

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
 Data File : BF142993.D
 Acq On : 03 Jul 2025 12:54
 Operator : RC/JU
 Sample : PB168685BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168685BS

Quant Time: Jul 03 13:13:26 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	60212	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	225278	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	112222	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	170842	20.000	ng	0.00
76) Chrysene-d12	14.057	240	115022	20.000	ng	0.00
86) Perylene-d12	15.545	264	139690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	438264	121.185	ng	0.01
7) Phenol-d6	6.510	99	504765	118.302	ng	0.00
23) Nitrobenzene-d5	7.440	82	316630	77.093	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	142278	123.201	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	694203	81.264	ng	-0.01
79) Terphenyl-d14	12.992	244	558902	67.138	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	50703	35.052	ng	100
3) Pyridine	3.481	79	136453	37.628	ng	97
4) n-Nitrosodimethylamine	3.428	42	76122	40.593	ng	98
6) Aniline	6.534	93	210799	37.130	ng	# 73
8) 2-Chlorophenol	6.663	128	168225	43.122	ng	97
9) Benzaldehyde	6.428	77	68862	27.203	ng	97
10) Phenol	6.522	94	194741	41.060	ng	87
11) bis(2-Chloroethyl)ether	6.610	93	145652	42.968	ng	97
12) 1,3-Dichlorobenzene	6.816	146	188000	43.090	ng	99
13) 1,4-Dichlorobenzene	6.893	146	189327	43.010	ng	99
14) 1,2-Dichlorobenzene	7.040	146	180395	43.206	ng	98
15) Benzyl Alcohol	7.016	79	131770	42.719	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	219631	40.328	ng	87
17) 2-Methylphenol	7.128	107	124192	42.008	ng	99
18) Hexachloroethane	7.387	117	68458	44.463	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	108638	43.778	ng	97
20) 3+4-Methylphenols	7.281	107	156799	42.538	ng	92
22) Acetophenone	7.281	105	221314	44.550	ng	99
24) Nitrobenzene	7.457	77	160694	43.228	ng	98
25) Isophorone	7.698	82	287238	43.597	ng	99
26) 2-Nitrophenol	7.775	139	92992	45.923	ng	98
27) 2,4-Dimethylphenol	7.810	122	149633	42.660	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	182449	43.558	ng	99
29) 2,4-Dichlorophenol	8.016	162	136860	43.032	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	154441	44.161	ng	99
31) Naphthalene	8.181	128	480596	43.584	ng	99
32) Benzoic acid	7.928	122	68520	38.327	ng	93
33) 4-Chloroaniline	8.228	127	166388	37.109	ng	98
34) Hexachlorobutadiene	8.293	225	97541	45.597	ng	100
35) Caprolactam	8.598	113	23902	28.480	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	131849	41.713	ng	99
37) 2-Methylnaphthalene	8.869	142	297674	43.543	ng	99
38) 1-Methylnaphthalene	8.969	142	305685	43.195	ng	99
40) 1,2,4,5-Tetrachloroben...	9.040	216	152565	46.074	ng	99
41) Hexachlorocyclopentadiene	9.022	237	163048	86.769	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	94014	43.571	ng	100

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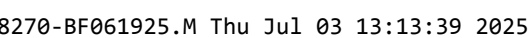
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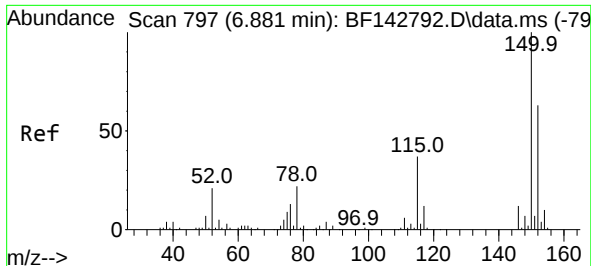
Quant Time: Jul 03 13:13:26 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	97062	42.733	ng	99
46) 1,1'-Biphenyl	9.334	154	401265	45.264	ng	100
47) 2-Chloronaphthalene	9.363	162	296561	44.579	ng	99
48) 2-Nitroaniline	9.457	65	79476	42.613	ng	98
49) Acenaphthylene	9.781	152	480339	43.861	ng	100
50) Dimethylphthalate	9.634	163	322777	44.434	ng	100
51) 2,6-Dinitrotoluene	9.704	165	70885	44.434	ng	95
52) Acenaphthene	9.951	154	281706	42.161	ng	99
53) 3-Nitroaniline	9.869	138	60548	34.472	ng	100
54) 2,4-Dinitrophenol	9.987	184	68353	85.571	ng	95
55) Dibenzofuran	10.122	168	420664	43.904	ng	100
56) 4-Nitrophenol	10.039	139	91155	75.808	ng	98
57) 2,4-Dinitrotoluene	10.110	165	93234	43.999	ng	95
58) Fluorene	10.469	166	325646	43.518	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	75827	41.416	ng	97
60) Diethylphthalate	10.334	149	315418	44.285	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	156989	43.965	ng	99
62) 4-Nitroaniline	10.486	138	67790	42.201	ng	99
63) Azobenzene	10.616	77	272430	42.796	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	46962	45.446	ng	99
66) n-Nitrosodiphenylamine	10.575	169	274421	46.347	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	94013	48.352	ng	96
68) Hexachlorobenzene	11.016	284	101645	47.047	ng	98
69) Atrazine	11.104	200	78012	51.022	ng	99
70) Pentachlorophenol	11.216	266	90628	84.182	ng	99
71) Phenanthrene	11.433	178	417688	45.133	ng	100
72) Anthracene	11.486	178	432513	45.569	ng	100
73) Carbazole	11.639	167	368592	45.002	ng	100
74) Di-n-butylphthalate	11.963	149	435285	51.014	ng	99
75) Fluoranthene	12.622	202	396445	45.138	ng	99
77) Benzidine	12.745	184	278470	64.438	ng	99
78) Pyrene	12.851	202	396083	36.737	ng	100
80) Butylbenzylphthalate	13.463	149	160675	51.376	ng	97
81) Benzo(a)anthracene	14.045	228	353820	45.599	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	98475	39.127	ng	99
83) Chrysene	14.080	228	320474	46.285	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	247564	55.018	ng	100
85) Di-n-octyl phthalate	14.639	149	455670	53.705	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	441755	41.518	ng	98
88) Benzo(b)fluoranthene	15.110	252	365249	45.187	ng	100
89) Benzo(k)fluoranthene	15.139	252	367712	48.624	ng	100
90) Benzo(a)pyrene	15.486	252	362346	46.402	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	361060	41.764	ng	98
92) Benzo(g,h,i)perylene	17.527	276	350650	40.675	ng	98

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

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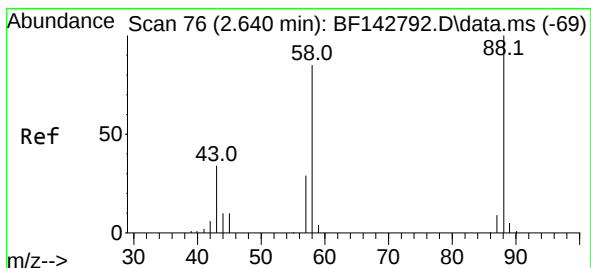
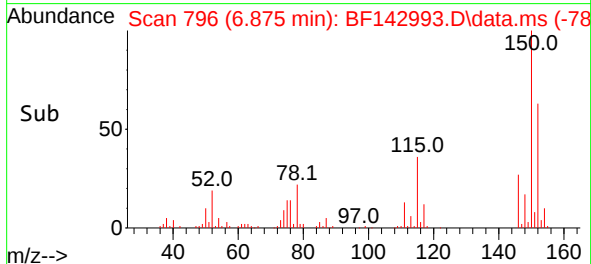
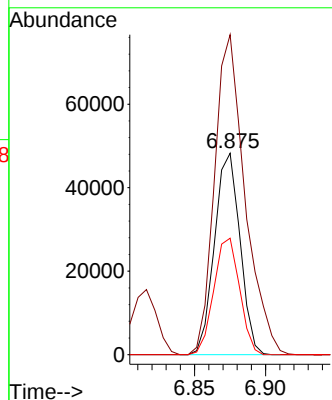
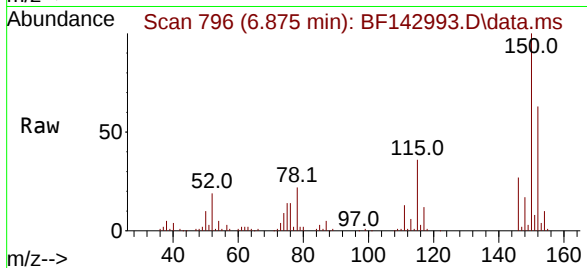




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142993.D
 Acq: 03 Jul 2025 12:54

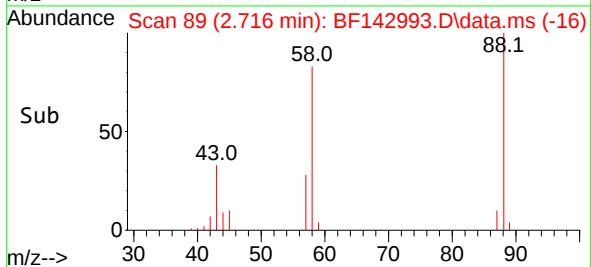
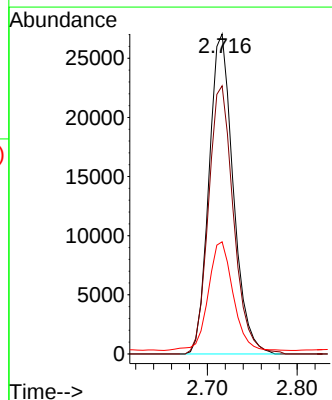
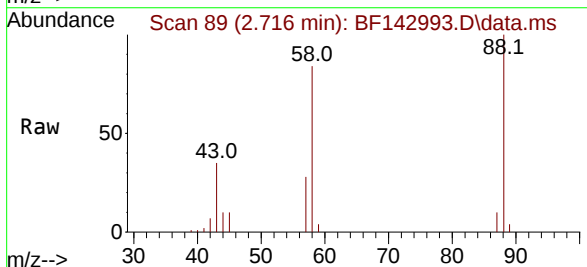
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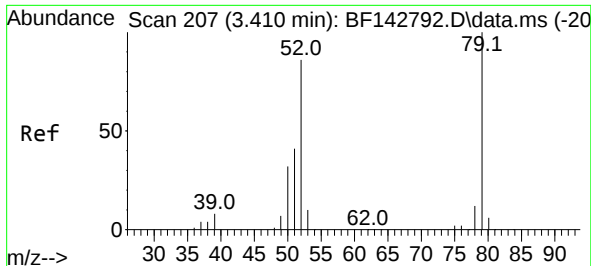
Tgt Ion:152 Resp: 60212
 Ion Ratio Lower Upper
 152 100
 150 158.9 127.2 190.8
 115 57.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.052 ng
 RT: 2.716 min Scan# 89
 Delta R.T. 0.077 min
 Lab File: BF142993.D
 Acq: 03 Jul 2025 12:54

Tgt Ion: 88 Resp: 50703
 Ion Ratio Lower Upper
 88 100
 58 86.5 69.1 103.7
 43 35.0 27.4 41.2

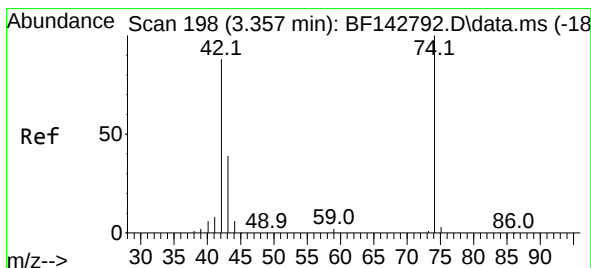
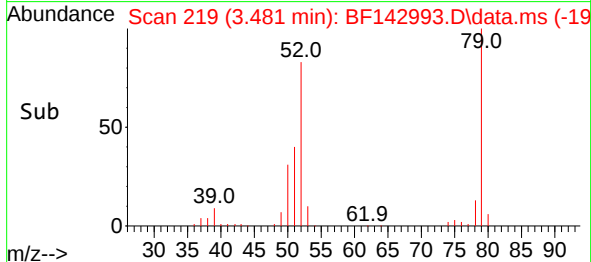
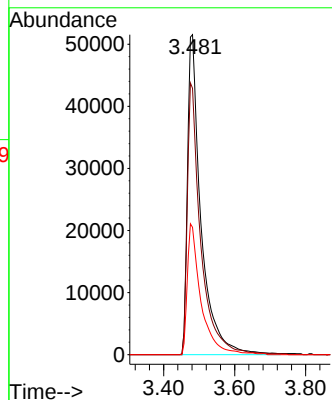
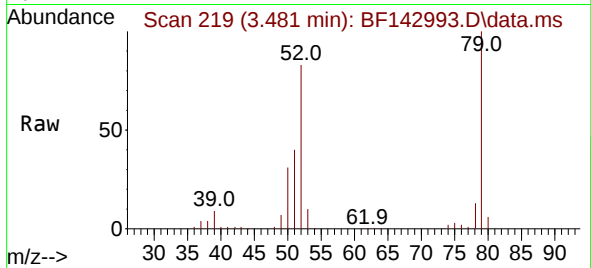




#3
Pyridine
Concen: 37.628 ng
RT: 3.481 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

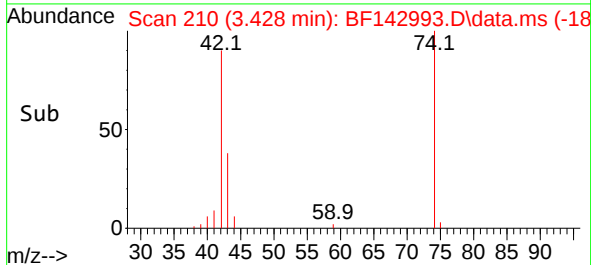
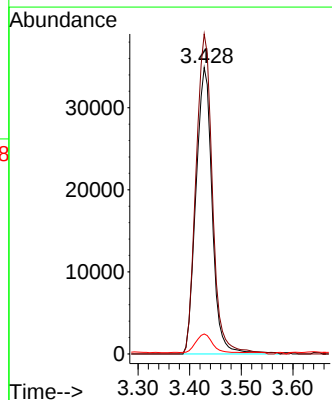
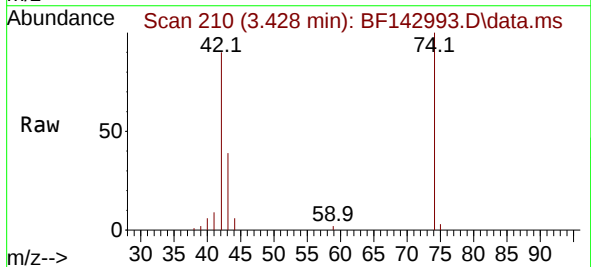
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ClientSampleId :
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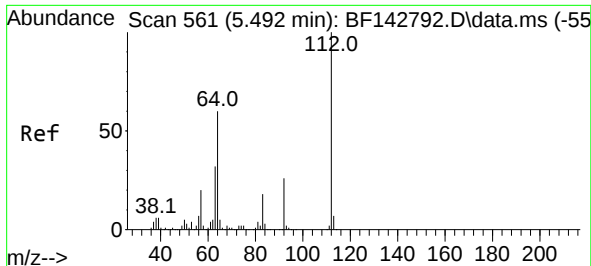
Tgt Ion: 79 Resp: 136453
Ion Ratio Lower Upper
79 100
52 83.3 69.2 103.8
51 39.8 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 40.593 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion: 42 Resp: 76122
Ion Ratio Lower Upper
42 100
74 111.7 90.9 136.3
44 7.0 5.8 8.6

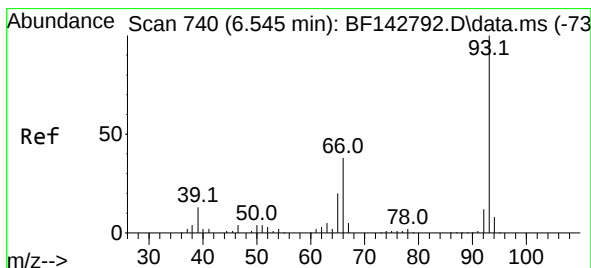
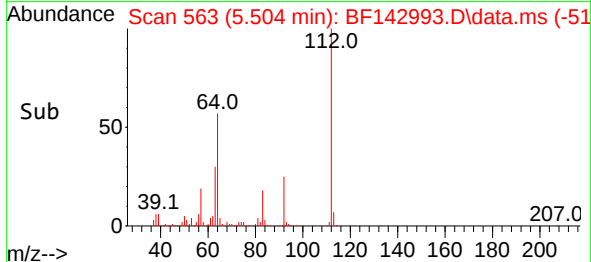
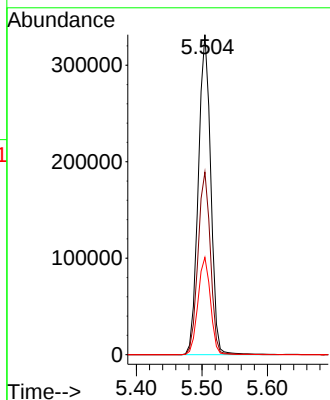
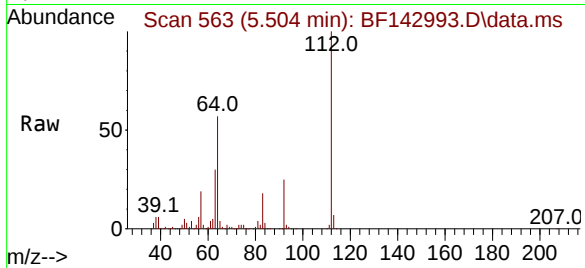




#5
2-Fluorophenol
Concen: 121.185 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

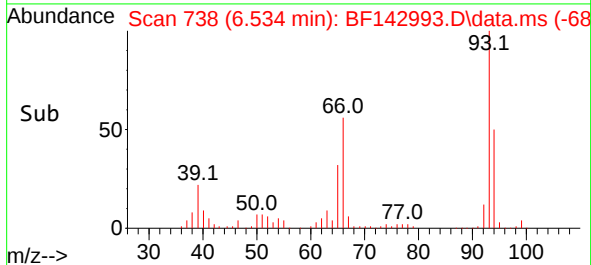
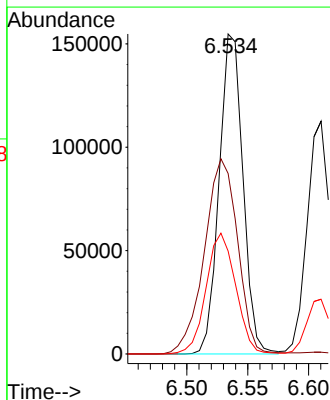
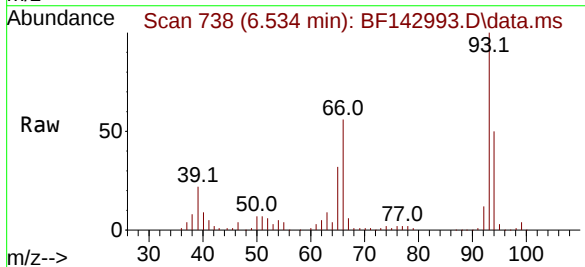
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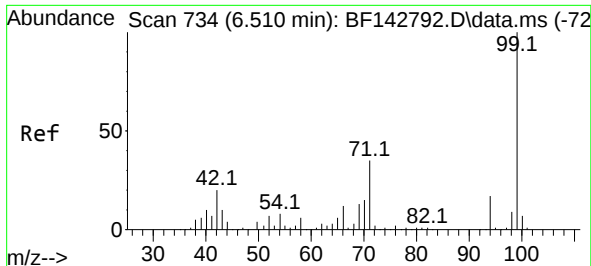
Tgt Ion:112 Resp: 438264
Ion Ratio Lower Upper
112 100
64 57.0 48.2 72.2
63 30.4 25.7 38.5



#6
Aniline
Concen: 37.130 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion: 93 Resp: 210799
Ion Ratio Lower Upper
93 100
66 56.4 31.8 47.6#
65 32.2 16.2 24.2#

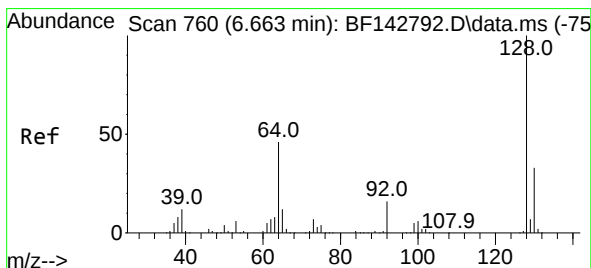
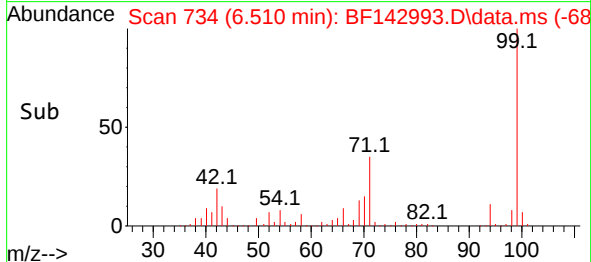
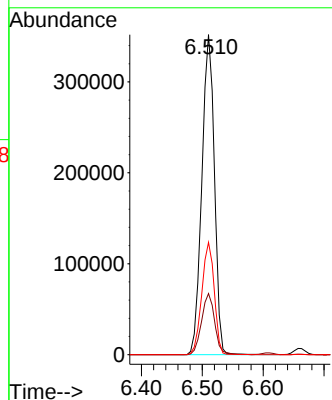
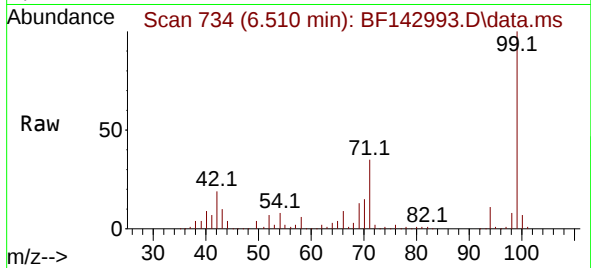




#7
Phenol-d6
Concen: 118.302 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

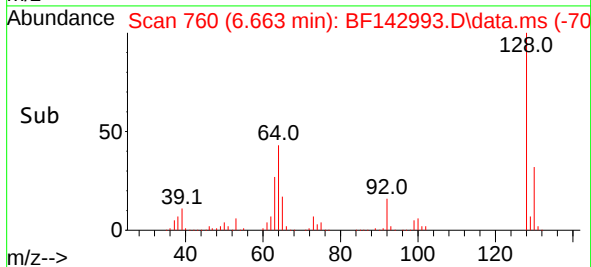
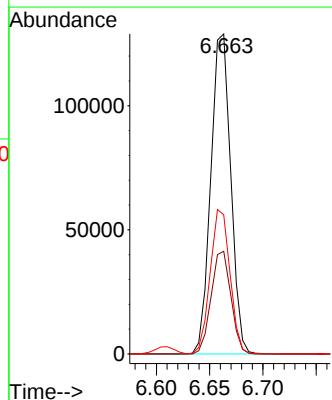
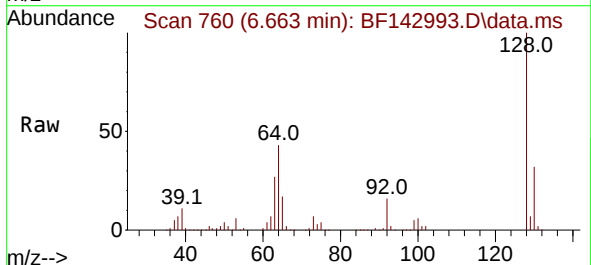
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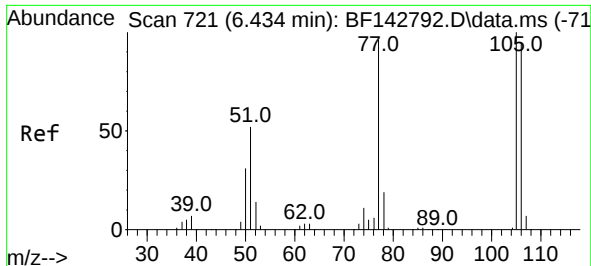
Tgt Ion: 99 Resp: 504765
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.1 27.8 41.8



#8
2-Chlorophenol
Concen: 43.122 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion: 128 Resp: 168225
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 43.5 26.5 66.5

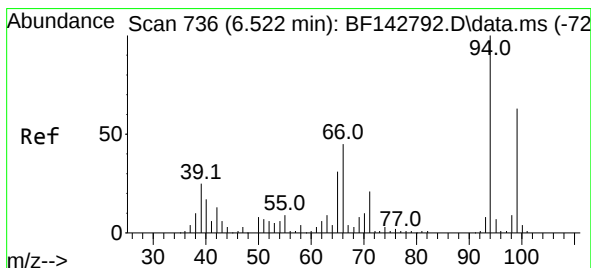
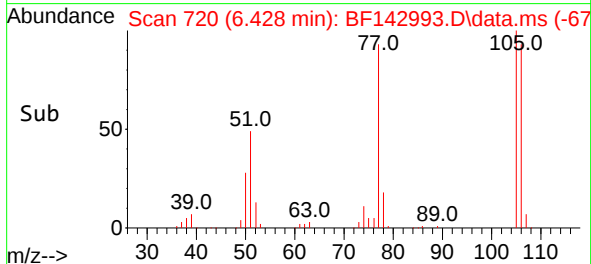
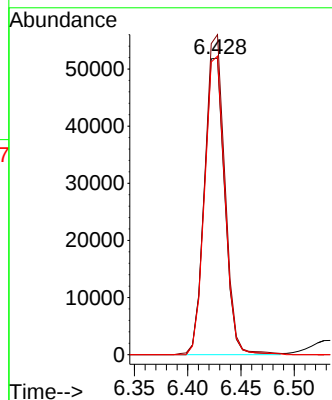
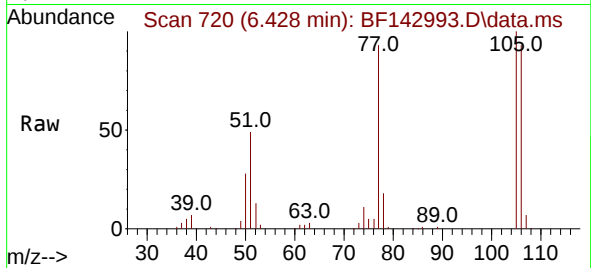




