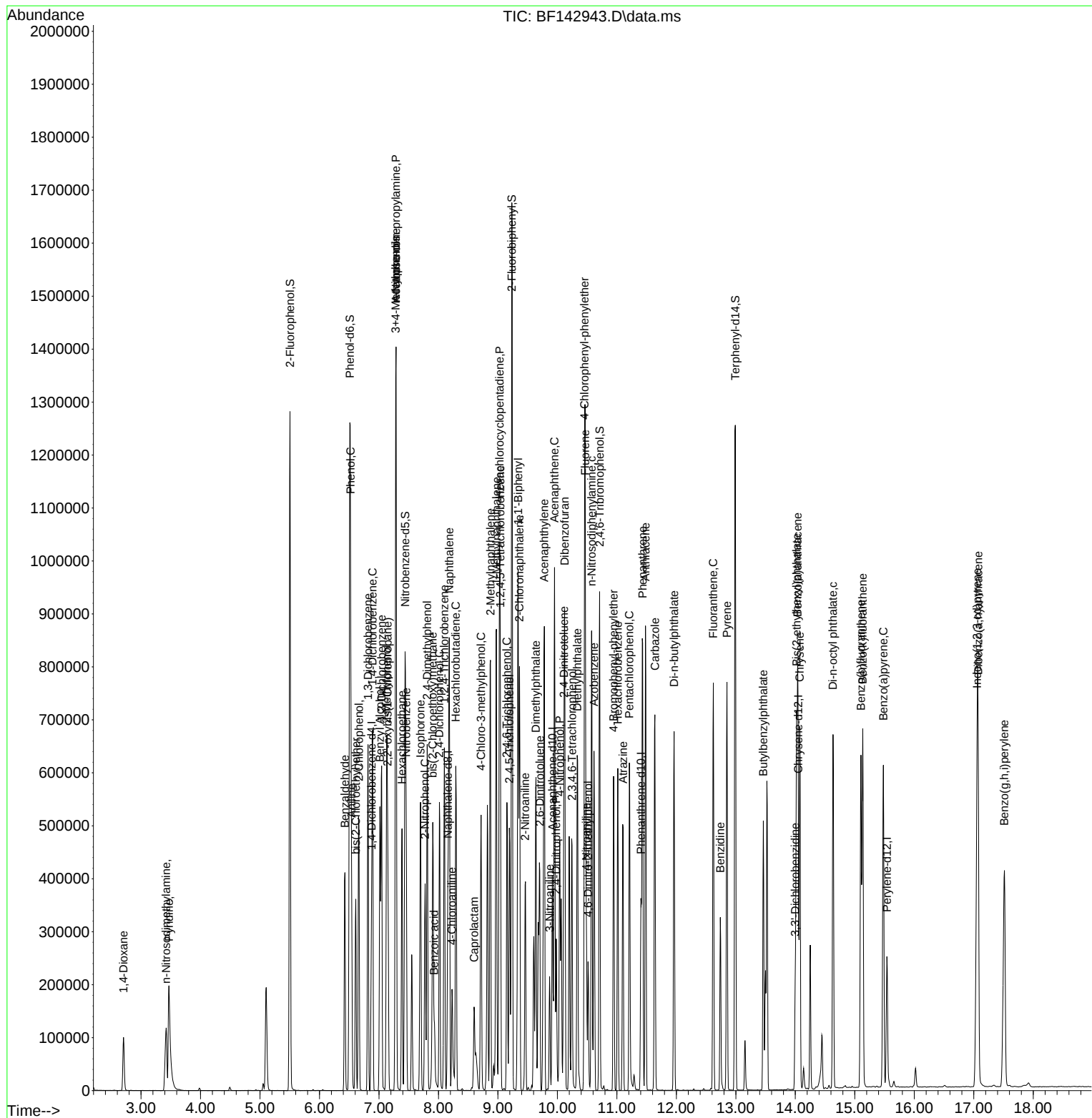
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	111111	45.134	ng	98
46) 1,1'-Biphenyl	9.339	154	449900	46.825	ng	99
47) 2-Chloronaphthalene	9.363	162	332445	46.107	ng	99
48) 2-Nitroaniline	9.457	65	92495	45.757	ng	99
49) Acenaphthylene	9.781	152	548502	46.211	ng	99
50) Dimethylphthalate	9.639	163	369857	46.976	ng	100
51) 2,6-Dinitrotoluene	9.704	165	82849	47.916	ng	93
52) Acenaphthene	9.951	154	323274	44.639	ng	99
53) 3-Nitroaniline	9.869	138	48883	25.678	ng	99
54) 2,4-Dinitrophenol	9.981	184	56981	65.816	ng	99
55) Dibenzofuran	10.122	168	475864	45.823	ng	100
56) 4-Nitrophenol	10.039	139	110735	84.967	ng	97
57) 2,4-Dinitrotoluene	10.110	165	108156	47.092	ng	96
58) Fluorene	10.469	166	371637	45.823	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	89820	45.264	ng	95
60) Diethylphthalate	10.333	149	356627	46.198	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	175429	45.329	ng	99
62) 4-Nitroaniline	10.486	138	78775	45.246	ng	97
63) Azobenzene	10.616	77	311803	45.192	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	48055	41.638	ng	97
66) n-Nitrosodiphenylamine	10.575	169	313612	47.425	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	104704	48.217	ng	96
68) Hexachlorobenzene	11.016	284	115836	48.007	ng	99
69) Atrazine	11.104	200	90407	52.943	ng	99
70) Pentachlorophenol	11.210	266	108454	90.201	ng	99
71) Phenanthrene	11.433	178	483823	46.810	ng	100
72) Anthracene	11.480	178	495206	46.716	ng	99
73) Carbazole	11.639	167	428241	46.814	ng	100
74) Di-n-butylphthalate	11.963	149	491012	51.525	ng	99
75) Fluoranthene	12.622	202	458096	46.701	ng	99
77) Benzidine	12.739	184	186436	41.069	ng	99
78) Pyrene	12.851	202	452768	39.978	ng	99
80) Butylbenzylphthalate	13.463	149	172246	52.431	ng	96
81) Benzo(a)anthracene	14.039	228	376068	46.138	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	57062	21.583	ng	99
83) Chrysene	14.074	228	348659	47.937	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	258596	54.710	ng	99
85) Di-n-octyl phthalate	14.633	149	471833	52.939	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	487839	43.799	ng	98
88) Benzo(b)fluoranthene	15.104	252	392127	46.342	ng	100
89) Benzo(k)fluoranthene	15.133	252	393673	49.729	ng	100
90) Benzo(a)pyrene	15.480	252	394177	48.221	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	404798	44.729	ng	98
92) Benzo(g,h,i)perylene	17.515	276	396879	43.979	ng	99

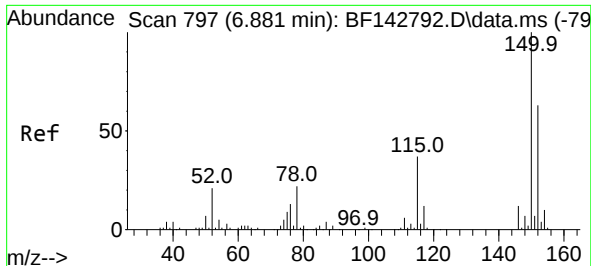
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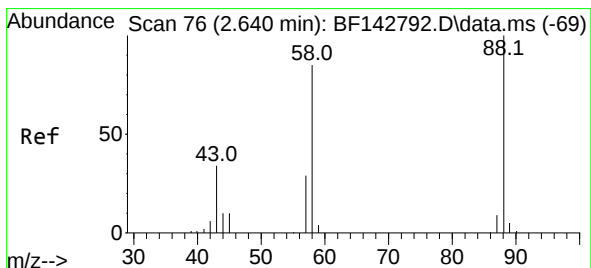
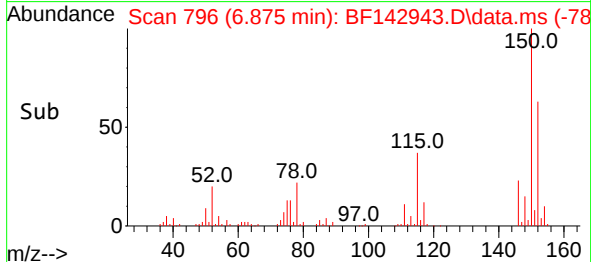
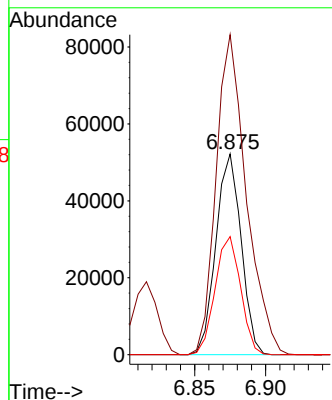
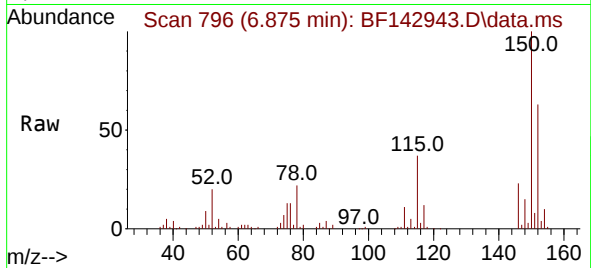




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142943.D
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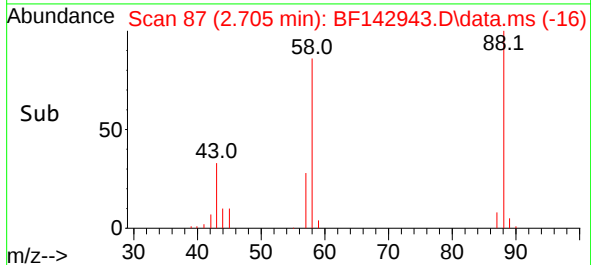
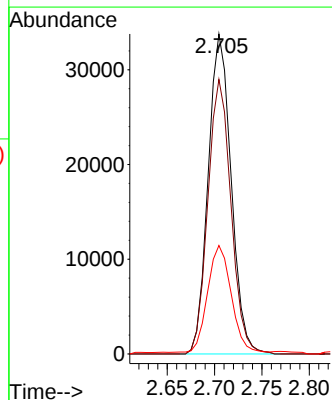
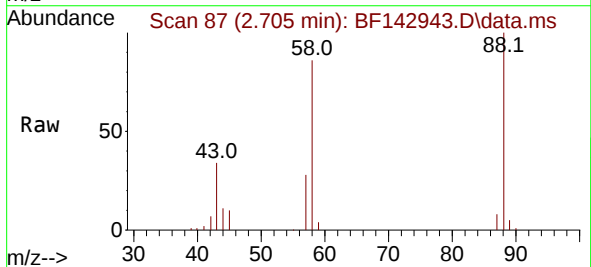
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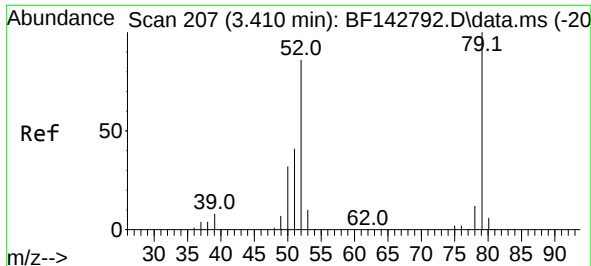
Tgt Ion:152 Resp: 64389
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.2 190.8
 115 58.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 36.843 ng
 RT: 2.705 min Scan# 87
 Delta R.T. 0.065 min
 Lab File: BF142943.D
 Acq: 01 Jul 2025 11:48

Tgt Ion: 88 Resp: 56991
 Ion Ratio Lower Upper
 88 100
 58 86.5 69.1 103.7
 43 34.0 27.4 41.2

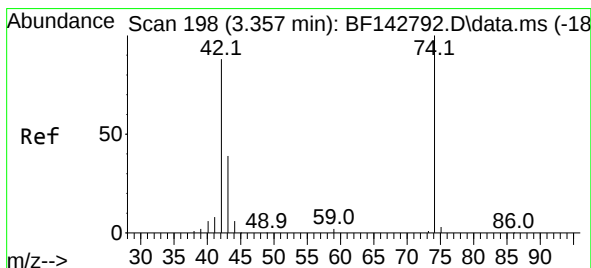
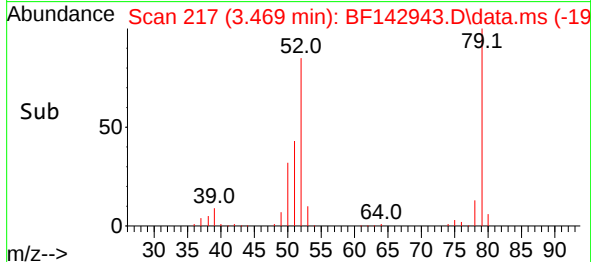
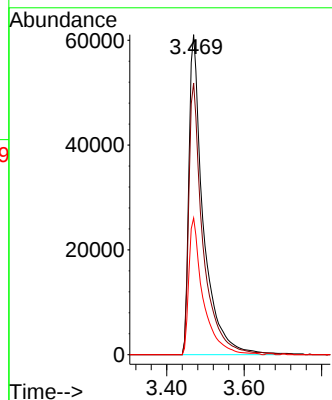
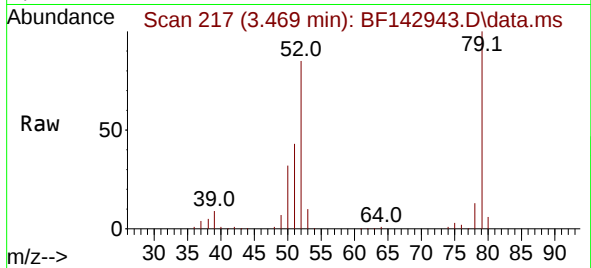




#3
 Pyridine
 Concen: 40.728 ng
 RT: 3.469 min Scan# 217
 Delta R.T. 0.059 min
 Lab File: BF142943.D
 Acq: 01 Jul 2025 11:48

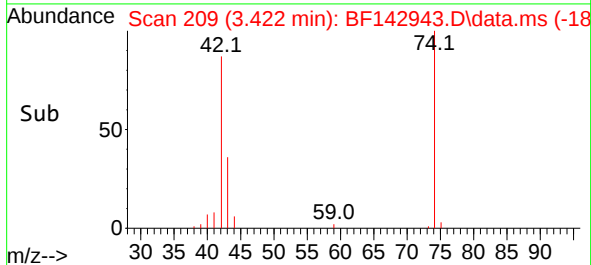
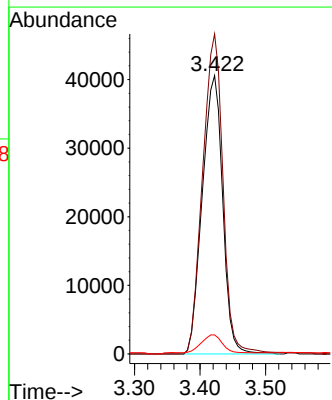
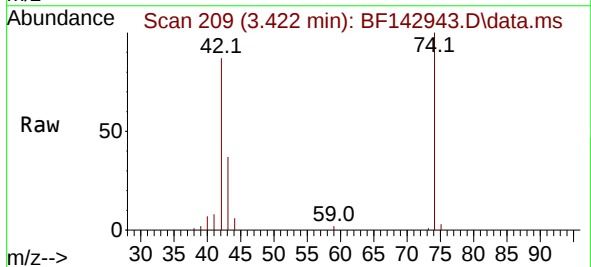
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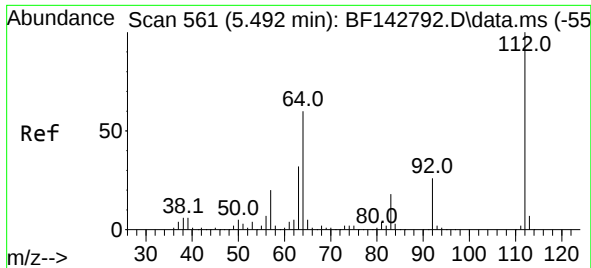
Tgt Ion: 79 Resp: 157941
 Ion Ratio Lower Upper
 79 100
 52 84.9 69.2 103.8
 51 42.7 33.2 49.8



#4
 n-Nitrosodimethylamine
 Concen: 43.815 ng
 RT: 3.422 min Scan# 209
 Delta R.T. 0.065 min
 Lab File: BF142943.D
 Acq: 01 Jul 2025 11:48

Tgt Ion: 42 Resp: 87864
 Ion Ratio Lower Upper
 42 100
 74 115.0 90.9 136.3
 44 6.9 5.8 8.6

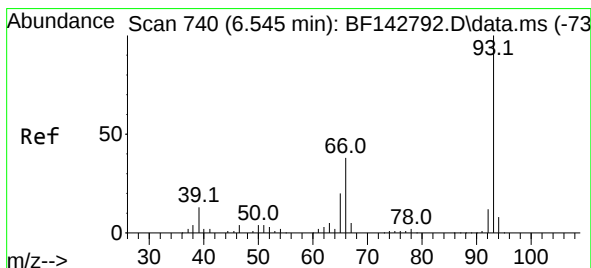
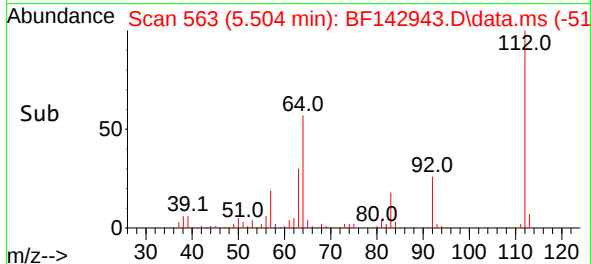
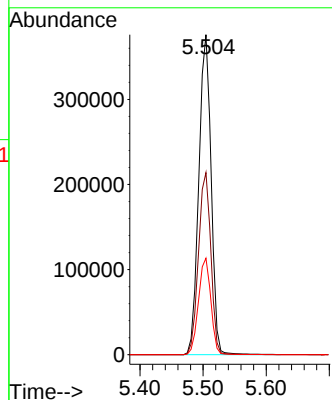
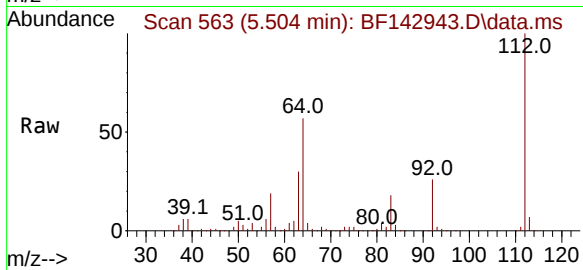




#5
2-Fluorophenol
Concen: 131.625 ng
RT: 5.504 min Scan# 509
Delta R.T. 0.012 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

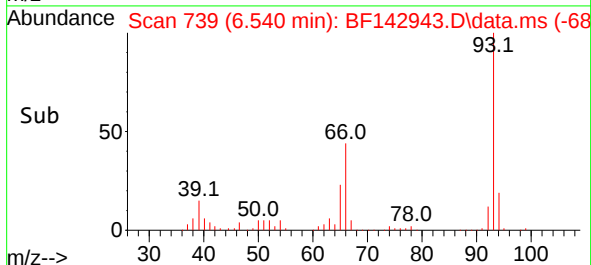
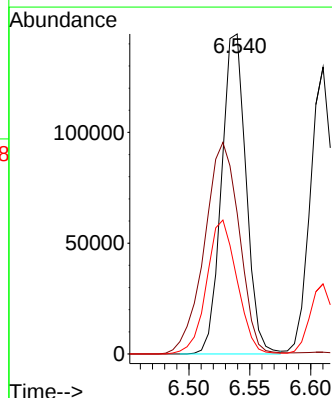
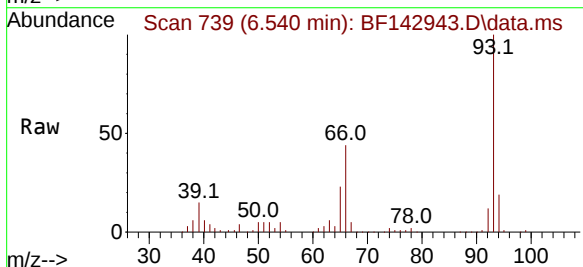
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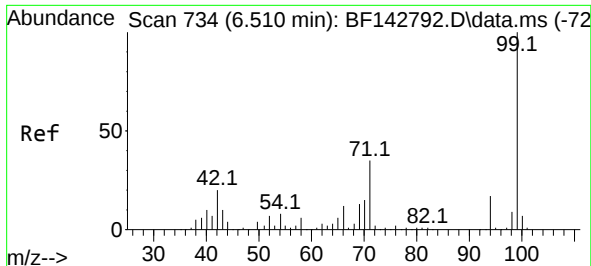
Tgt Ion:112 Resp: 509044
Ion Ratio Lower Upper
112 100
64 56.9 48.2 72.2
63 30.1 25.7 38.5



#6
Aniline
Concen: 33.303 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
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Tgt Ion: 93 Resp: 202190
Ion Ratio Lower Upper
93 100
66 44.0 31.8 47.6
65 23.0 16.2 24.2

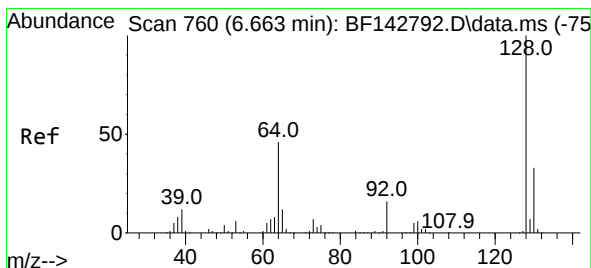
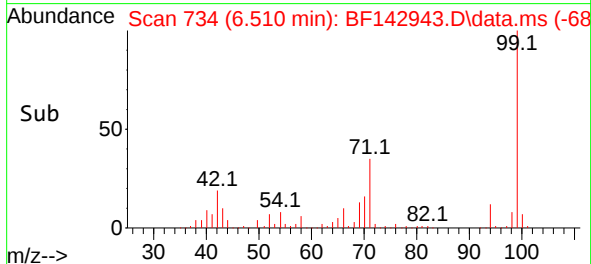
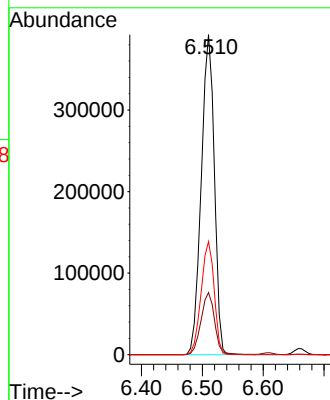
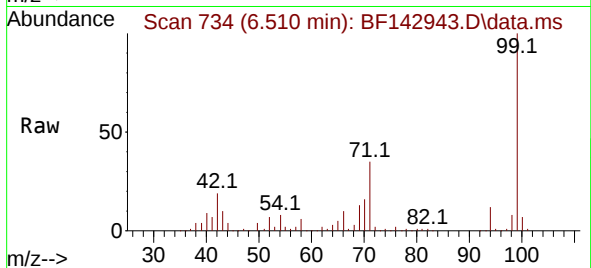




#7
Phenol-d6
Concen: 128.701 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142943.D
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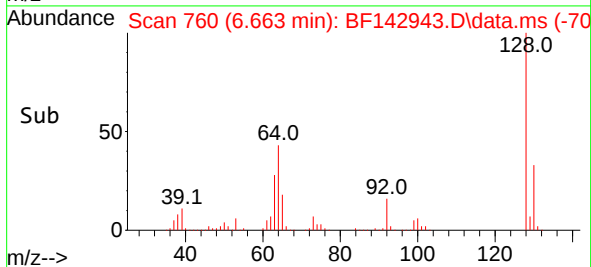
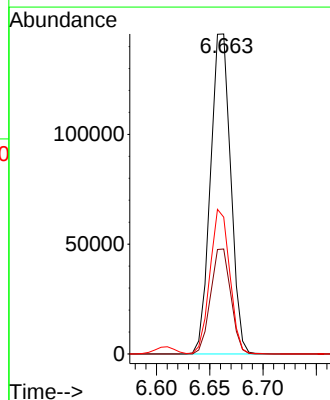
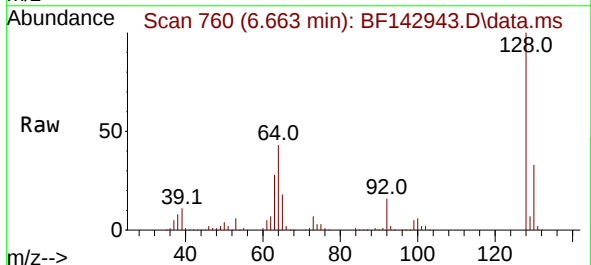
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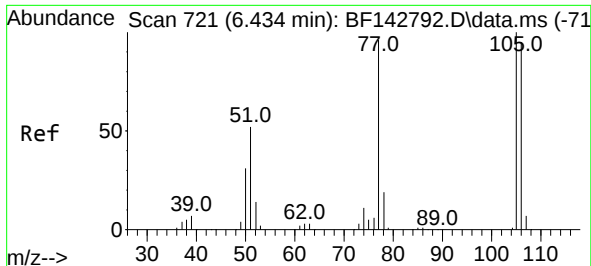
Tgt Ion: 99 Resp: 587230
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 35.3 27.8 41.8



#8
2-Chlorophenol
Concen: 46.168 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:128 Resp: 192602
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 42.7 26.5 66.5