#9
Benzaldehyde
Concen: 27.203 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

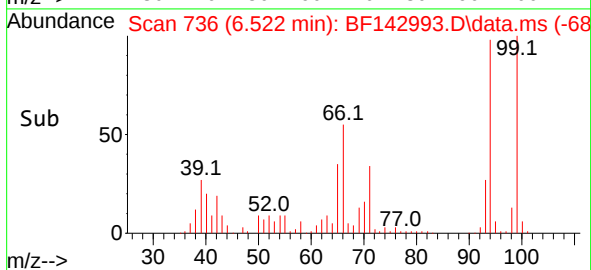
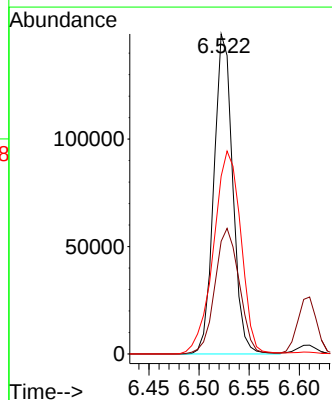
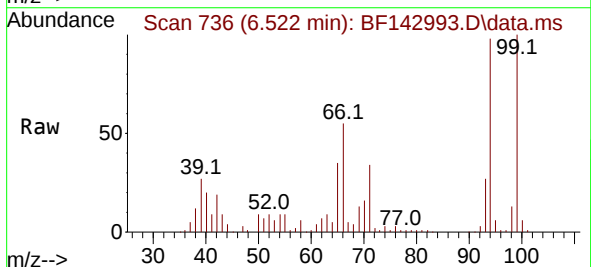
Instrument :
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Tgt Ion: 77 Resp: 68862
Ion Ratio Lower Upper
77 100
105 107.9 83.8 123.8
106 100.7 78.7 118.7



#10
Phenol
Concen: 41.060 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion: 94 Resp: 194741
Ion Ratio Lower Upper
94 100
65 35.2 11.3 51.3
66 55.6 24.9 64.9

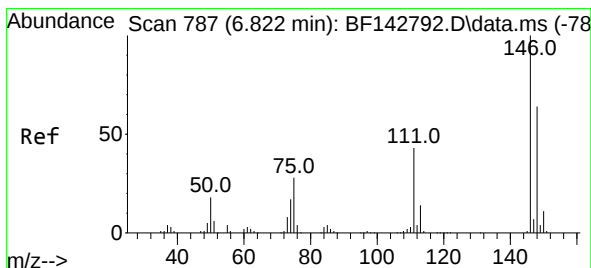
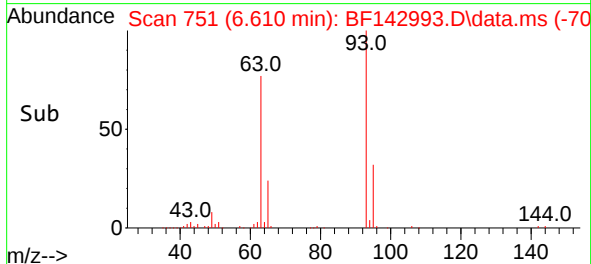
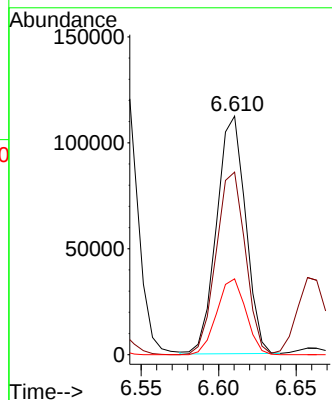
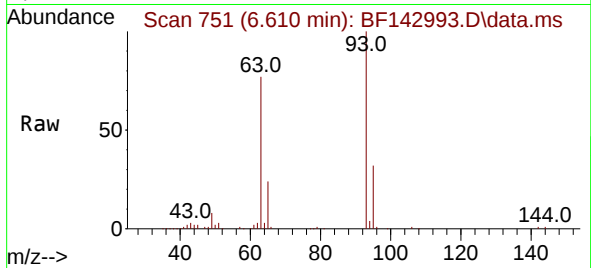




#11
bis(2-Chloroethyl)ether
Concen: 42.968 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

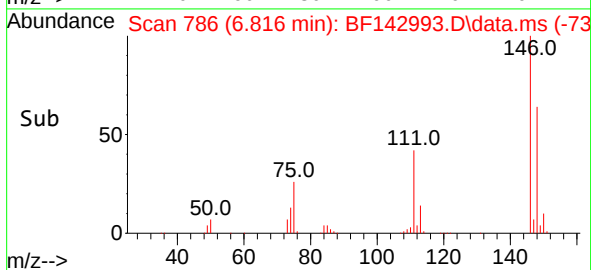
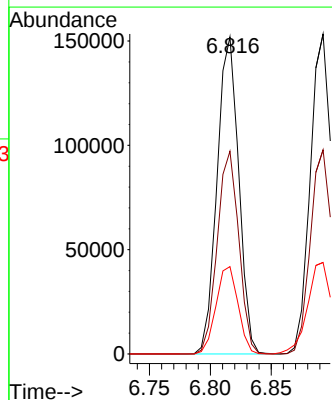
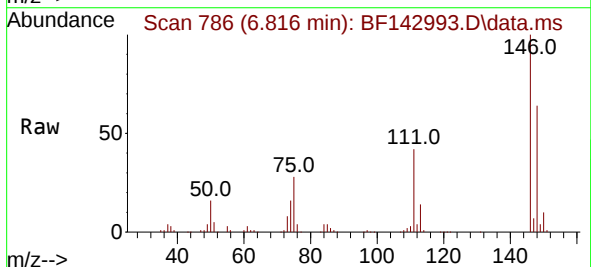
Instrument :
BNA_F
ClientSampleId :
PB168685BS

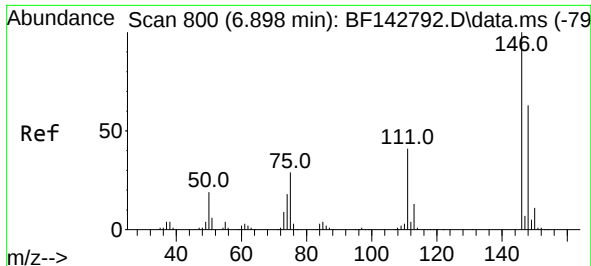
Tgt Ion: 93 Resp: 145652
Ion Ratio Lower Upper
93 100
63 76.5 60.3 100.3
95 31.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 43.090 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:146 Resp: 188000
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
75 27.5 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 43.010 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS

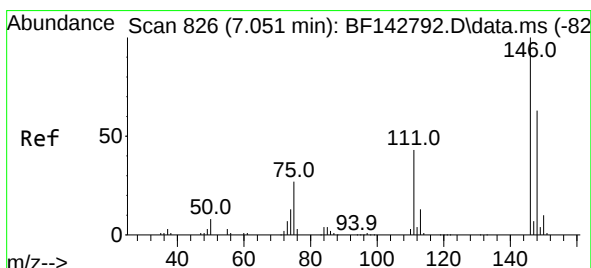
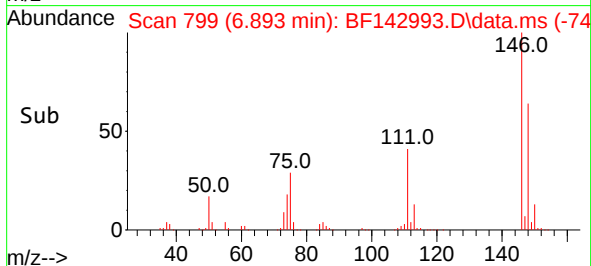
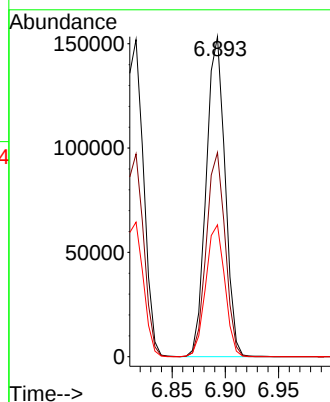
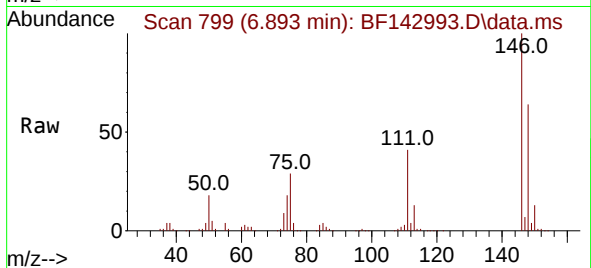
Tgt Ion:146 Resp: 189327

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

111 41.2 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 43.206 ng

RT: 7.040 min Scan# 824

Delta R.T. -0.012 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

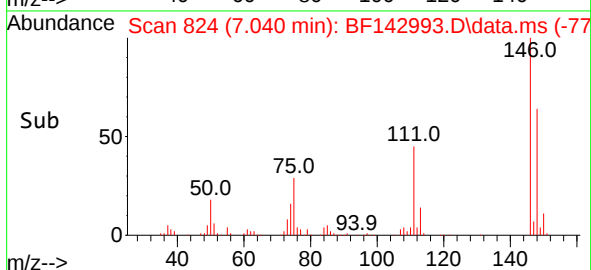
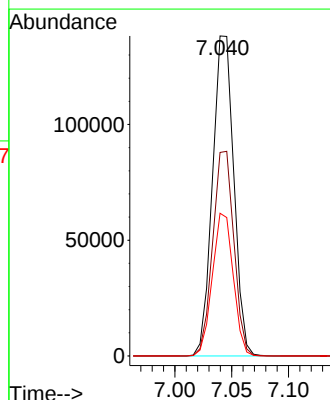
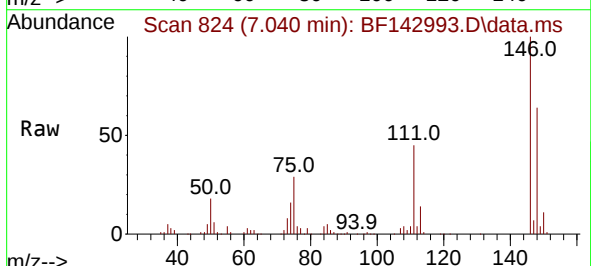
Tgt Ion:146 Resp: 180395

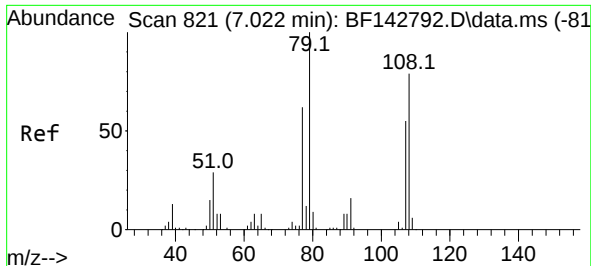
Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

111 44.6 34.1 51.1

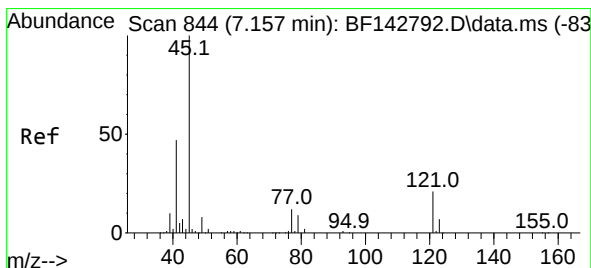
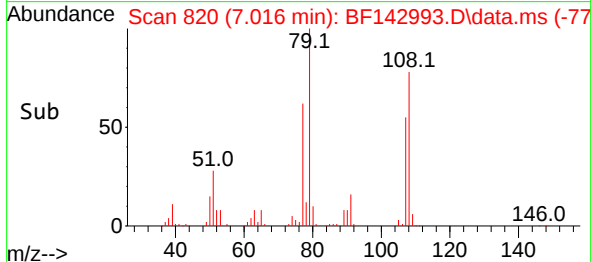
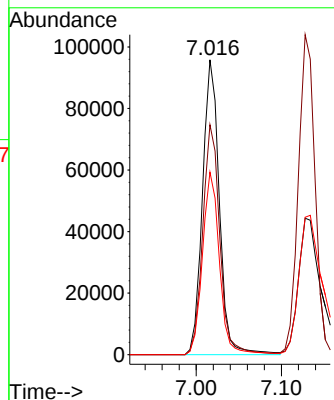
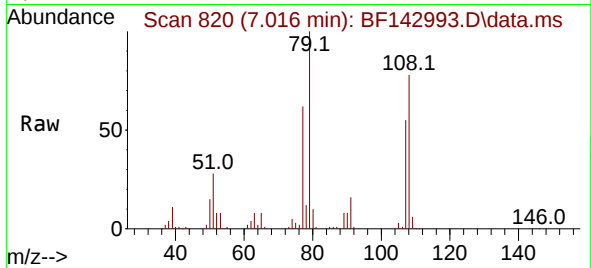




#15
Benzyl Alcohol
Concen: 42.719 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

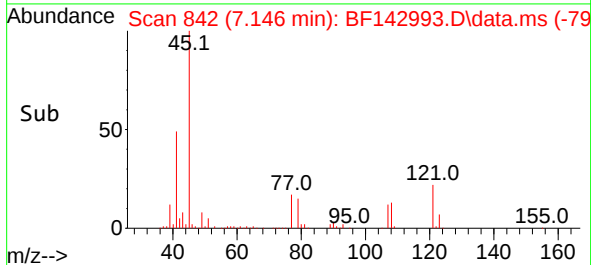
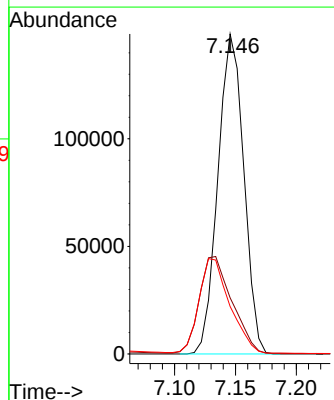
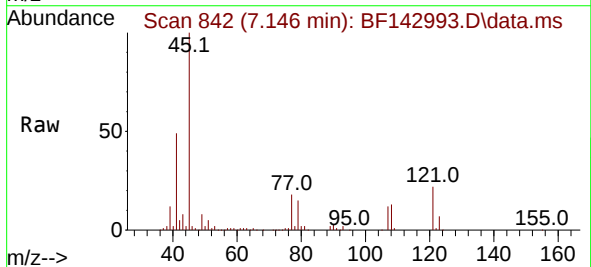
Instrument :
BNA_F
ClientSampleId :
PB168685BS

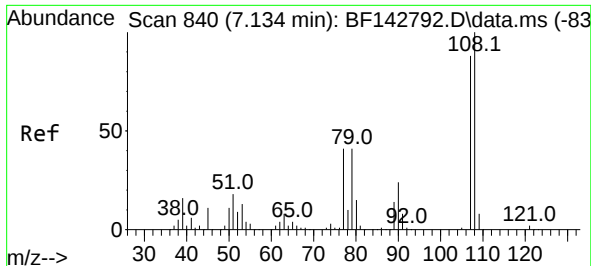
Tgt Ion: 79 Resp: 131770
Ion Ratio Lower Upper
79 100
108 78.0 63.4 95.0
77 61.9 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.328 ng
RT: 7.146 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion: 45 Resp: 219631
Ion Ratio Lower Upper
45 100
77 17.5 0.0 32.8
79 14.9 0.0 29.8

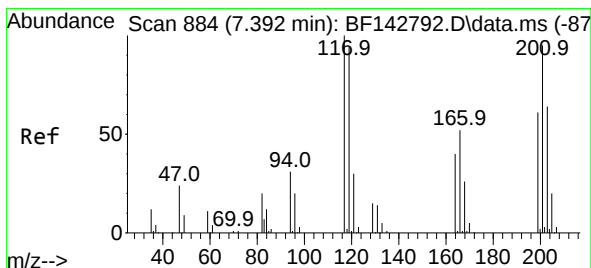
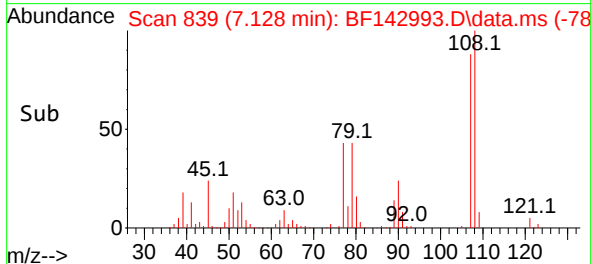
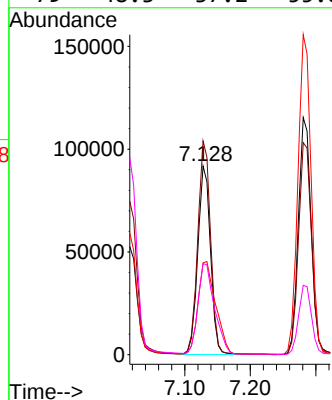
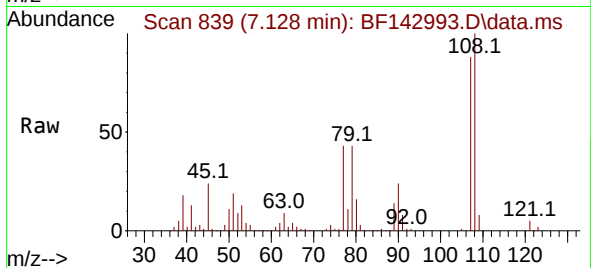




#17
2-Methylphenol
Concen: 42.008 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

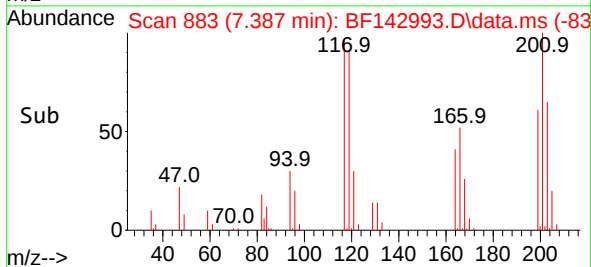
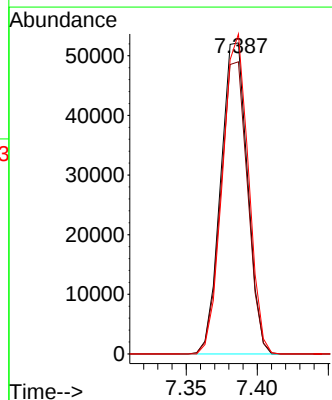
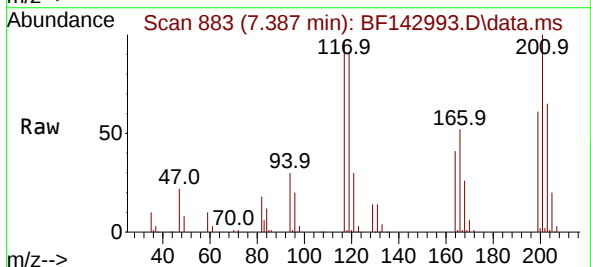
Instrument :
BNA_F
ClientSampleId :
PB168685BS

Tgt Ion:107	Resp:	124192
Ion	Ratio	Lower Upper
107	100	
108	113.3	90.9 136.3
77	48.7	37.3 55.9
79	48.3	37.2 55.8



#18
Hexachloroethane
Concen: 44.463 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:117	Resp:	68458
Ion	Ratio	Lower Upper
117	100	
119	93.9	75.4 113.0
201	102.9	75.9 113.9



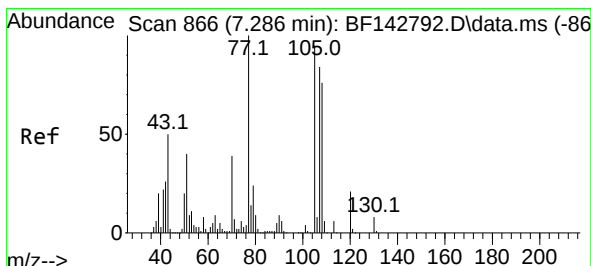
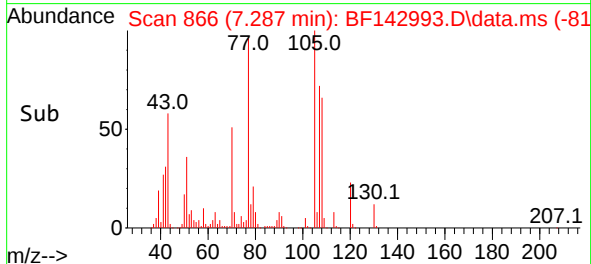
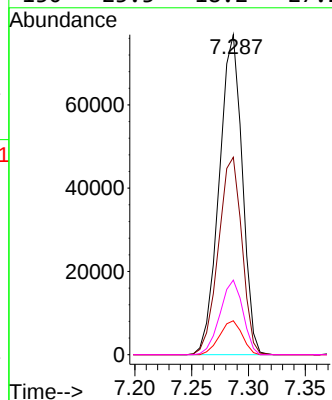
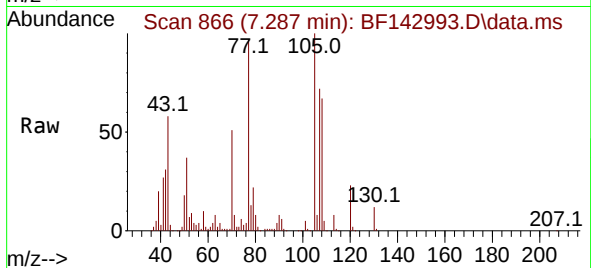


#19
n-Nitroso-di-n-propylamine
Concen: 43.778 ng
RT: 7.287 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB168685BS

Tgt Ion: 70 Resp: 108638

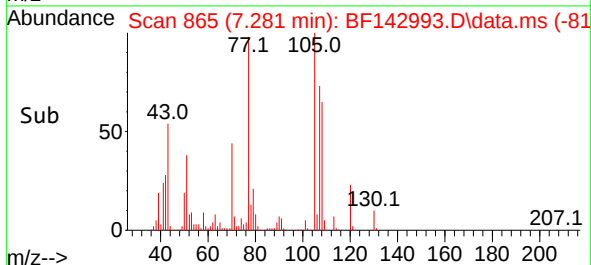
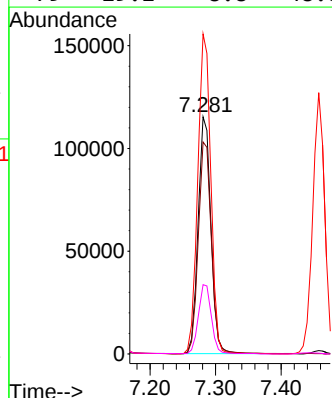
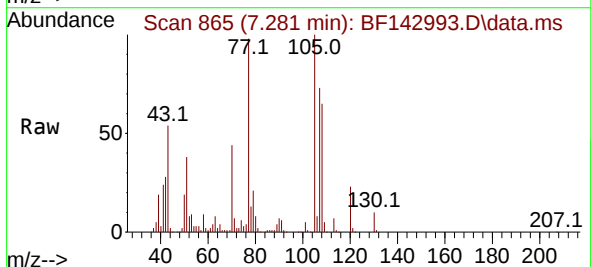
Ion	Ratio	Lower	Upper
70	100		
42	61.7	52.1	78.1
101	10.6	8.2	12.2
130	23.3	18.2	27.2

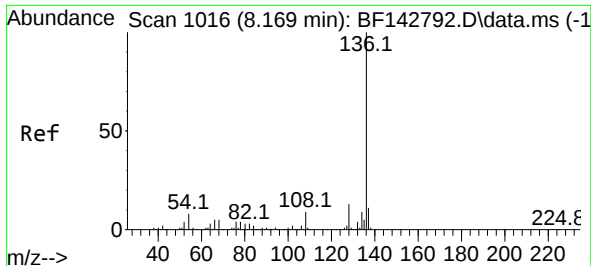


#20
3+4-Methylphenols
Concen: 42.538 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion: 107 Resp: 156799

Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.0	110.0
77	135.0	98.5	138.5
79	29.2	8.8	48.8



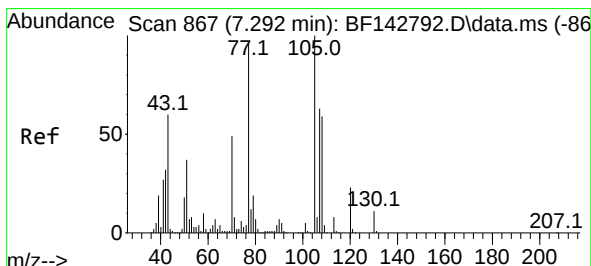
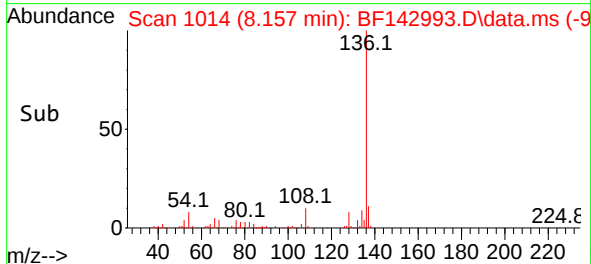
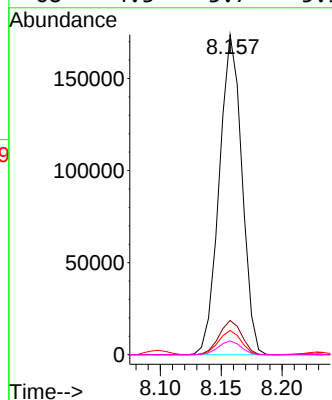
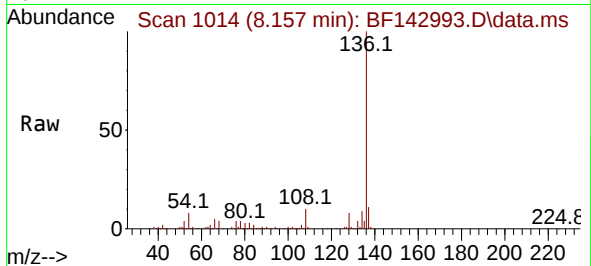


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB168685BS

Tgt Ion:136 Resp: 225278

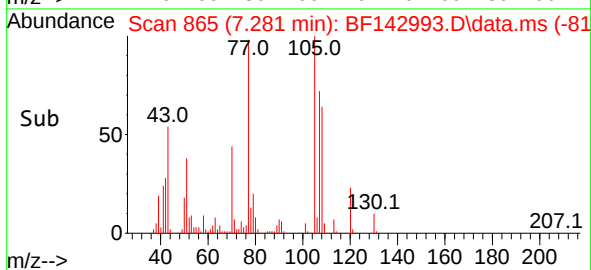
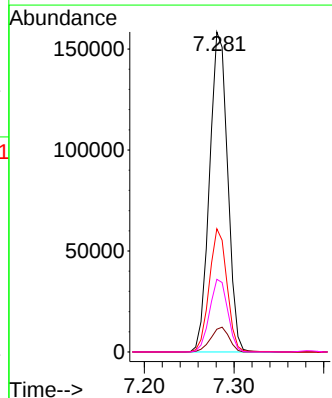
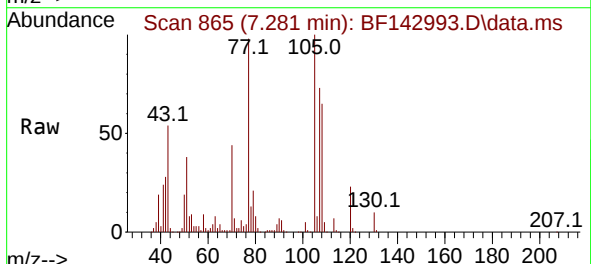
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.5	6.3	9.5
68	4.3	3.7	5.5

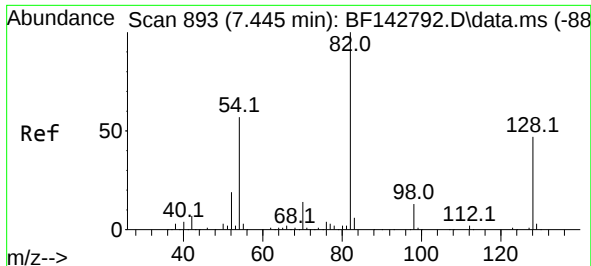


#22
Acetophenone
Concen: 44.550 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:105 Resp: 221314

Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.5	9.7
51	38.5	29.8	44.8
120	22.7	18.2	27.2





#23

Nitrobenzene-d5

Concen: 77.093 ng

RT: 7.440 min Scan# 891

Delta R.T. -0.005 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS

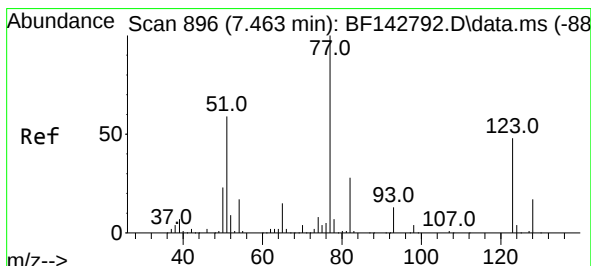
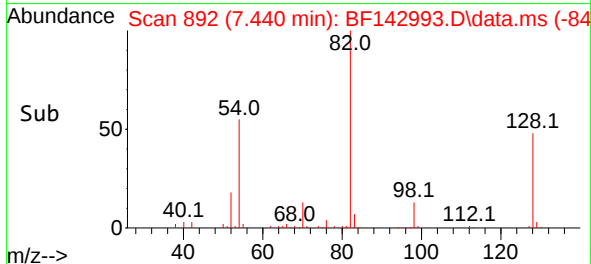
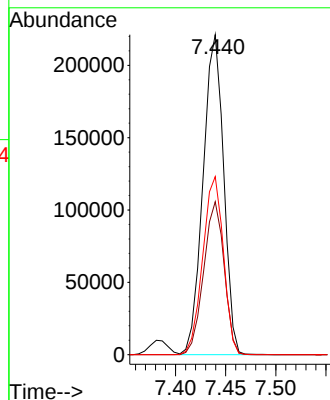
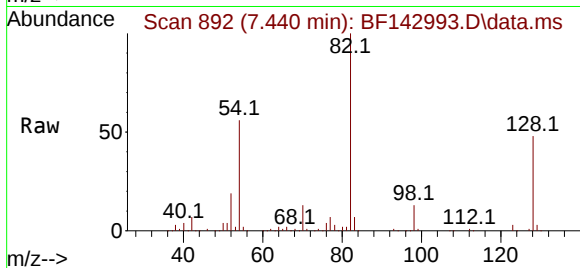
Tgt Ion: 82 Resp: 316630

Ion Ratio Lower Upper

82 100

128 47.8 37.7 56.5

54 55.6 45.7 68.5



#24

Nitrobenzene

Concen: 43.228 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

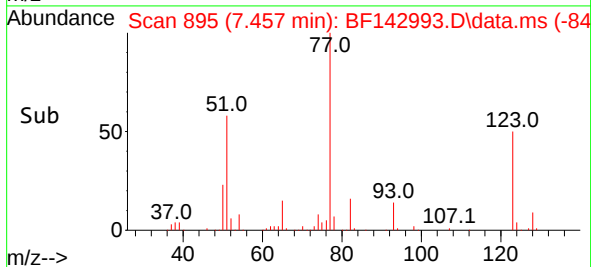
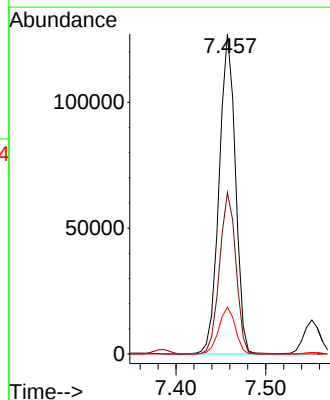
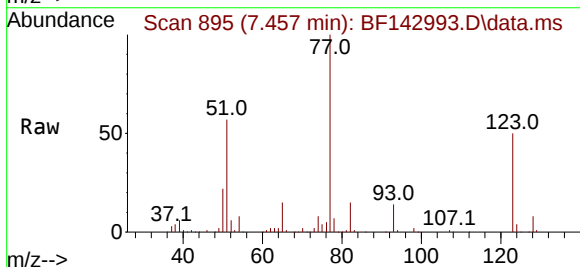
Tgt Ion: 77 Resp: 160694

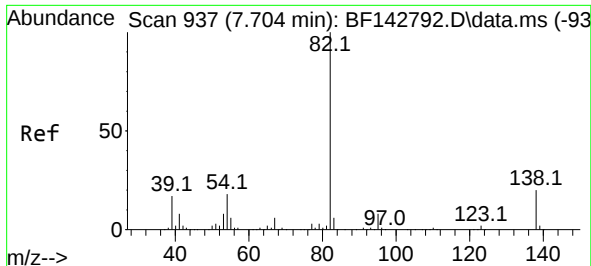
Ion Ratio Lower Upper

77 100

123 50.5 39.2 58.8

65 14.7 11.6 17.4

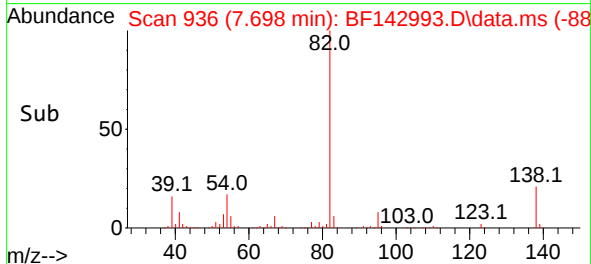
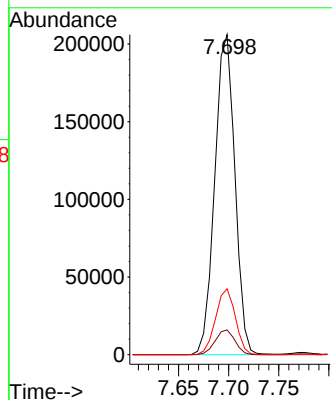
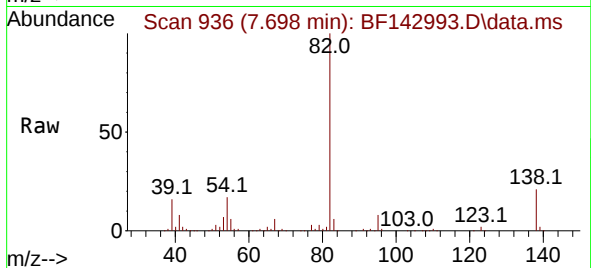




#25
Isophorone
Concen: 43.597 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

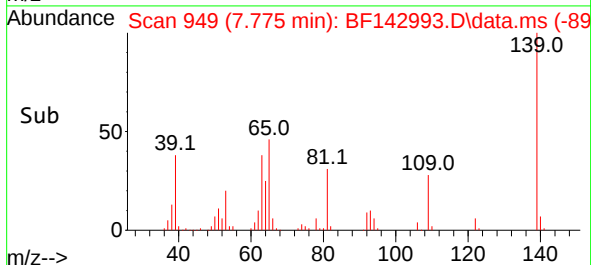
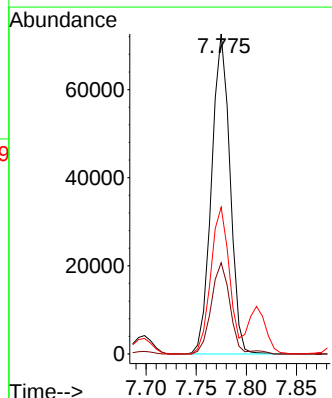
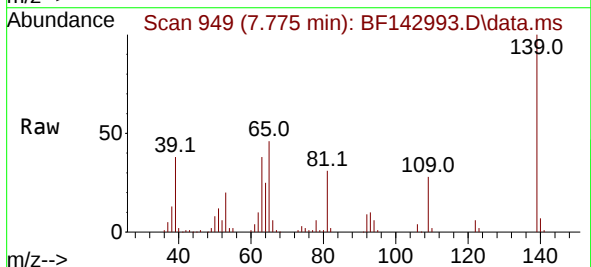
Instrument :
BNA_F
ClientSampleId :
PB168685BS

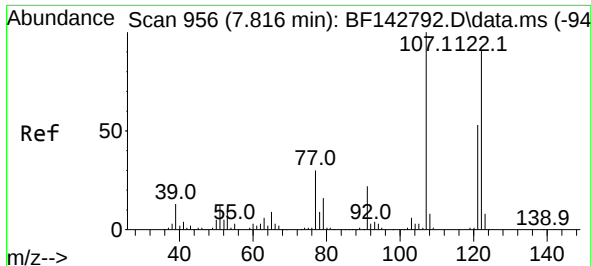
Tgt Ion: 82 Resp: 287238
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.6 16.2 24.4



#26
2-Nitrophenol
Concen: 45.923 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:139 Resp: 92992
Ion Ratio Lower Upper
139 100
109 28.5 22.7 34.1
65 45.9 38.6 58.0

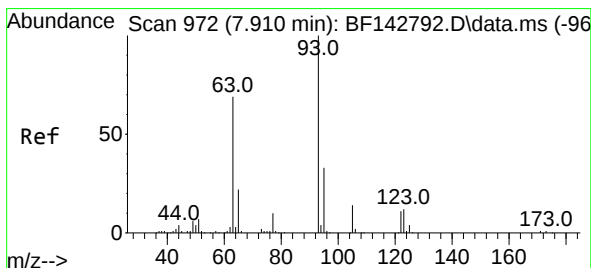
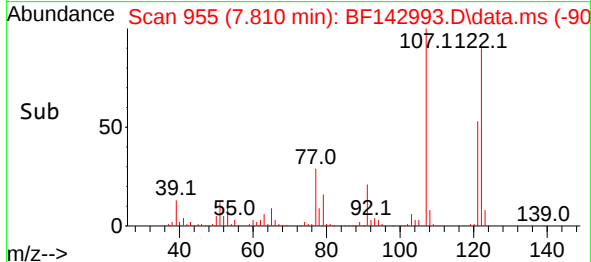
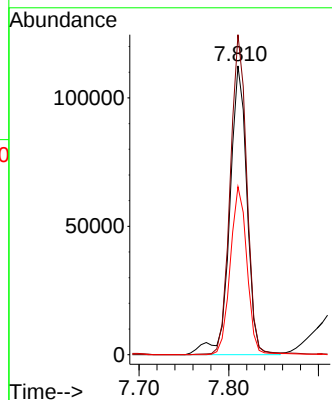
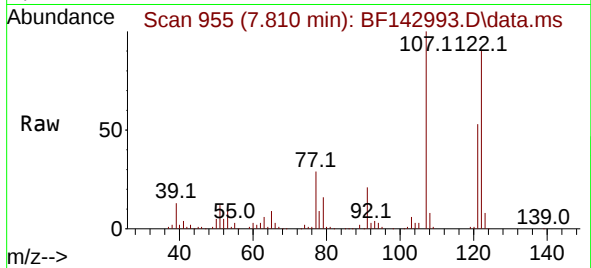




#27
2,4-Dimethylphenol
Concen: 42.660 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

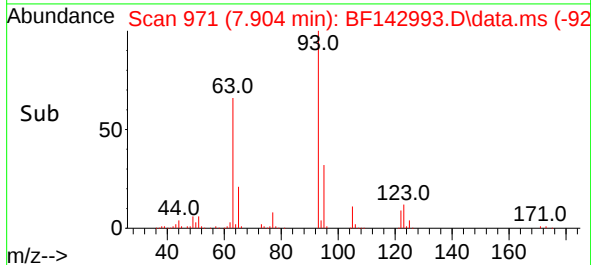
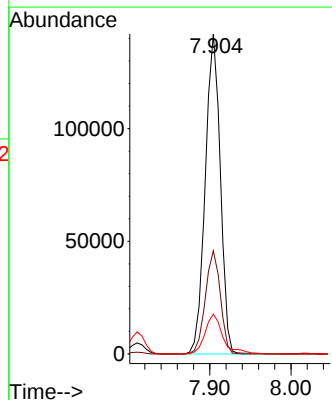
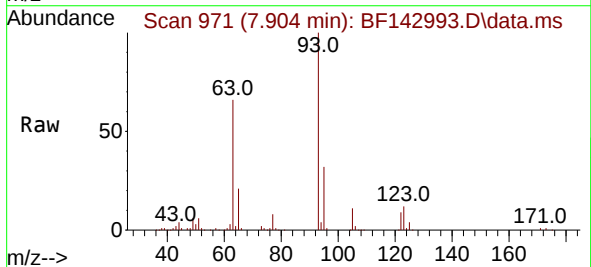
Instrument :
BNA_F
ClientSampleId :
PB168685BS

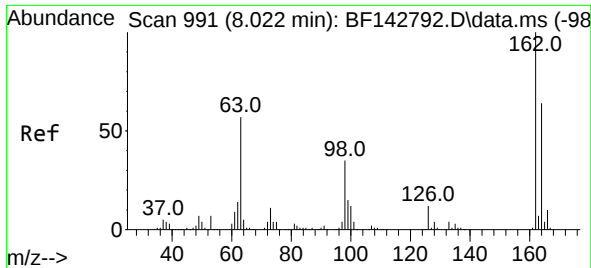
Tgt Ion:122 Resp: 149633
Ion Ratio Lower Upper
122 100
107 110.8 88.0 132.0
121 58.2 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 43.558 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion: 93 Resp: 182449
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.2
123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.032 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS

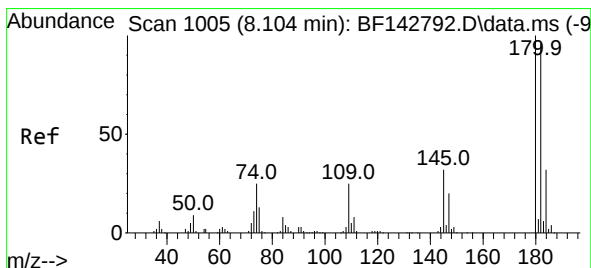
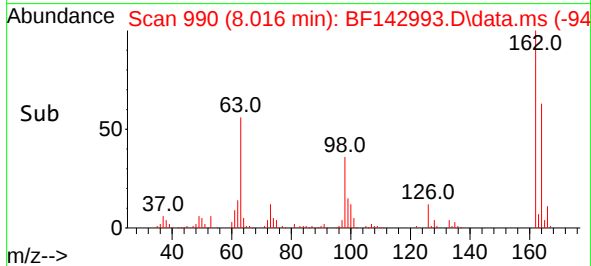
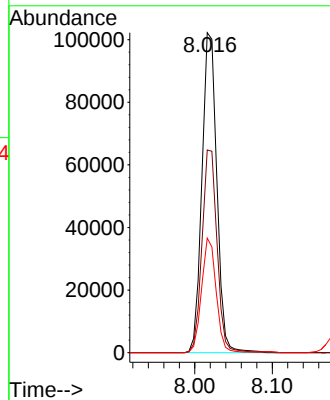
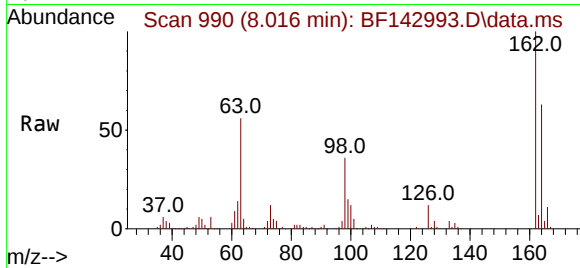
Tgt Ion:162 Resp: 136860

Ion Ratio Lower Upper

162 100

164 63.3 44.0 84.0

98 35.8 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 44.161 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

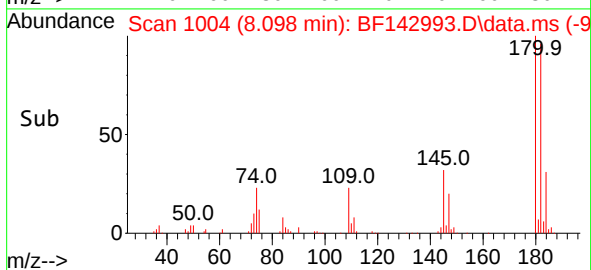
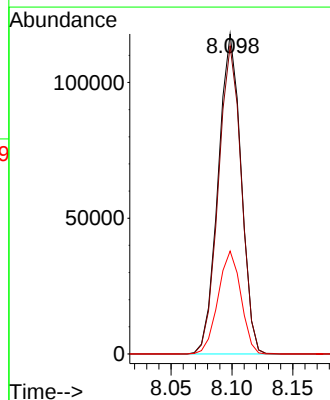
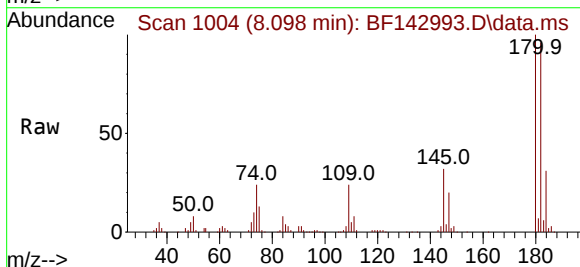
Tgt Ion:180 Resp: 154441

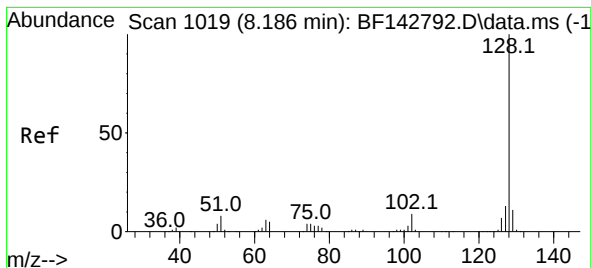
Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

145 32.2 25.8 38.8





#31

Naphthalene

Concen: 43.584 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS

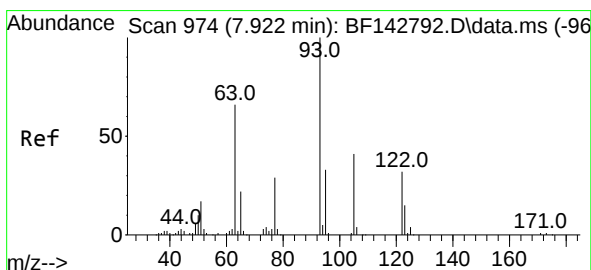
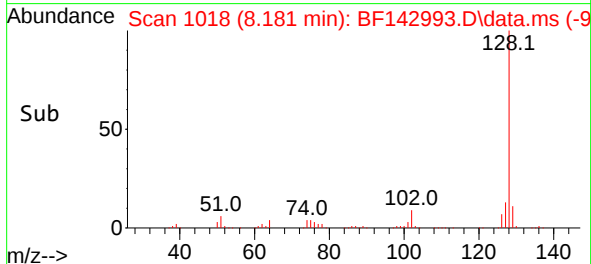
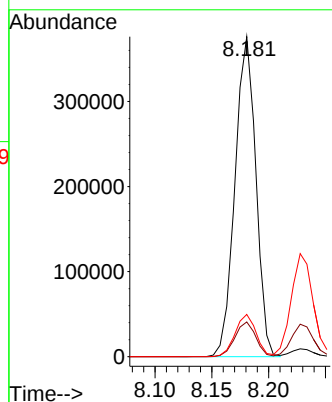
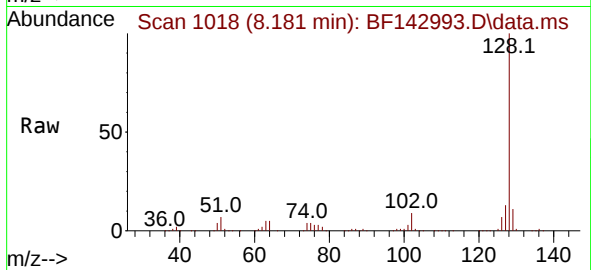
Tgt Ion:128 Resp: 480596

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.2 10.4 15.6



#32

Benzoic acid

Concen: 38.327 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.006 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

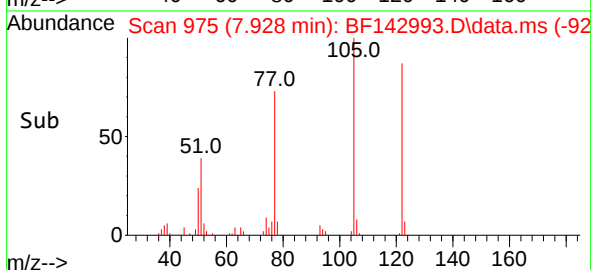
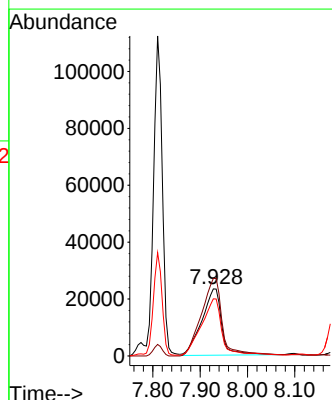
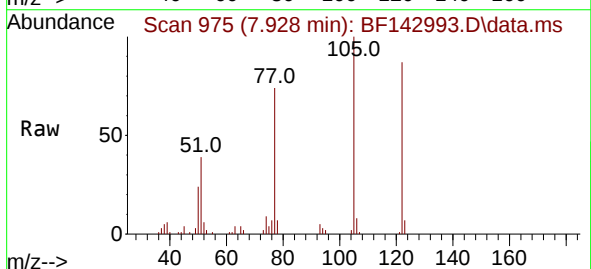
Tgt Ion:122 Resp: 68520

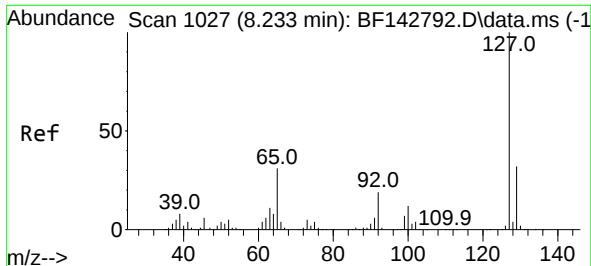
Ion Ratio Lower Upper

122 100

105 115.6 104.7 144.7

77 85.3 70.2 110.2

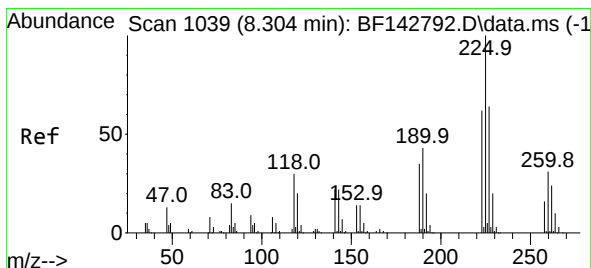
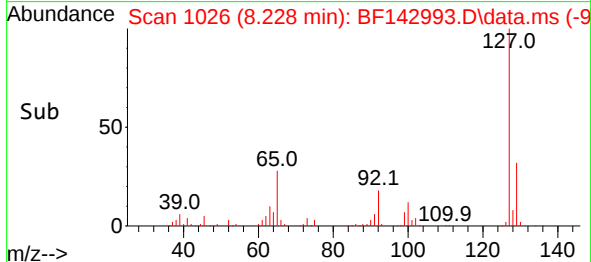
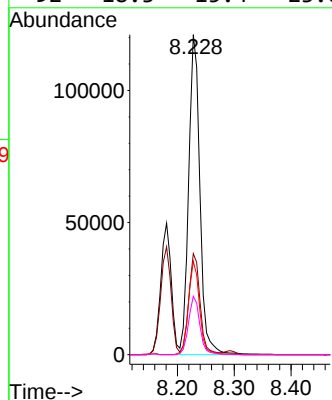
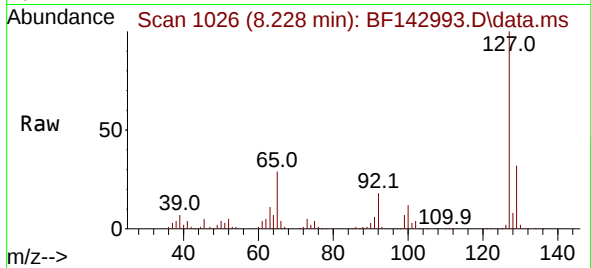