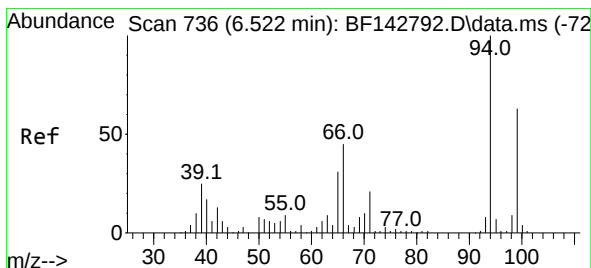
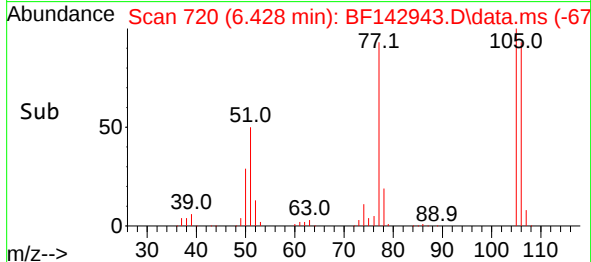
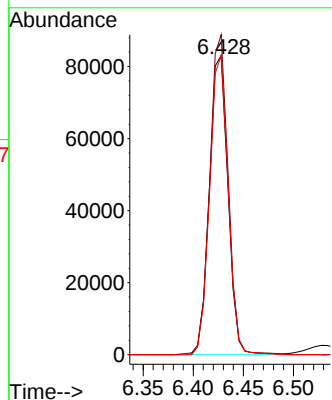
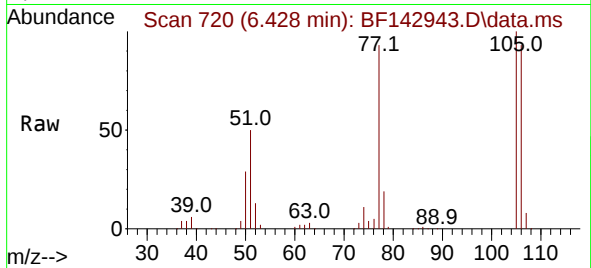




#9
Benzaldehyde
Concen: 39.720 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
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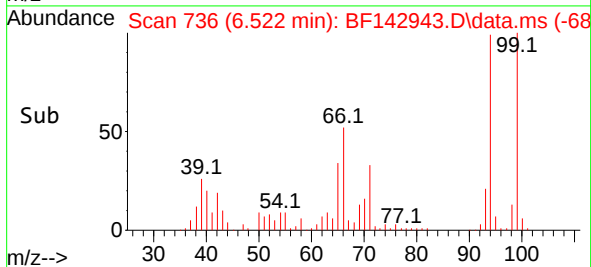
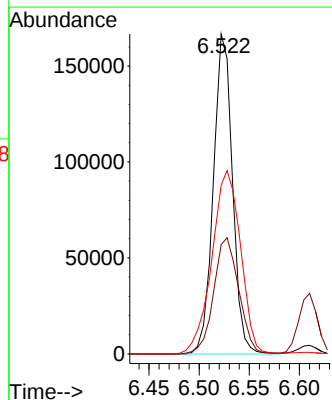
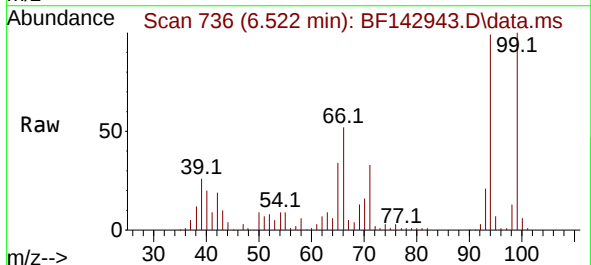
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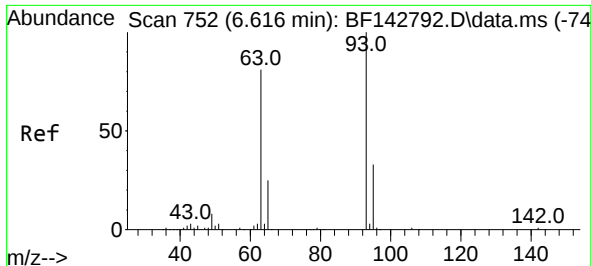
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Ion Ratio Lower Upper
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105 107.0 83.8 123.8
106 99.9 78.7 118.7



#10
Phenol
Concen: 43.595 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion: 94 Resp: 221109
Ion Ratio Lower Upper
94 100
65 34.1 11.3 51.3
66 52.7 24.9 64.9

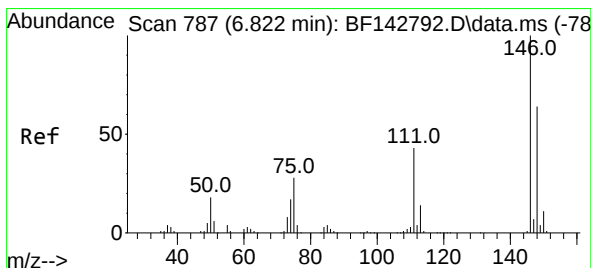
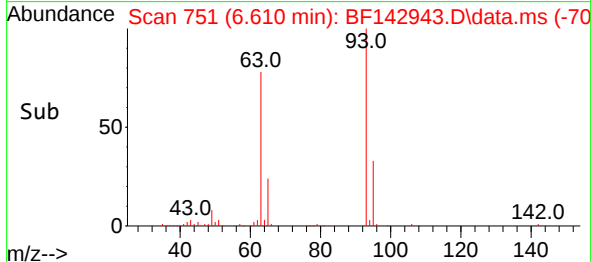
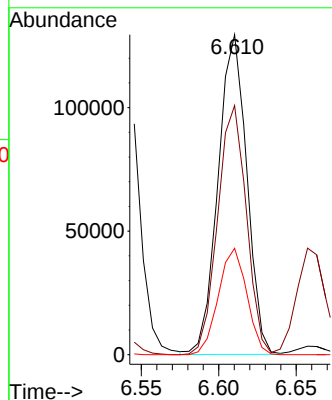
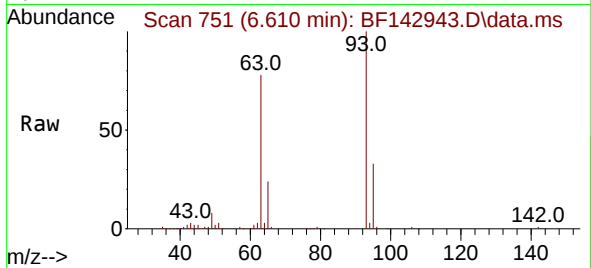




#11
bis(2-Chloroethyl)ether
Concen: 46.042 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

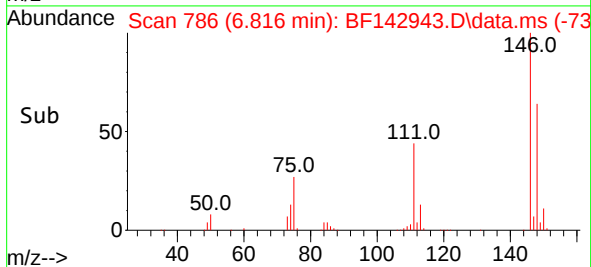
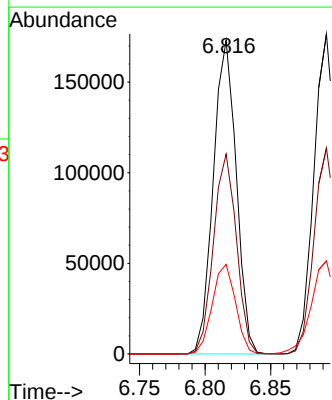
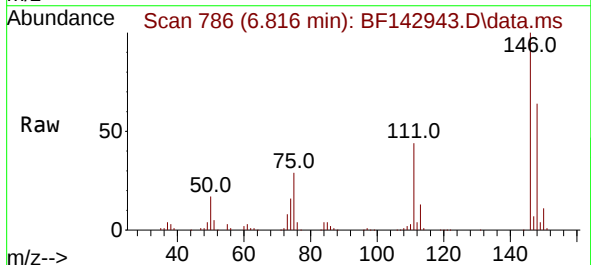
Instrument :
BNA_F
ClientSampleId :
PB168640BS

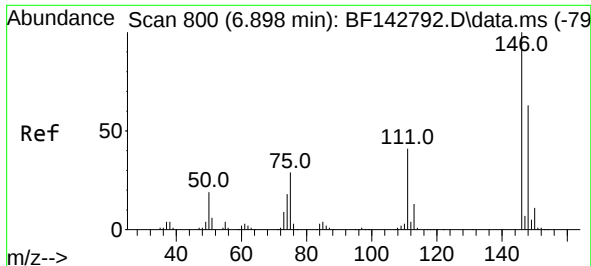
Tgt Ion: 93 Resp: 166897
Ion Ratio Lower Upper
93 100
63 77.9 60.3 100.3
95 33.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 45.246 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:146 Resp: 211102
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
75 28.6 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 45.455 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB168640BS

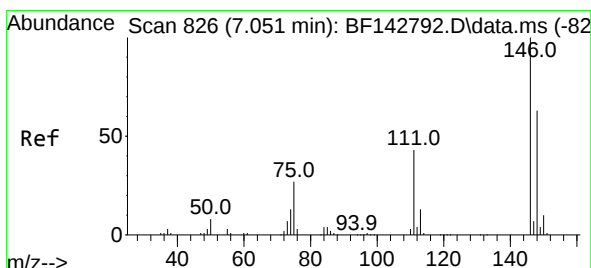
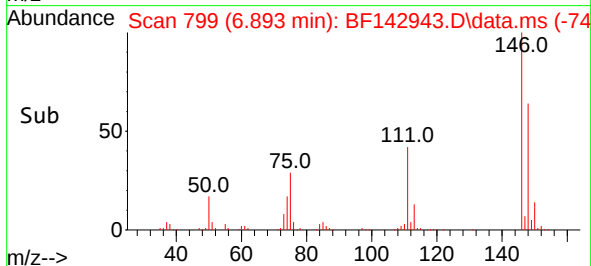
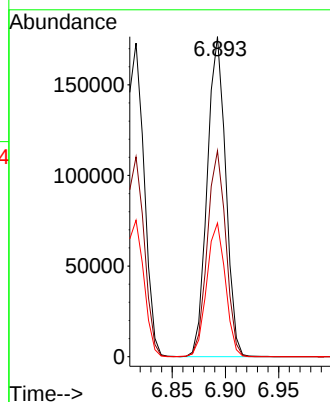
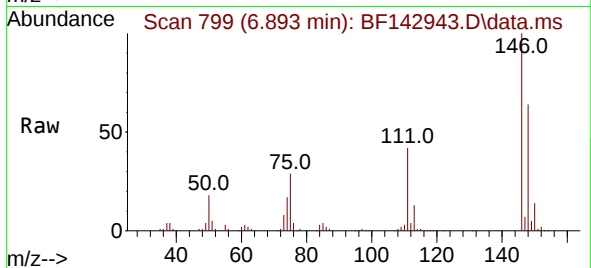
Tgt Ion:146 Resp: 213971

Ion Ratio Lower Upper

146 100

148 64.3 50.2 75.2

111 41.7 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 45.606 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

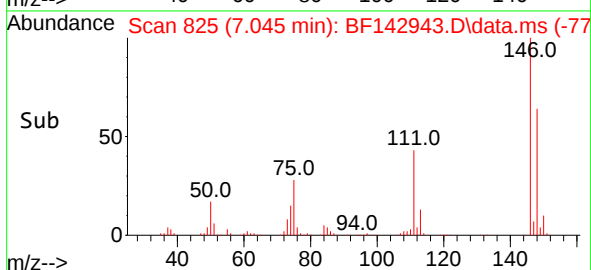
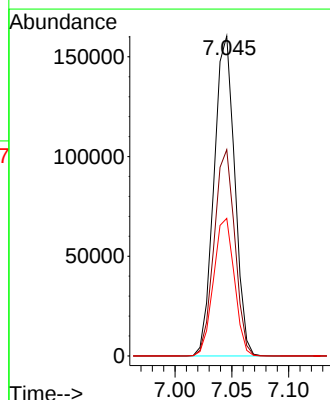
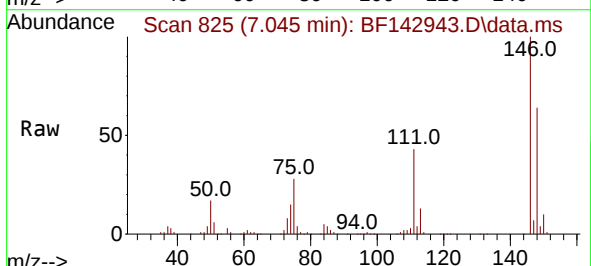
Tgt Ion:146 Resp: 203621

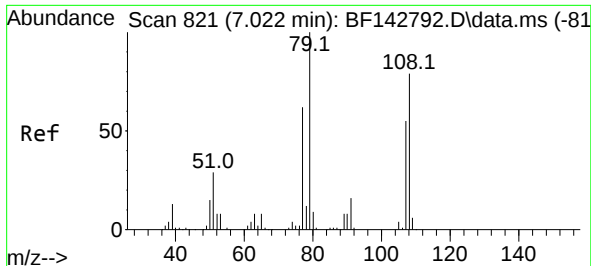
Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

111 43.0 34.1 51.1

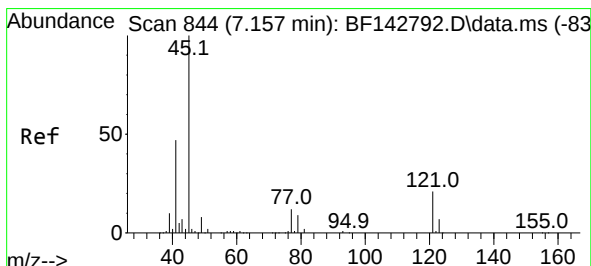
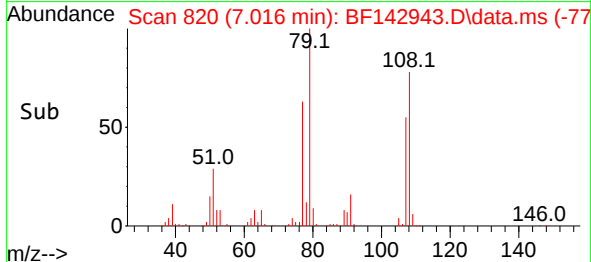
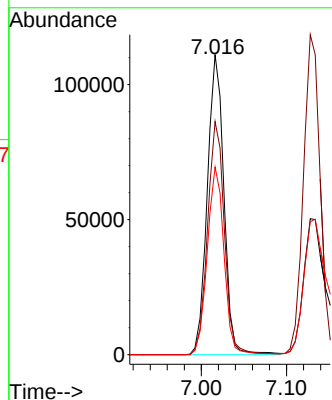
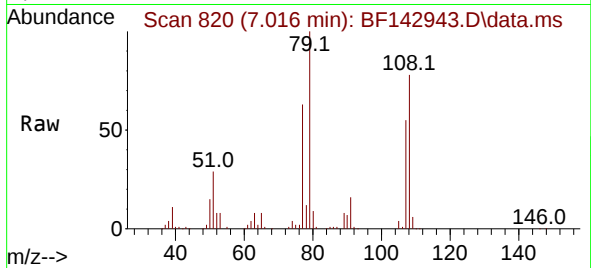




#15
Benzyl Alcohol
Concen: 45.633 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

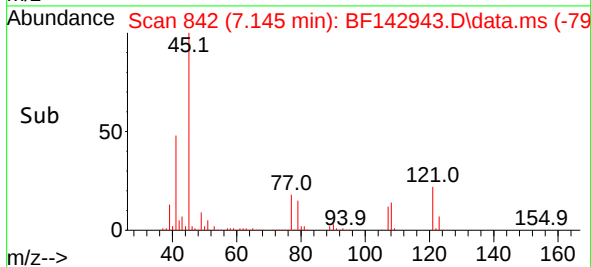
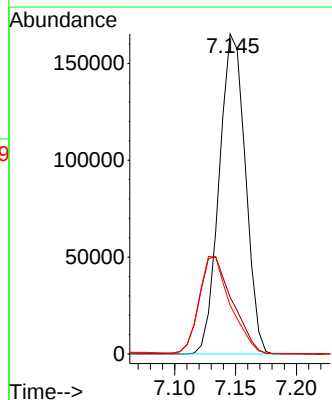
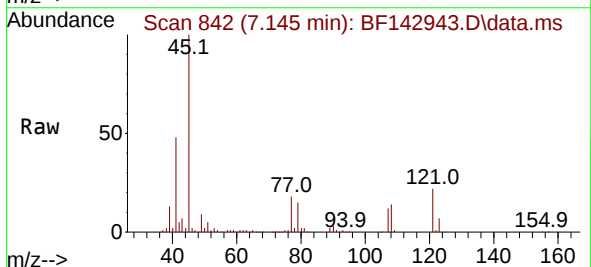
Instrument :
BNA_F
ClientSampleId :
PB168640BS

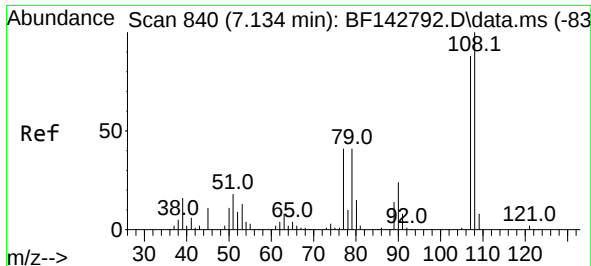
Tgt Ion: 79 Resp: 150522
Ion Ratio Lower Upper
79 100
108 77.7 63.4 95.0
77 62.6 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.340 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion: 45 Resp: 246586
Ion Ratio Lower Upper
45 100
77 17.8 0.0 32.8
79 15.2 0.0 29.8

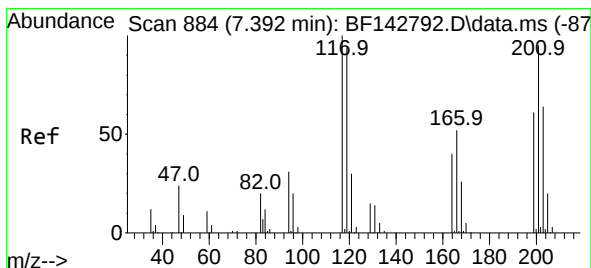
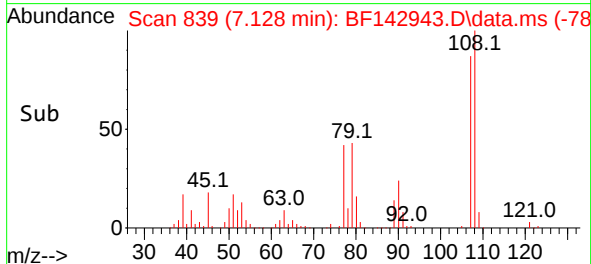
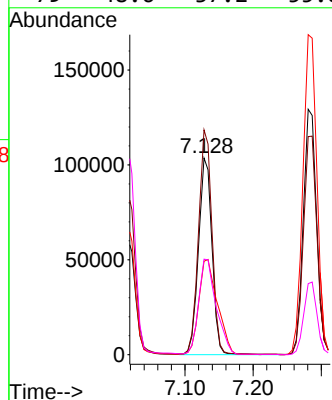
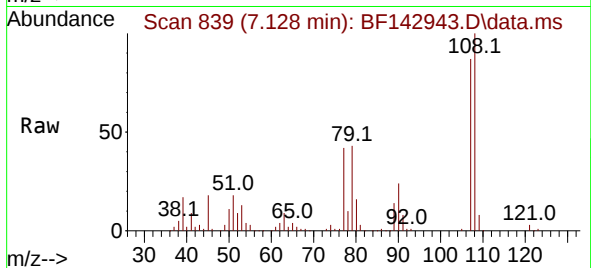




#17
2-Methylphenol
Concen: 45.039 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

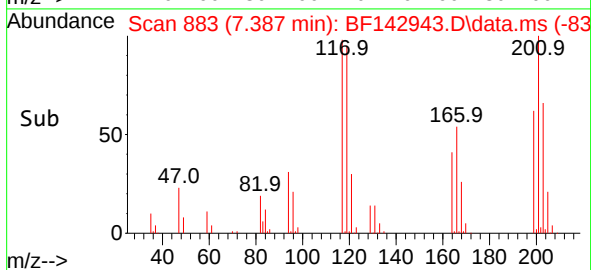
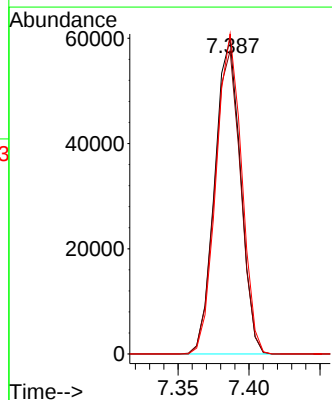
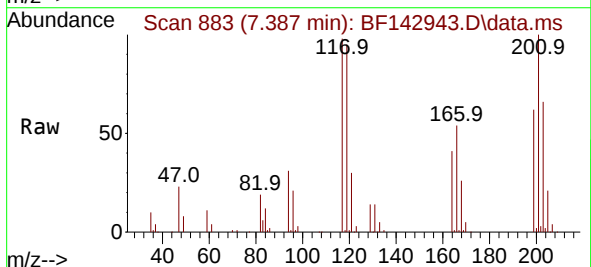
Instrument :
BNA_F
ClientSampleId :
PB168640BS

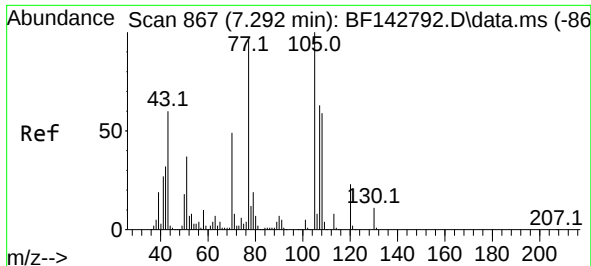
Tgt Ion:	107	Resp:	142388
Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.9	136.3
77	47.5	37.3	55.9
79	48.6	37.2	55.8



#18
Hexachloroethane
Concen: 45.812 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:	117	Resp:	75429
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.4	113.0
201	101.6	75.9	113.9

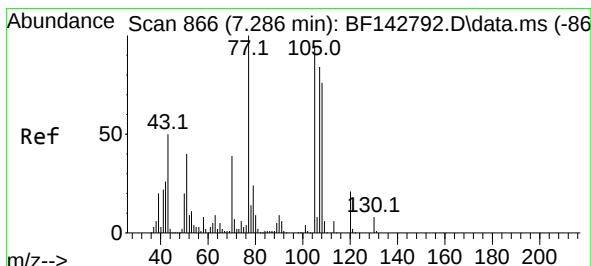
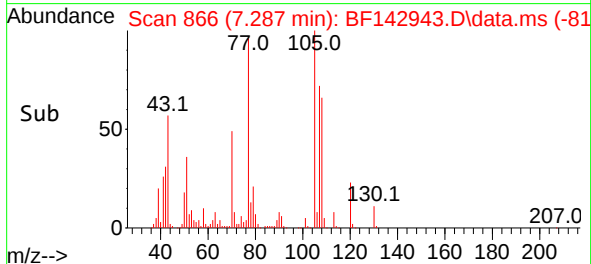
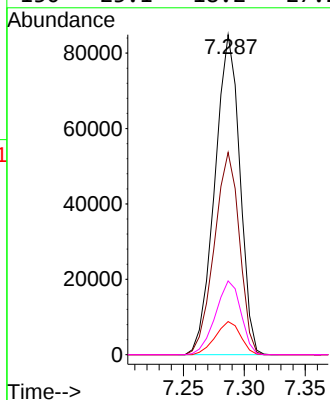
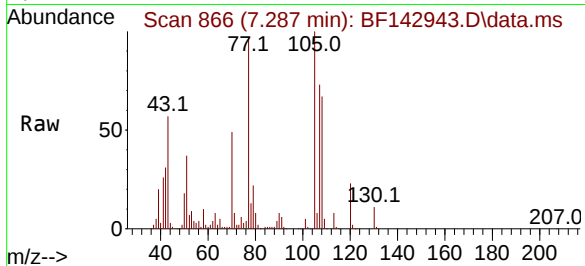




#19
n-Nitroso-di-n-propylamine
Concen: 45.726 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

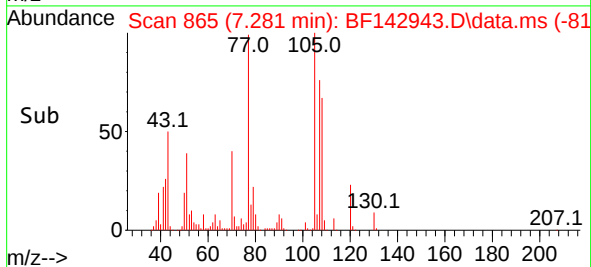
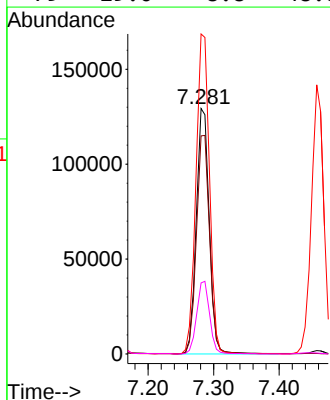
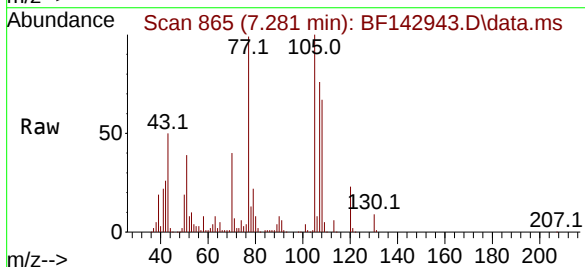
Instrument :
BNA_F
ClientSampleId :
PB168640BS

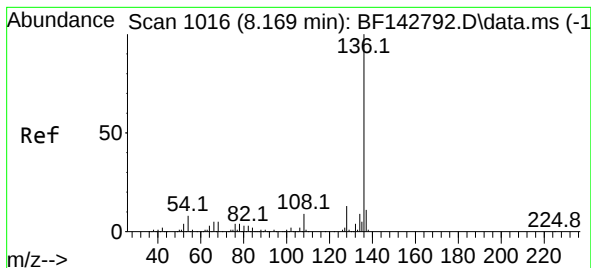
Tgt Ion: 70 Resp: 121343
Ion Ratio Lower Upper
70 100
42 63.2 52.1 78.1
101 10.3 8.2 12.2
130 23.1 18.2 27.2



#20
3+4-Methylphenols
Concen: 45.260 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:107 Resp: 178405
Ion Ratio Lower Upper
107 100
108 88.9 70.0 110.0
77 130.4 98.5 138.5
79 29.0 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB168640BS