#33
4-Chloroaniline
Concen: 37.109 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

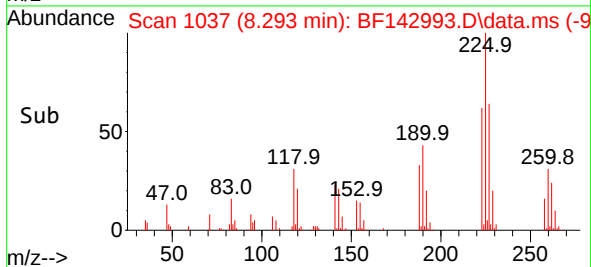
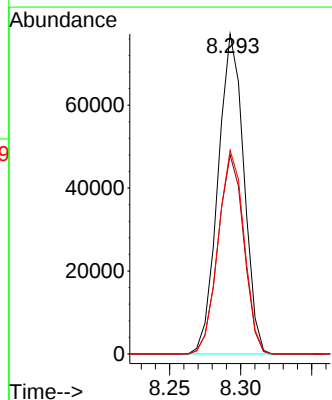
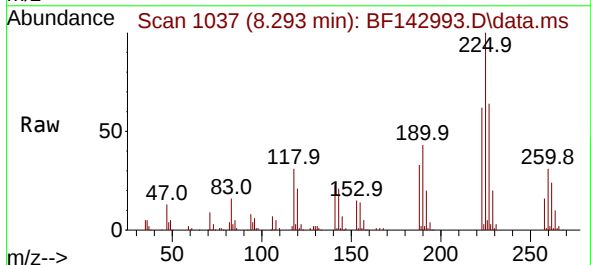
Instrument :
BNA_F
ClientSampleId :
PB168685BS

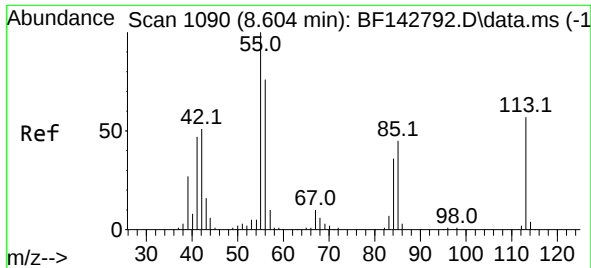
Tgt Ion:127	Resp: 166388
Ion Ratio	Lower Upper
127 100	
129 31.5	25.9 38.9
65 29.2	24.6 36.8
92 18.3	15.4 23.0



#34
Hexachlorobutadiene
Concen: 45.597 ng
RT: 8.293 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:225	Resp: 97541
Ion Ratio	Lower Upper
225 100	
223 62.2	49.9 74.9
227 63.7	51.4 77.0

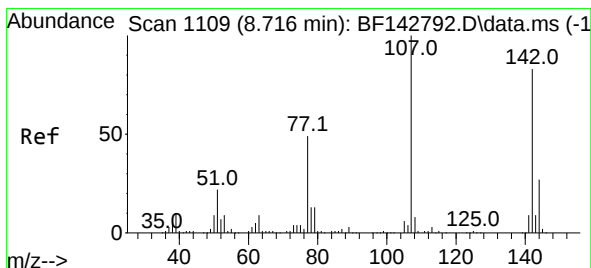
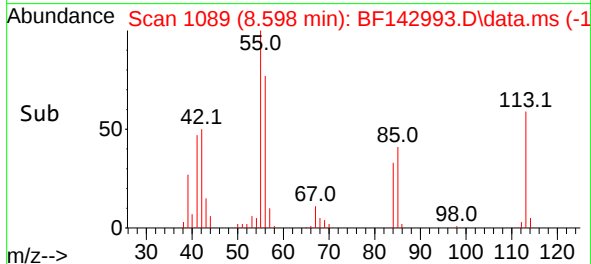
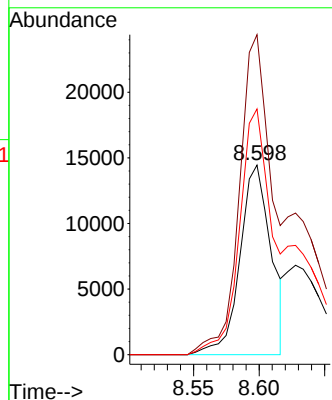
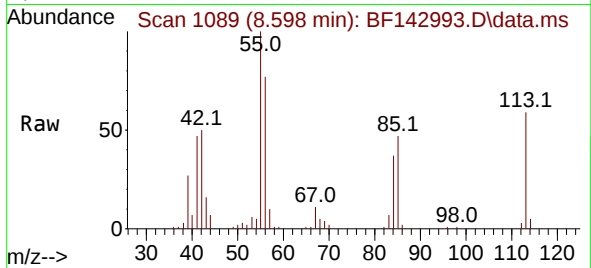




#35
Caprolactam
Concen: 28.480 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

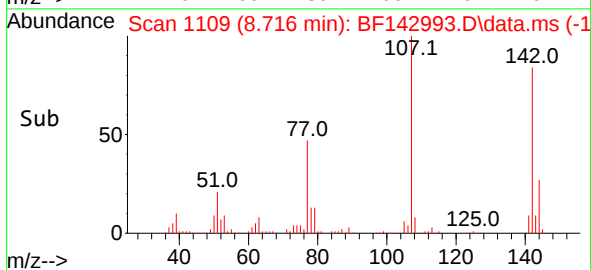
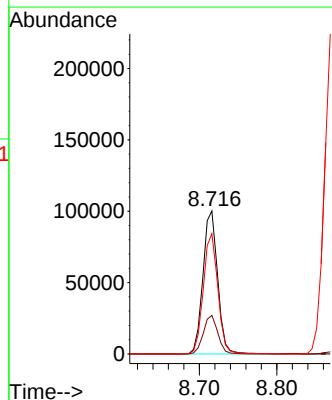
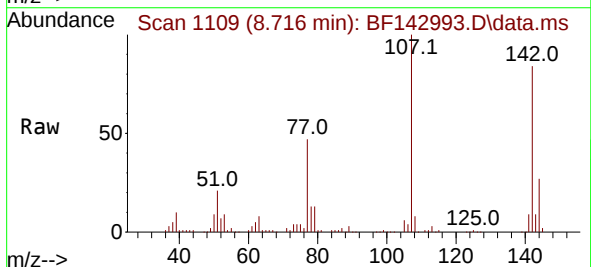
Instrument :
BNA_F
ClientSampleId :
PB168685BS

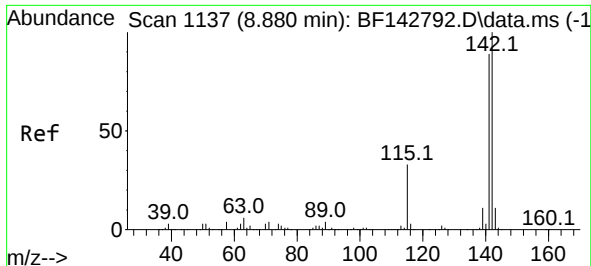
Tgt Ion:113 Resp: 23902
Ion Ratio Lower Upper
113 100
55 168.7 154.4 194.4
56 129.6 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 41.713 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:107 Resp: 131849
Ion Ratio Lower Upper
107 100
144 27.0 21.3 31.9
142 84.1 66.6 100.0





#37

2-Methylnaphthalene

Concen: 43.543 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

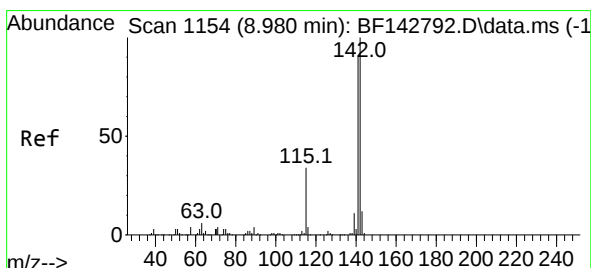
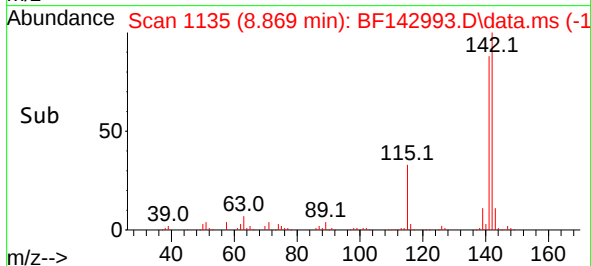
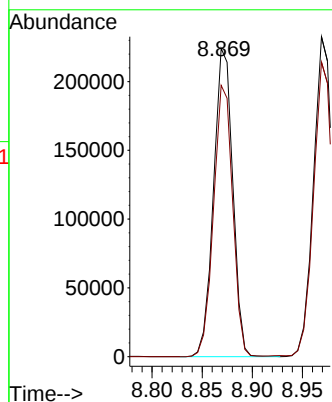
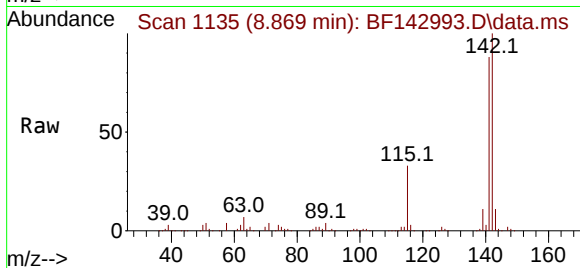
PB168685BS

Tgt Ion:142 Resp: 297674

Ion Ratio Lower Upper

142 100

141 88.0 70.9 106.3



#38

1-Methylnaphthalene

Concen: 43.195 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF142993.D

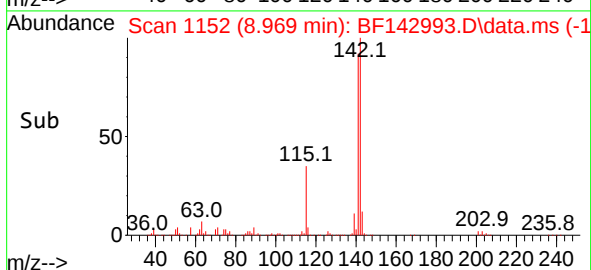
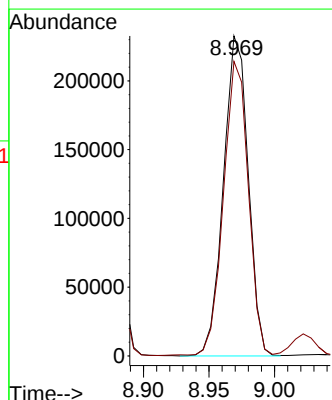
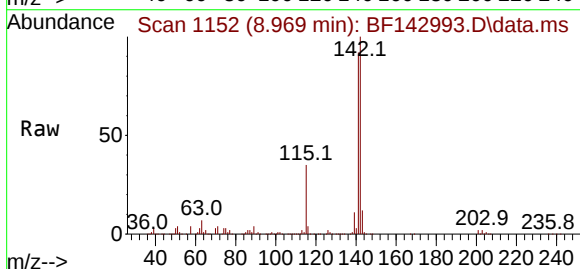
Acq: 03 Jul 2025 12:54

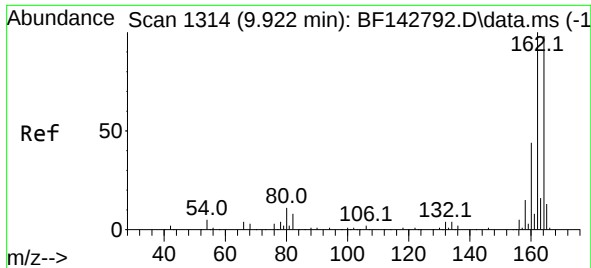
Tgt Ion:142 Resp: 305685

Ion Ratio Lower Upper

142 100

141 92.0 73.0 109.4

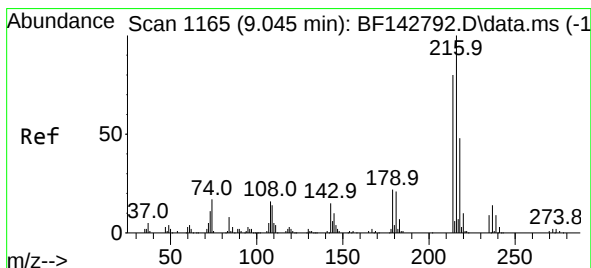
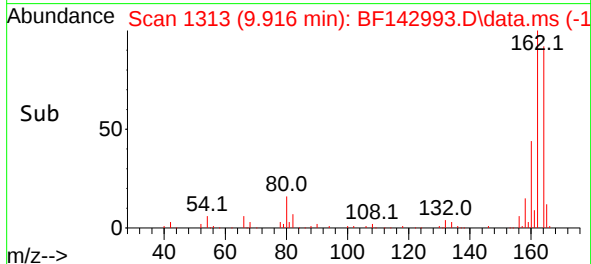
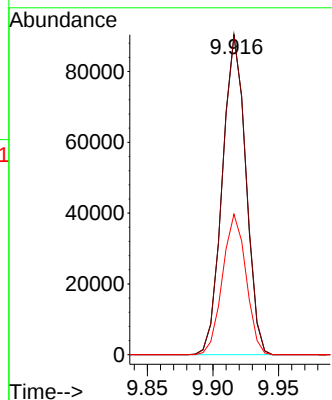
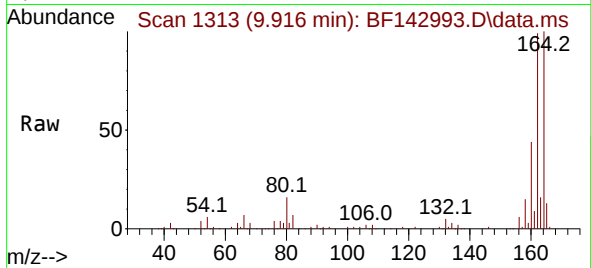




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

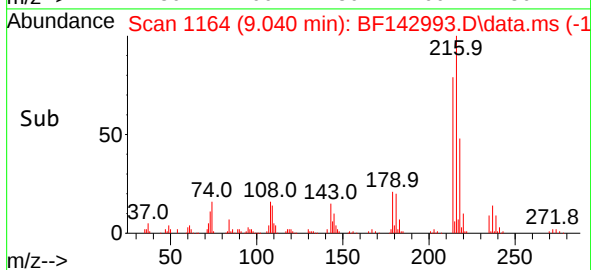
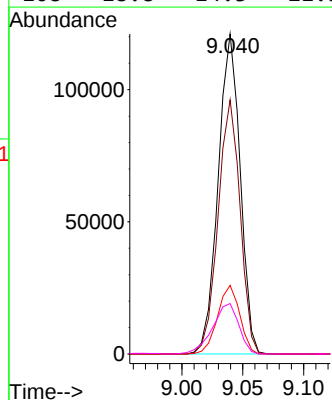
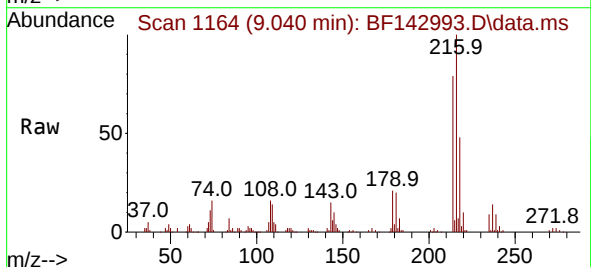
Instrument :
BNA_F
ClientSampleId :
PB168685BS

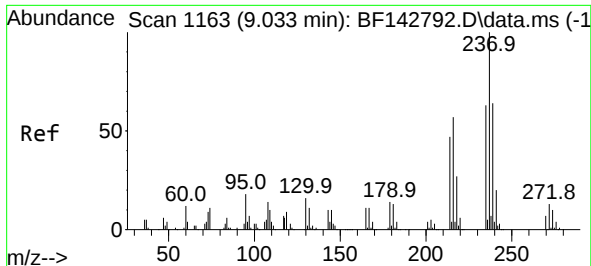
Tgt Ion:164 Resp: 112222
Ion Ratio Lower Upper
164 100
162 99.5 81.8 122.8
160 43.9 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.074 ng
RT: 9.040 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

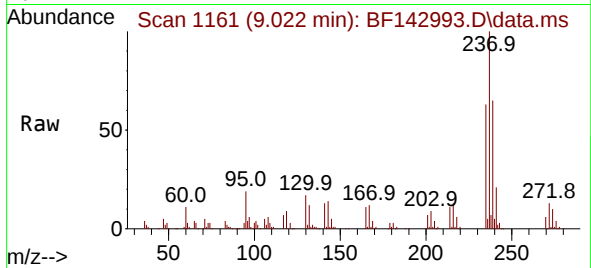
Tgt Ion:216 Resp: 152565
Ion Ratio Lower Upper
216 100
214 79.2 63.7 95.5
179 21.5 17.6 26.4
108 18.8 14.3 21.5



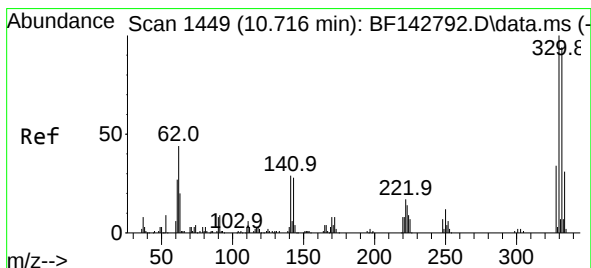
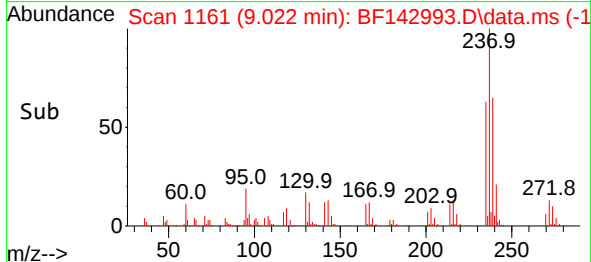
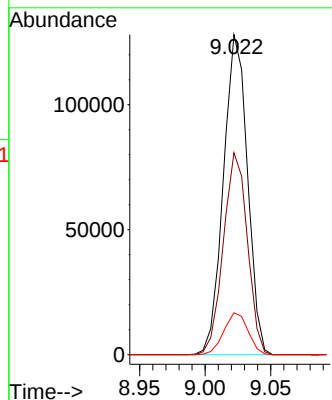


#41
Hexachlorocyclopentadiene
Concen: 86.769 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB168685BS

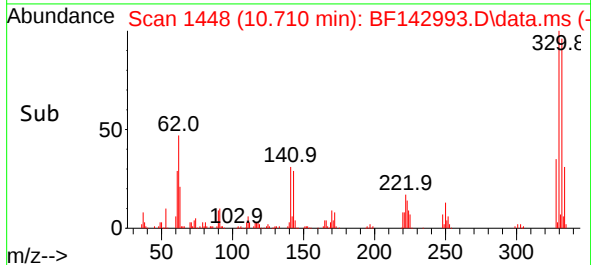
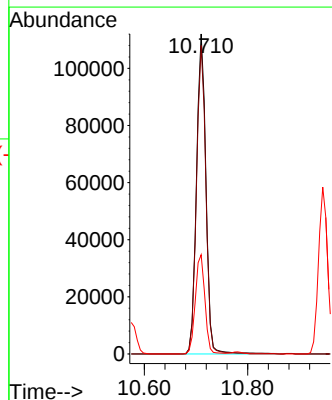
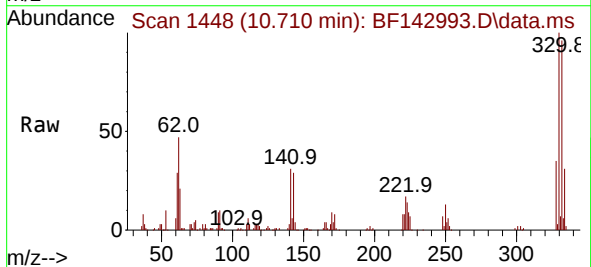


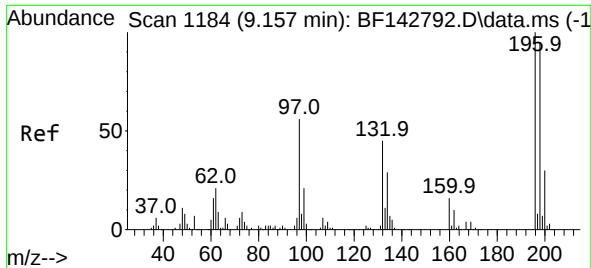
Tgt Ion:237 Resp: 163048
Ion Ratio Lower Upper
237 100
235 63.1 43.4 83.4
272 13.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 123.201 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:330 Resp: 142278
Ion Ratio Lower Upper
330 100
332 95.7 75.0 112.6
141 31.4 25.3 37.9

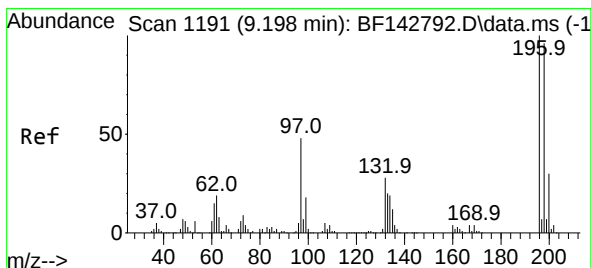
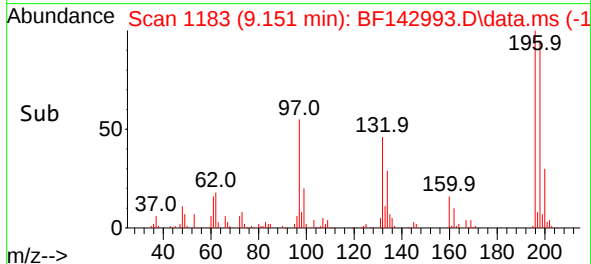
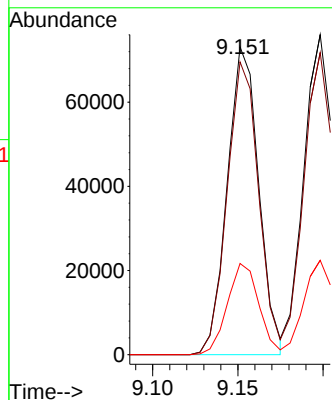
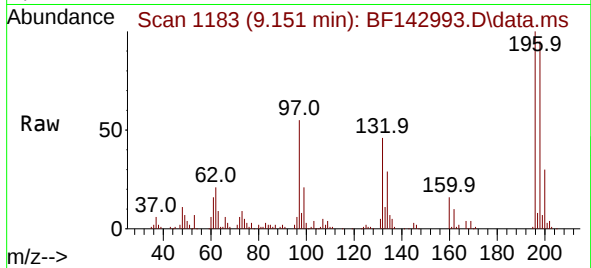




#43
2,4,6-Trichlorophenol
Concen: 43.571 ng
RT: 9.151 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

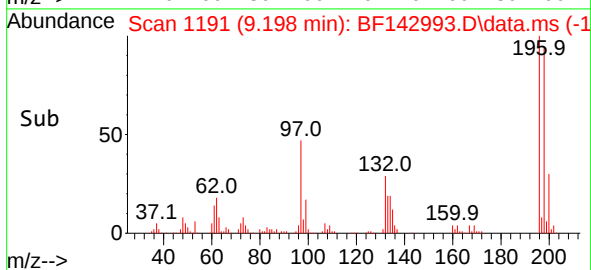
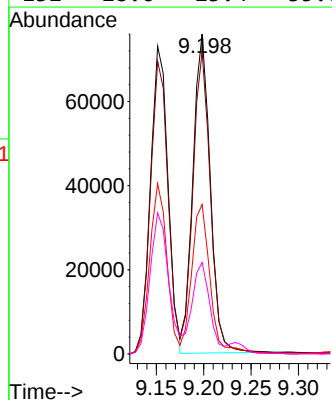
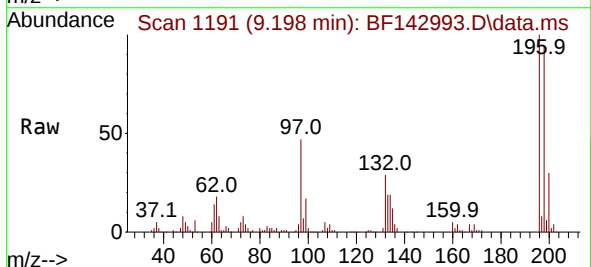
Instrument :
BNA_F
ClientSampleId :
PB168685BS

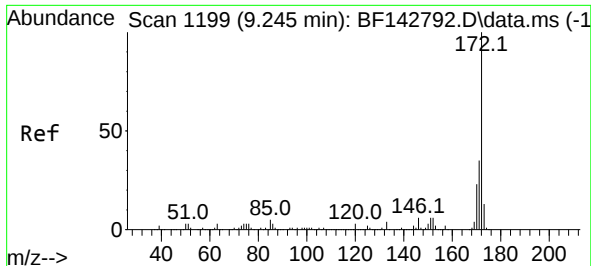
Tgt Ion:196 Resp: 94014
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.2
200 29.6 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 42.733 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:196 Resp: 97062
Ion Ratio Lower Upper
196 100
198 94.4 76.6 115.0
97 46.7 38.2 57.2
132 28.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 81.264 ng