Tgt Ion:136 Resp: 240303

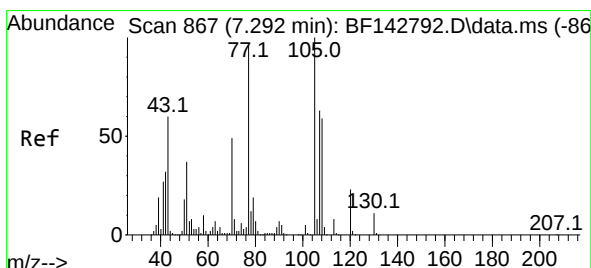
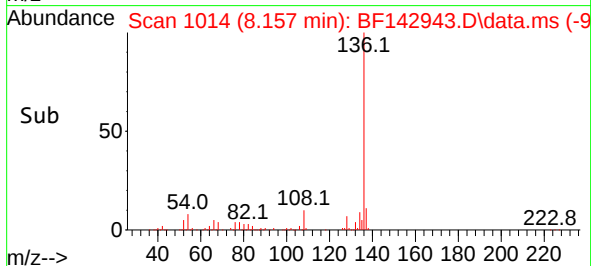
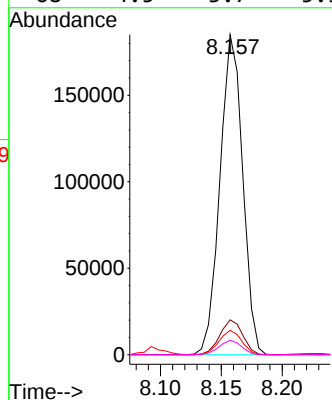
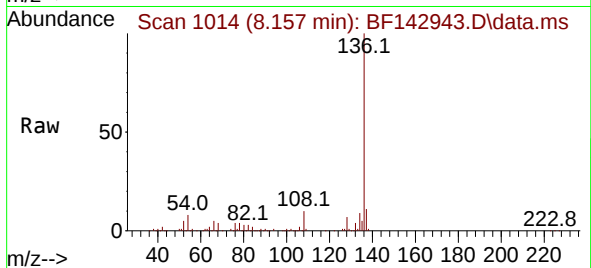
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 7.6 6.3 9.5

68 4.5 3.7 5.5



#22

Acetophenone

Concen: 47.008 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Tgt Ion:105 Resp: 249102

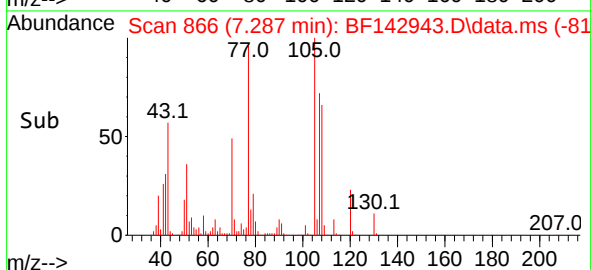
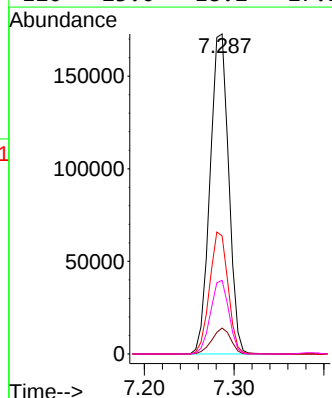
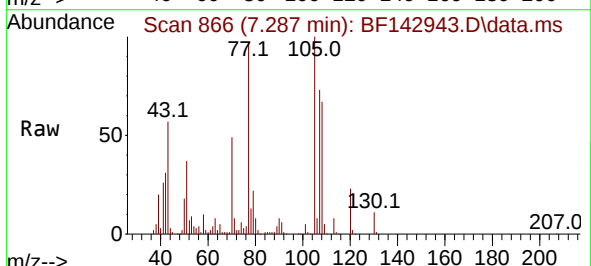
Ion Ratio Lower Upper

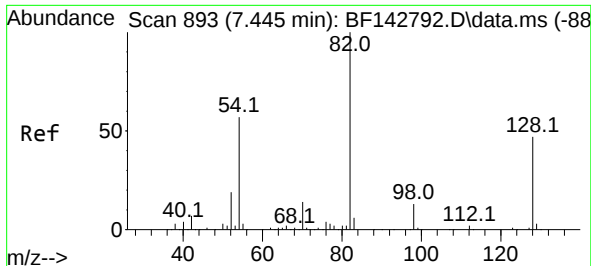
105 100

71 8.1 6.5 9.7

51 36.9 29.8 44.8

120 23.0 18.2 27.2

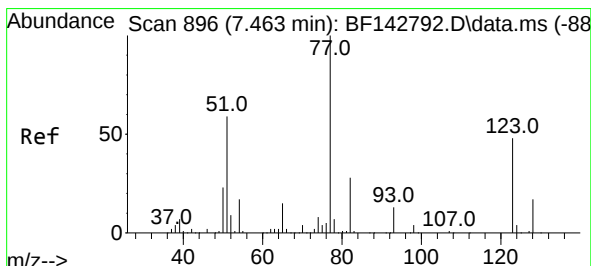
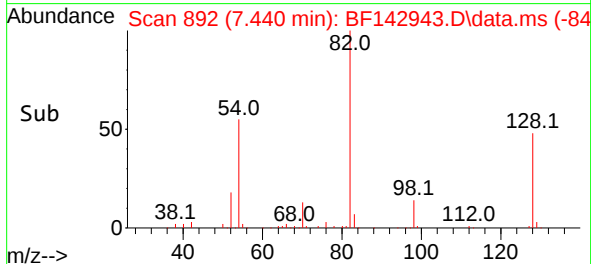
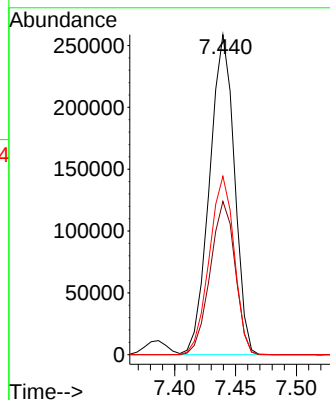
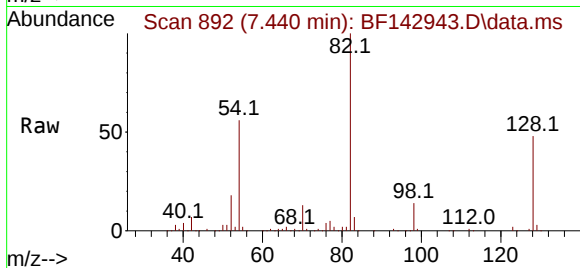




#23
Nitrobenzene-d5
Concen: 83.936 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.005 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

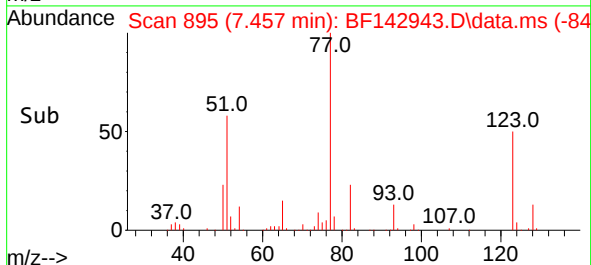
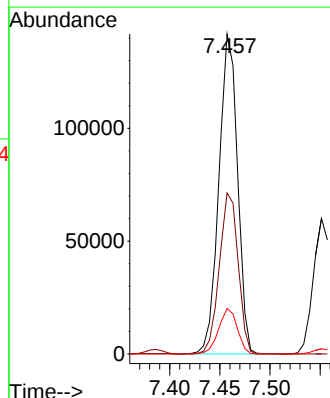
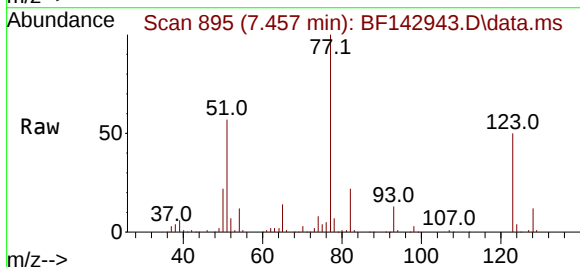
Instrument :
BNA_F
ClientSampleId :
PB168640BS

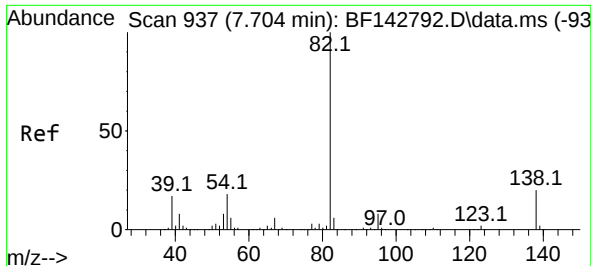
Tgt Ion: 82 Resp: 367728
Ion Ratio Lower Upper
82 100
128 47.9 37.7 56.5
54 55.8 45.7 68.5



#24
Nitrobenzene
Concen: 46.284 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion: 77 Resp: 183527
Ion Ratio Lower Upper
77 100
123 50.3 39.2 58.8
65 14.2 11.6 17.4

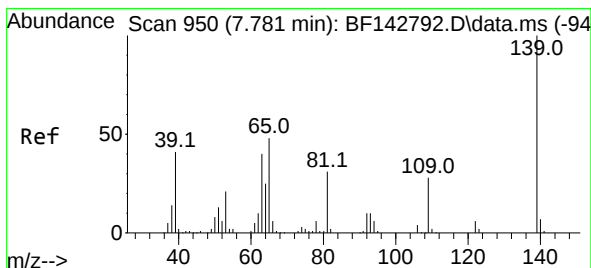
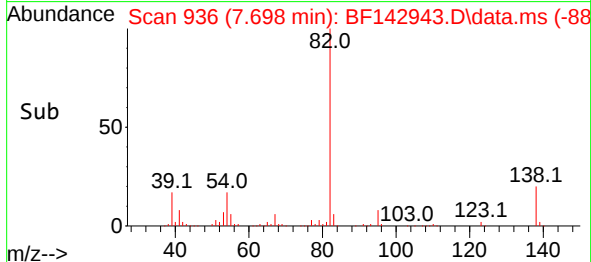
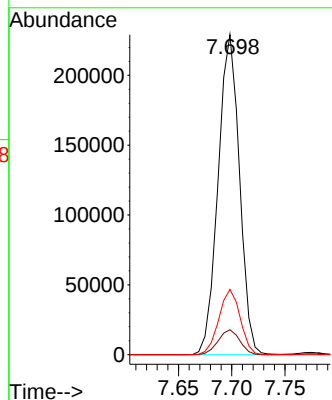
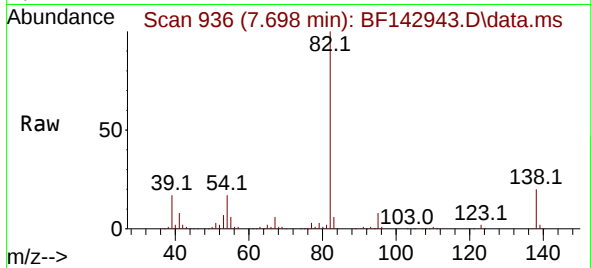




#25
Isophorone
Concen: 45.453 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

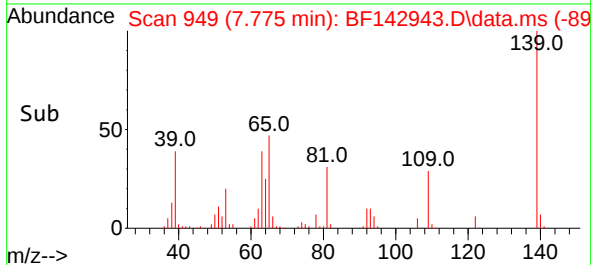
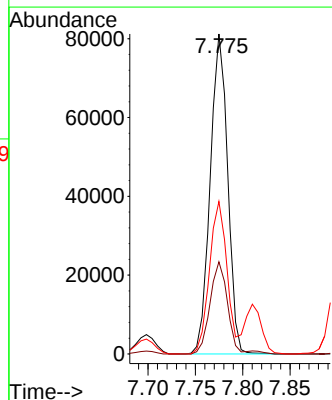
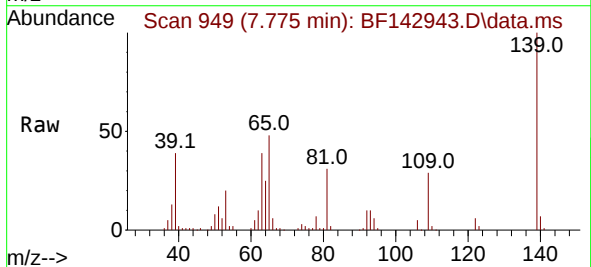
Instrument :
BNA_F
ClientSampleId :
PB168640BS

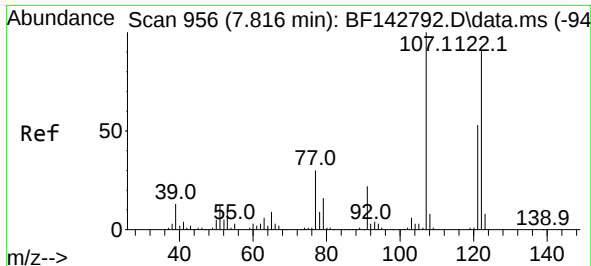
Tgt Ion: 82 Resp: 319435
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.4 16.2 24.4



#26
2-Nitrophenol
Concen: 47.975 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion: 139 Resp: 103628
Ion Ratio Lower Upper
139 100
109 28.8 22.7 34.1
65 47.6 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 44.882 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB168640BS

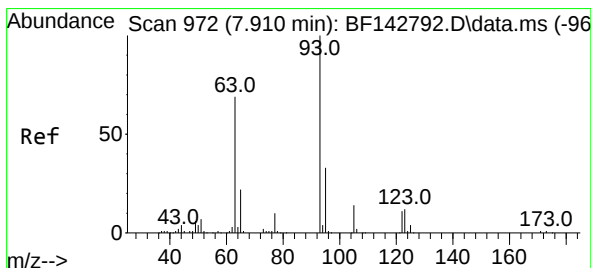
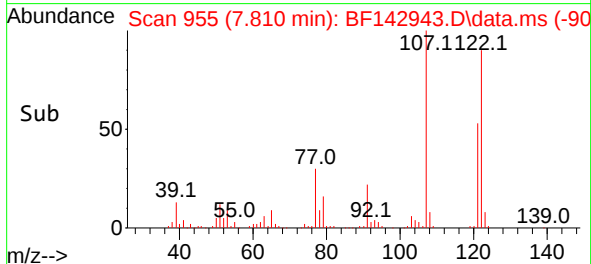
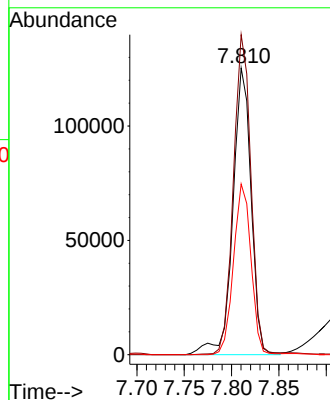
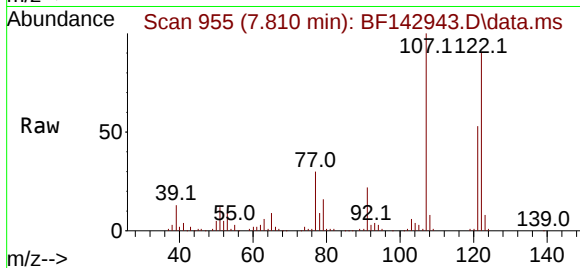
Tgt Ion:122 Resp: 167930

Ion Ratio Lower Upper

122 100

107 111.6 88.0 132.0

121 59.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.540 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

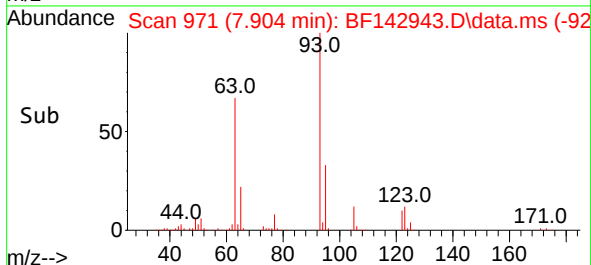
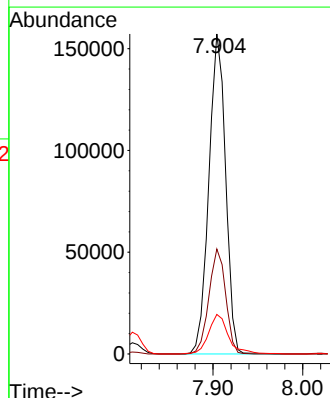
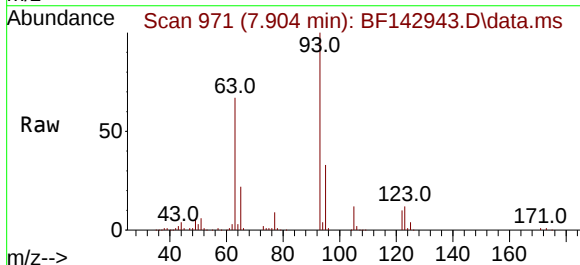
Tgt Ion: 93 Resp: 203471

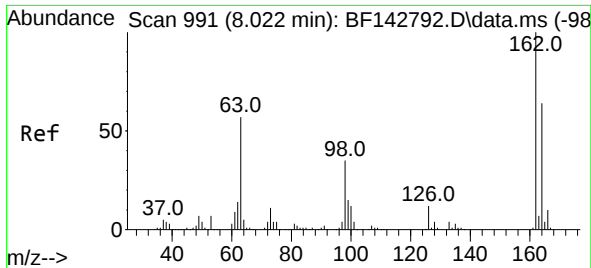
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.780 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB168640BS

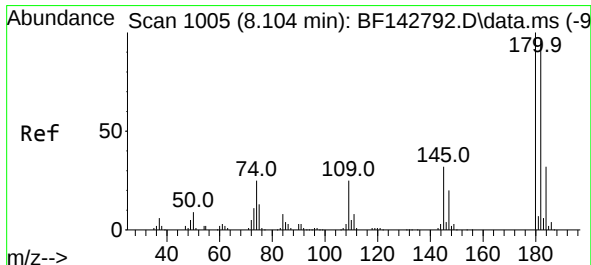
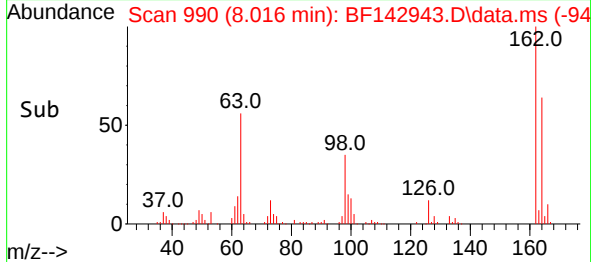
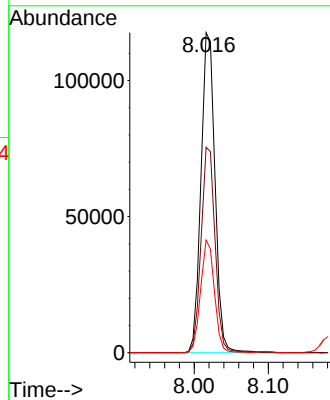
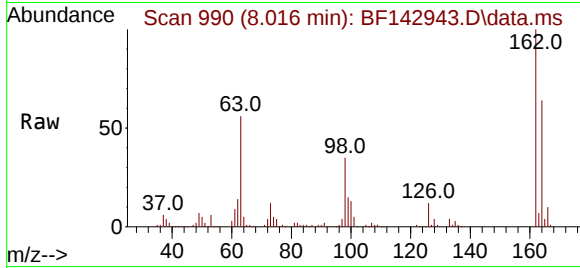
Tgt Ion:162 Resp: 155312

Ion Ratio Lower Upper

162 100

164 64.2 44.0 84.0

98 35.2 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 46.853 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

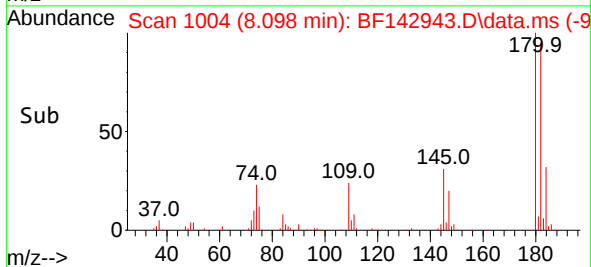
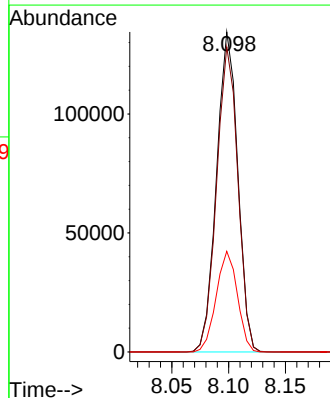
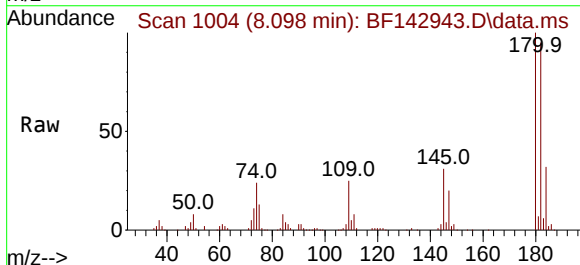
Tgt Ion:180 Resp: 174783

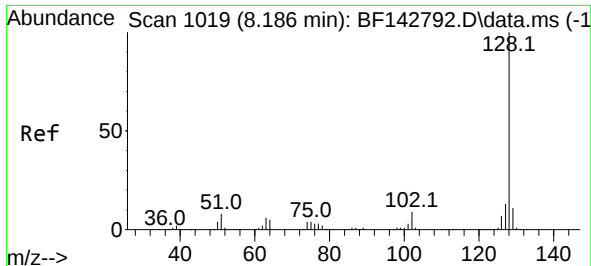
Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

145 31.5 25.8 38.8

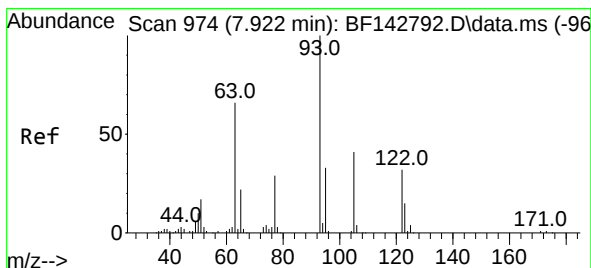
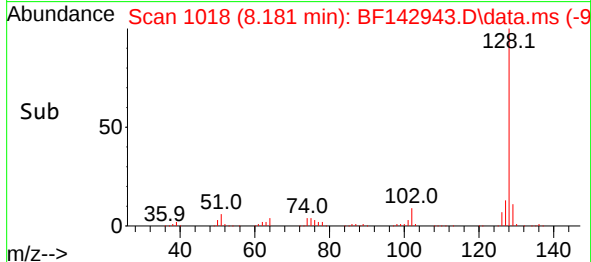
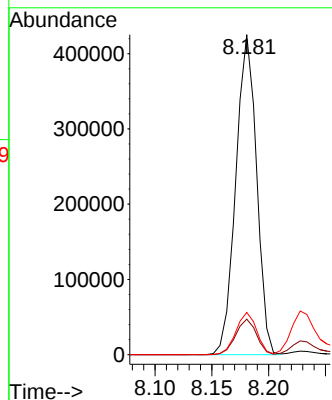
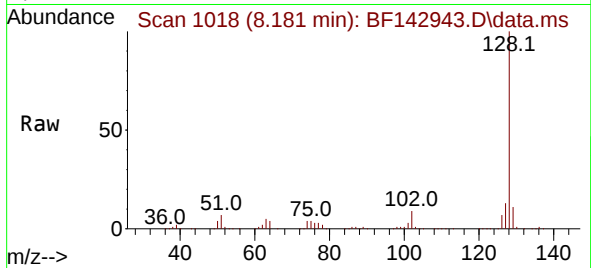




#31
Naphthalene
Concen: 45.972 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

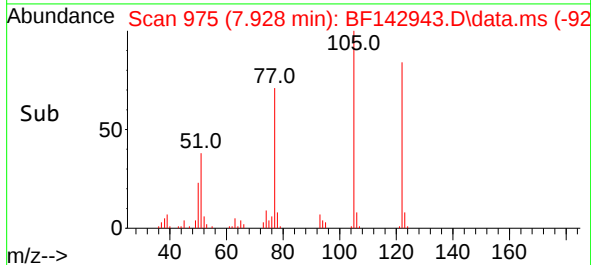
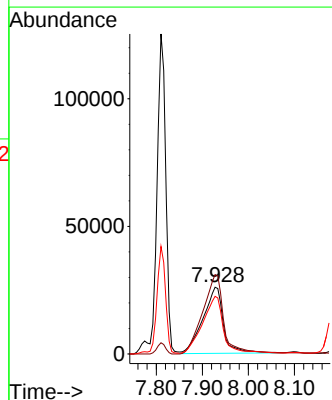
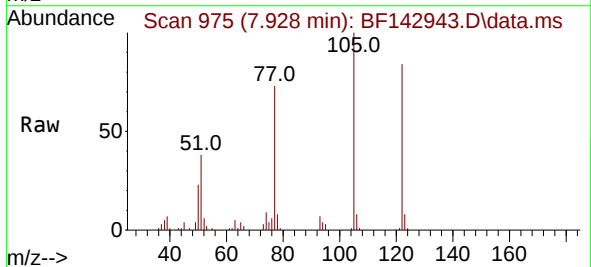
Instrument :
BNA_F
ClientSampleId :
PB168640BS

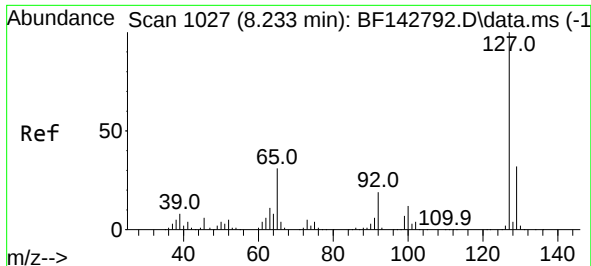
Tgt Ion:128 Resp: 540743
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 41.927 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:122 Resp: 79956
Ion Ratio Lower Upper
122 100
105 118.8 104.7 144.7
77 86.3 70.2 110.2