RT: 9.234 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS

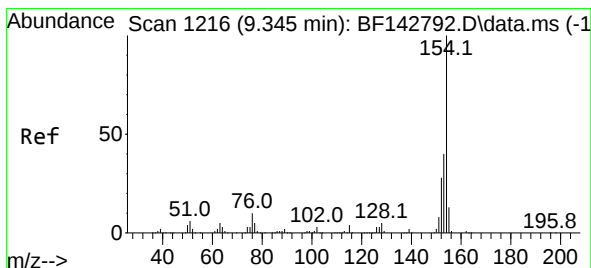
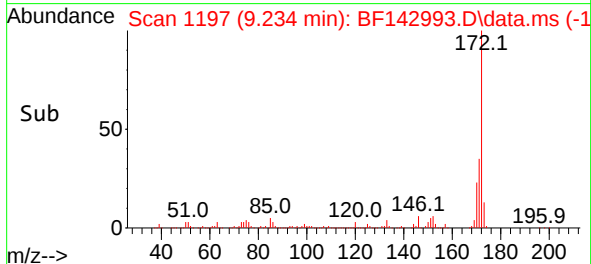
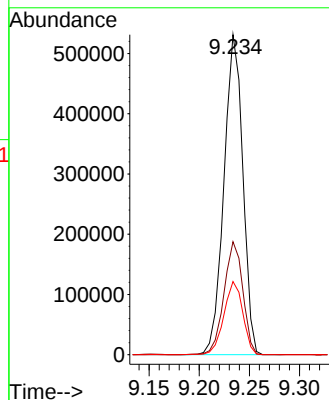
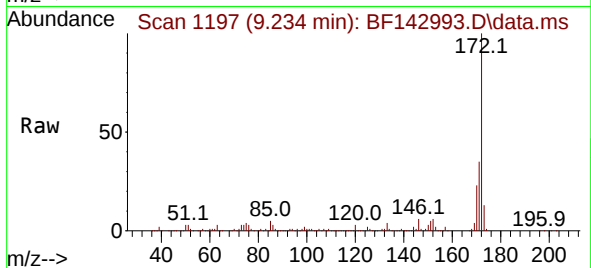
Tgt Ion:172 Resp: 694203

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 22.8 18.5 27.7



#46

1,1'-Biphenyl

Concen: 45.264 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.012 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

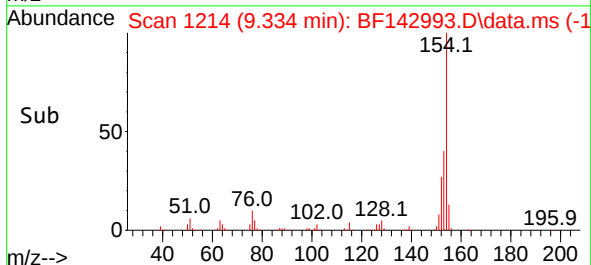
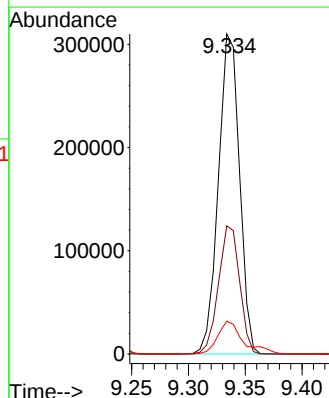
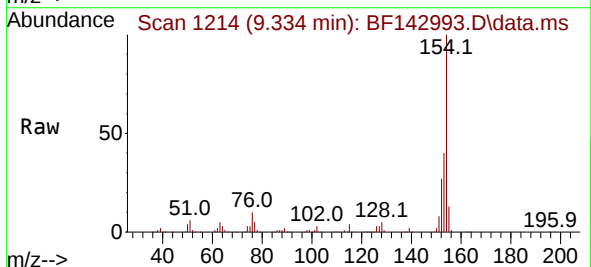
Tgt Ion:154 Resp: 401265

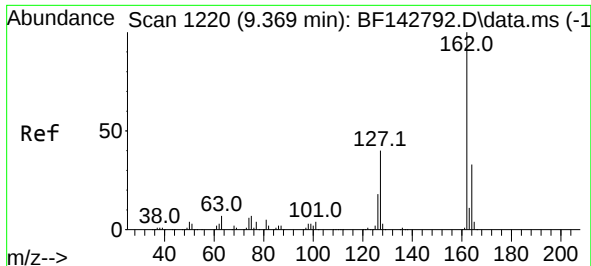
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 10.3 0.0 30.3





#47

2-Chloronaphthalene

Concen: 44.579 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS

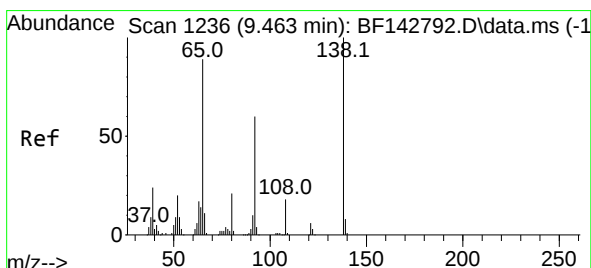
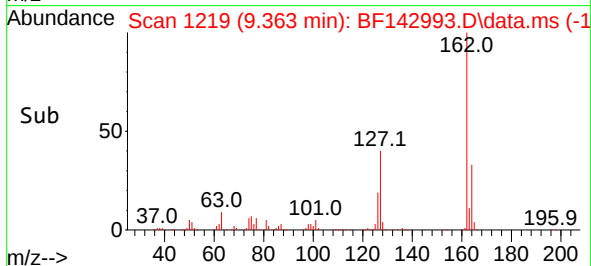
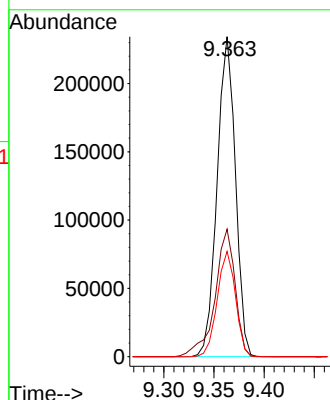
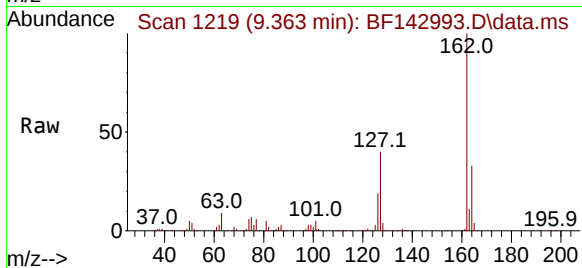
Tgt Ion:162 Resp: 296561

Ion Ratio Lower Upper

162 100

127 39.8 32.2 48.2

164 32.9 26.1 39.1



#48

2-Nitroaniline

Concen: 42.613 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

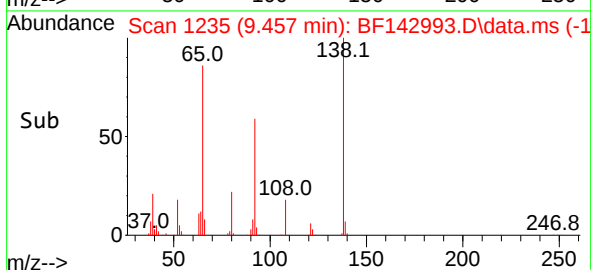
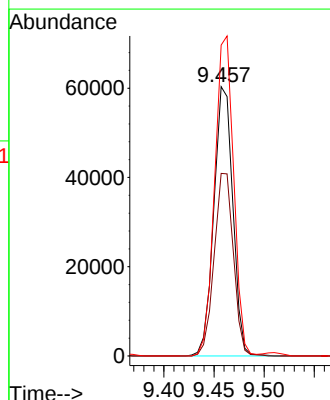
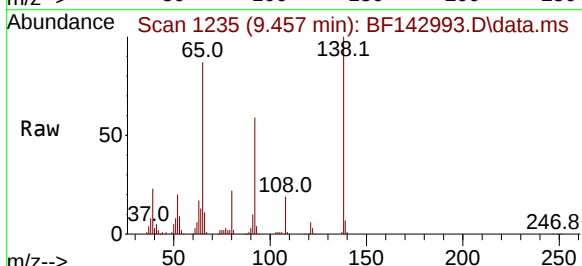
Tgt Ion: 65 Resp: 79476

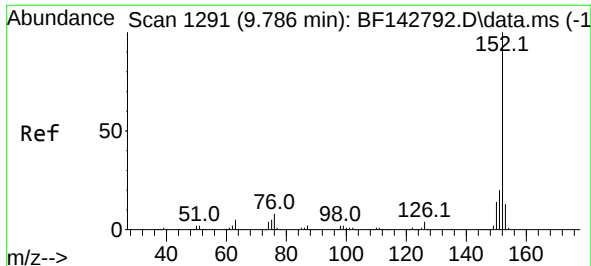
Ion Ratio Lower Upper

65 100

92 67.8 53.8 80.6

138 115.5 89.6 134.4

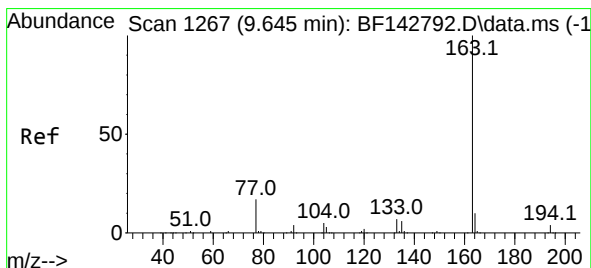
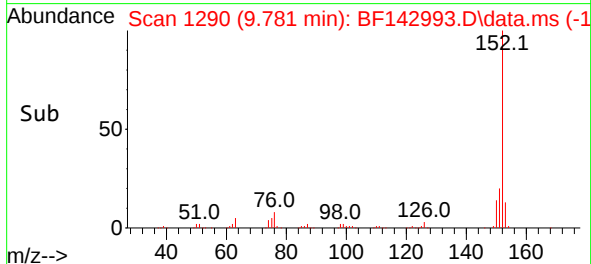
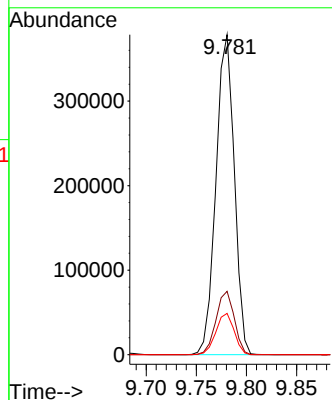
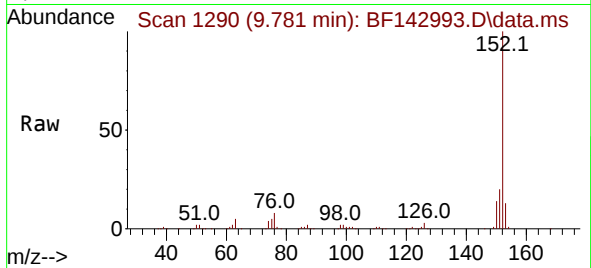




#49
Acenaphthylene
Concen: 43.861 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

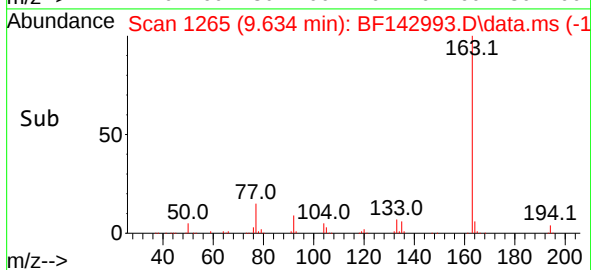
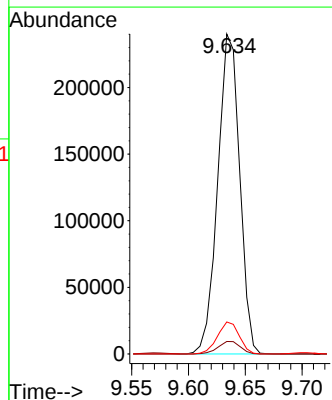
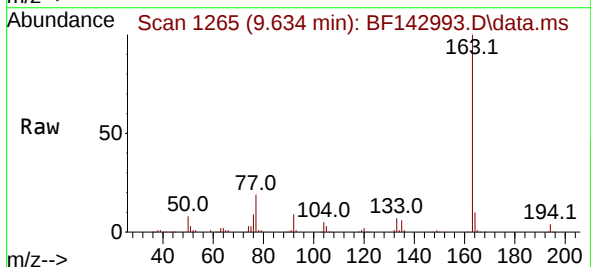
Instrument :
BNA_F
ClientSampleId :
PB168685BS

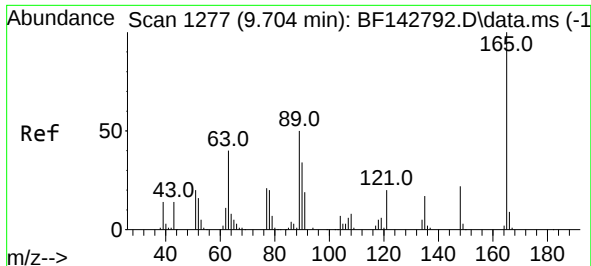
Tgt Ion:152 Resp: 480339
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 44.434 ng
RT: 9.634 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:163 Resp: 322777
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.0 12.0

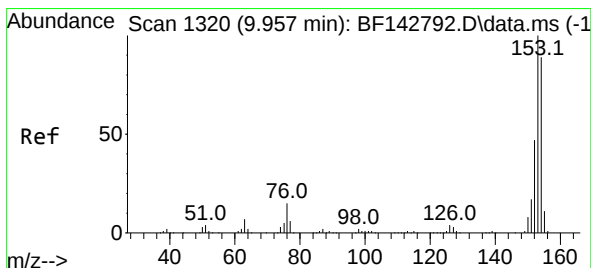
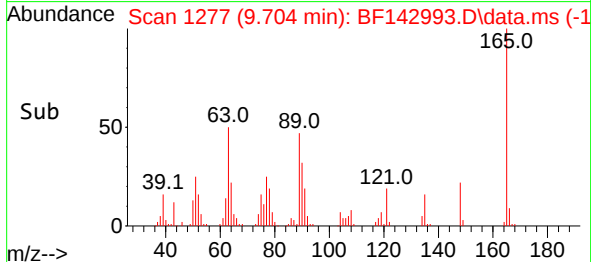
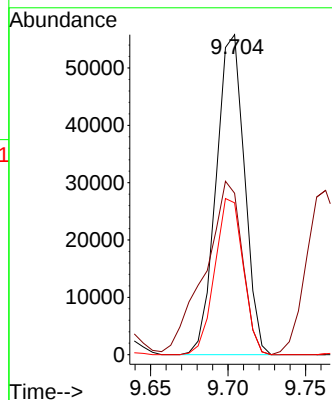
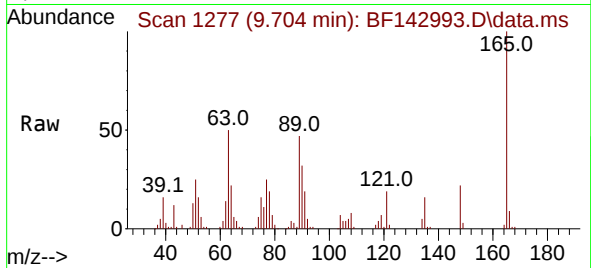




#51
2,6-Dinitrotoluene
Concen: 44.434 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

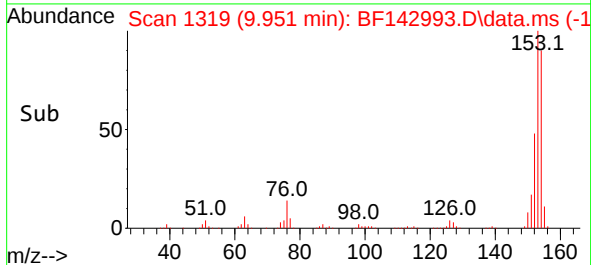
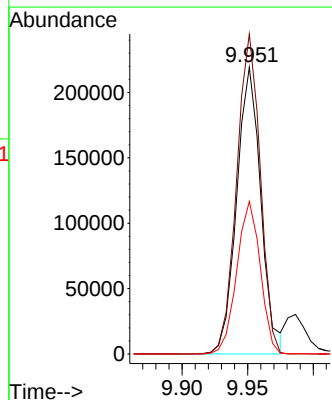
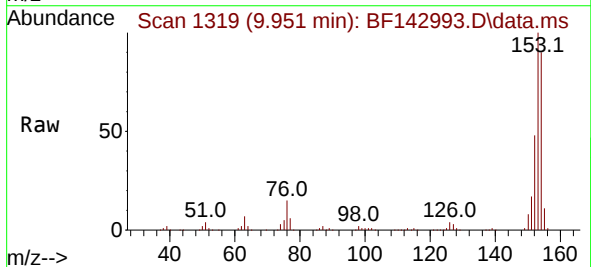
Instrument :
BNA_F
ClientSampleId :
PB168685BS

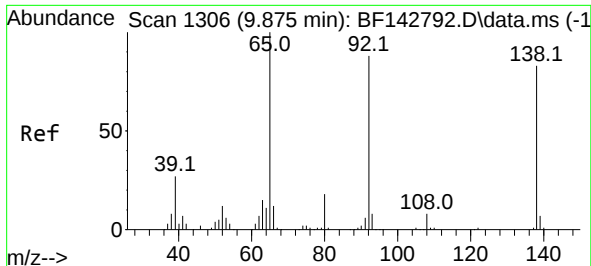
Tgt Ion:165 Resp: 70885
Ion Ratio Lower Upper
165 100
63 50.5 44.2 66.4
89 47.4 39.8 59.8



#52
Acenaphthene
Concen: 42.161 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:154 Resp: 281706
Ion Ratio Lower Upper
154 100
153 111.6 90.0 135.0
152 53.2 41.9 62.9

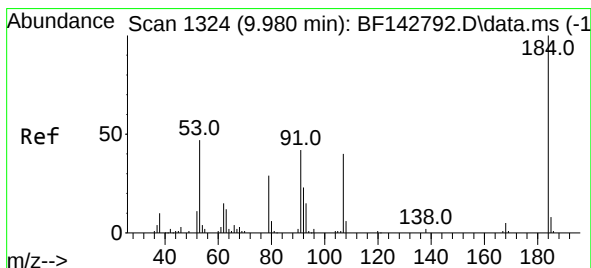
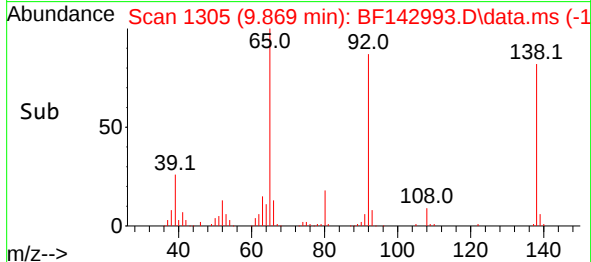
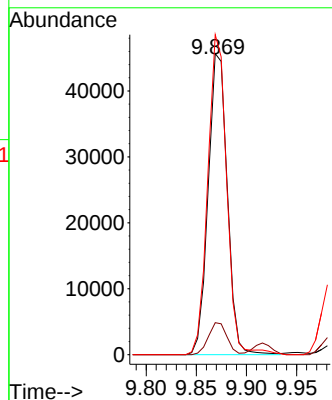
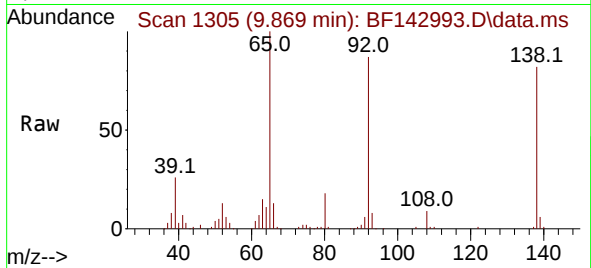




#53
3-Nitroaniline
Concen: 34.472 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

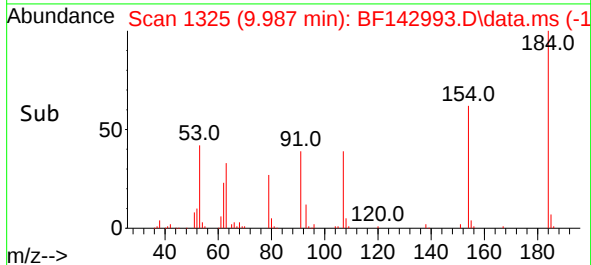
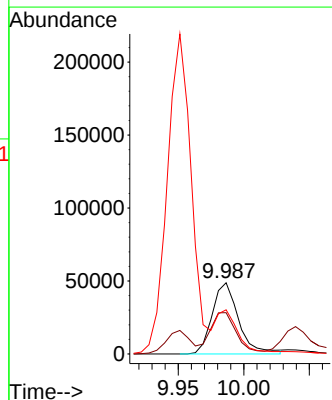
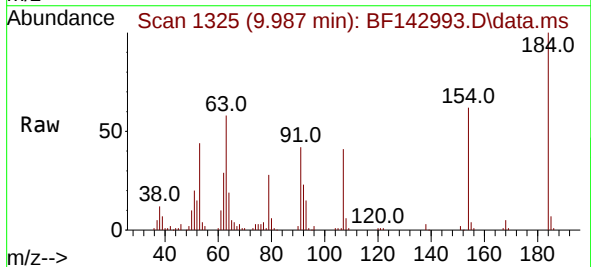
Instrument :
BNA_F
ClientSampleId :
PB168685BS

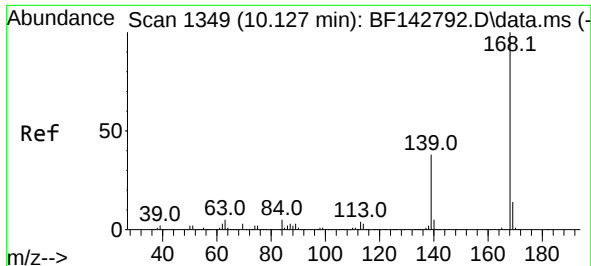
Tgt Ion:138 Resp: 60548
Ion Ratio Lower Upper
138 100
108 10.6 8.1 12.1
92 106.3 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 85.571 ng
RT: 9.987 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:184 Resp: 68353
Ion Ratio Lower Upper
184 100
63 58.0 50.6 75.8
154 62.0 51.8 77.8

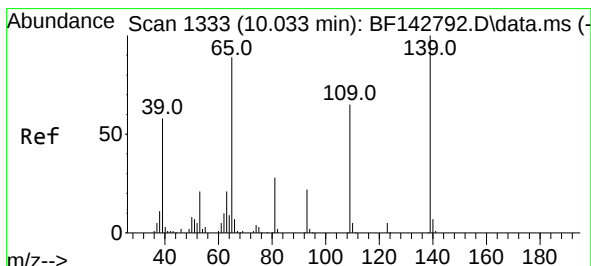
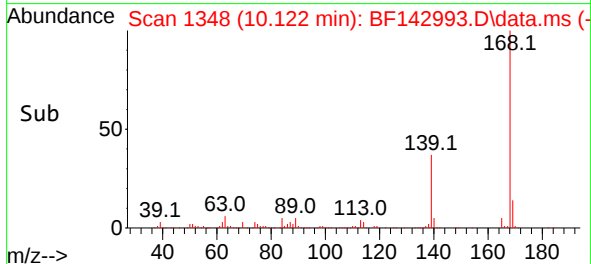
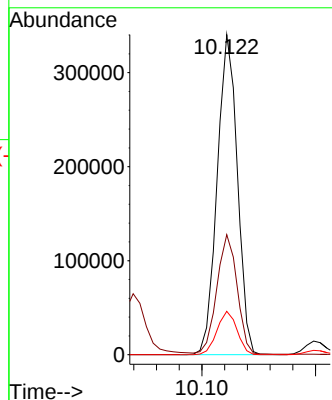
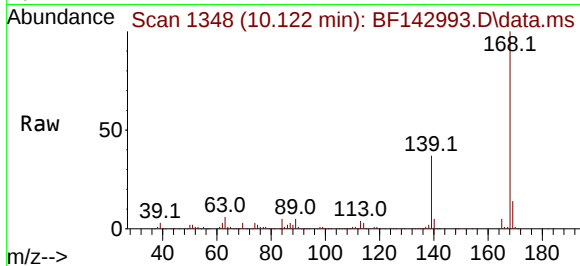




#55
Dibenzofuran
Concen: 43.904 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

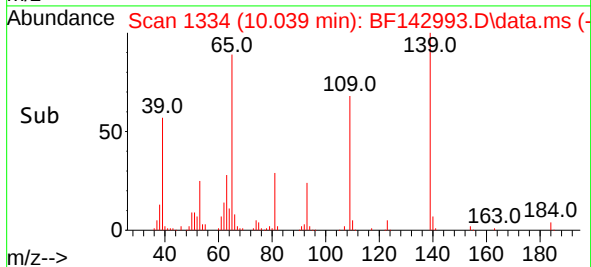
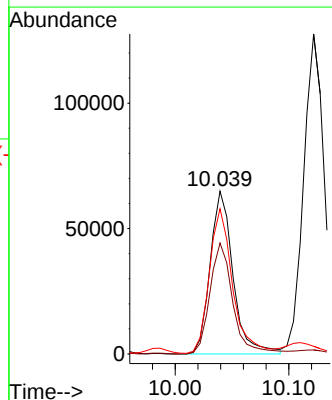
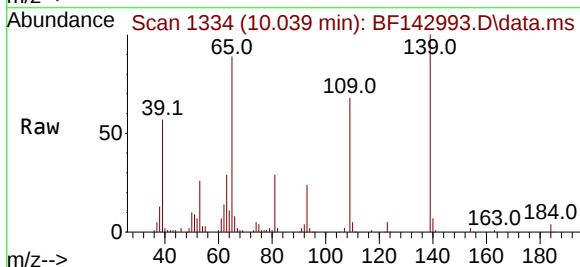
Instrument :
BNA_F
ClientSampleId :
PB168685BS