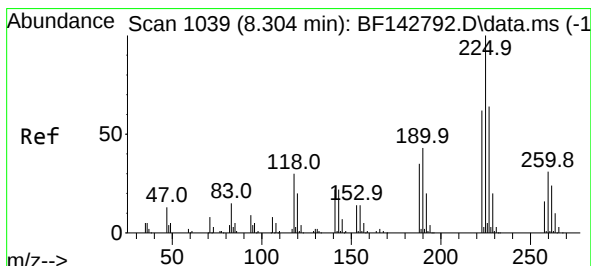
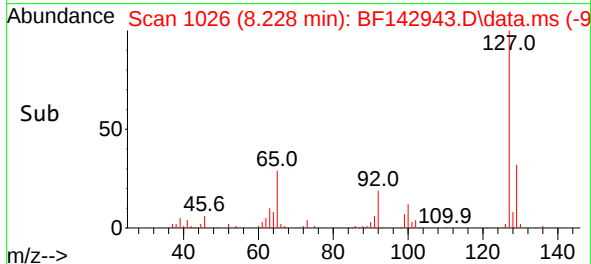
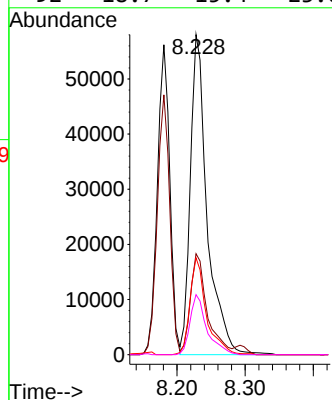
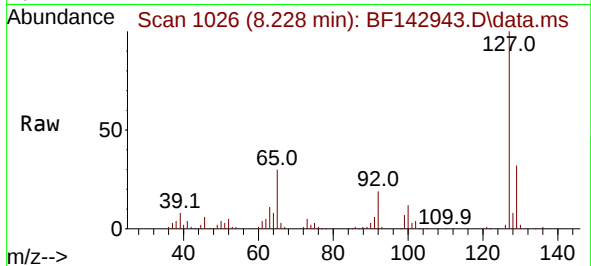




#33
4-Chloroaniline
Concen: 20.769 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

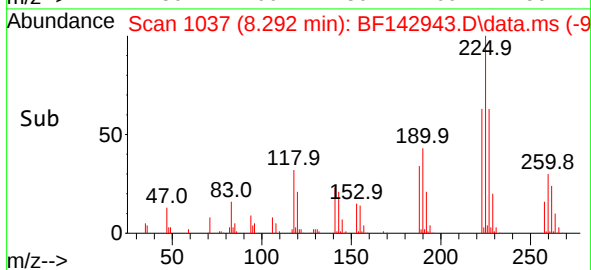
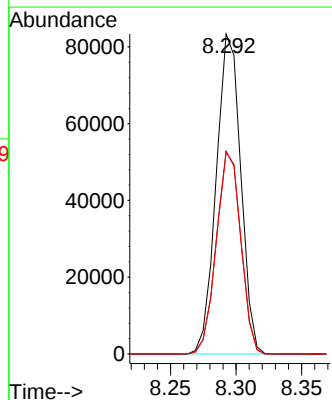
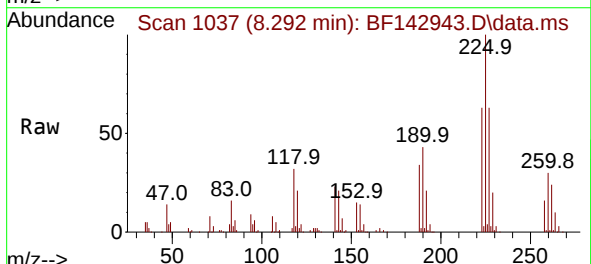
Instrument :
BNA_F
ClientSampleId :
PB168640BS

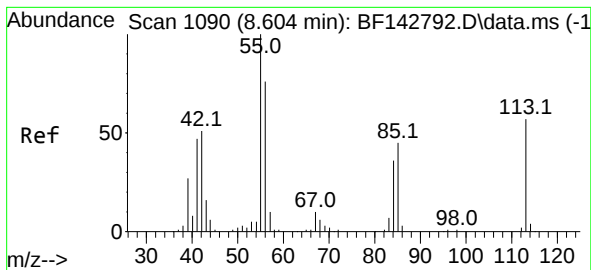
Tgt Ion:127	Resp:	99334
Ion Ratio	Lower	Upper
127	100	
129	31.5	25.9 38.9
65	30.2	24.6 36.8
92	18.7	15.4 23.0



#34
Hexachlorobutadiene
Concen: 47.387 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:225	Resp:	108131
Ion Ratio	Lower	Upper
225	100	
223	63.3	49.9 74.9
227	62.9	51.4 77.0





#35

Caprolactam

Concen: 47.103 ng

RT: 8.598 min Scan# 1089

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB168640BS

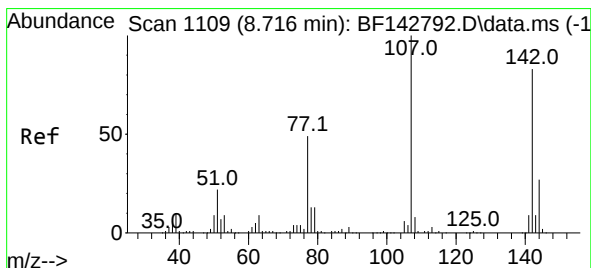
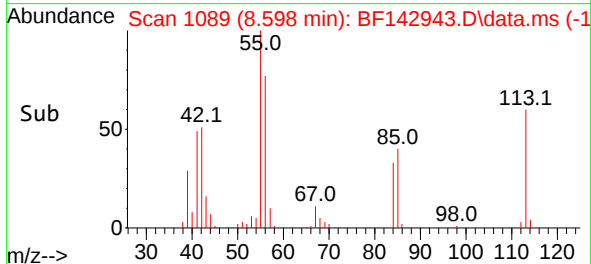
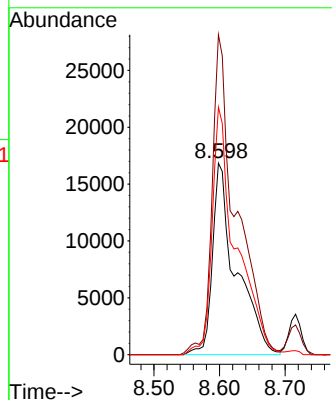
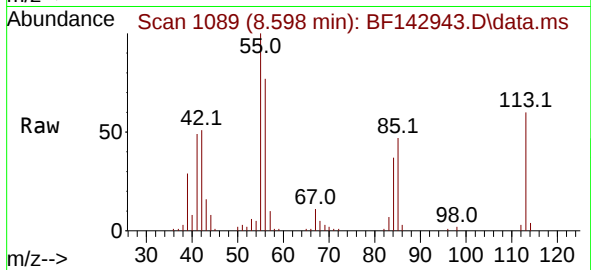
Tgt Ion:113 Resp: 42167

Ion Ratio Lower Upper

113 100

55 167.0 154.4 194.4

56 129.2 112.1 152.1



#36

4-Chloro-3-methylphenol

Concen: 44.786 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

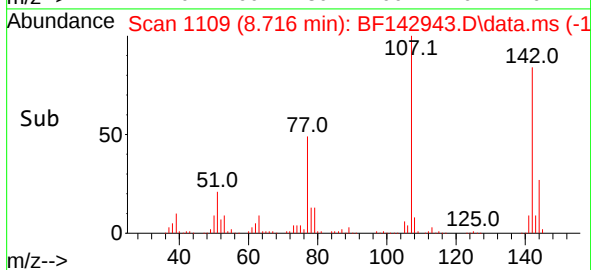
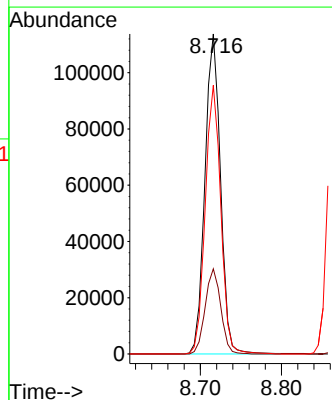
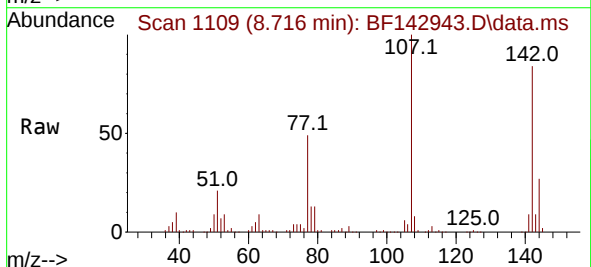
Tgt Ion:107 Resp: 151002

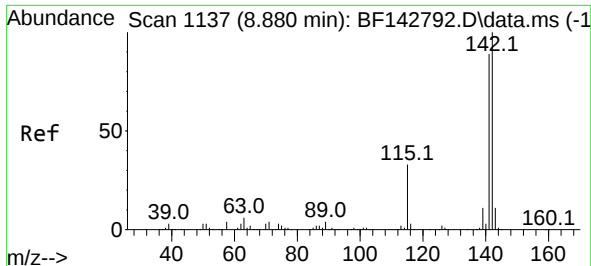
Ion Ratio Lower Upper

107 100

144 26.6 21.3 31.9

142 84.0 66.6 100.0





#37

2-Methylnaphthalene

Concen: 45.966 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

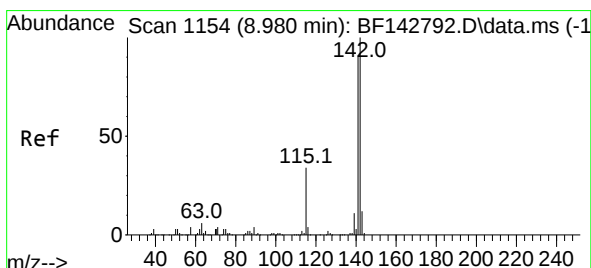
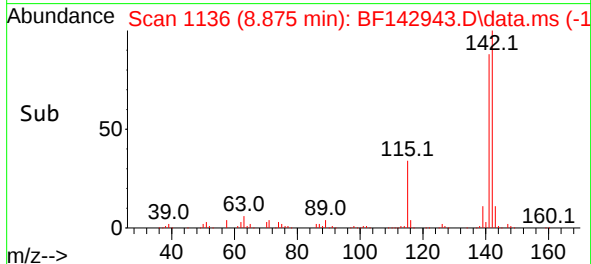
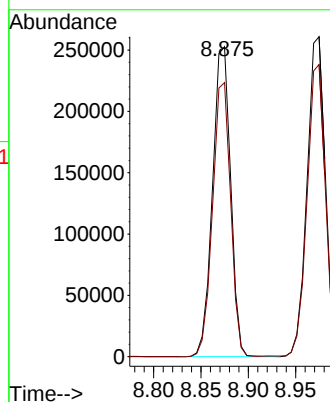
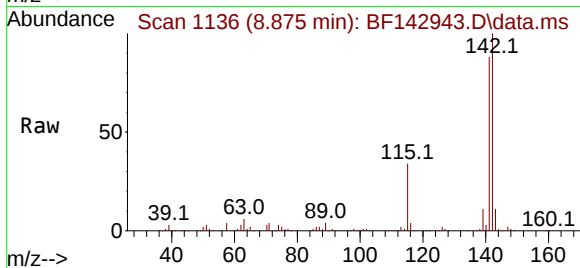
PB168640BS

Tgt Ion:142 Resp: 335199

Ion Ratio Lower Upper

142 100

141 88.4 70.9 106.3



#38

1-Methylnaphthalene

Concen: 46.250 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142943.D

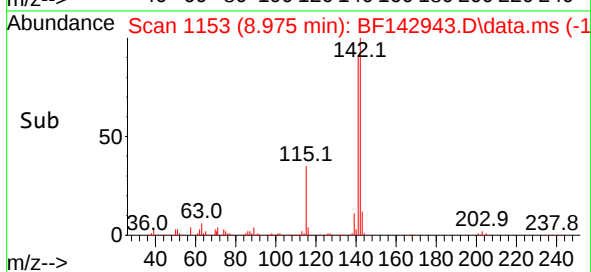
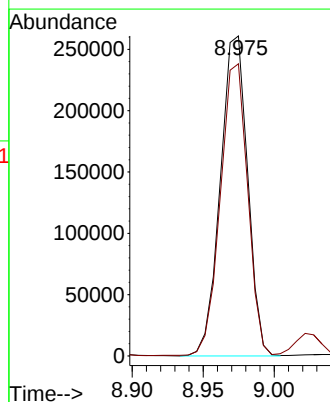
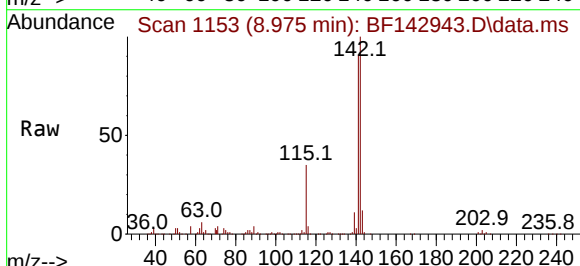
Acq: 01 Jul 2025 11:48

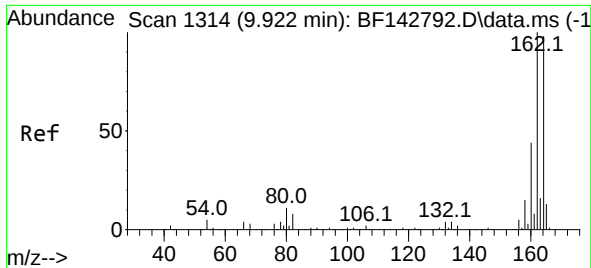
Tgt Ion:142 Resp: 349136

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.4

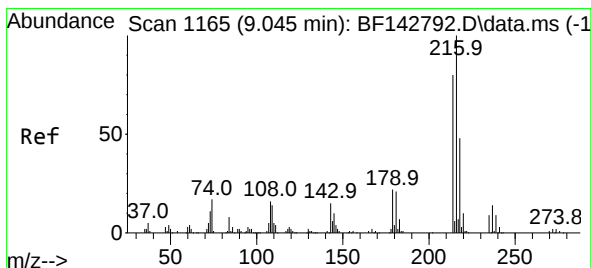
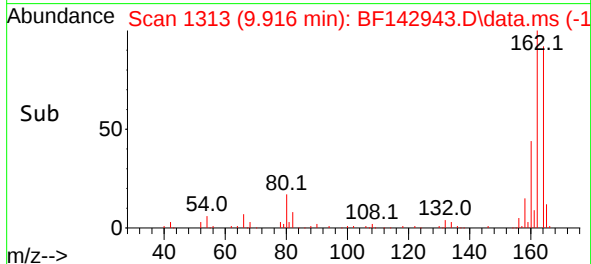
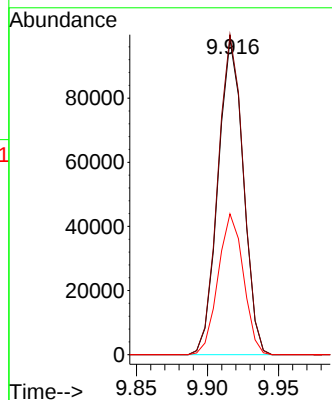
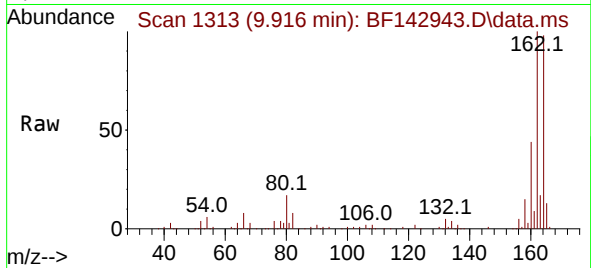




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

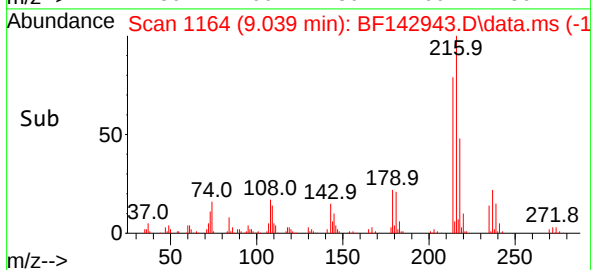
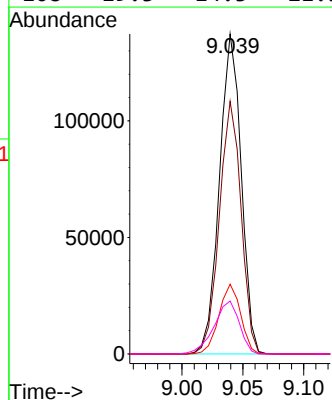
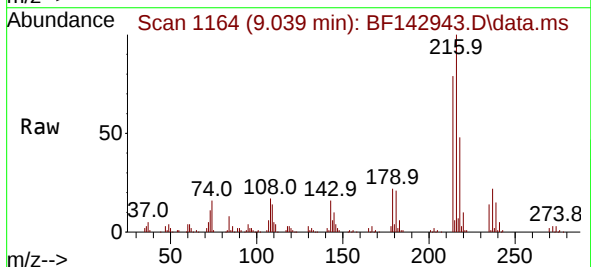
Instrument :
BNA_F
ClientSampleId :
PB168640BS

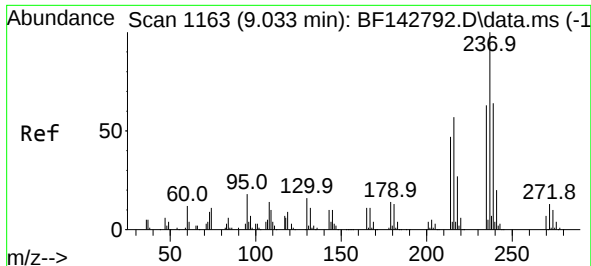
Tgt Ion:164 Resp: 121631
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.8
160 44.7 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.603 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:216 Resp: 170843
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 21.8 17.6 26.4
108 19.3 14.3 21.5

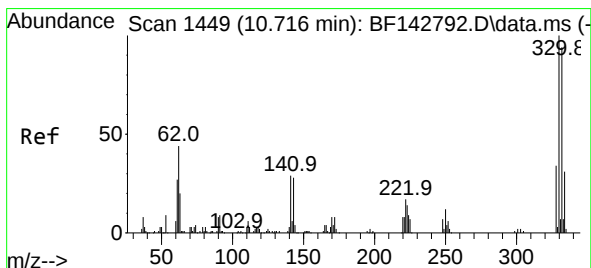
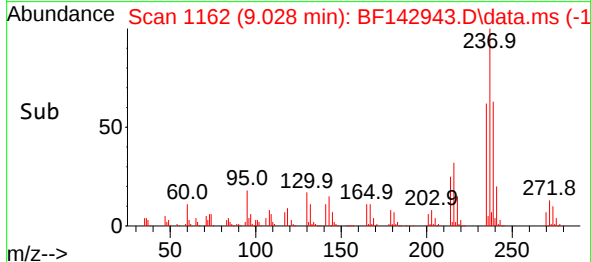
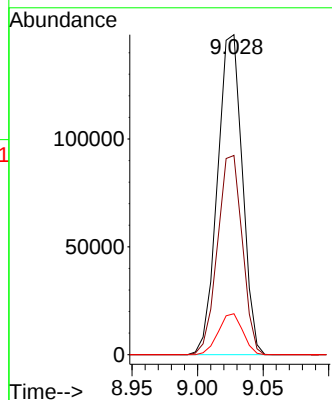
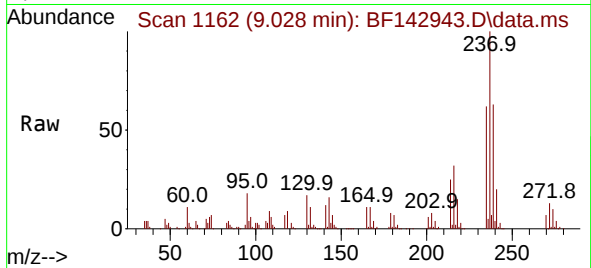




#41
Hexachlorocyclopentadiene
Concen: 95.825 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

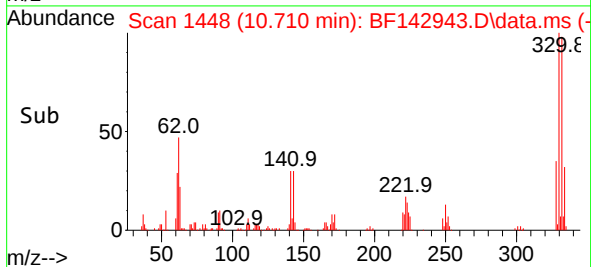
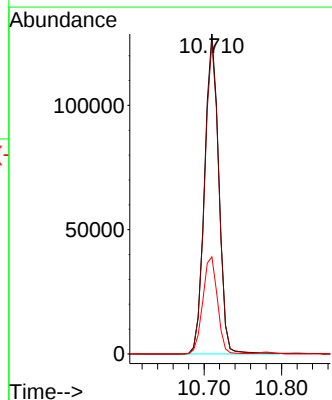
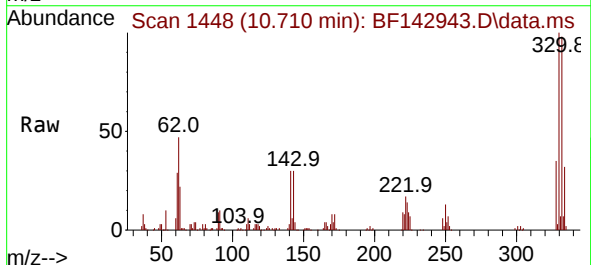
Instrument :
BNA_F
ClientSampleId :
PB168640BS

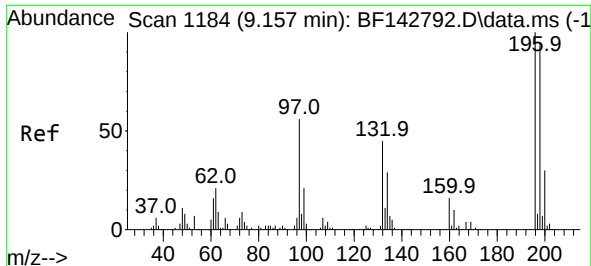
Tgt Ion:237 Resp: 195162
Ion Ratio Lower Upper
237 100
235 62.3 43.4 83.4
272 12.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 130.944 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:330 Resp: 163898
Ion Ratio Lower Upper
330 100
332 97.7 75.0 112.6
141 31.2 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 45.473 ng

RT: 9.151 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB168640BS

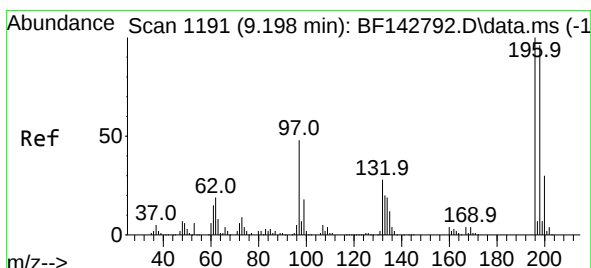
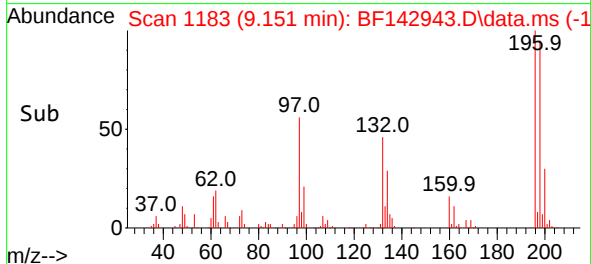
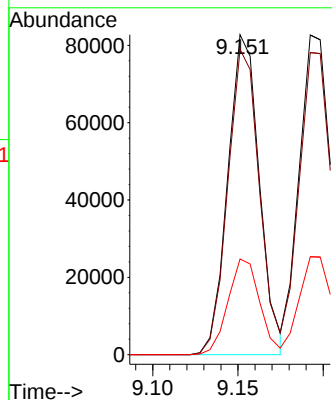
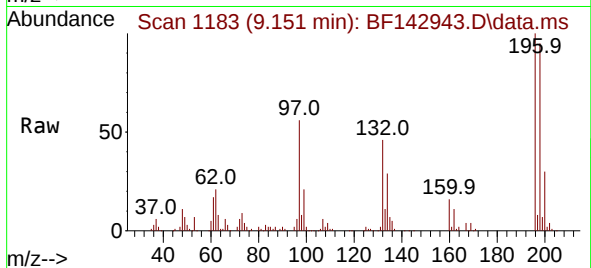
Tgt Ion:196 Resp: 106345

Ion Ratio Lower Upper

196 100

198 95.4 76.2 114.2

200 29.9 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 45.134 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Tgt Ion:196 Resp: 111111

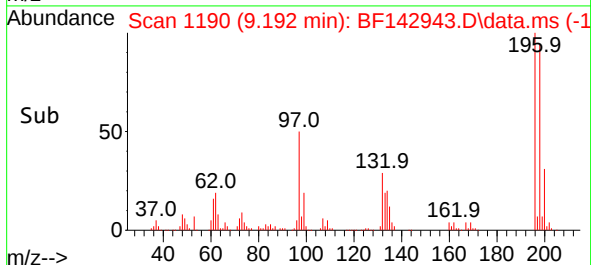
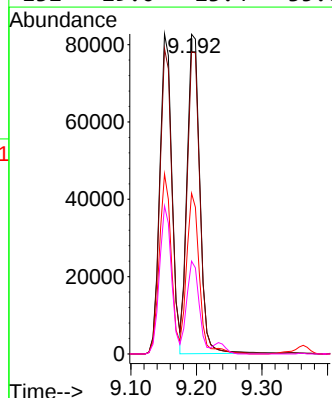
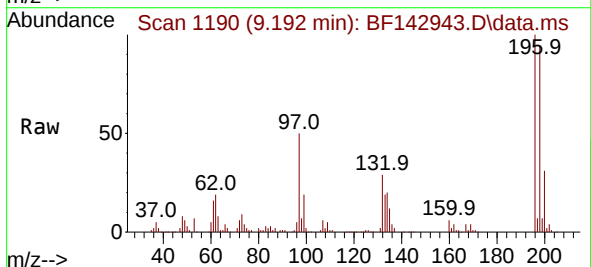
Ion Ratio Lower Upper

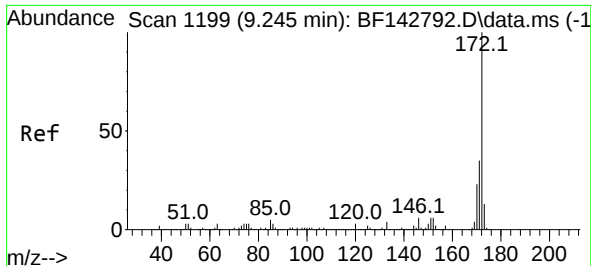
196 100

198 94.5 76.6 115.0

97 50.2 38.2 57.2

132 29.0 23.4 35.0

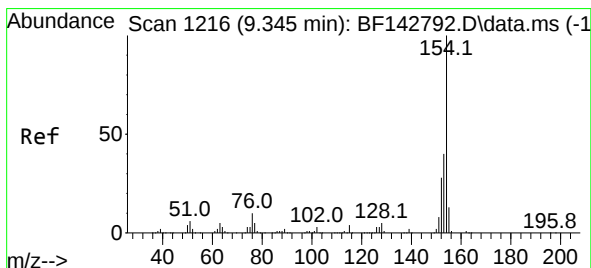
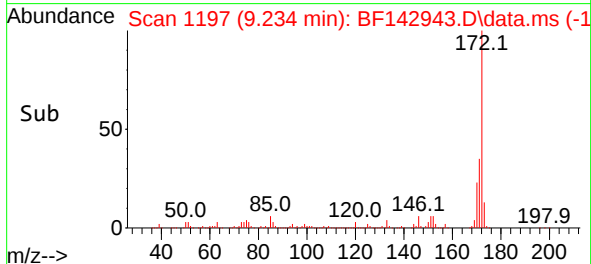
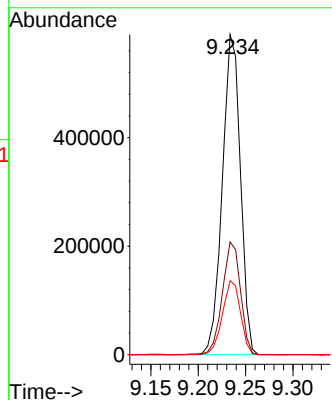
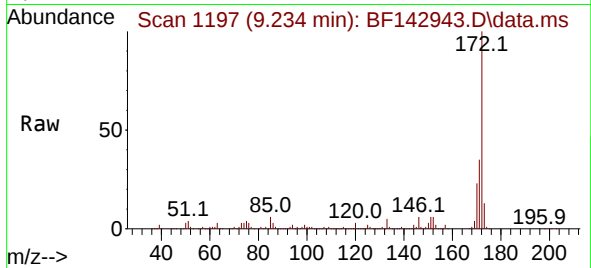




#45
2-Fluorobiphenyl
Concen: 84.723 ng
RT: 9.234 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

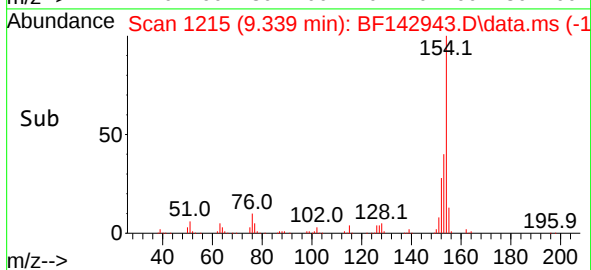
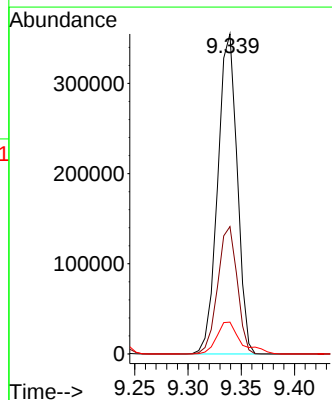
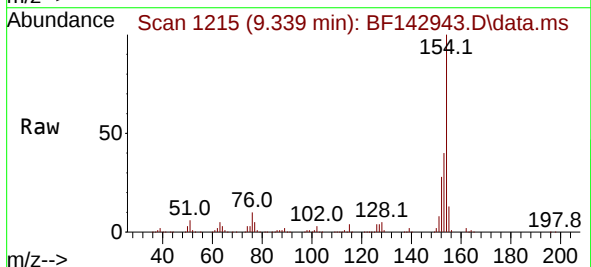
Instrument :
BNA_F
ClientSampleId :
PB168640BS

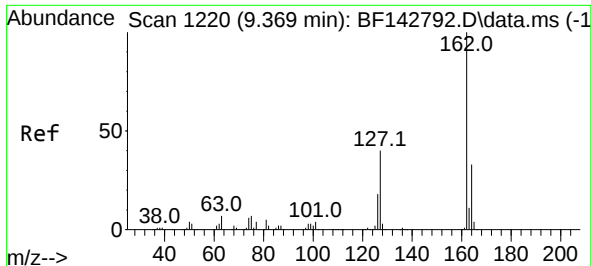
Tgt Ion:172 Resp: 784435
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.1 18.5 27.7



#46
1,1'-Biphenyl
Concen: 46.825 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:154 Resp: 449900
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 9.9 0.0 30.3





#47

2-Chloronaphthalene

Concen: 46.107 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB168640BS

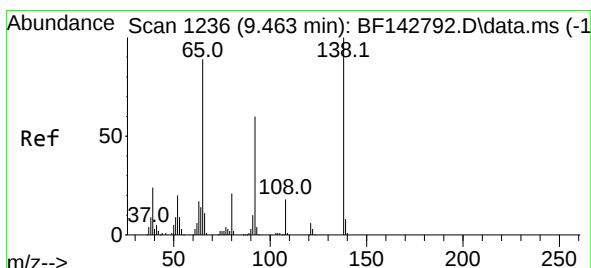
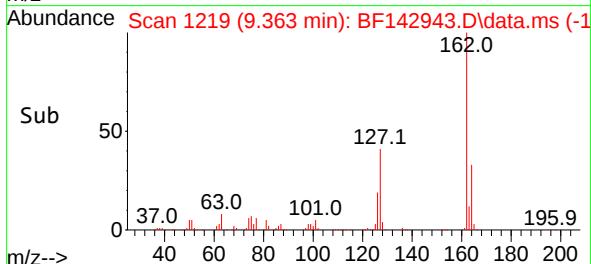
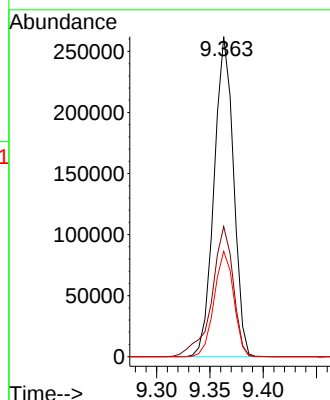
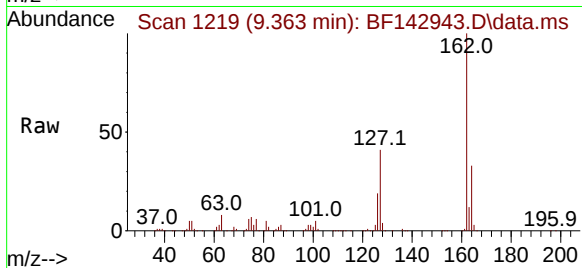
Tgt Ion:162 Resp: 332445

Ion Ratio Lower Upper

162 100

127 40.7 32.2 48.2

164 32.9 26.1 39.1



#48

2-Nitroaniline

Concen: 45.757 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

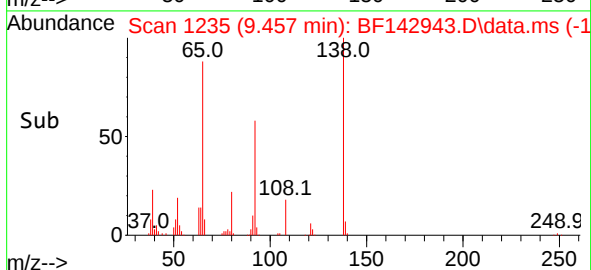
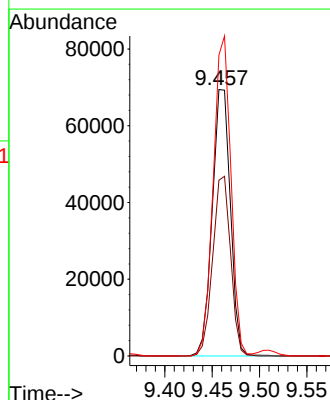
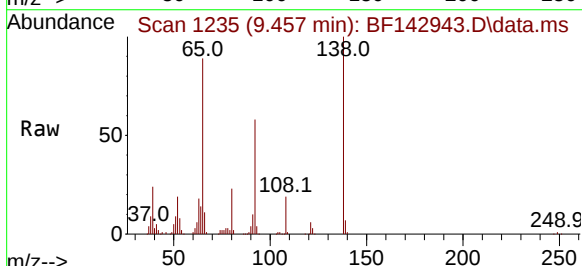
Tgt Ion: 65 Resp: 92495

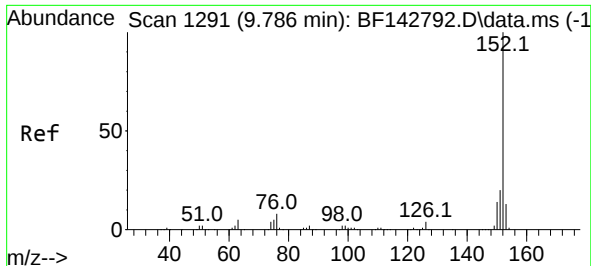
Ion Ratio Lower Upper

65 100

92 65.9 53.8 80.6

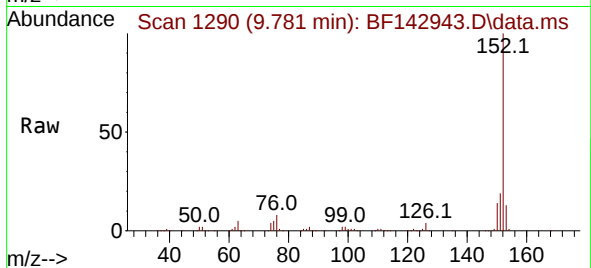
138 112.9 89.6 134.4



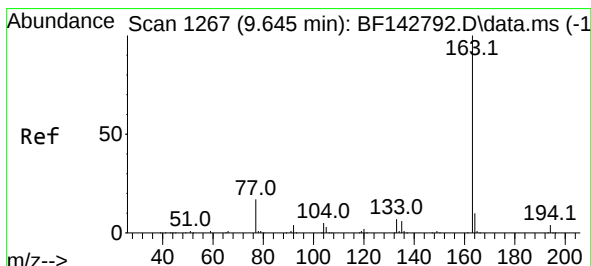
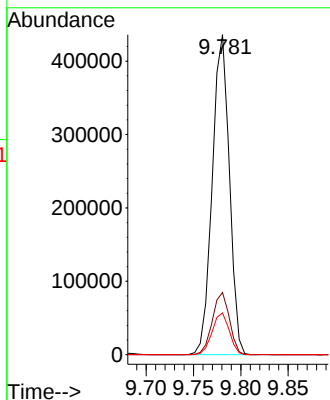
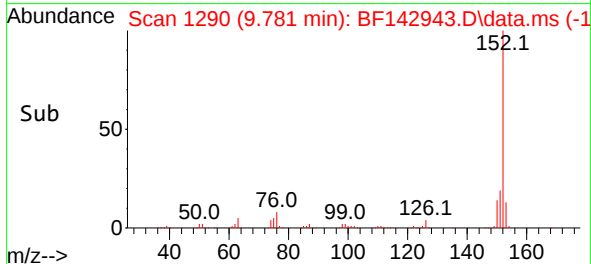


#49
Acenaphthylene
Concen: 46.211 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

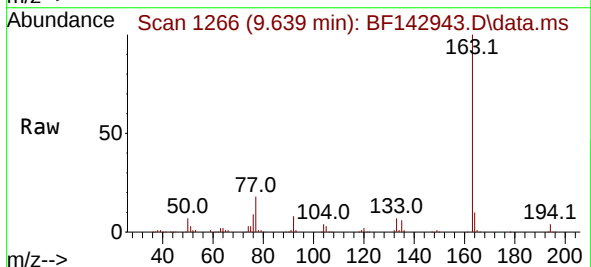
Instrument :
BNA_F
ClientSampleId :
PB168640BS



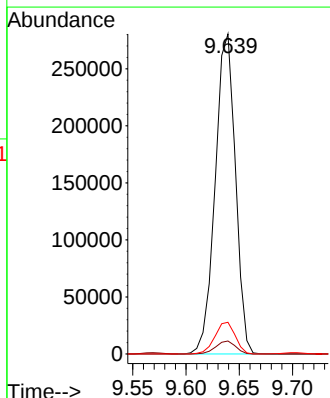
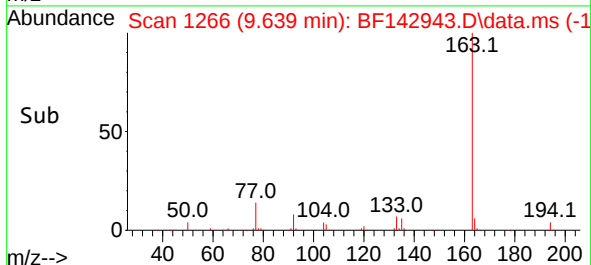
Tgt Ion:152 Resp: 548502
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 13.1 10.4 15.6

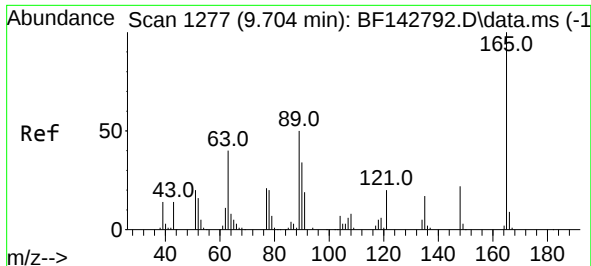


#50
Dimethylphthalate
Concen: 46.976 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48



Tgt Ion:163 Resp: 369857
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 47.916 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB168640BS

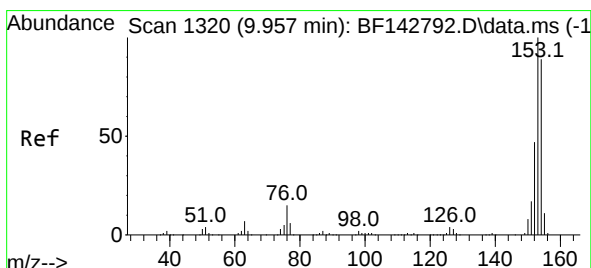
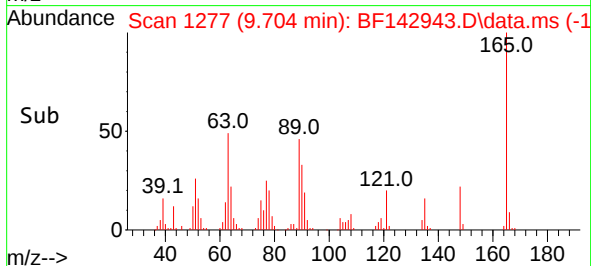
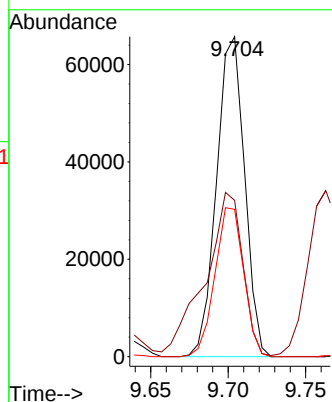
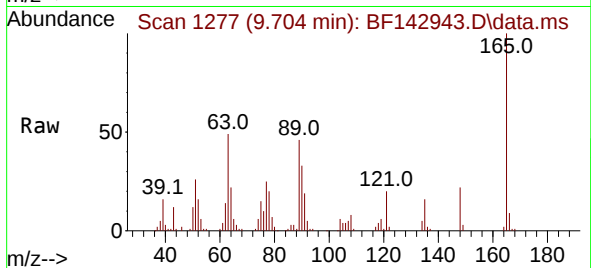
Tgt Ion:165 Resp: 82849

Ion Ratio Lower Upper

165 100

63 48.9 44.2 66.4

89 46.0 39.8 59.8



#52

Acenaphthene

Concen: 44.639 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

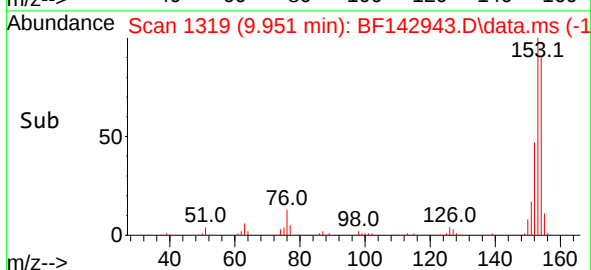
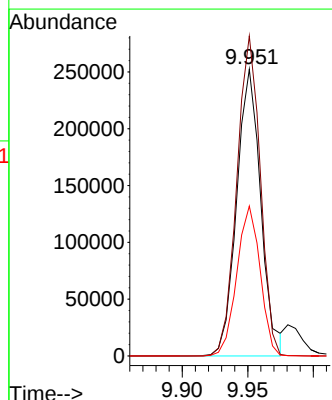
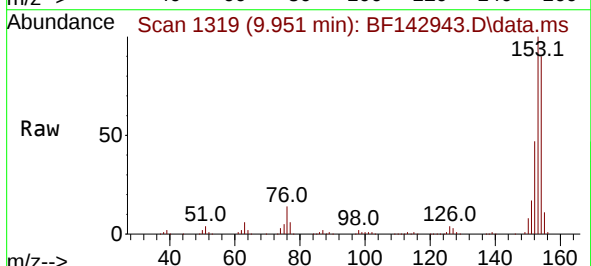
Tgt Ion:154 Resp: 323274

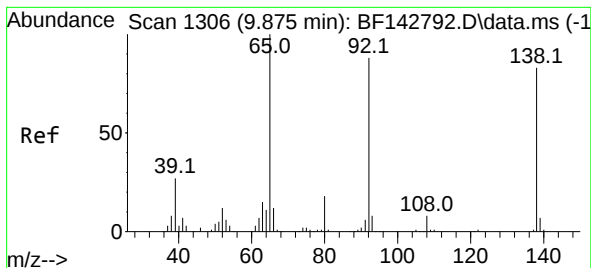
Ion Ratio Lower Upper

154 100

153 111.6 90.0 135.0

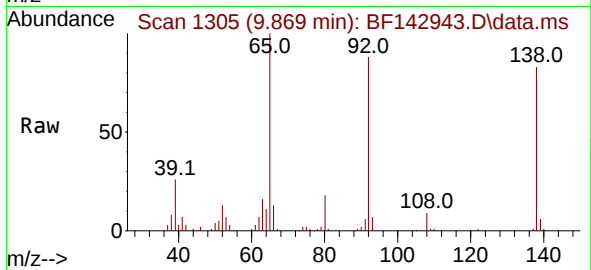
152 52.3 41.9 62.9



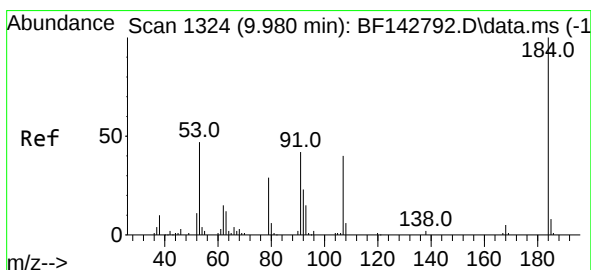
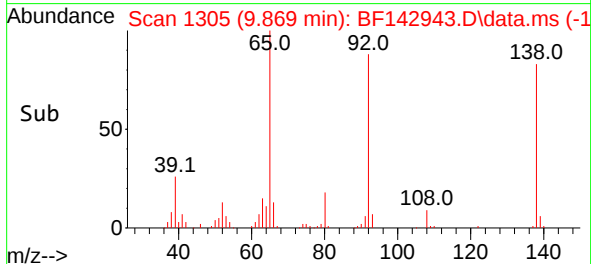
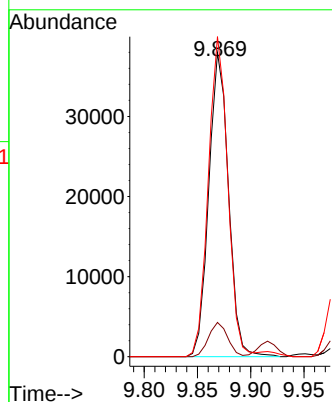


#53
3-Nitroaniline
Concen: 25.678 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Instrument :
BNA_F
ClientSampleId :
PB168640BS

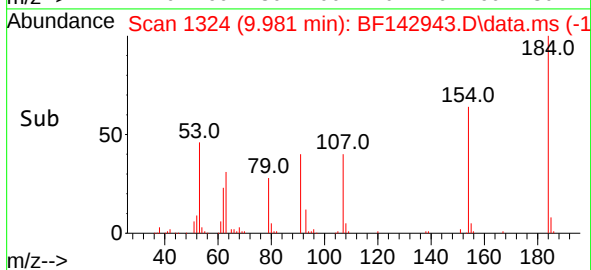
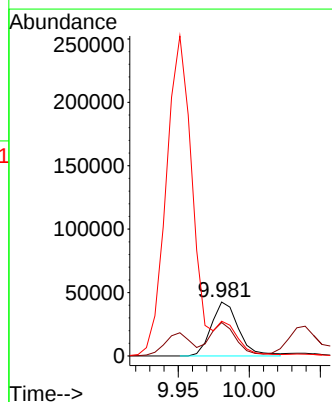
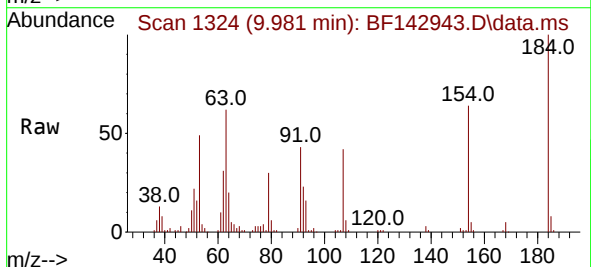


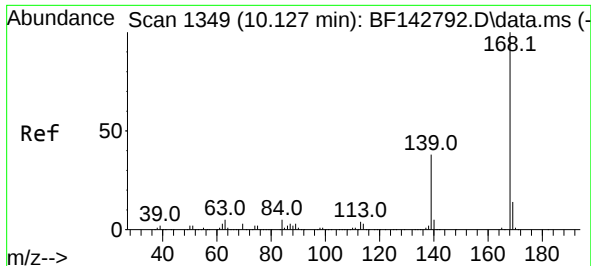
Tgt Ion:138 Resp: 48883
Ion Ratio Lower Upper
138 100
108 11.3 8.1 12.1
92 105.3 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 65.816 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:184 Resp: 56981
Ion Ratio Lower Upper
184 100
63 62.0 50.6 75.8
154 64.4 51.8 77.8

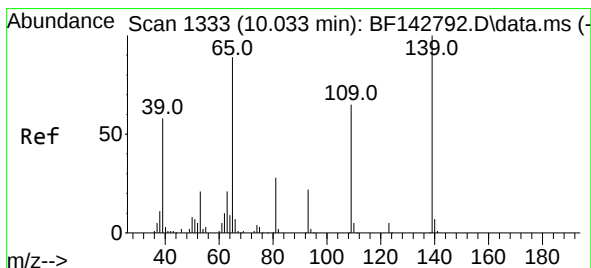
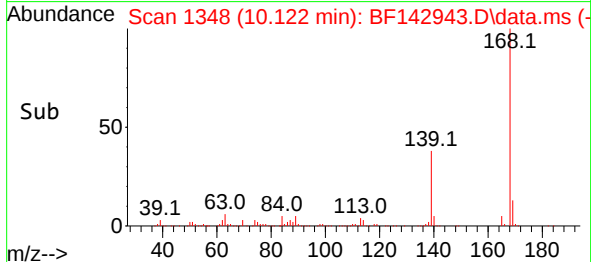
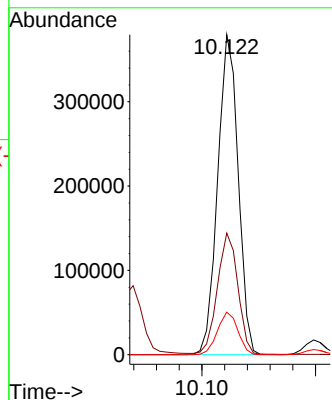
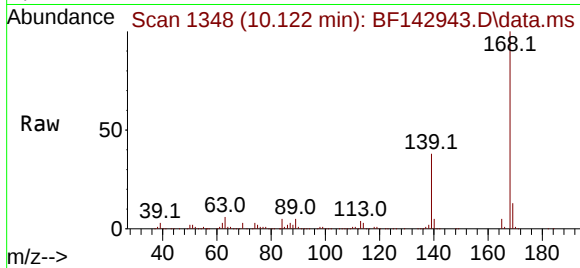




#55
Dibenzenofuran
Concen: 45.823 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

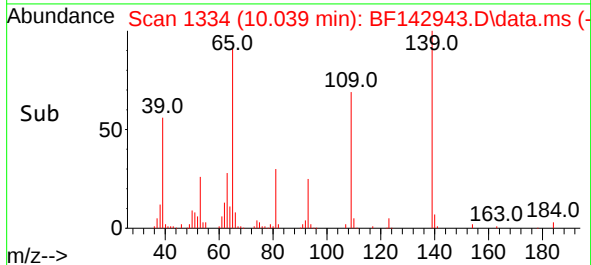
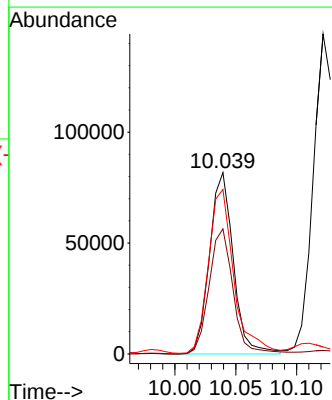
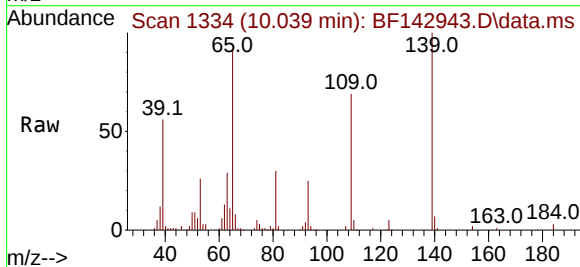
Instrument :
BNA_F
ClientSampleId :
PB168640BS