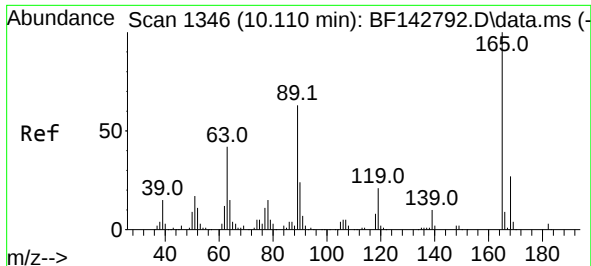
Tgt Ion:168 Resp: 420664
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 75.808 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:139 Resp: 91155
Ion Ratio Lower Upper
139 100
109 68.2 44.7 84.7
65 89.2 69.8 109.8

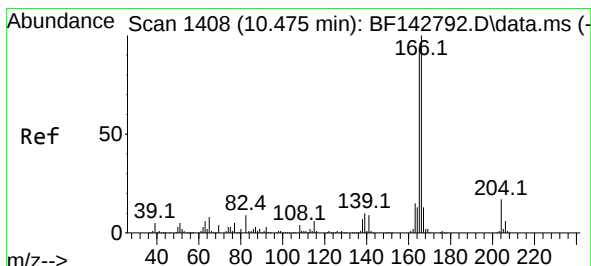
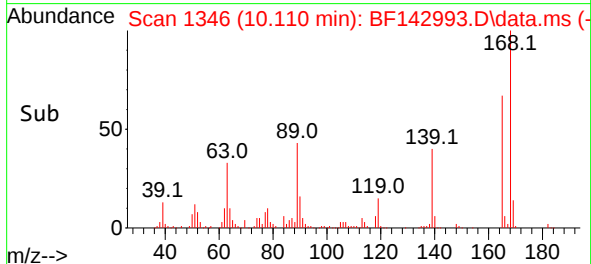
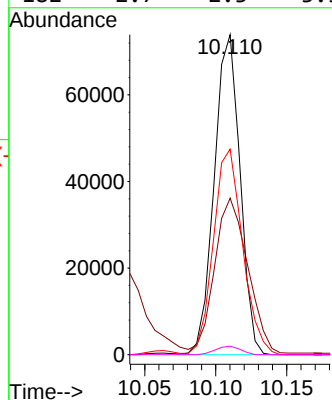
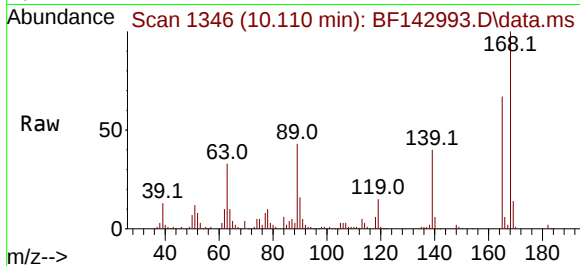




#57
2,4-Dinitrotoluene
Concen: 43.999 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

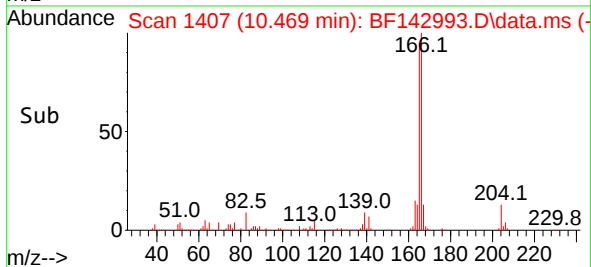
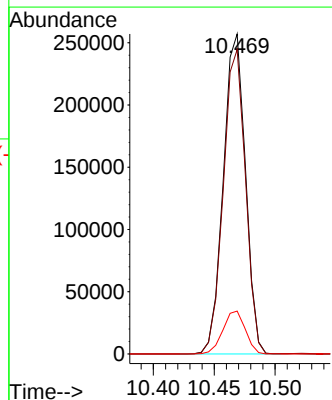
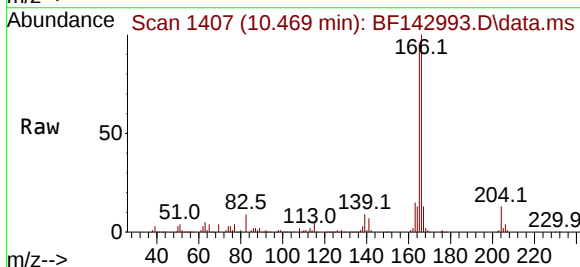
Instrument :
BNA_F
ClientSampleId :
PB168685BS

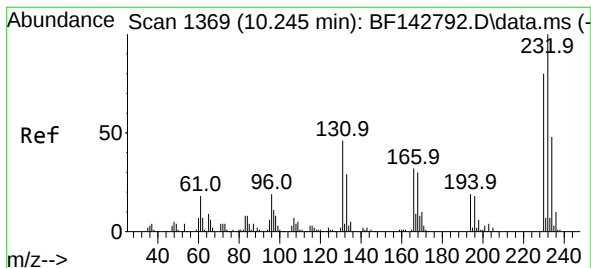
Tgt Ion:165 Resp: 93234
Ion Ratio Lower Upper
165 100
63 48.9 33.9 50.9
89 64.2 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 43.518 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:166 Resp: 325646
Ion Ratio Lower Upper
166 100
165 95.1 75.2 112.8
167 13.4 10.6 15.8

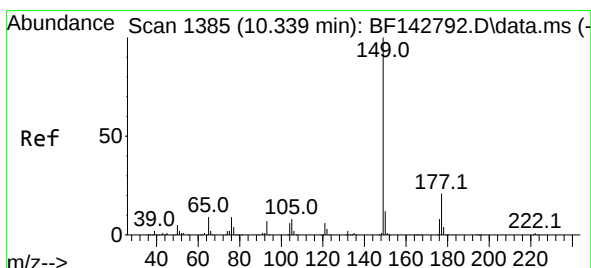
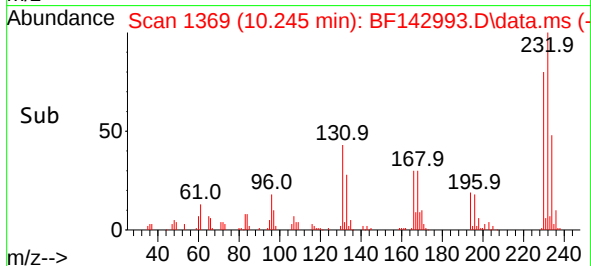
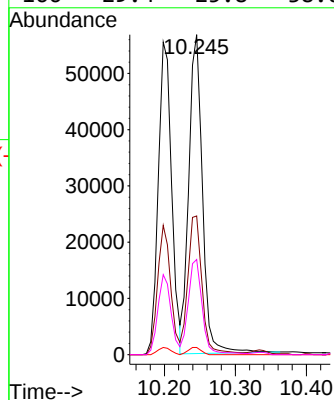
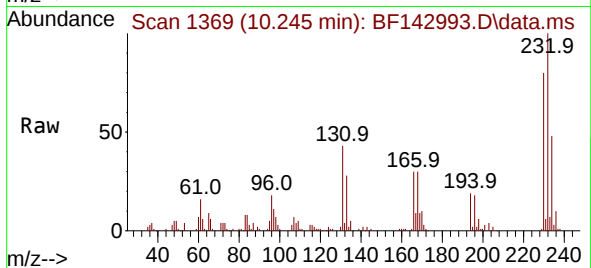




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.416 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

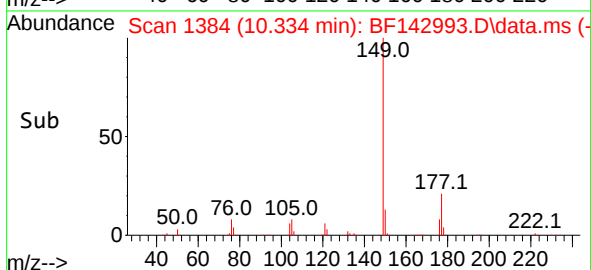
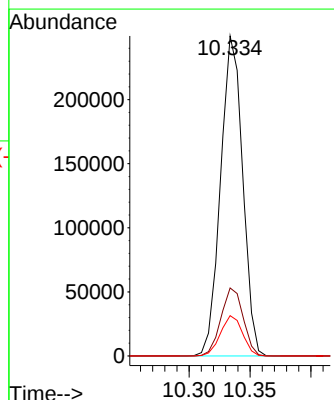
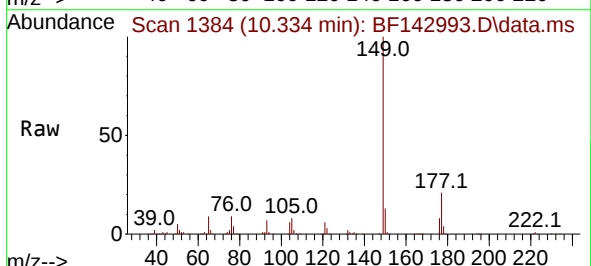
Instrument :
BNA_F
ClientSampleId :
PB168685BS

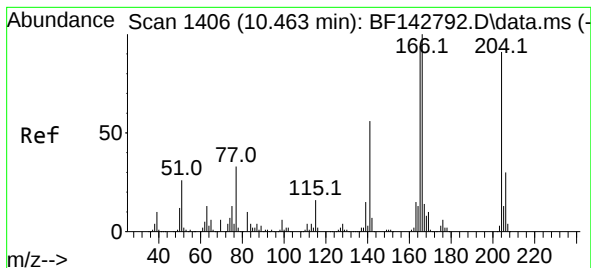
Tgt Ion:232	Resp:	75827
Ion Ratio	Lower	Upper
232	100	
131	45.3	37.6 56.4
130	2.2	1.7 2.5
166	29.4	25.8 38.6



#60
Diethylphthalate
Concen: 44.285 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:149	Resp:	315418
Ion Ratio	Lower	Upper
149	100	
177	21.3	17.0 25.6
150	12.6	9.8 14.6

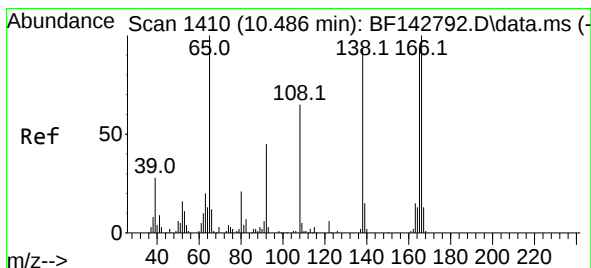
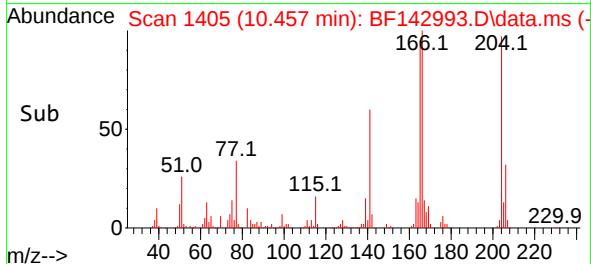
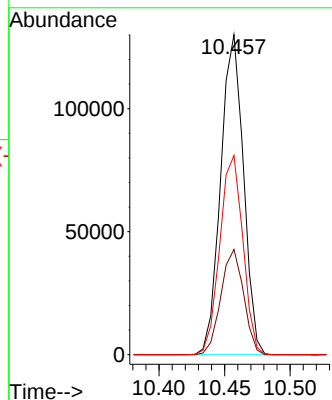
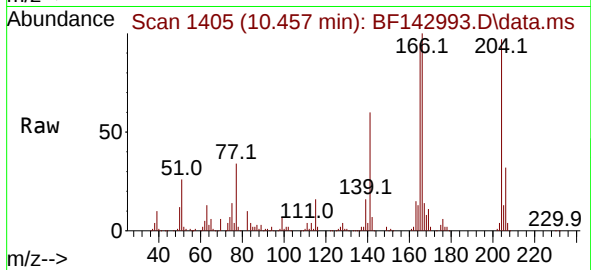




#61
4-Chlorophenyl-phenylether
Concen: 43.965 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

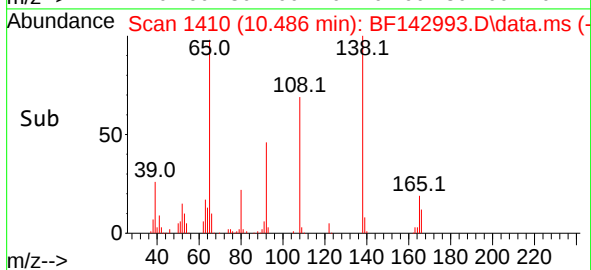
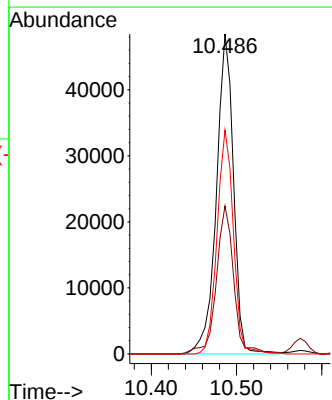
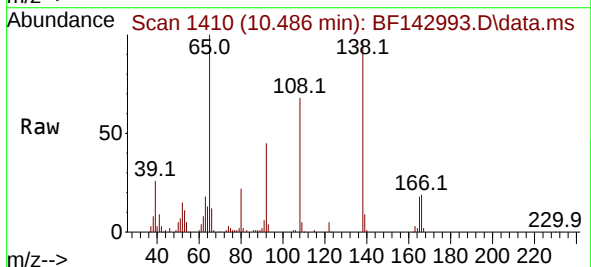
Instrument :
BNA_F
ClientSampleId :
PB168685BS

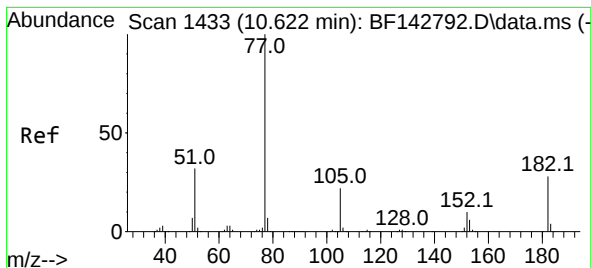
Tgt Ion:204 Resp: 156989
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 62.3 49.1 73.7



#62
4-Nitroaniline
Concen: 42.201 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:138 Resp: 67790
Ion Ratio Lower Upper
138 100
92 46.2 28.4 68.4
108 70.0 50.2 90.2





#63

Azobenzene

Concen: 42.796 ng

RT: 10.616 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS

Tgt Ion: 77 Resp: 272430

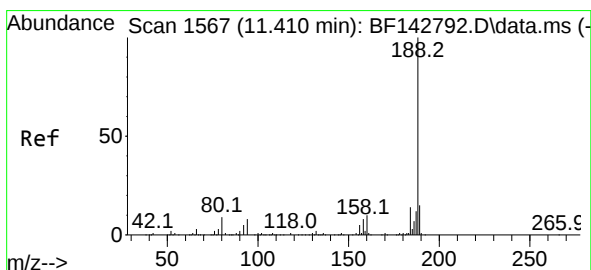
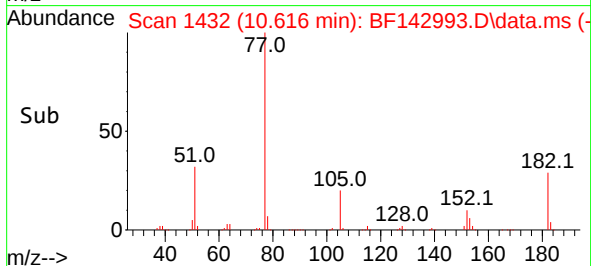
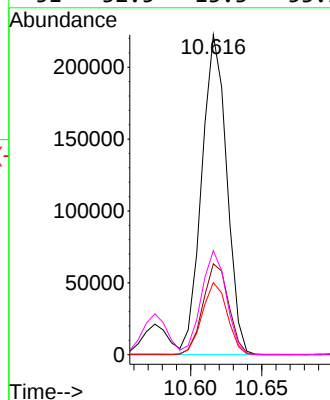
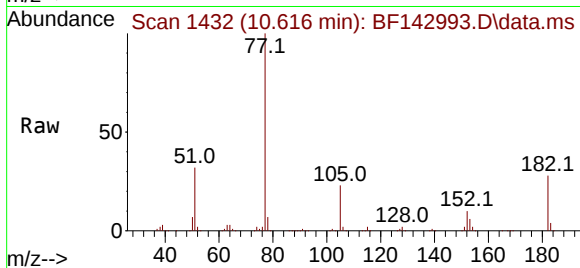
Ion Ratio Lower Upper

77 100

182 28.4 7.7 47.7

105 22.5 1.9 41.9

51 32.5 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: BF142993.D

Acq: 03 Jul 2025 12:54

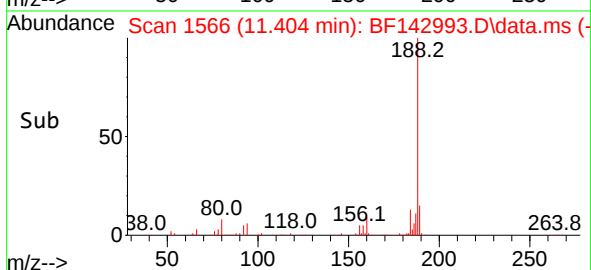
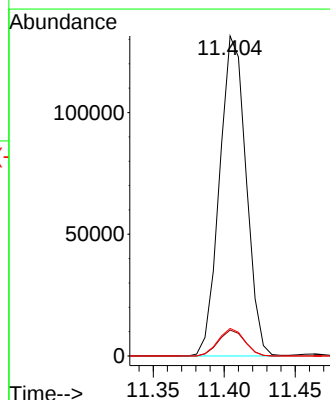
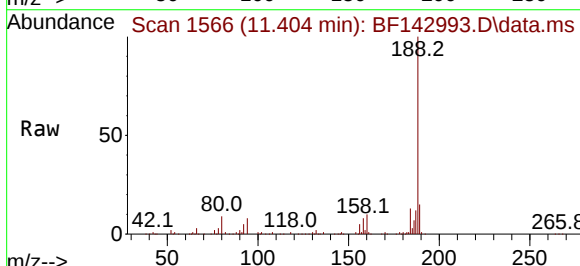
Tgt Ion: 188 Resp: 170842

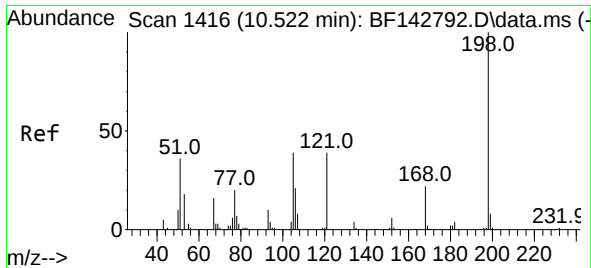
Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 8.6 6.9 10.3

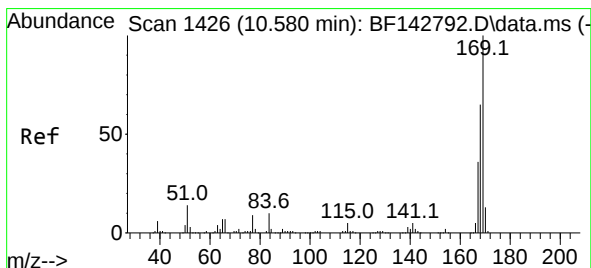
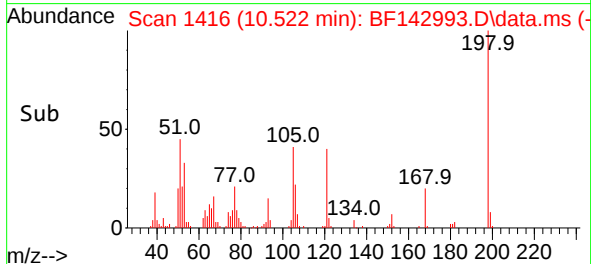
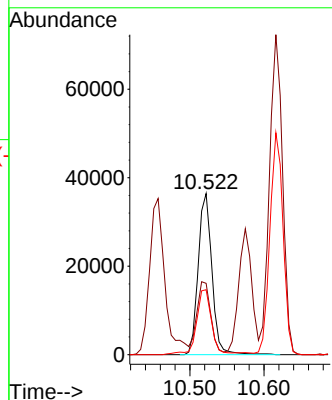
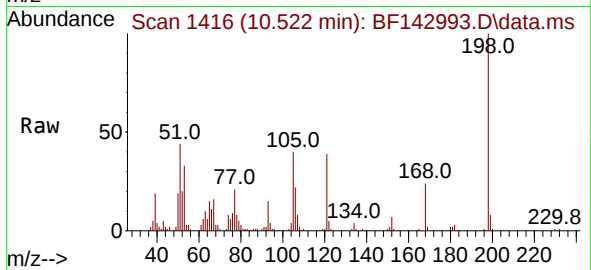




#65
4,6-Dinitro-2-methylphenol
Concen: 45.446 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

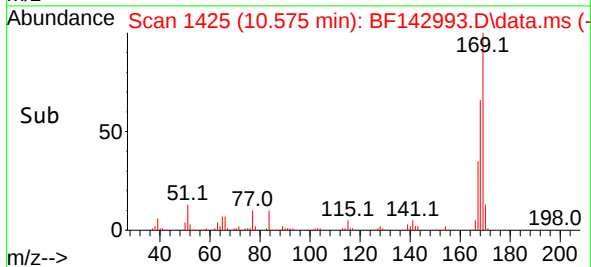
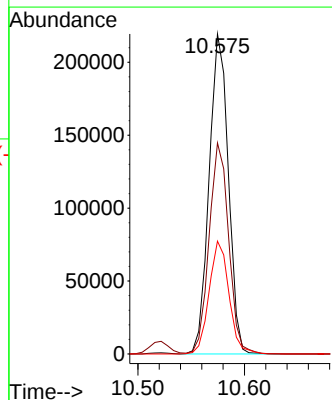
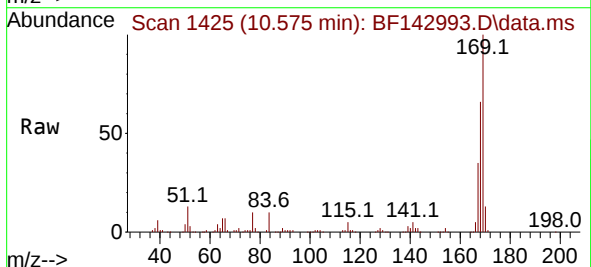
Instrument :
BNA_F
ClientSampleId :
PB168685BS

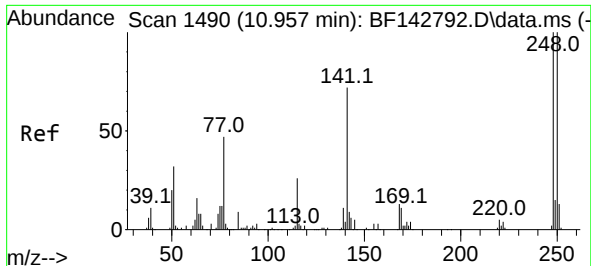
Tgt Ion:198 Resp: 46962
Ion Ratio Lower Upper
198 100
51 44.3 25.4 65.4
105 40.4 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 46.347 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:169 Resp: 274421
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 35.2 28.5 42.7

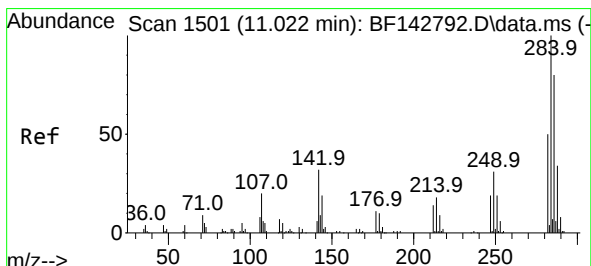
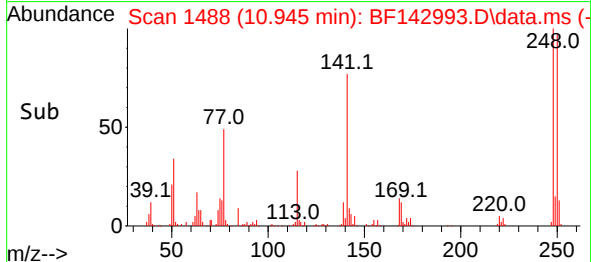
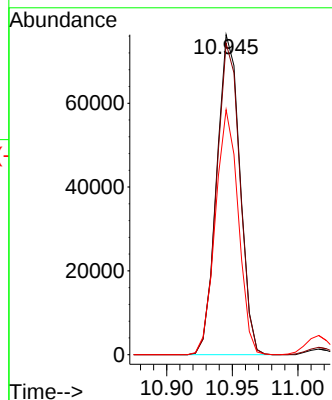
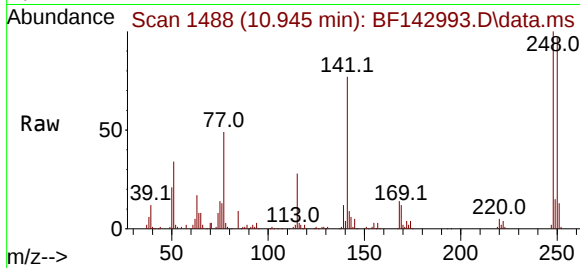




#67
4-Bromophenyl-phenylether
Concen: 48.352 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