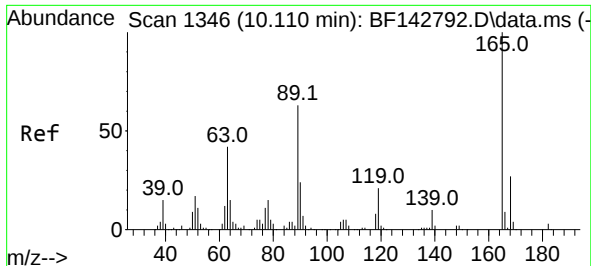
Tgt Ion:168 Resp: 475864
Ion Ratio Lower Upper
168 100
139 38.0 30.2 45.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 84.967 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:139 Resp: 110735
Ion Ratio Lower Upper
139 100
109 69.0 44.7 84.7
65 90.7 69.8 109.8

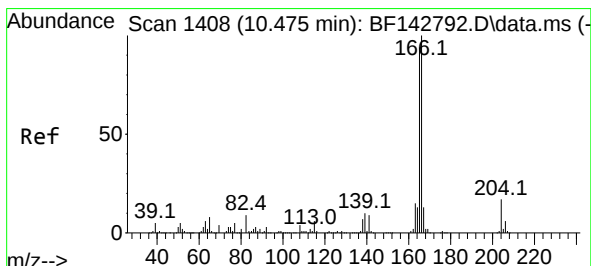
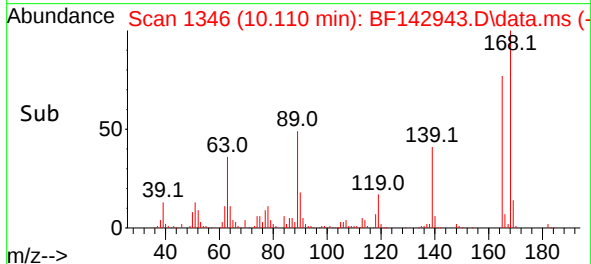
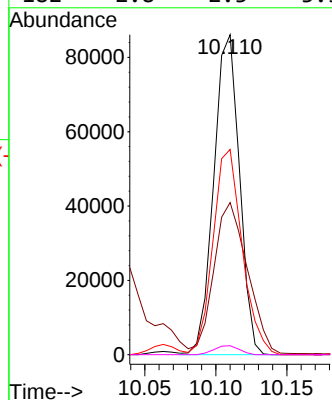
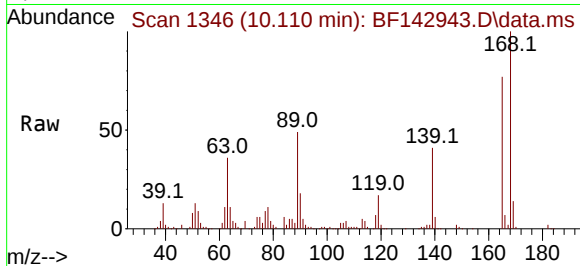




#57
2,4-Dinitrotoluene
Concen: 47.092 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

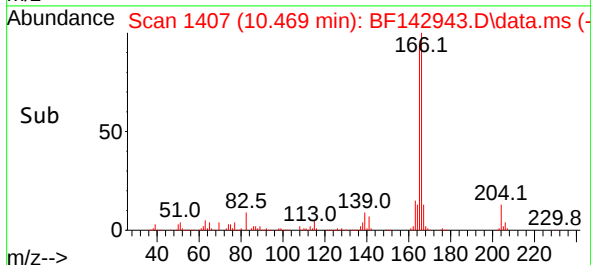
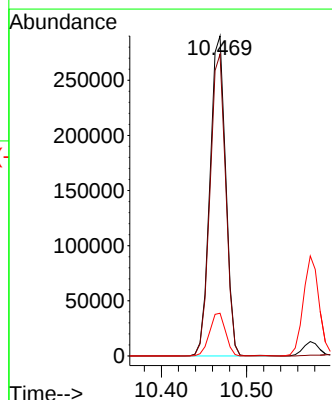
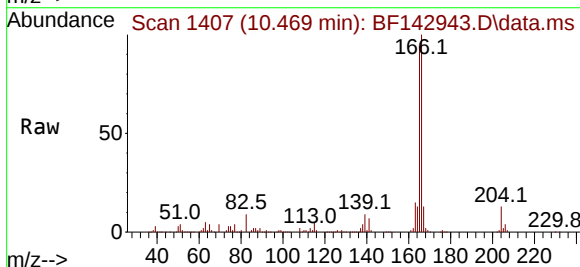
Instrument :
BNA_F
ClientSampleId :
PB168640BS

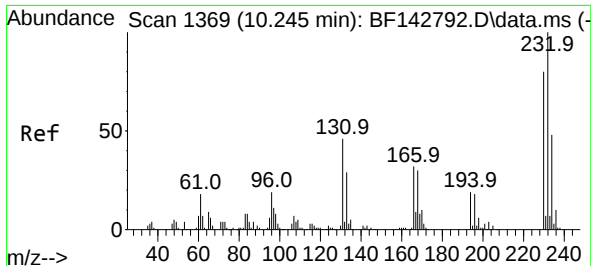
Tgt Ion:165 Resp: 108156
Ion Ratio Lower Upper
165 100
63 47.6 33.9 50.9
89 64.1 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 45.823 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:166 Resp: 371637
Ion Ratio Lower Upper
166 100
165 94.3 75.2 112.8
167 13.4 10.6 15.8

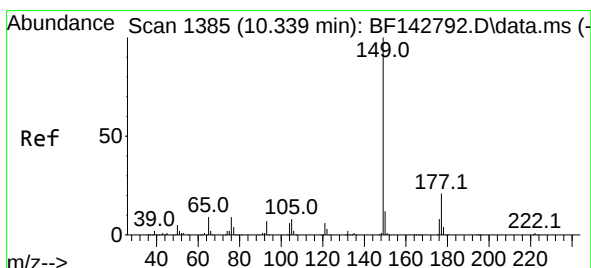
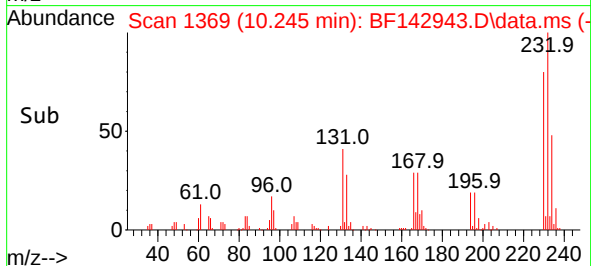
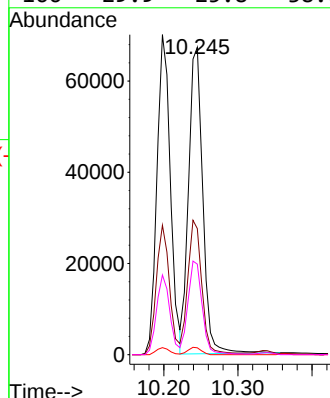
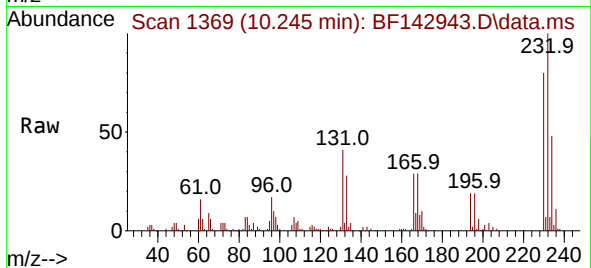




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.264 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

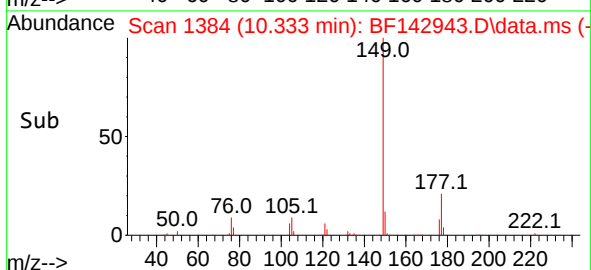
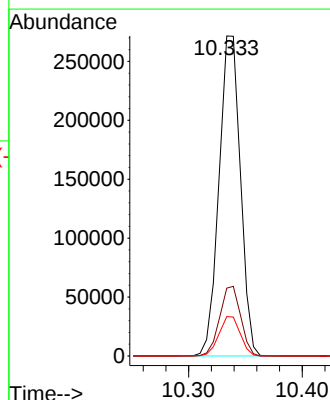
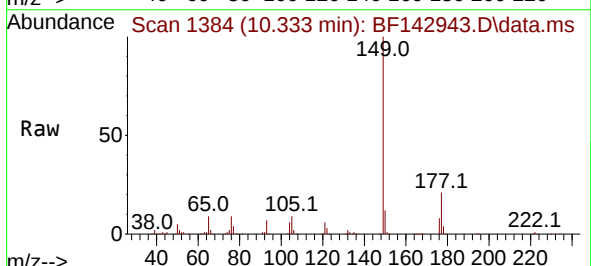
Instrument :
BNA_F
ClientSampleId :
PB168640BS

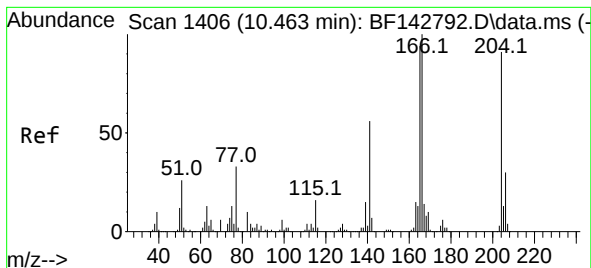
Tgt Ion:232 Resp: 89820
Ion Ratio Lower Upper
232 100
131 43.3 37.6 56.4
130 2.3 1.7 2.5
166 29.9 25.8 38.6



#60
Diethylphthalate
Concen: 46.198 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:149 Resp: 356627
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.3 9.8 14.6

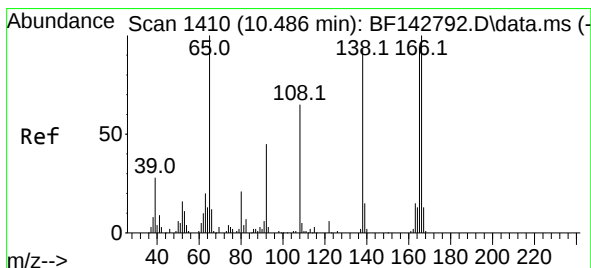
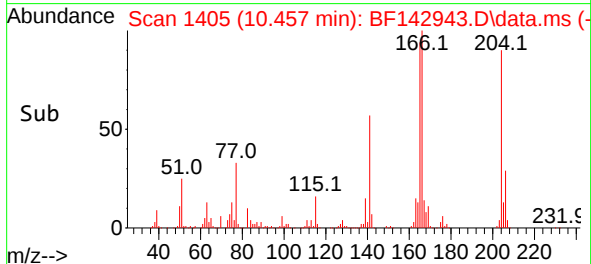
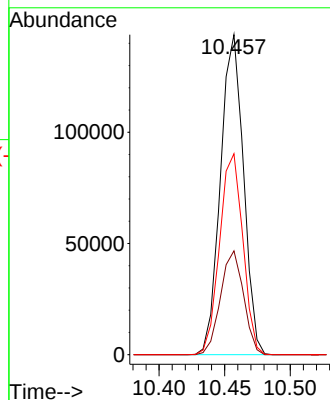
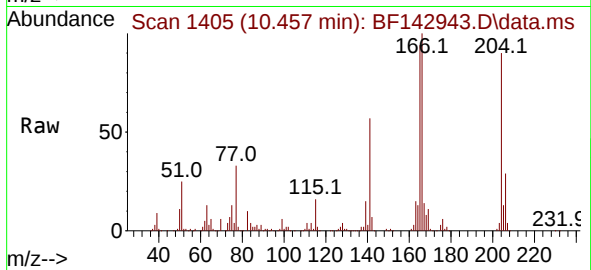




#61
4-Chlorophenyl-phenylether
Concen: 45.329 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

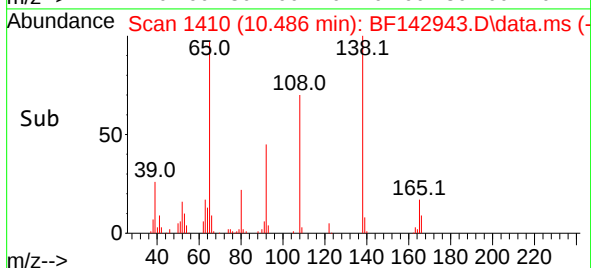
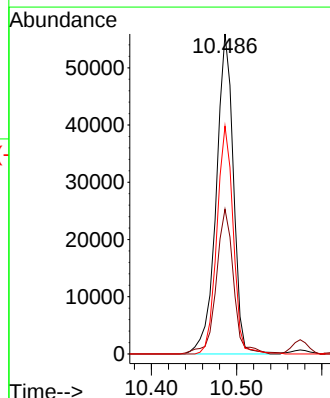
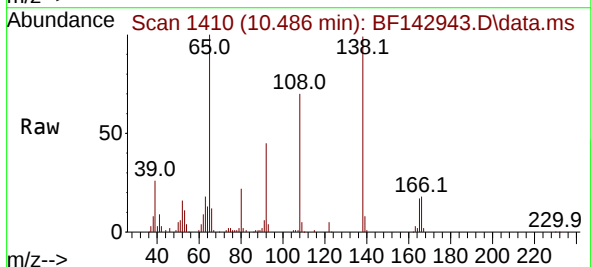
Instrument :
BNA_F
ClientSampleId :
PB168640BS

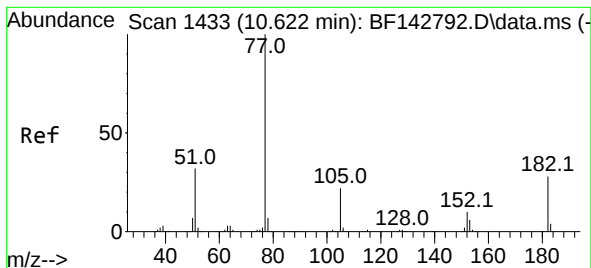
Tgt Ion:204 Resp: 175429
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 62.8 49.1 73.7



#62
4-Nitroaniline
Concen: 45.246 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:138 Resp: 78775
Ion Ratio Lower Upper
138 100
92 45.3 28.4 68.4
108 71.2 50.2 90.2





#63

Azobenzene

Concen: 45.192 ng

RT: 10.616 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB168640BS

Tgt Ion: 77 Resp: 311803

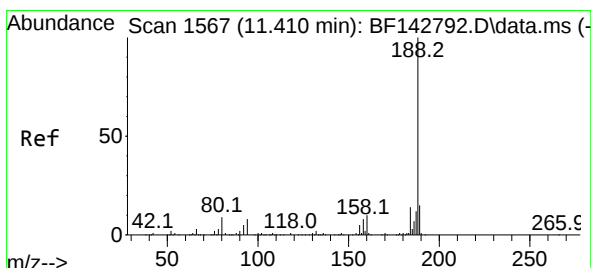
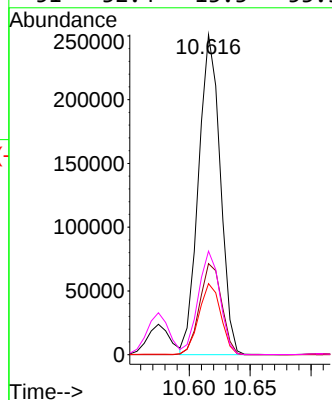
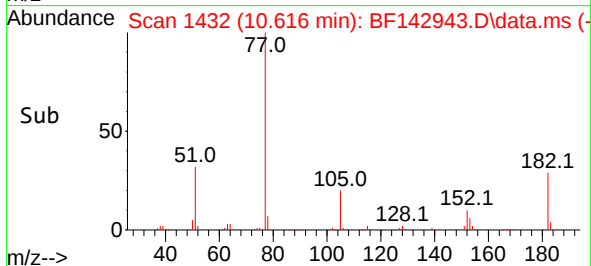
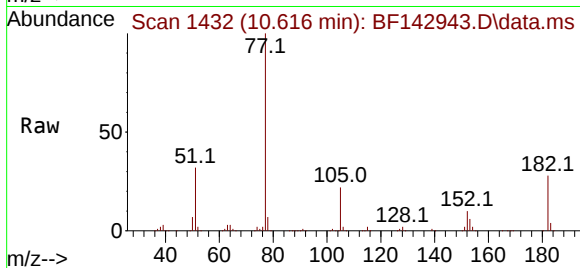
Ion Ratio Lower Upper

77 100

182 28.4 7.7 47.7

105 22.2 1.9 41.9

51 32.4 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

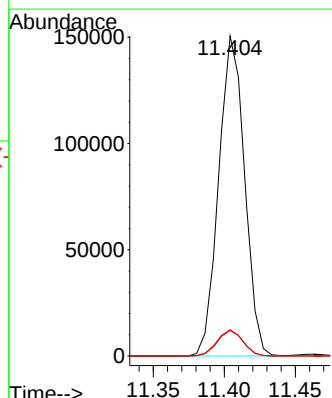
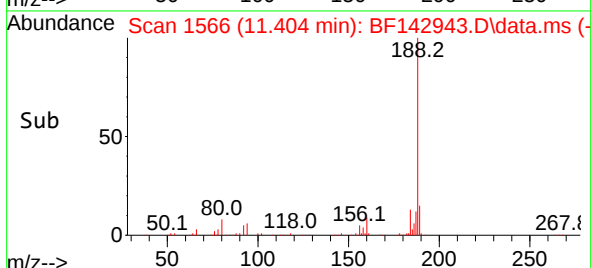
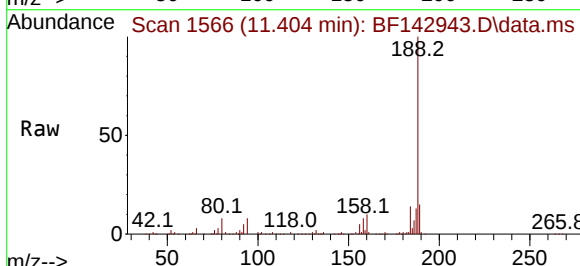
Tgt Ion: 188 Resp: 190803

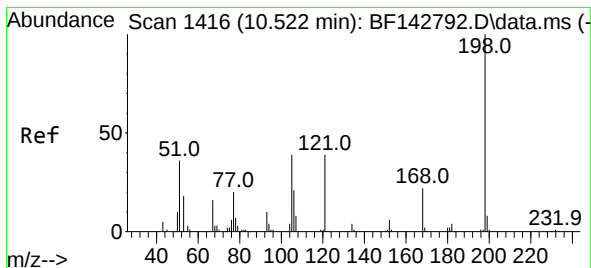
Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

80 8.2 6.9 10.3

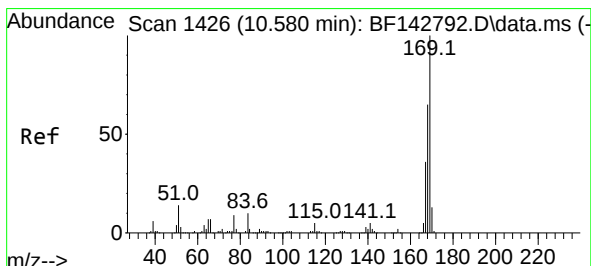
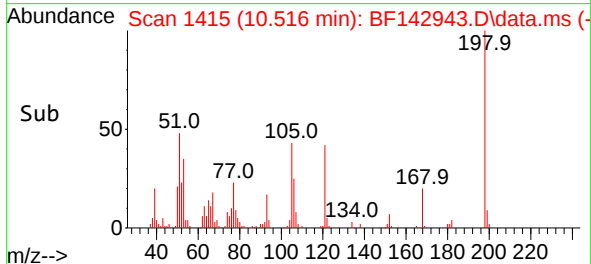
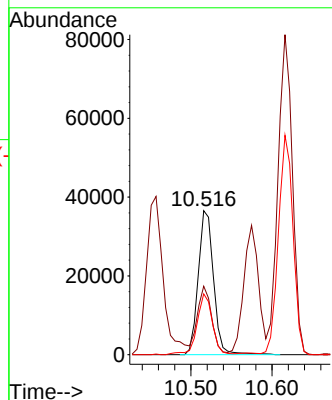
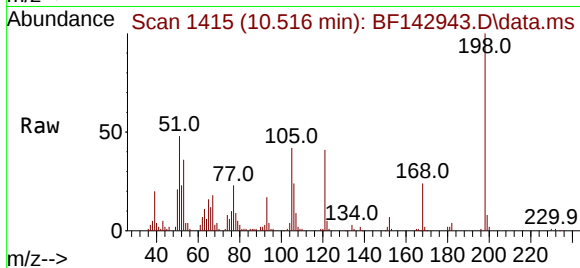




#65
4,6-Dinitro-2-methylphenol
Concen: 41.638 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

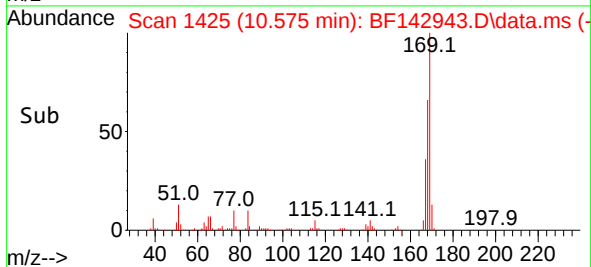
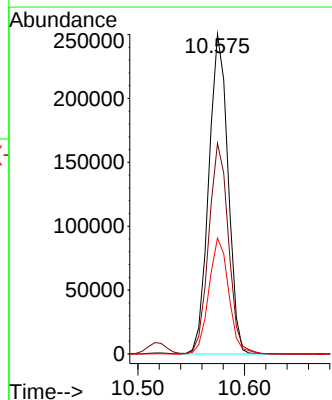
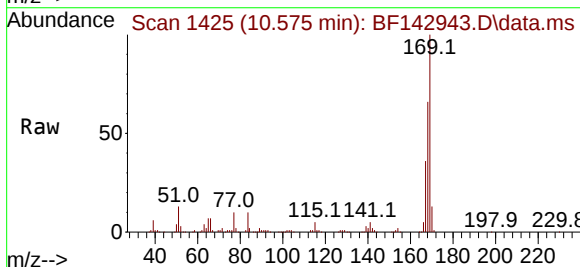
Instrument :
BNA_F
ClientSampleId :
PB168640BS

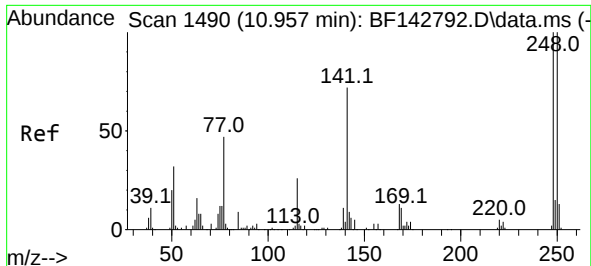
Tgt Ion:198 Resp: 48055
Ion Ratio Lower Upper
198 100
51 47.5 25.4 65.4
105 42.2 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 47.425 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:169 Resp: 313612
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 36.2 28.5 42.7

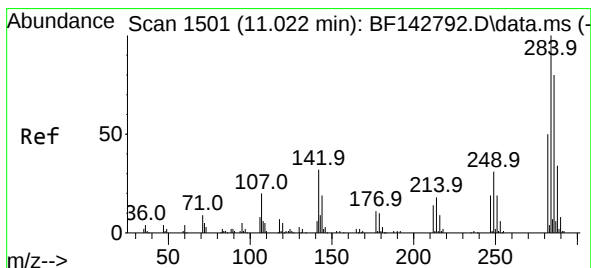
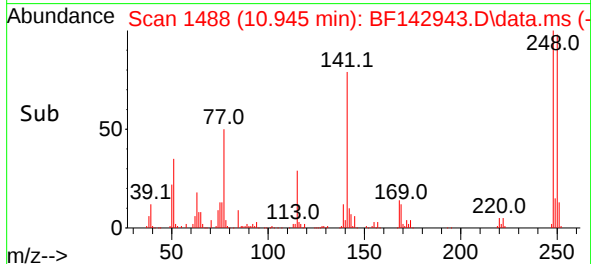
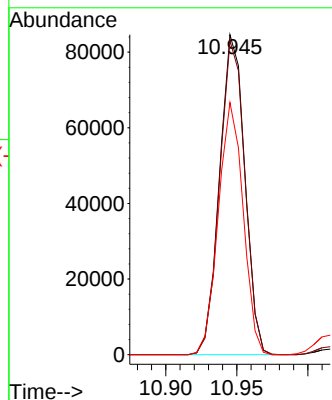
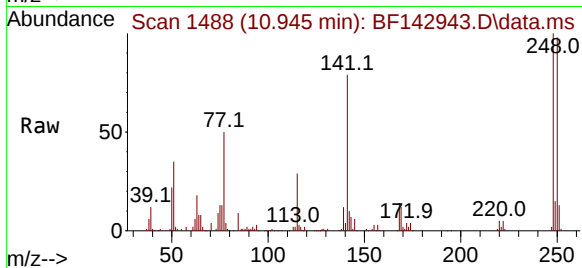




#67
4-Bromophenyl-phenylether
Concen: 48.217 ng
RT: 10.945 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