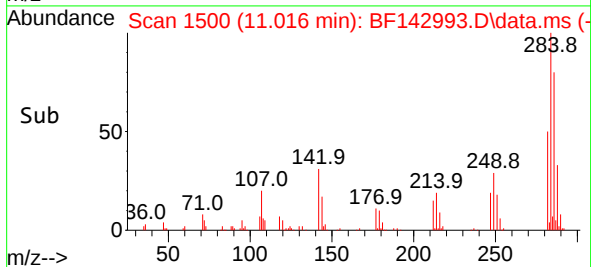
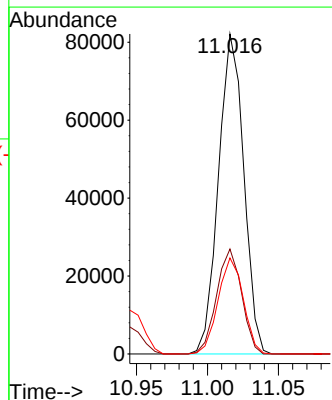
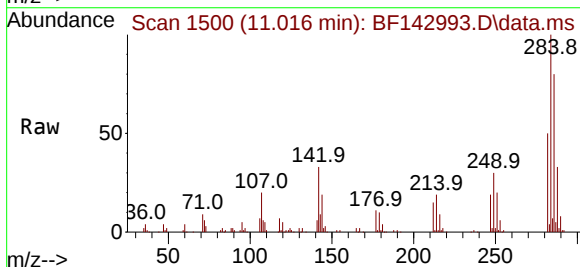
Instrument :
BNA_F
ClientSampleId :
PB168685BS

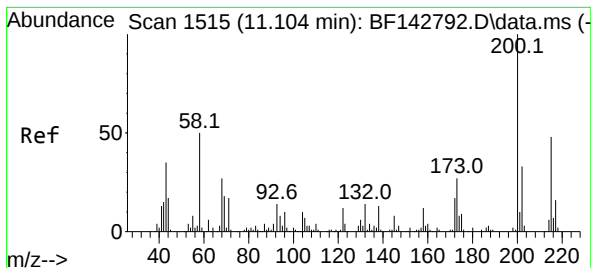
Tgt Ion:248 Resp: 94013
Ion Ratio Lower Upper
248 100
250 97.3 79.8 119.8
141 76.5 57.8 86.6



#68
Hexachlorobenzene
Concen: 47.047 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:284 Resp: 101645
Ion Ratio Lower Upper
284 100
142 32.8 25.5 38.3
249 30.0 24.9 37.3





#69

Atrazine

Concen: 51.022 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS

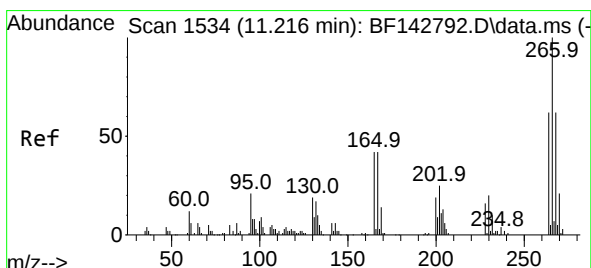
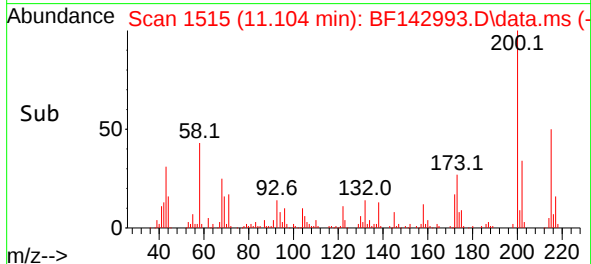
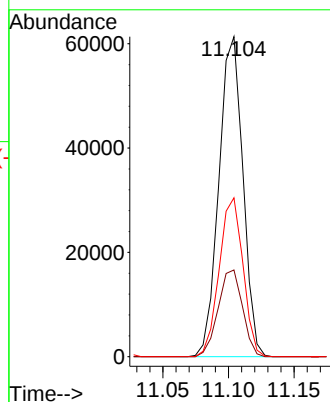
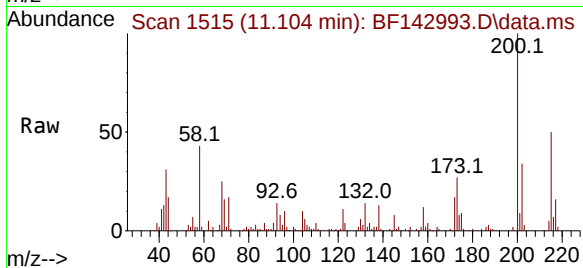
Tgt Ion:200 Resp: 78012

Ion Ratio Lower Upper

200 100

173 27.1 7.4 47.4

215 49.6 28.4 68.4



#70

Pentachlorophenol

Concen: 84.182 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

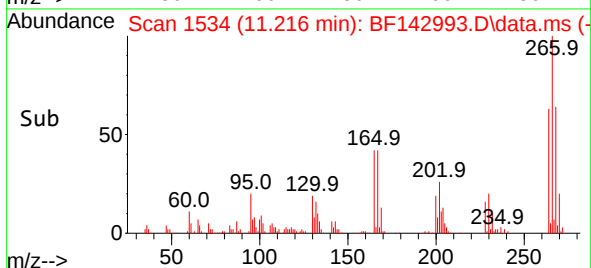
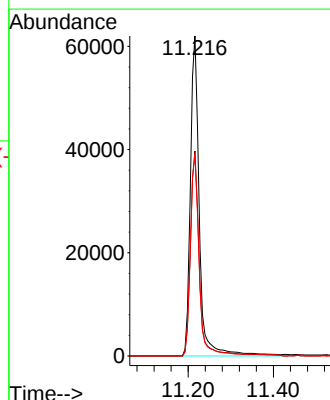
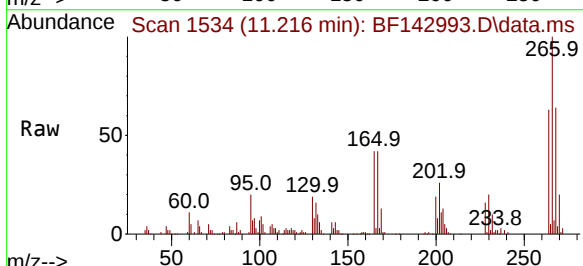
Tgt Ion:266 Resp: 90628

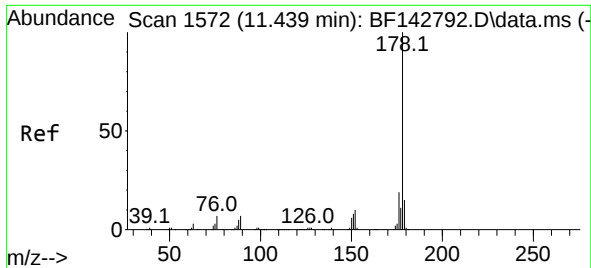
Ion Ratio Lower Upper

266 100

268 64.1 49.8 74.8

264 62.9 49.9 74.9

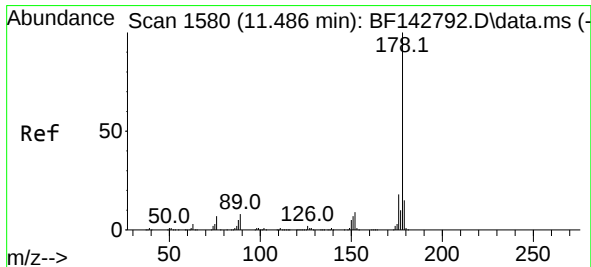
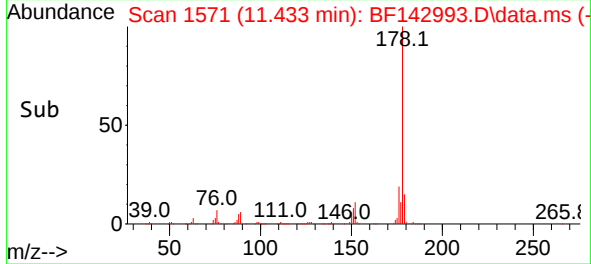
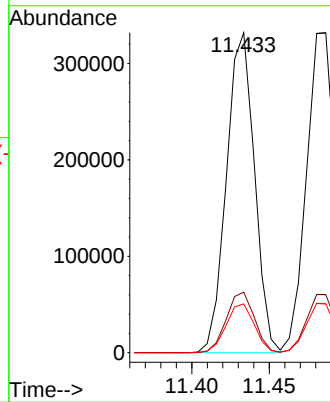
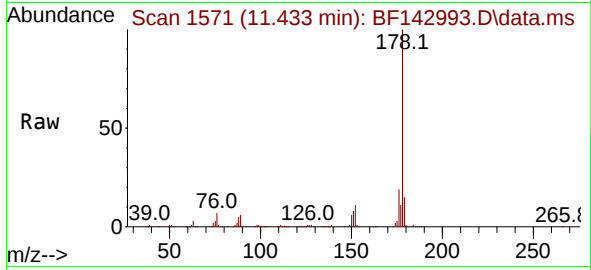




#71
Phenanthrene
Concen: 45.133 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

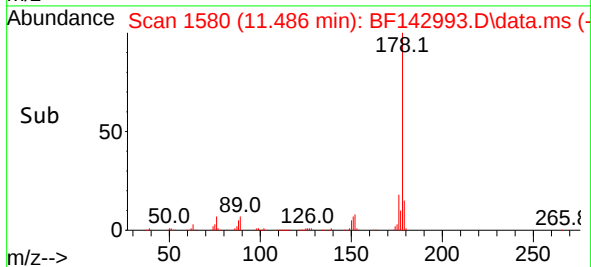
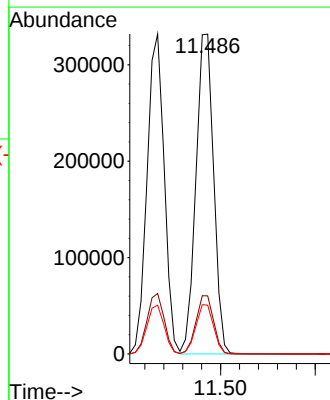
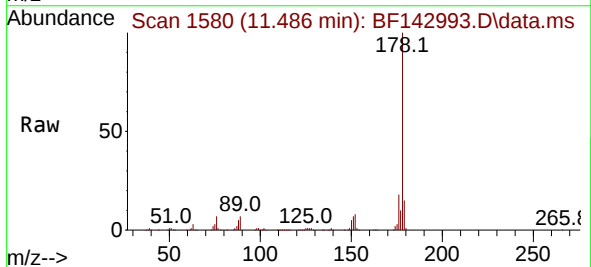
Instrument :
BNA_F
ClientSampleId :
PB168685BS

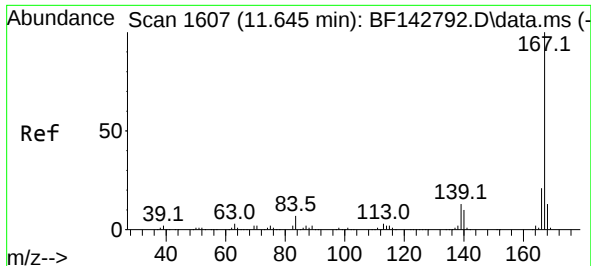
Tgt Ion:178 Resp: 417688
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 45.569 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

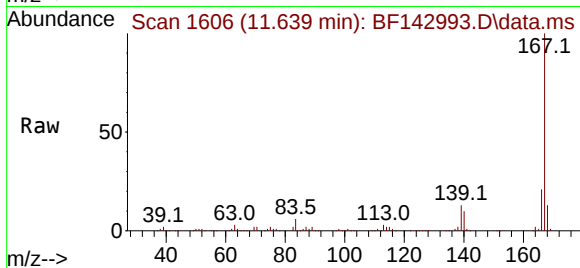
Tgt Ion:178 Resp: 432513
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.3 12.4 18.6



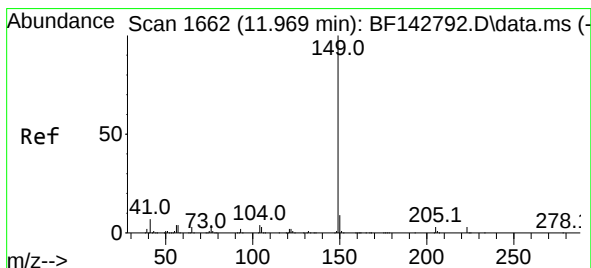
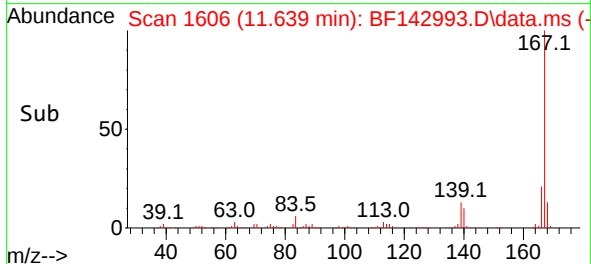
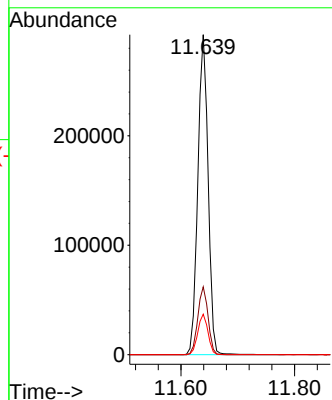


#73
 Carbazole
 Concen: 45.002 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142993.D
 Acq: 03 Jul 2025 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB168685BS

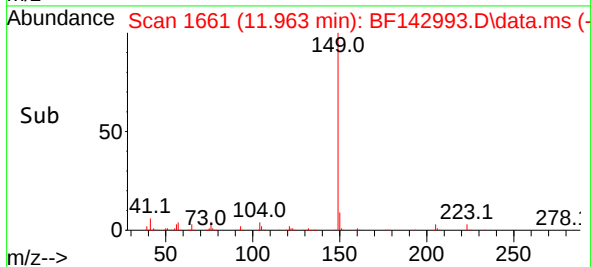
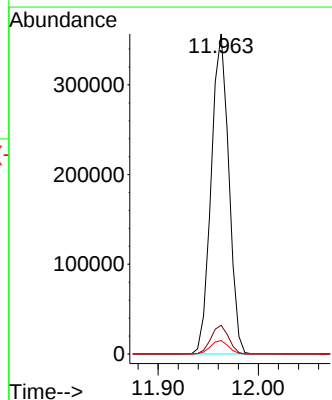
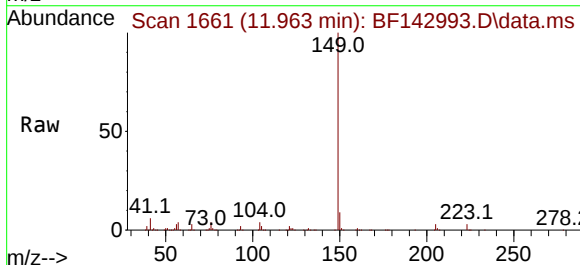


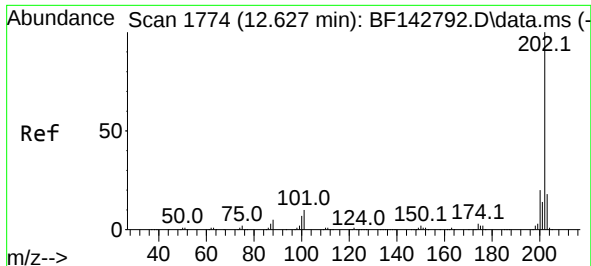
Tgt Ion:167 Resp: 368592
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 51.014 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142993.D
 Acq: 03 Jul 2025 12:54

Tgt Ion:149 Resp: 435285
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.2 3.5 5.3

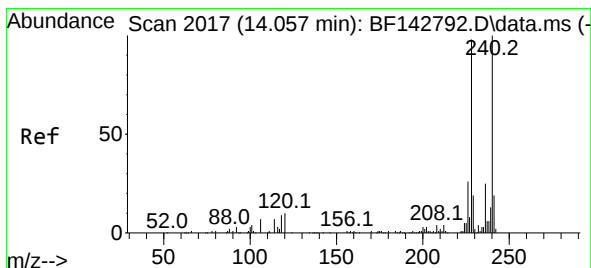
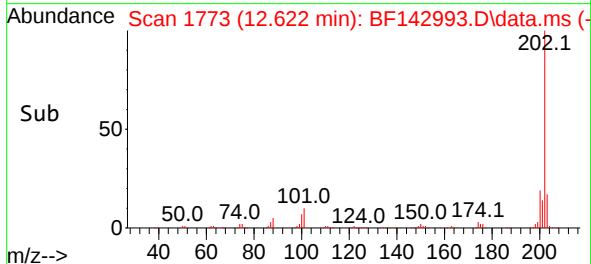
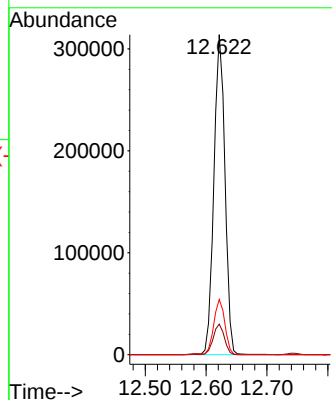
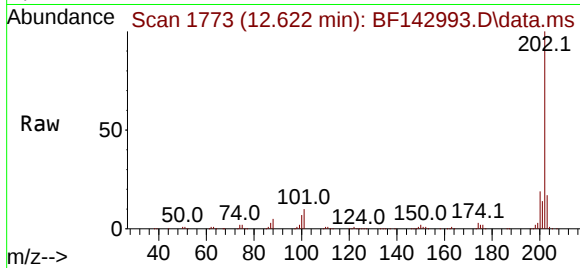




#75
Fluoranthene
Concen: 45.138 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

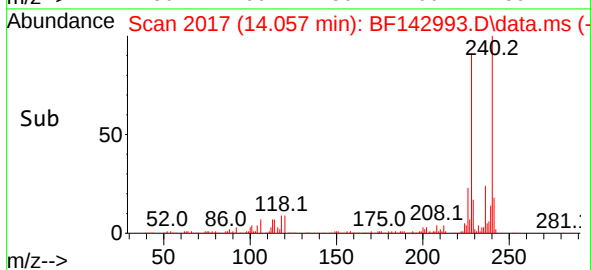
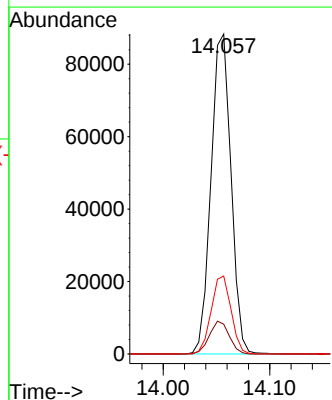
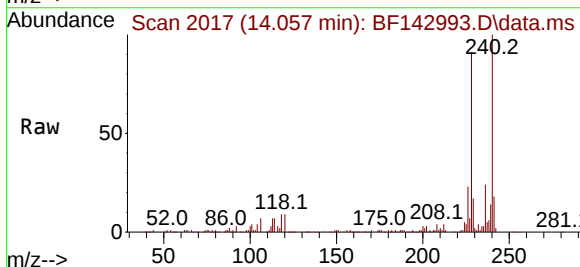
Instrument :
BNA_F
ClientSampleId :
PB168685BS

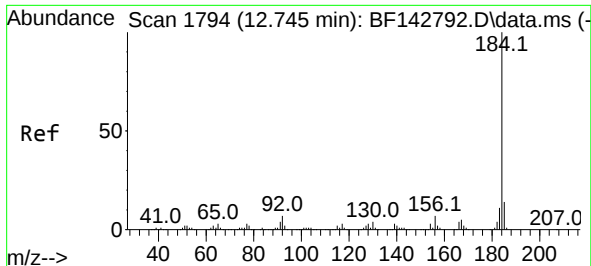
Tgt Ion:202 Resp: 396445
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:240 Resp: 115022
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 24.3 19.8 29.8

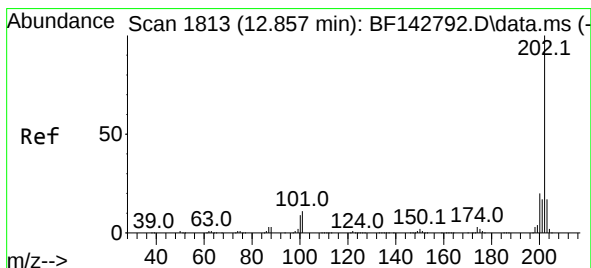
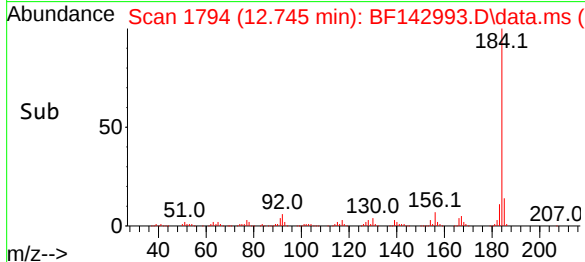
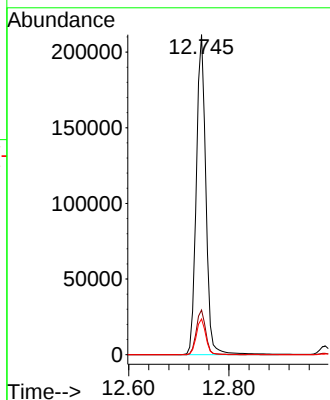
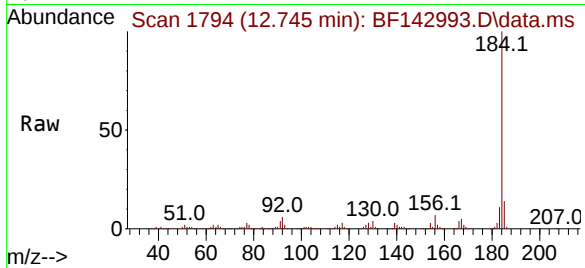




#77
Benzidine
Concen: 64.438 ng
RT: 12.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

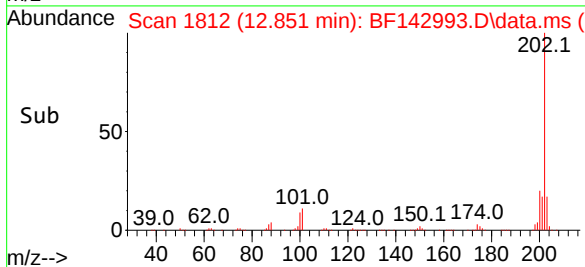
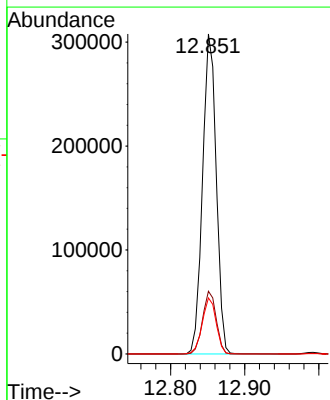
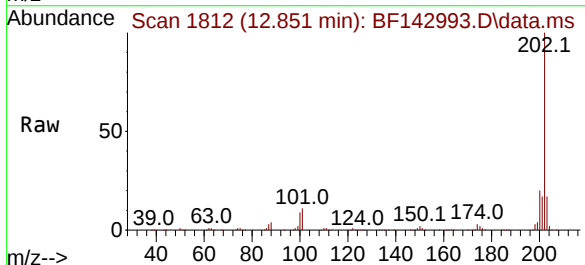
Instrument :
BNA_F
ClientSampleId :
PB168685BS

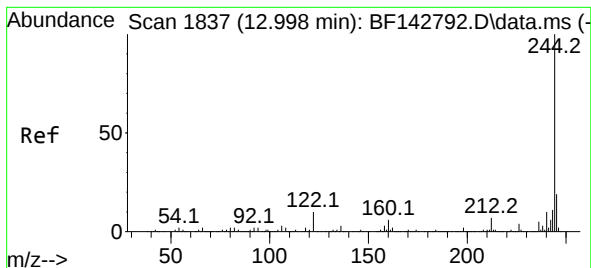
Tgt Ion:184 Resp: 278470
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.2 9.0 13.4



#78
Pyrene
Concen: 36.737 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:202 Resp: 396083
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 67.138 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142993.D

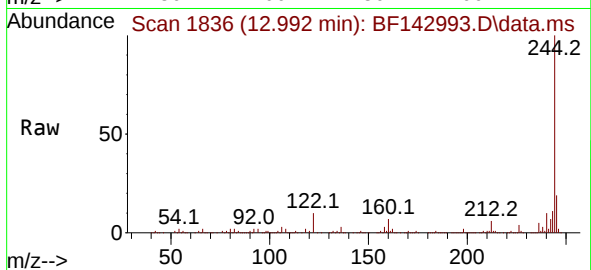
Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS



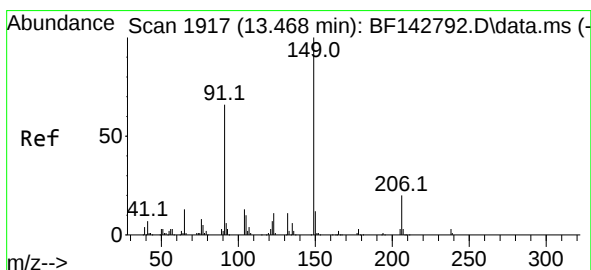
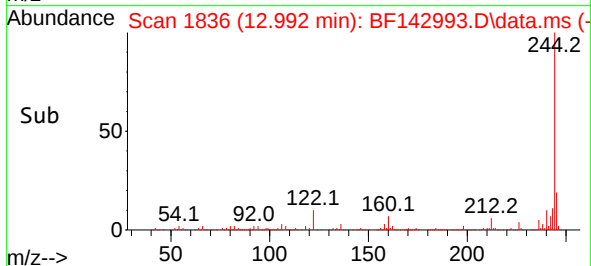
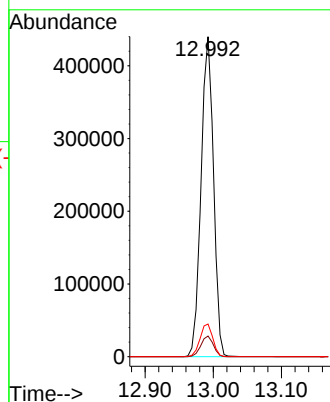
Tgt Ion:244 Resp: 558902