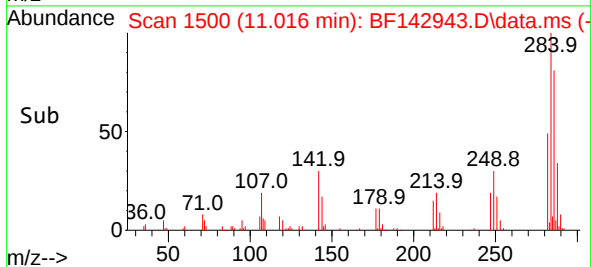
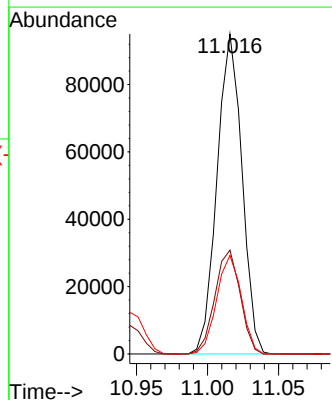
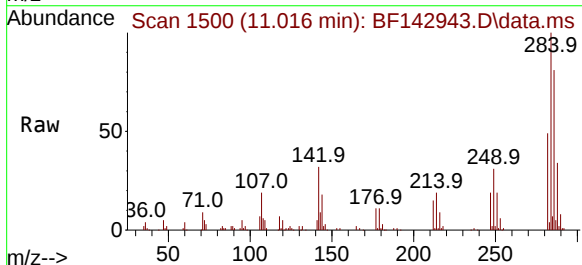
Instrument :
BNA_F
ClientSampleId :
PB168640BS

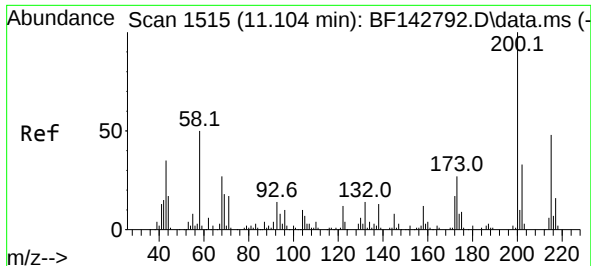
Tgt Ion:248 Resp: 104704
Ion Ratio Lower Upper
248 100
250 98.1 79.8 119.8
141 78.8 57.8 86.6



#68
Hexachlorobenzene
Concen: 48.007 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:284 Resp: 115836
Ion Ratio Lower Upper
284 100
142 32.4 25.5 38.3
249 30.8 24.9 37.3

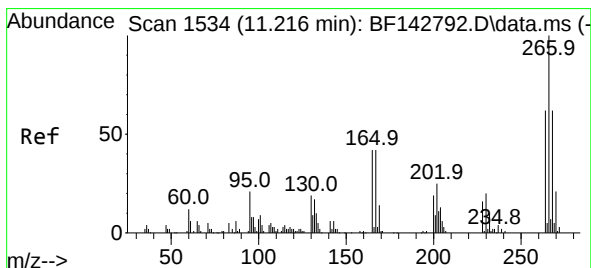
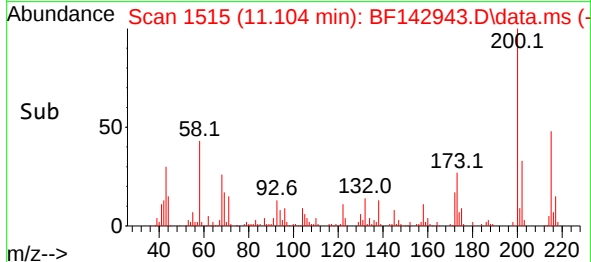
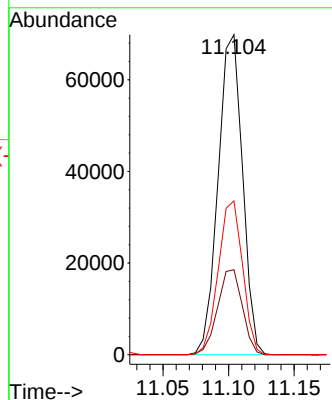
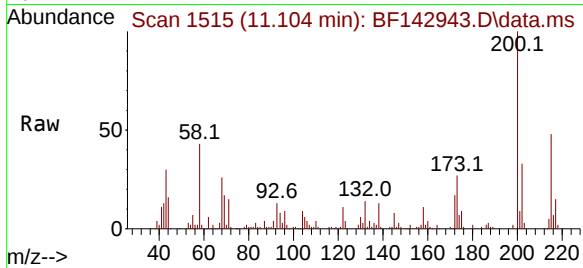




#69
 Atrazine
 Concen: 52.943 ng
 RT: 11.104 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142943.D
 Acq: 01 Jul 2025 11:48

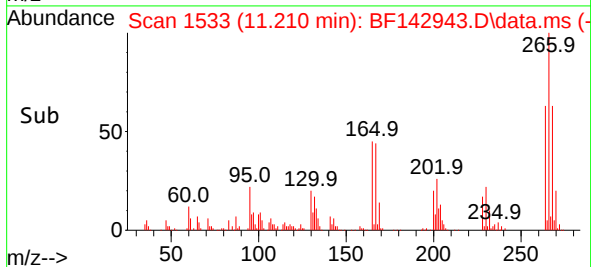
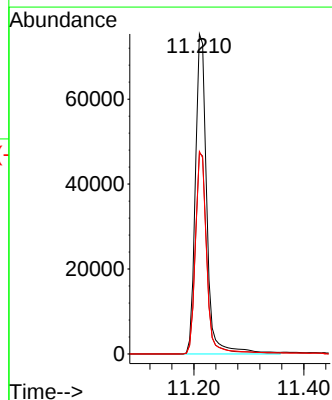
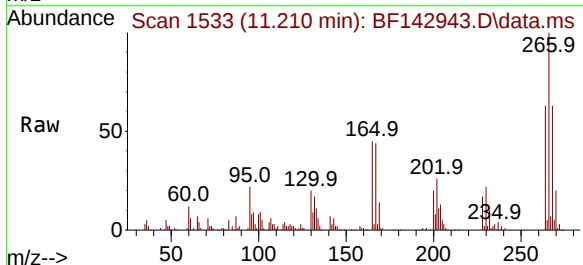
Instrument :
 BNA_F
 ClientSampleId :
 PB168640BS

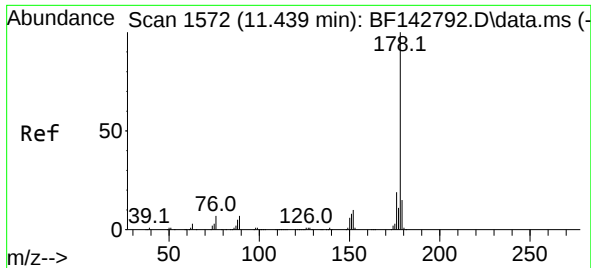
Tgt Ion:200 Resp: 90407
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.4 47.4
 215 48.1 28.4 68.4



#70
 Pentachlorophenol
 Concen: 90.201 ng
 RT: 11.210 min Scan# 1533
 Delta R.T. -0.006 min
 Lab File: BF142943.D
 Acq: 01 Jul 2025 11:48

Tgt Ion:266 Resp: 108454
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.8 74.8
 264 63.3 49.9 74.9

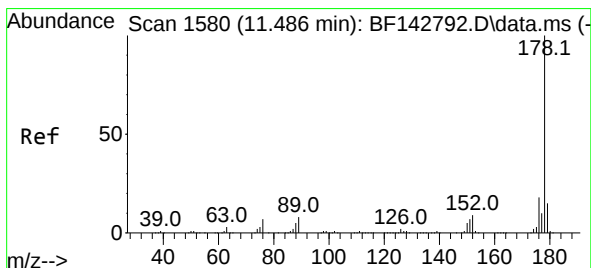
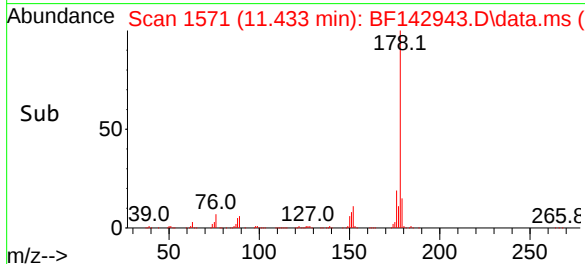
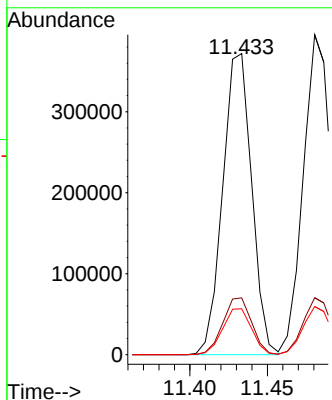
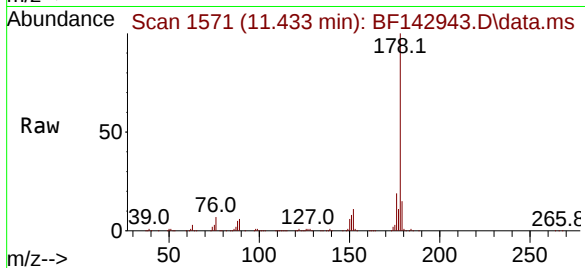




#71
Phenanthrene
Concen: 46.810 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

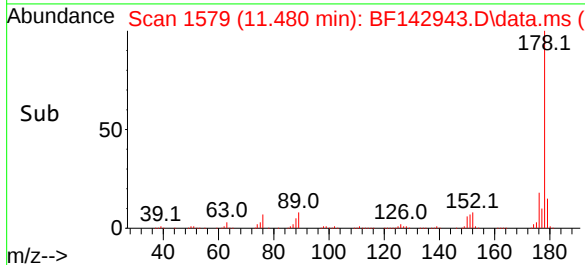
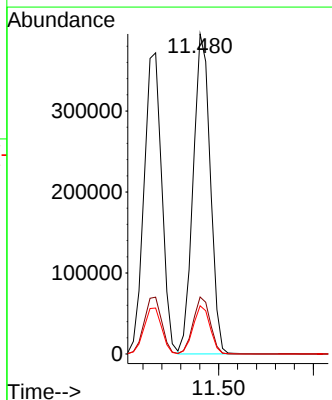
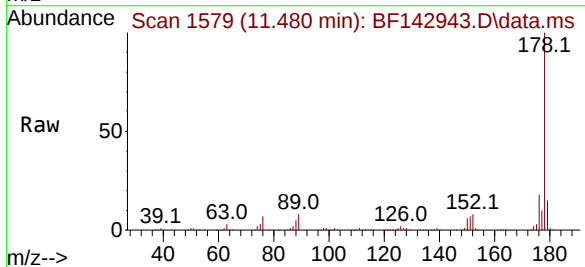
Instrument :
BNA_F
ClientSampleId :
PB168640BS

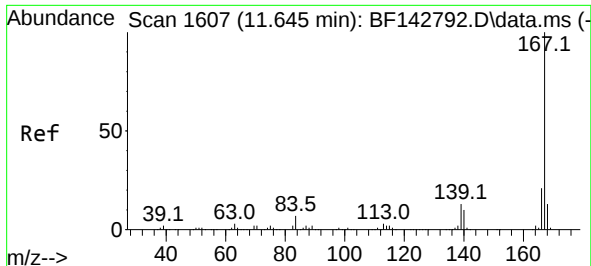
Tgt Ion:178 Resp: 483823
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.2 12.0 18.0



#72
Anthracene
Concen: 46.716 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:178 Resp: 495206
Ion Ratio Lower Upper
178 100
176 17.8 14.6 21.8
179 15.1 12.4 18.6

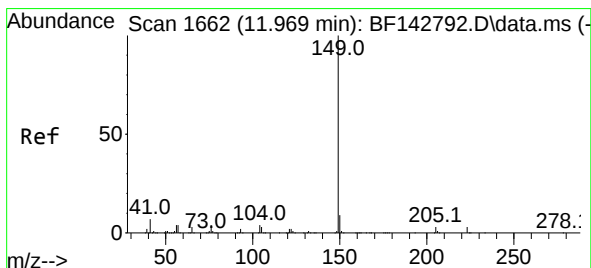
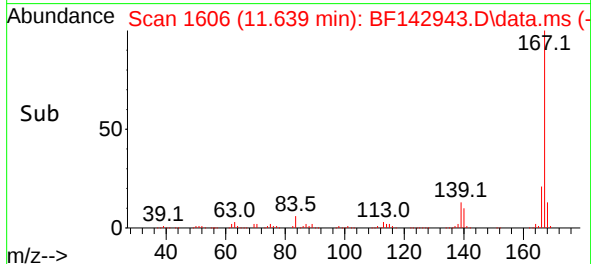
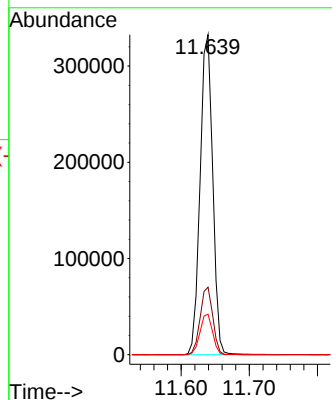
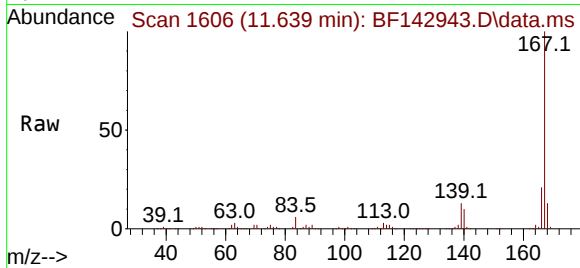




#73
 Carbazole
 Concen: 46.814 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142943.D
 Acq: 01 Jul 2025 11:48

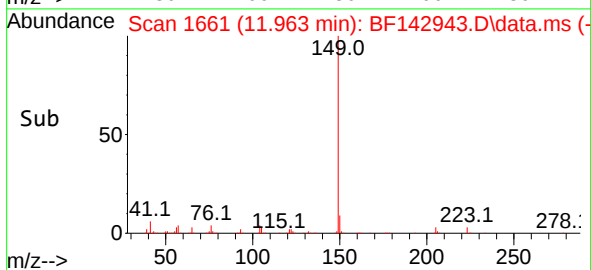
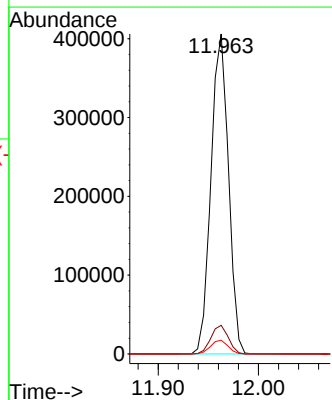
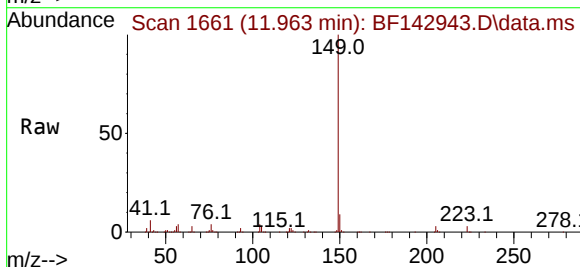
Instrument :
 BNA_F
 ClientSampleId :
 PB168640BS

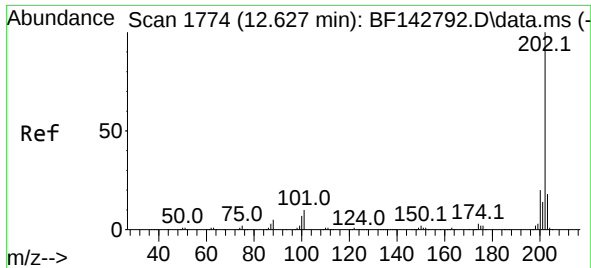
Tgt Ion:167 Resp: 428241
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 12.6 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 51.525 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142943.D
 Acq: 01 Jul 2025 11:48

Tgt Ion:149 Resp: 491012
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.3 3.5 5.3

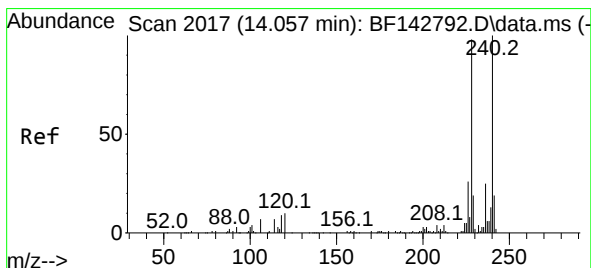
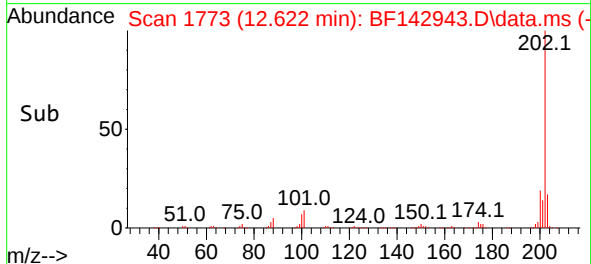
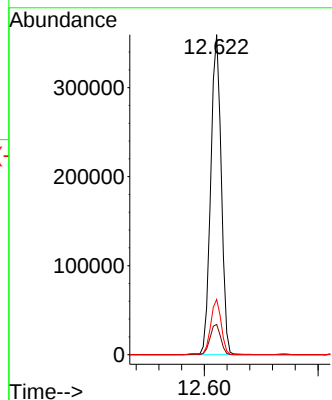
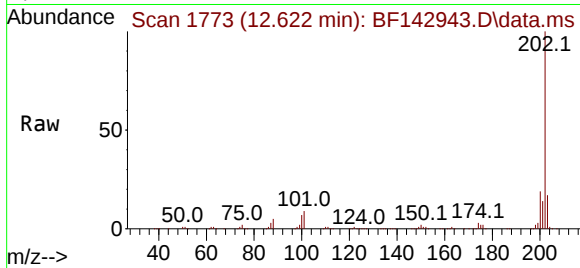




#75
Fluoranthene
Concen: 46.701 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

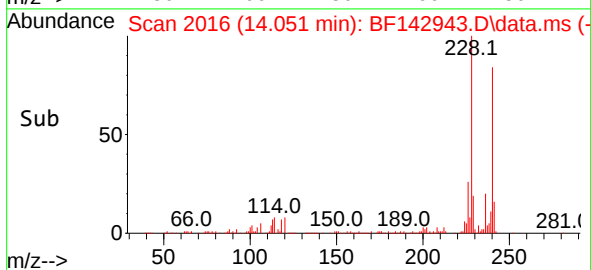
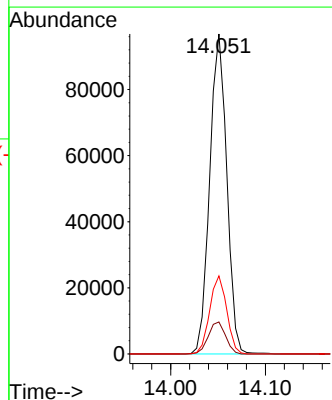
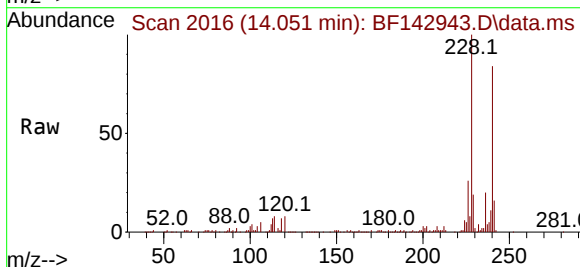
Instrument :
BNA_F
ClientSampleId :
PB168640BS

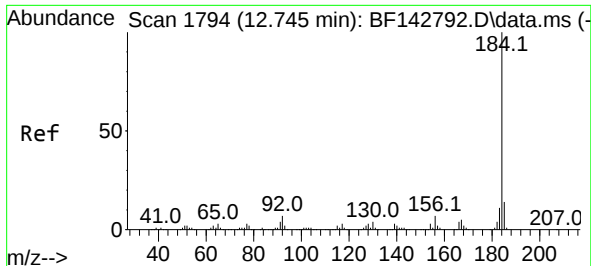
Tgt Ion:202 Resp: 458096
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:240 Resp: 120825
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 24.4 19.8 29.8

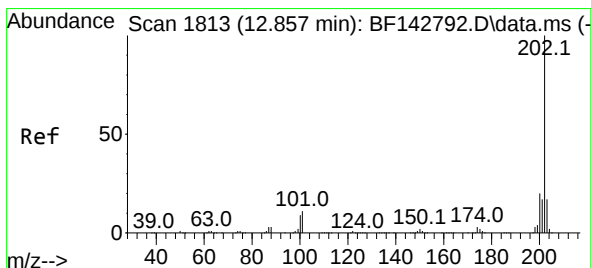
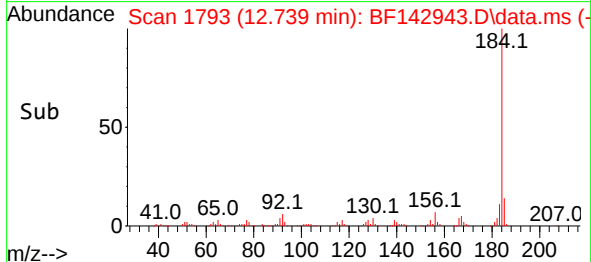
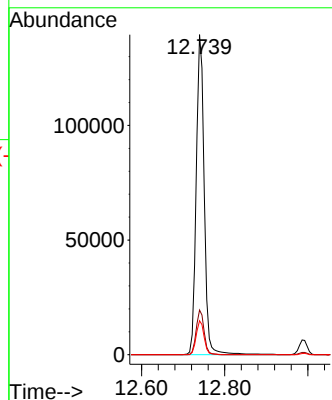
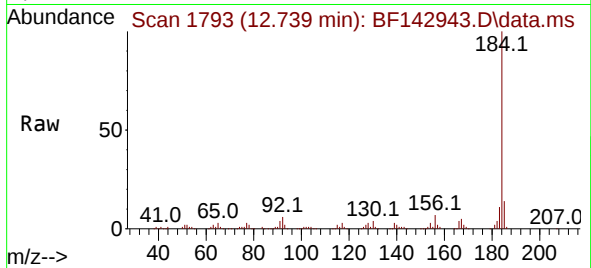




#77
Benzidine
Concen: 41.069 ng
RT: 12.739 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

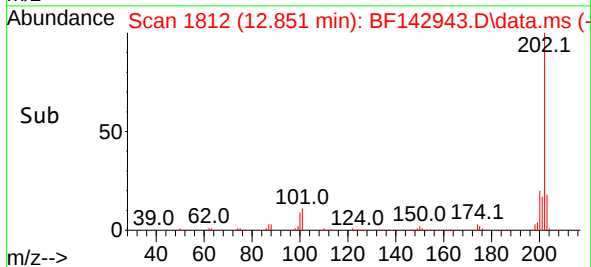
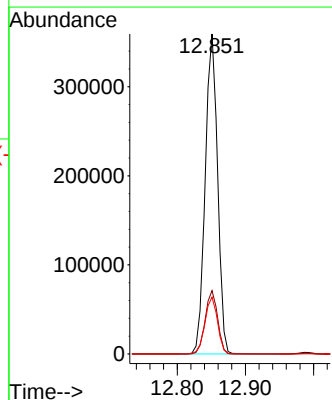
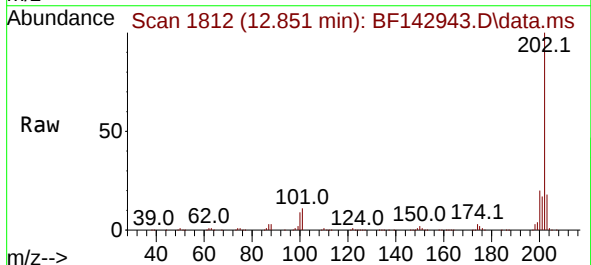
Instrument :
BNA_F
ClientSampleId :
PB168640BS

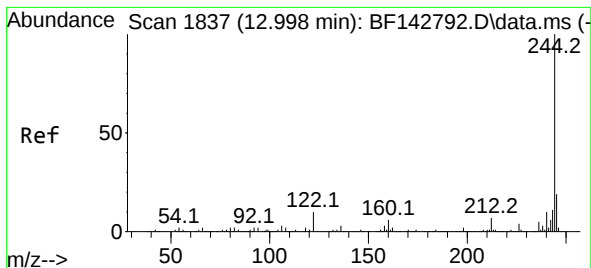
Tgt Ion:184 Resp: 186436
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 10.6 9.0 13.4



#78
Pyrene
Concen: 39.978 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:202 Resp: 452768
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 73.311 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB168640BS

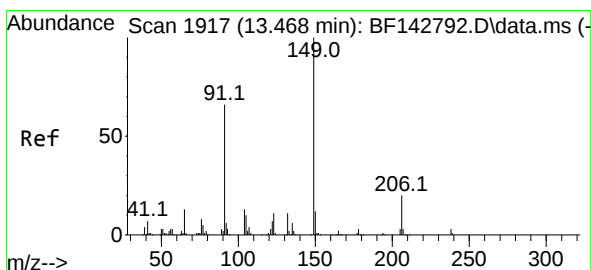
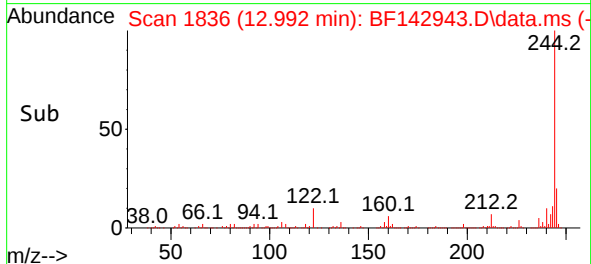
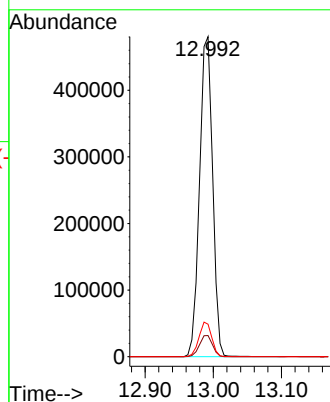
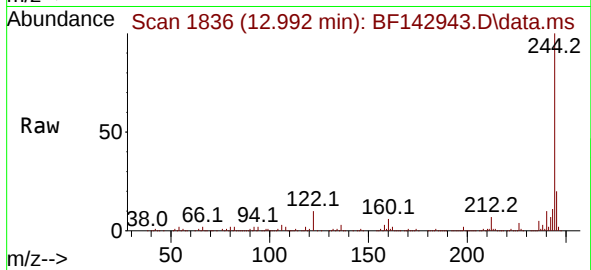
Tgt Ion:244 Resp: 641083

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 52.431 ng

RT: 13.463 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

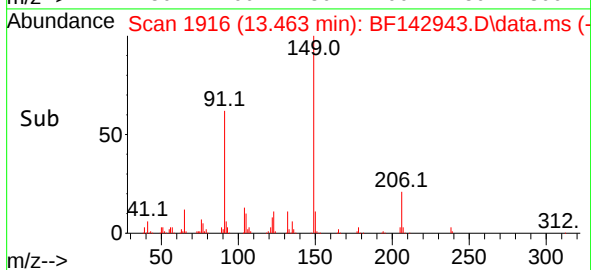
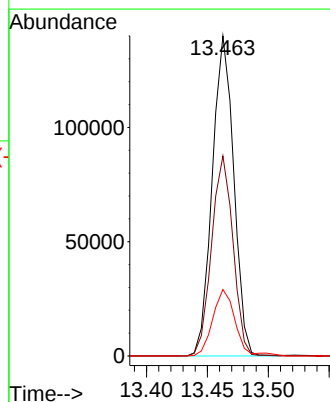
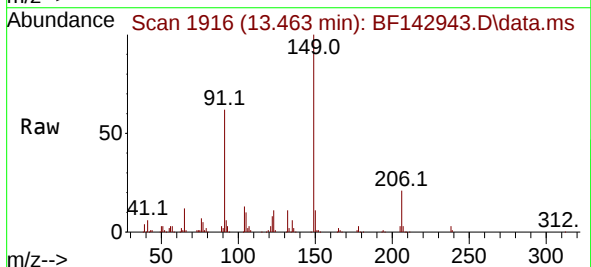
Tgt Ion:149 Resp: 172246

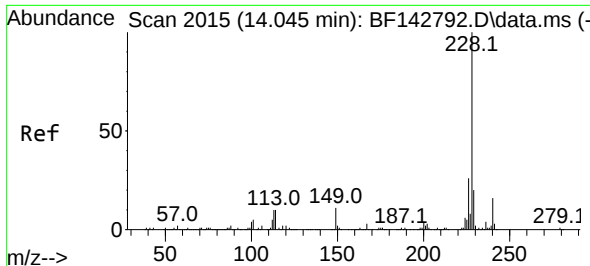
Ion Ratio Lower Upper

149 100

91 62.5 52.9 79.3

206 20.7 16.3 24.5

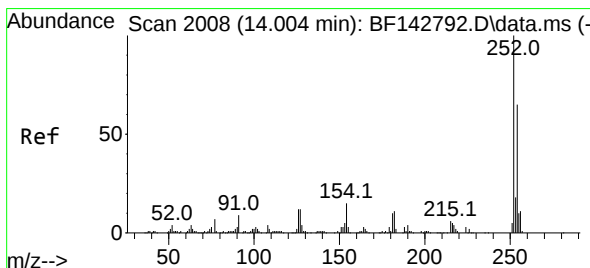
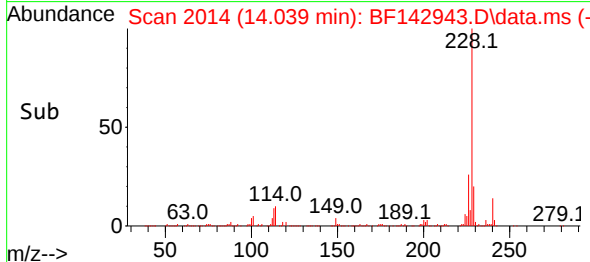
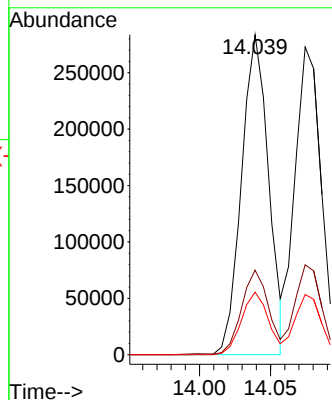
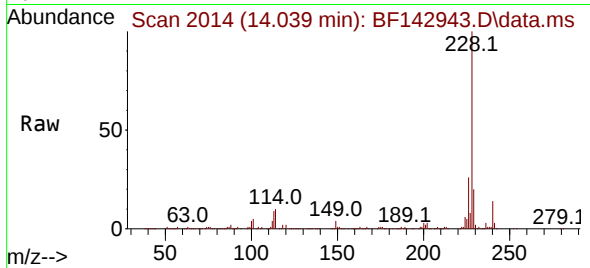




#81
Benzo(a)anthracene
Concen: 46.138 ng
RT: 14.039 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

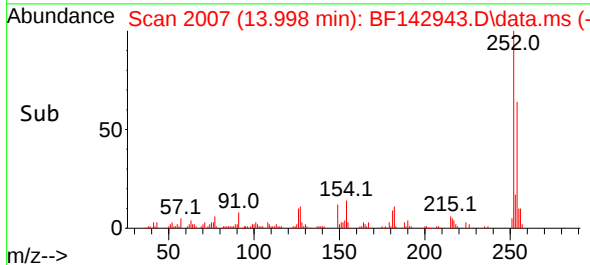
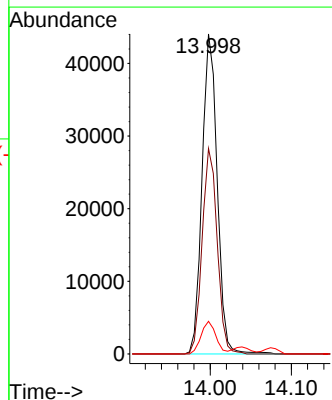
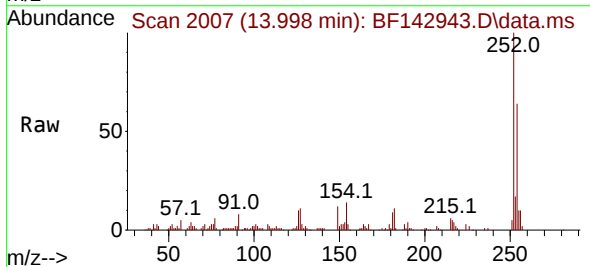
Instrument :
BNA_F
ClientSampleId :
PB168640BS

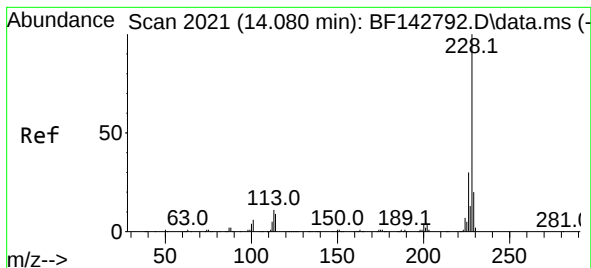
Tgt Ion:228 Resp: 376068
Ion Ratio Lower Upper
228 100
226 26.4 21.2 31.8
229 19.5 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 21.583 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:252 Resp: 57062
Ion Ratio Lower Upper
252 100
254 64.2 51.7 77.5
126 10.2 9.4 14.2





#83

Chrysene

Concen: 47.937 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB168640BS

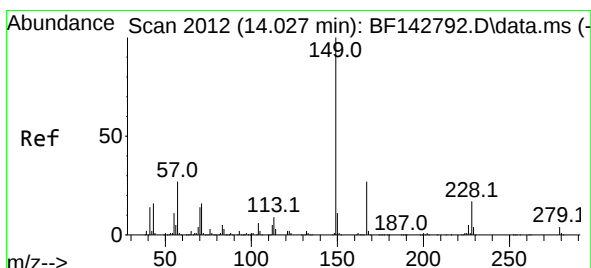
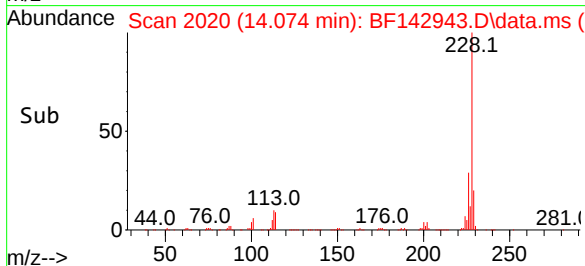
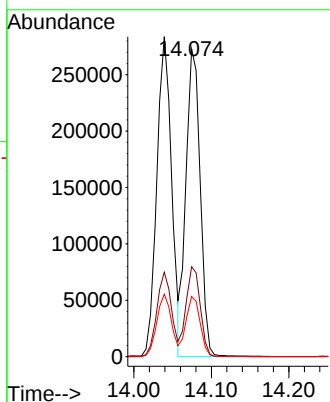
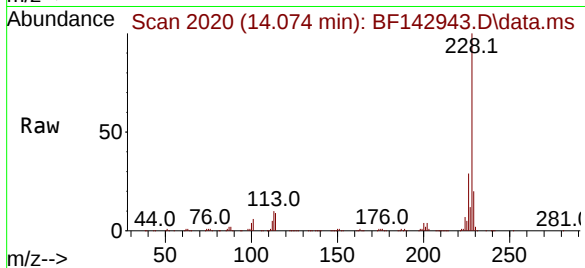
Tgt Ion:228 Resp: 348659

Ion Ratio Lower Upper

228 100

226 29.2 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.710 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

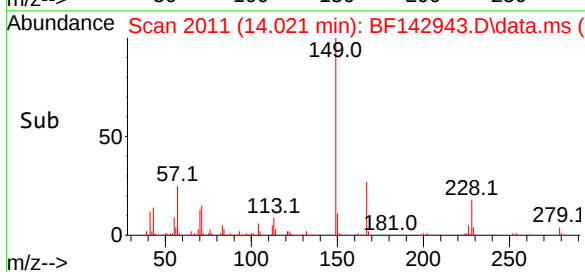
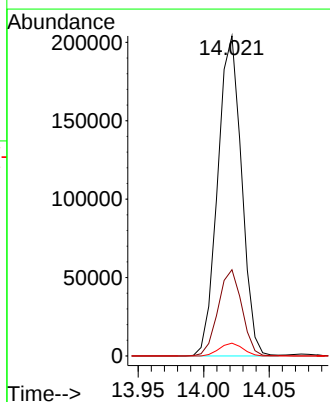
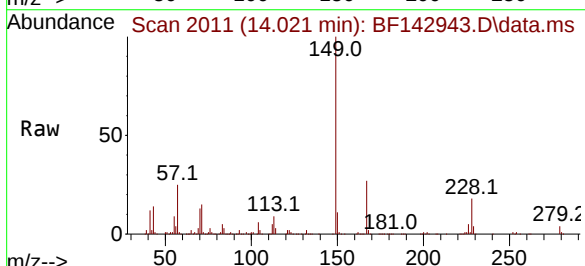
Tgt Ion:149 Resp: 258596

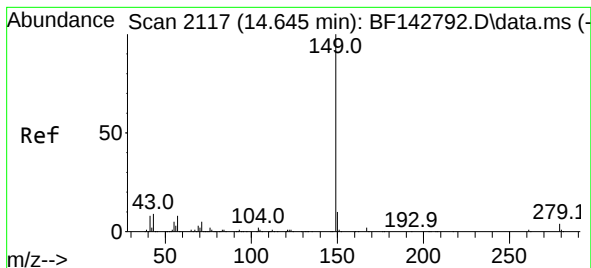
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.0 3.0 4.6

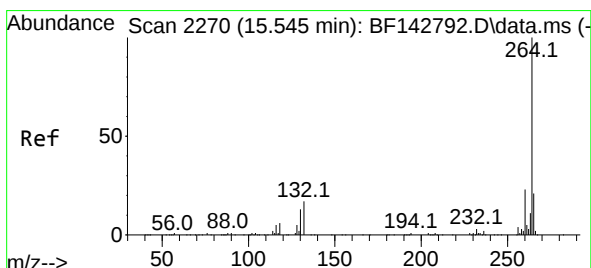
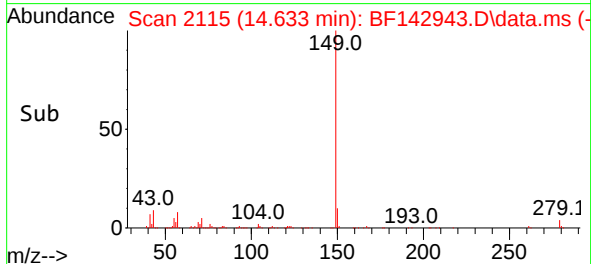
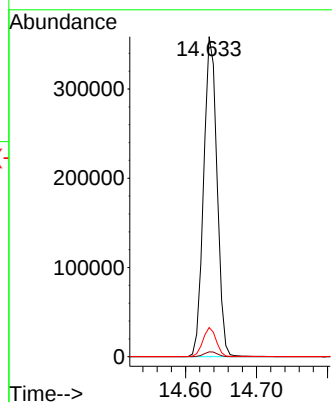
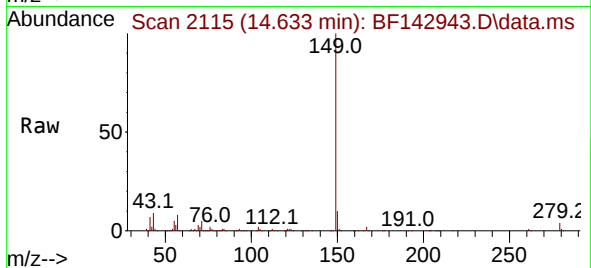




#85
Di-n-octyl phthalate
Concen: 52.939 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

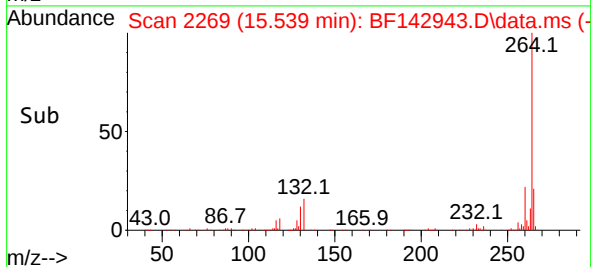
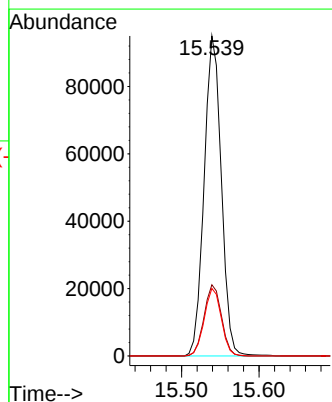
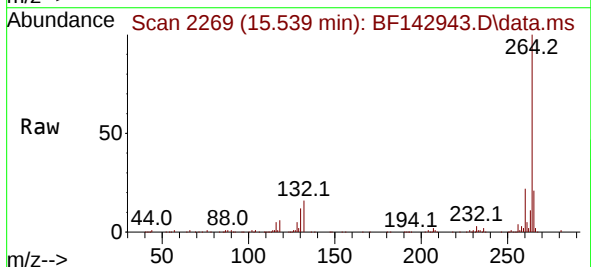
Instrument :
BNA_F
ClientSampleId :
PB168640BS

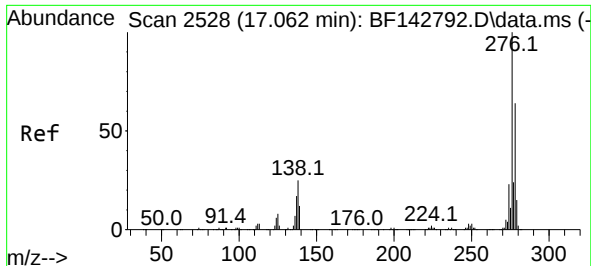
Tgt Ion:149 Resp: 471833
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:264 Resp: 146230
Ion Ratio Lower Upper
264 100
260 22.3 18.1 27.1
265 21.1 16.6 25.0

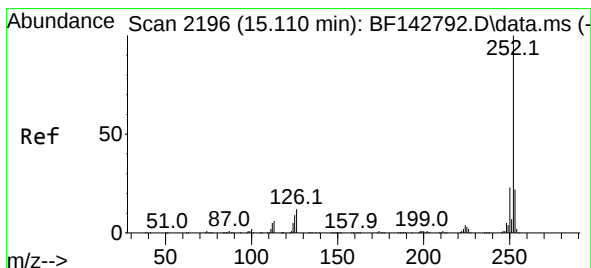
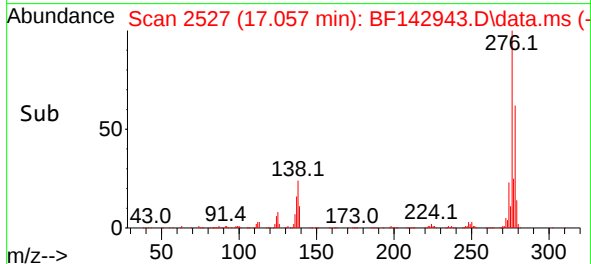
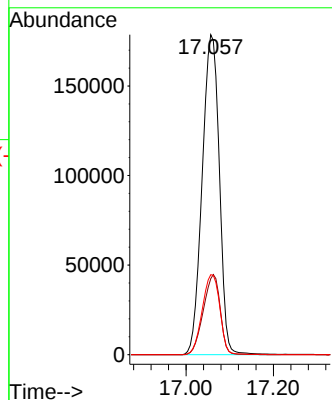
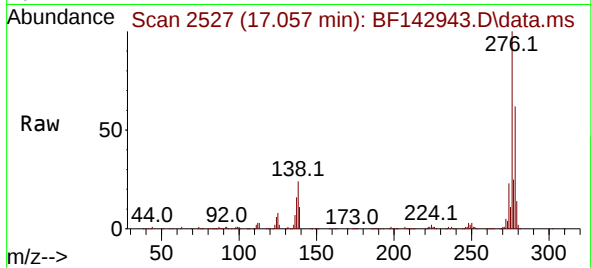




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.799 ng
RT: 17.057 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

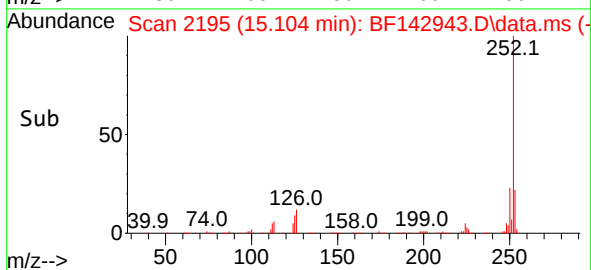
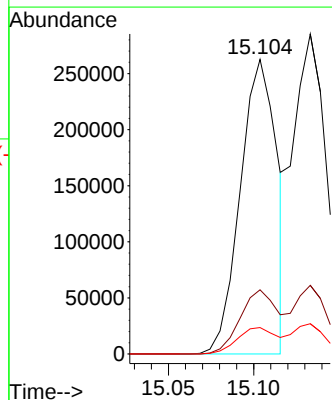
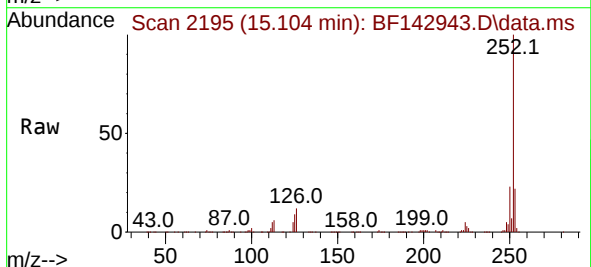
Instrument :
BNA_F
ClientSampleId :
PB168640BS

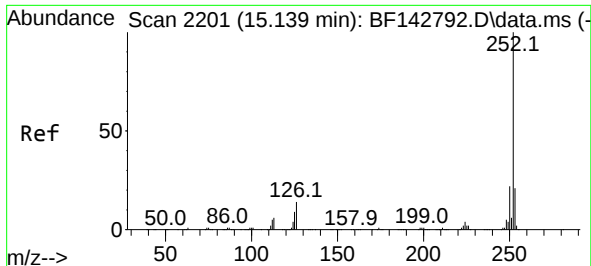
Tgt Ion:276 Resp: 487839
Ion Ratio Lower Upper
276 100
138 24.6 20.2 30.4
277 25.7 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 46.342 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:252 Resp: 392127
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.729 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB168640BS

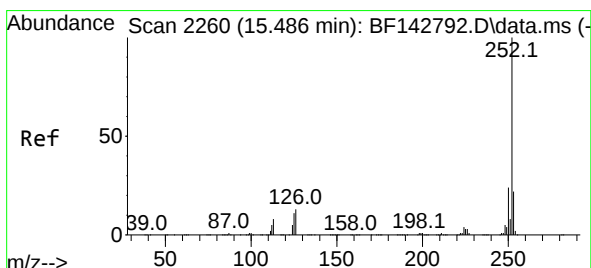
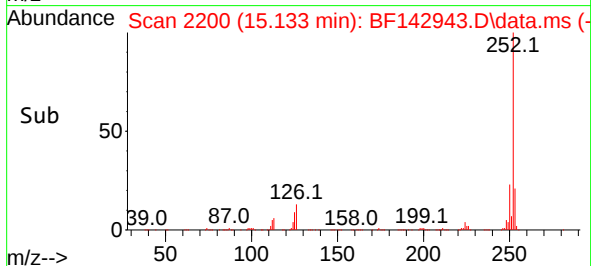
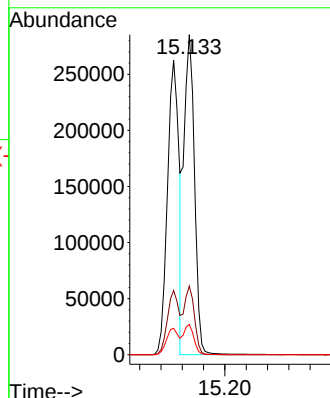
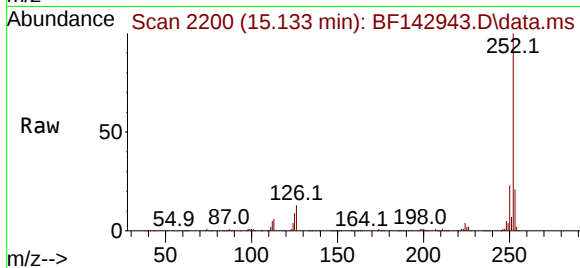
Tgt Ion:252 Resp: 393673

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 9.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 48.221 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142943.D

Acq: 01 Jul 2025 11:48

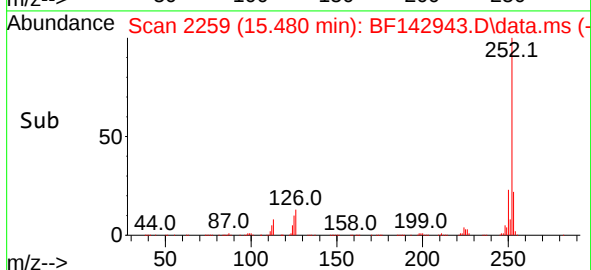
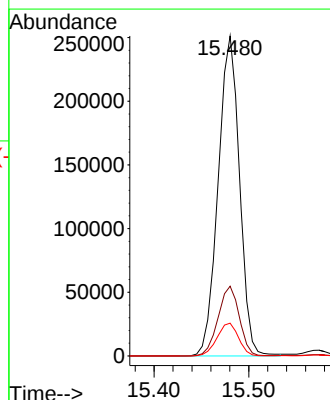
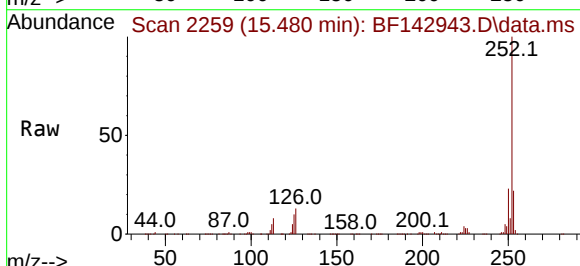
Tgt Ion:252 Resp: 394177

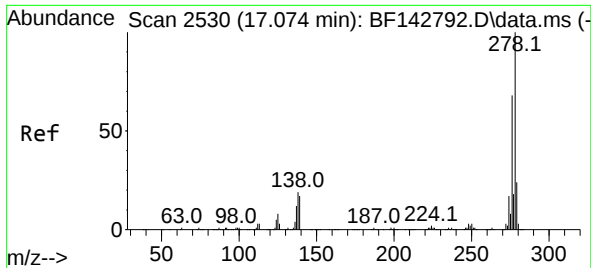
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.3 8.6 12.8

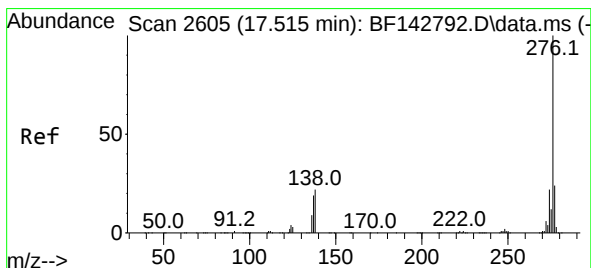
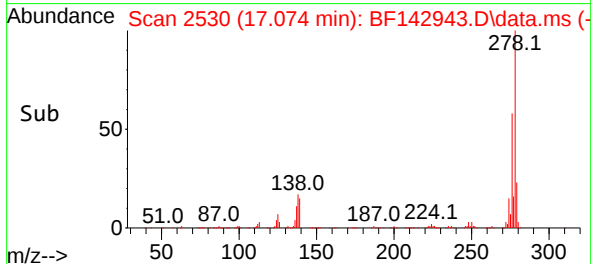
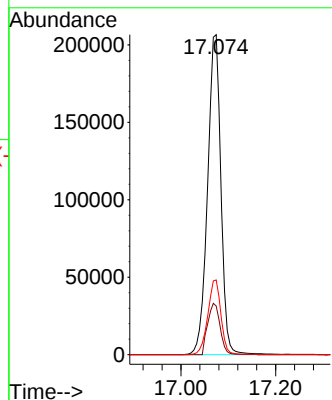
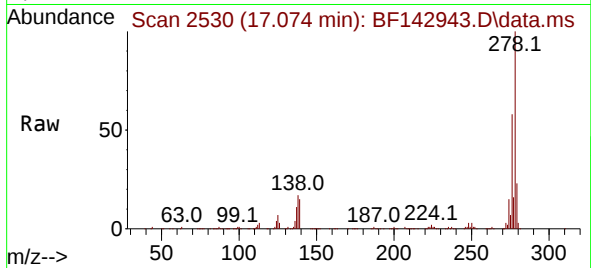




#91
Dibenzo(a,h)anthracene
Concen: 44.729 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Instrument :
BNA_F
ClientSampleId :
PB168640BS

Tgt Ion:278 Resp: 404798
Ion Ratio Lower Upper
278 100
139 15.2 13.5 20.3
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.979 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142943.D
Acq: 01 Jul 2025 11:48

Tgt Ion:276 Resp: 396879
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 21.4 17.6 26.4