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 51.376 ng

RT: 13.463 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

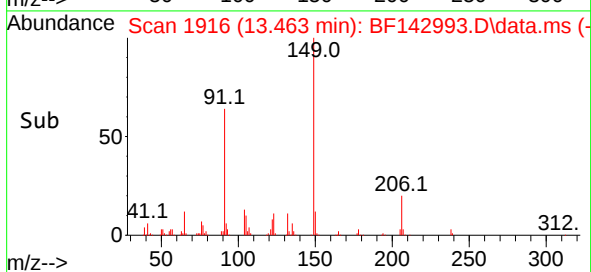
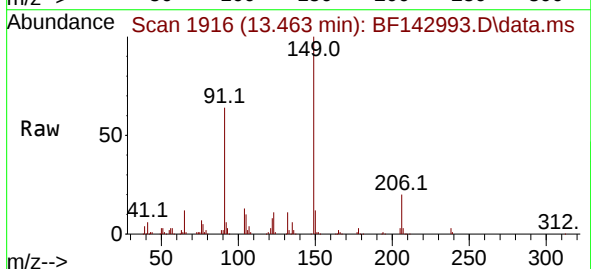
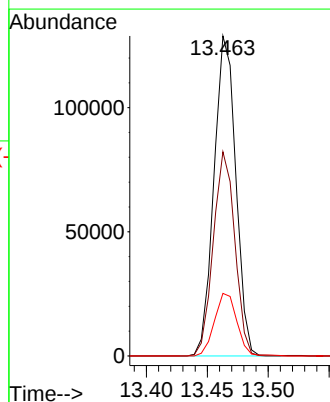
Tgt Ion:149 Resp: 160675

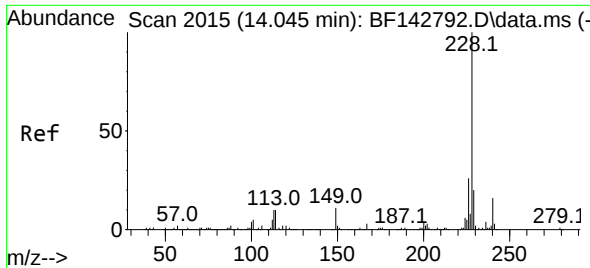
Ion Ratio Lower Upper

149 100

91 63.8 52.9 79.3

206 19.6 16.3 24.5

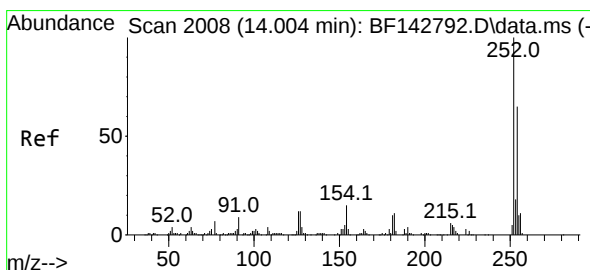
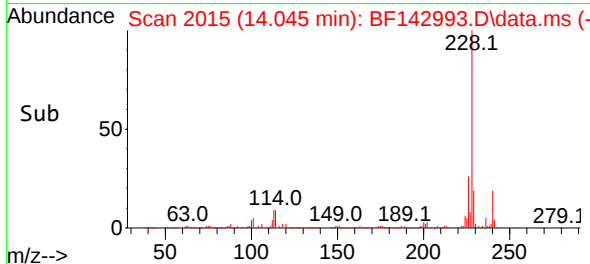
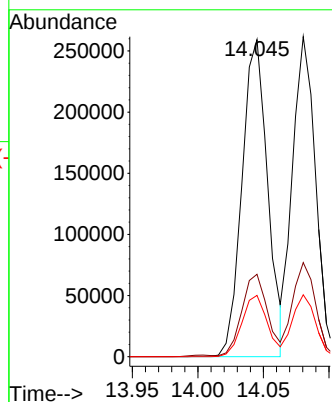
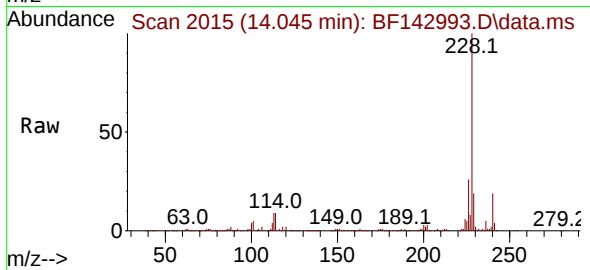




#81
Benzo(a)anthracene
Concen: 45.599 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

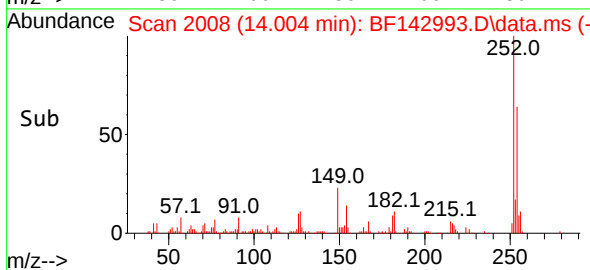
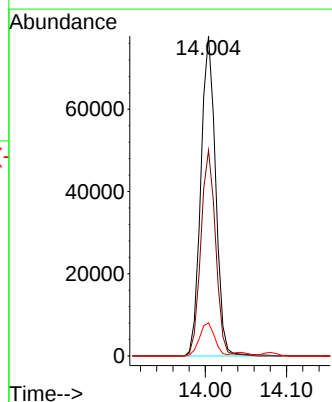
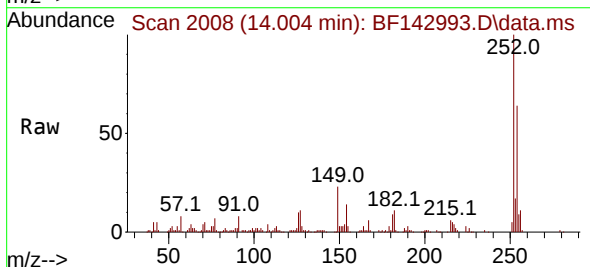
Instrument :
BNA_F
ClientSampleId :
PB168685BS

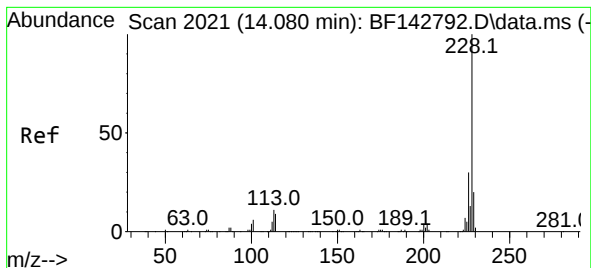
Tgt Ion:228 Resp: 353820
Ion Ratio Lower Upper
228 100
226 26.0 21.2 31.8
229 19.3 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 39.127 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:252 Resp: 98475
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 10.3 9.4 14.2





#83

Chrysene

Concen: 46.285 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS

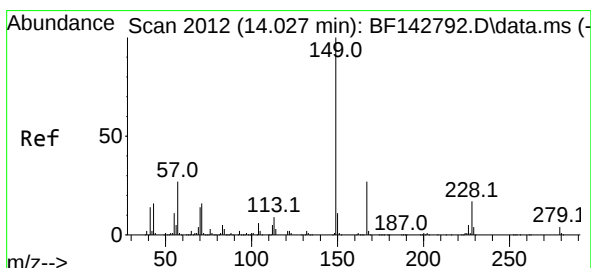
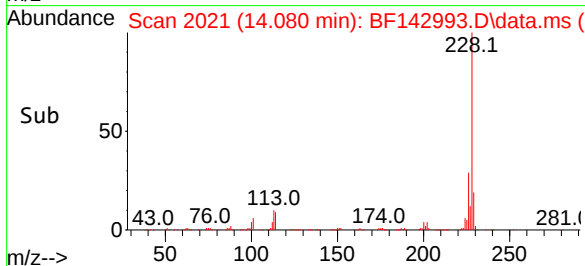
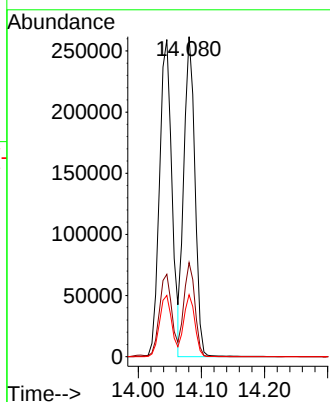
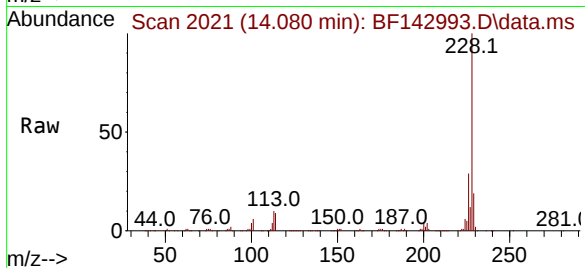
Tgt Ion:228 Resp: 320474

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.018 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

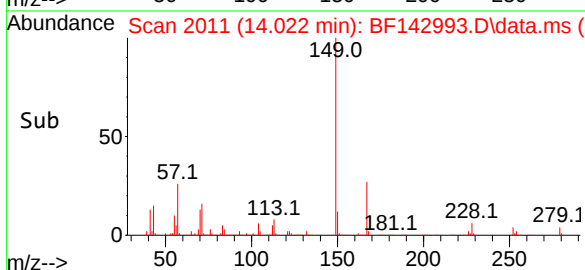
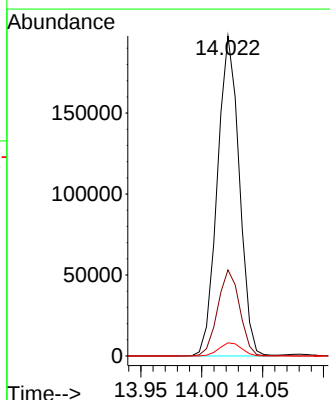
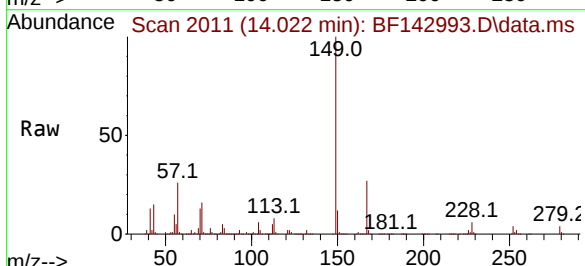
Tgt Ion:149 Resp: 247564

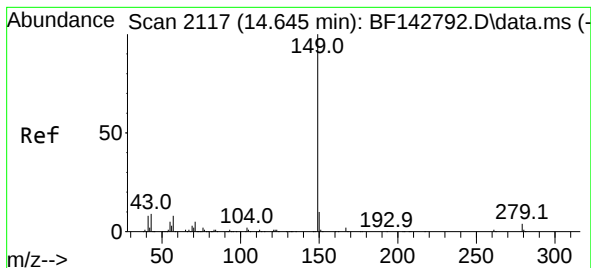
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 53.705 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS

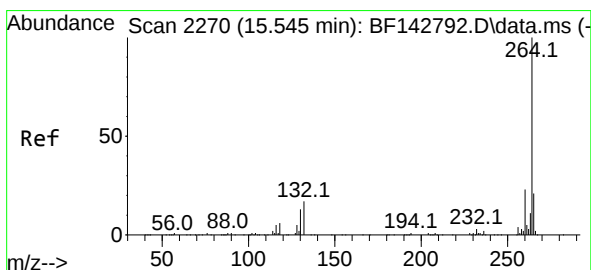
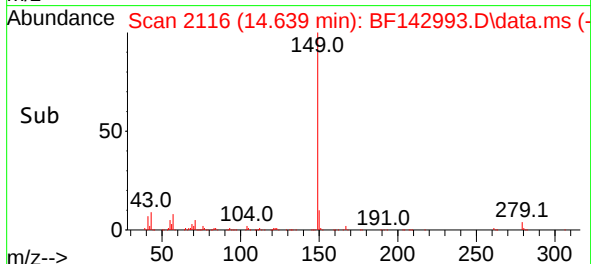
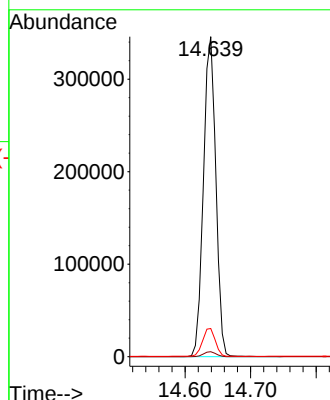
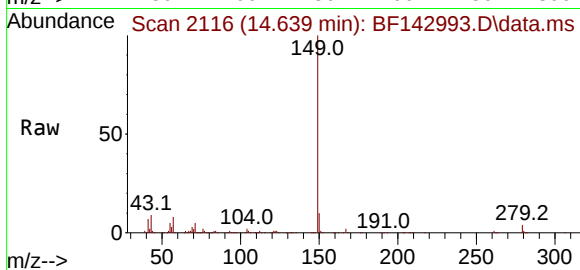
Tgt Ion:149 Resp: 455670

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: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

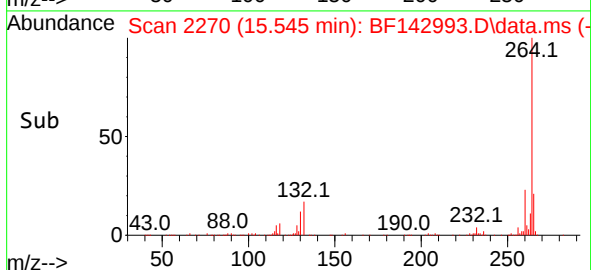
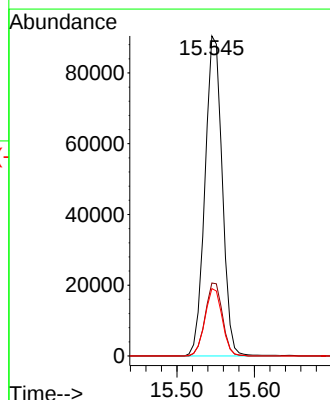
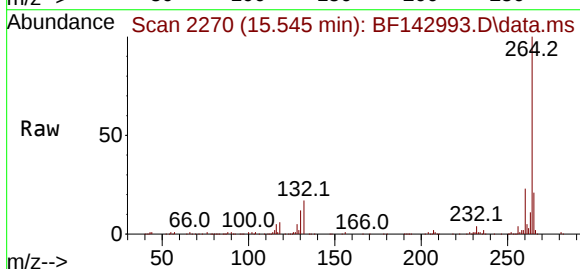
Tgt Ion:264 Resp: 139690

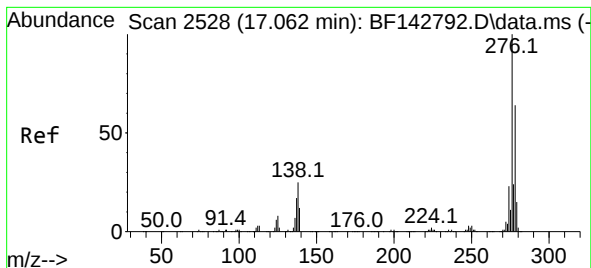
Ion Ratio Lower Upper

264 100

260 22.8 18.1 27.1

265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.518 ng

RT: 17.074 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS

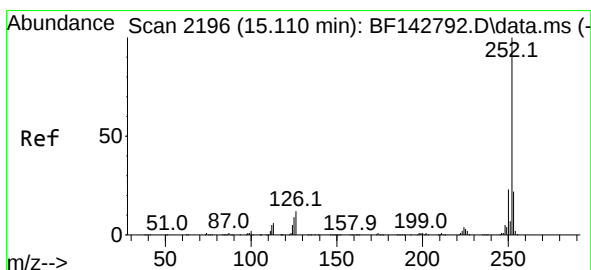
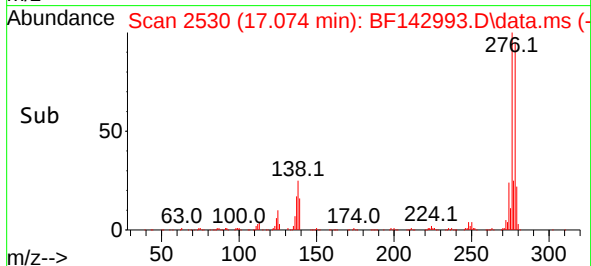
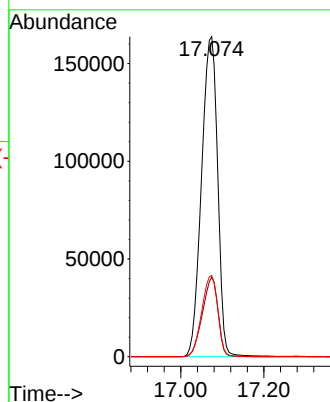
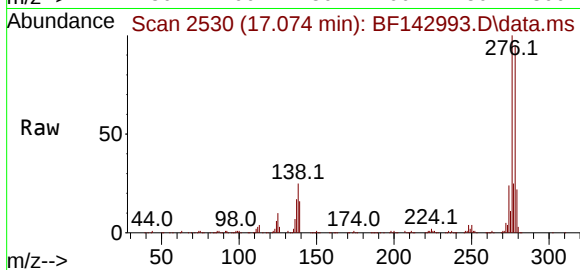
Tgt Ion:276 Resp: 441755

Ion Ratio Lower Upper

276 100

138 23.9 20.2 30.4

277 25.3 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 45.187 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

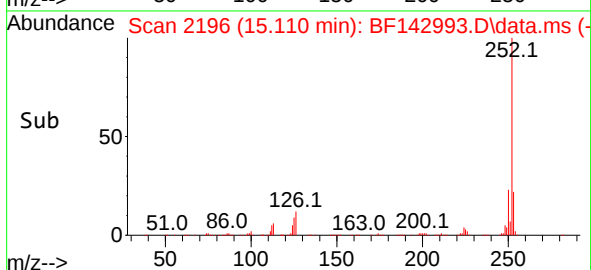
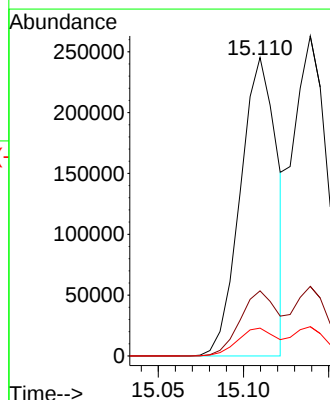
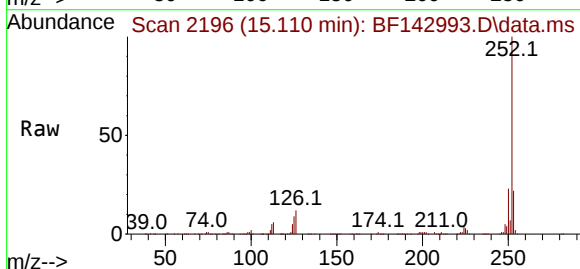
Tgt Ion:252 Resp: 365249

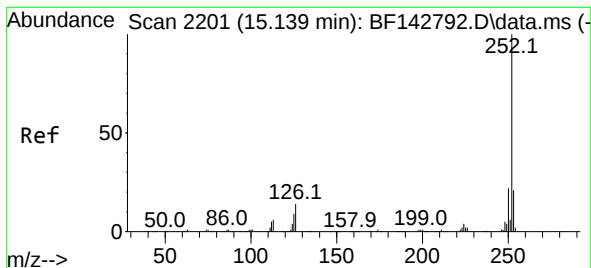
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 48.624 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB168685BS

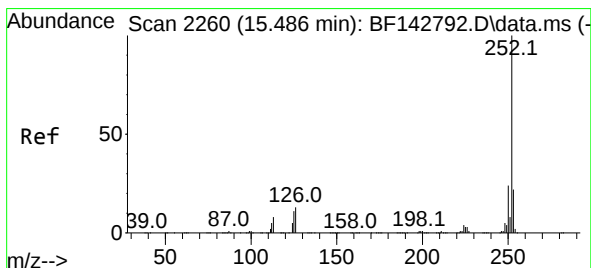
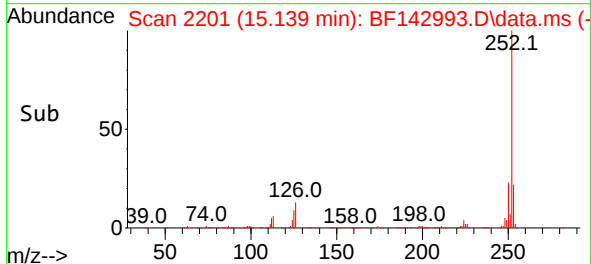
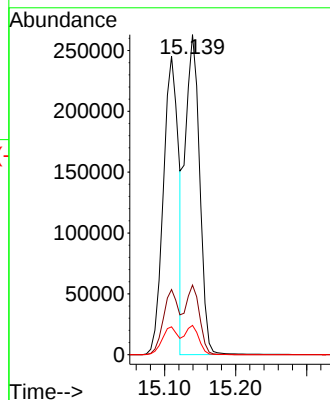
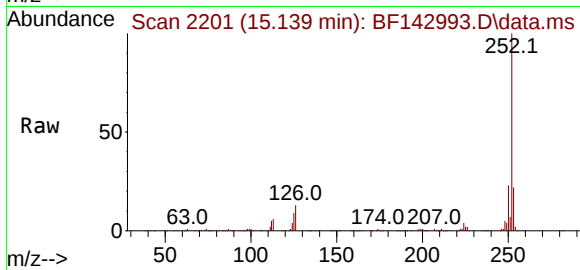
Tgt Ion:252 Resp: 367712

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 46.402 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142993.D

Acq: 03 Jul 2025 12:54

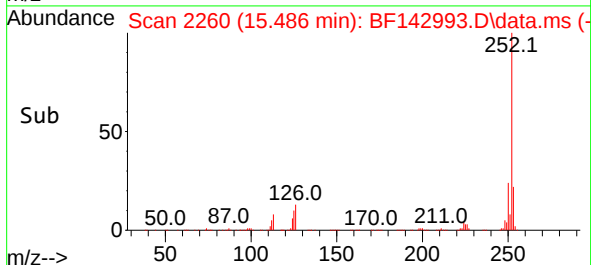
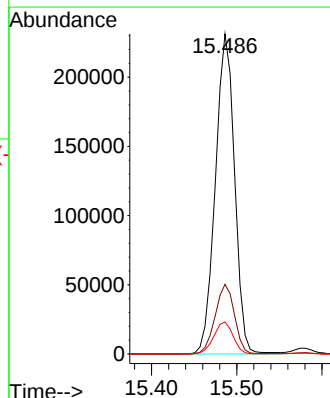
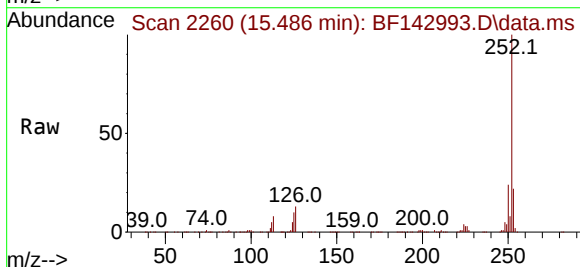
Tgt Ion:252 Resp: 362346

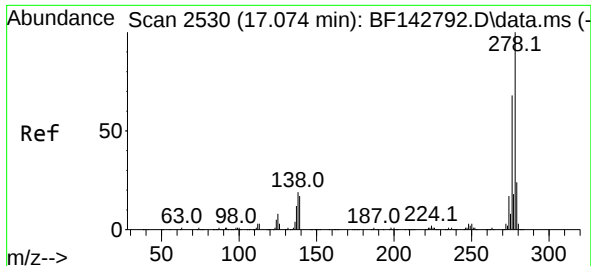
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

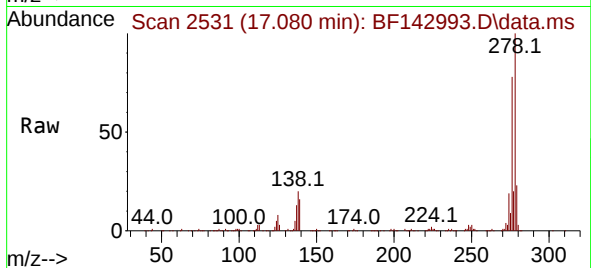
125 10.0 8.6 12.8



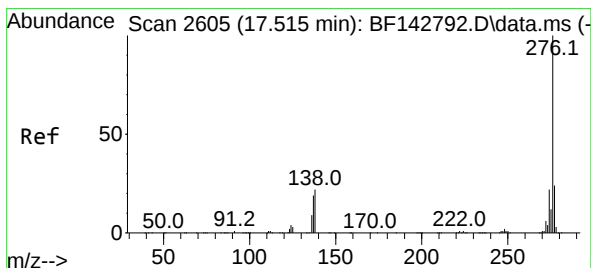
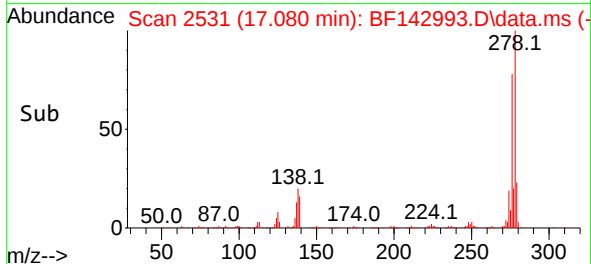
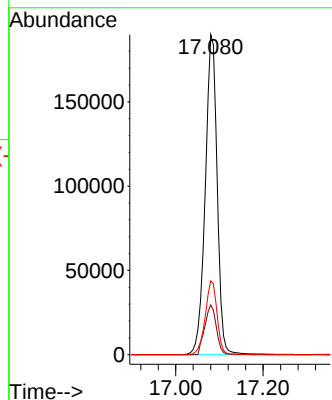


#91
Dibenzo(a,h)anthracene
Concen: 41.764 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB168685BS



Tgt Ion:278 Resp: 361060
Ion Ratio Lower Upper
278 100
139 15.6 13.5 20.3
279 23.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.675 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF142993.D
Acq: 03 Jul 2025 12:54

Tgt Ion:276 Resp: 350650
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 20.4 17.6 26.4

