

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142885.D
 Acq On : 27 Jun 2025 11:19
 Operator : RC/JU
 Sample : PB168625BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168625BS

Quant Time: Jun 27 12:14:46 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	79288	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	306414	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	167156	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	286462	20.000	ng	0.00
76) Chrysene-d12	14.057	240	164874	20.000	ng	0.00
86) Perylene-d12	15.545	264	166752	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	576794	121.118	ng	0.02
7) Phenol-d6	6.510	99	686344	122.157	ng	0.00
23) Nitrobenzene-d5	7.439	82	430100	76.992	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	227226	132.097	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	950860	74.728	ng	0.00
79) Terphenyl-d14	12.998	244	932784	78.171	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	64426	33.823	ng	100
3) Pyridine	3.493	79	178331	37.345	ng	99
4) n-Nitrosodimethylamine	3.446	42	99554	40.316	ng	100
6) Aniline	6.540	93	243829	32.615	ng	# 89
8) 2-Chlorophenol	6.663	128	220964	43.013	ng	99
9) Benzaldehyde	6.428	77	93685	28.105	ng	98
10) Phenol	6.528	94	258477	41.387	ng	85
11) bis(2-Chloroethyl)ether	6.610	93	189250	42.398	ng	98
12) 1,3-Dichlorobenzene	6.816	146	239808	41.740	ng	99
13) 1,4-Dichlorobenzene	6.892	146	241633	41.686	ng	99
14) 1,2-Dichlorobenzene	7.045	146	232603	42.307	ng	99
15) Benzyl Alcohol	7.022	79	178788	44.017	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	292050	40.723	ng	95
17) 2-Methylphenol	7.134	107	165974	42.634	ng	96
18) Hexachloroethane	7.387	117	85422	42.132	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	140888	43.115	ng	97
20) 3+4-Methylphenols	7.287	107	212248	43.728	ng	96
22) Acetophenone	7.287	105	286909	42.461	ng	97
24) Nitrobenzene	7.463	77	210767	41.685	ng	97
25) Isophorone	7.698	82	384510	42.908	ng	99
26) 2-Nitrophenol	7.775	139	121467	44.101	ng	99
27) 2,4-Dimethylphenol	7.816	122	203196	42.591	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	241404	42.372	ng	99
29) 2,4-Dichlorophenol	8.022	162	188927	43.674	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	200843	42.222	ng	99
31) Naphthalene	8.181	128	638576	42.576	ng	100
32) Benzoic acid	7.945	122	116917	48.081	ng	95
33) 4-Chloroaniline	8.234	127	168937	27.701	ng	98
34) Hexachlorobutadiene	8.298	225	121916	41.901	ng	99
35) Caprolactam	8.604	113	33362	29.226	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	192336	44.737	ng	99
37) 2-Methylnaphthalene	8.875	142	399906	43.008	ng	99
38) 1-Methylnaphthalene	8.975	142	410444	42.641	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	203850	41.330	ng	99
41) Hexachlorocyclopentadiene	9.028	237	234698	83.852	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	137107	42.660	ng	99

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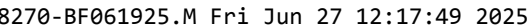
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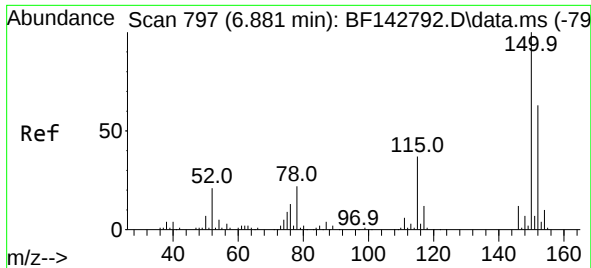
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	145459	42.994	ng	99
46) 1,1'-Biphenyl	9.339	154	551449	41.762	ng	100
47) 2-Chloronaphthalene	9.369	162	407787	41.153	ng	100
48) 2-Nitroaniline	9.463	65	122855	44.224	ng	98
49) Acenaphthylene	9.781	152	688079	42.182	ng	99
50) Dimethylphthalate	9.645	163	492303	45.499	ng	100
51) 2,6-Dinitrotoluene	9.704	165	106248	44.714	ng	100
52) Acenaphthene	9.957	154	394876	39.676	ng	100
53) 3-Nitroaniline	9.875	138	79354	30.332	ng	97
54) 2,4-Dinitrophenol	9.986	184	119559	100.486	ng	99
55) Dibenzofuran	10.128	168	606412	42.491	ng	99
56) 4-Nitrophenol	10.045	139	166993	93.237	ng	99
57) 2,4-Dinitrotoluene	10.110	165	147971	46.881	ng	95
58) Fluorene	10.469	166	480888	43.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	120013	44.008	ng	98
60) Diethylphthalate	10.339	149	492152	46.390	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	230170	43.276	ng	98
62) 4-Nitroaniline	10.492	138	111024	46.401	ng	99
63) Azobenzene	10.622	77	410873	43.333	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	79271	45.750	ng	95
66) n-Nitrosodiphenylamine	10.580	169	421786	42.484	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	141682	43.458	ng	97
68) Hexachlorobenzene	11.022	284	154987	42.783	ng	99
69) Atrazine	11.110	200	129714	50.596	ng	100
70) Pentachlorophenol	11.216	266	164554	91.158	ng	99
71) Phenanthrene	11.433	178	670582	43.214	ng	100
72) Anthracene	11.486	178	685649	43.083	ng	99
73) Carbazole	11.639	167	616575	44.895	ng	100
74) Di-n-butylphthalate	11.969	149	713866	49.896	ng	100
75) Fluoranthene	12.627	202	663946	45.083	ng	99
77) Benzidine	12.745	184	246442	39.784	ng	99
78) Pyrene	12.857	202	664888	43.023	ng	99
80) Butylbenzylphthalate	13.469	149	226565	50.540	ng	97
81) Benzo(a)anthracene	14.045	228	484352	43.547	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	82353	22.827	ng	100
83) Chrysene	14.080	228	441455	44.480	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	291308	45.165	ng	99
85) Di-n-octyl phthalate	14.639	149	497681	40.921	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	517185	40.719	ng	98
88) Benzo(b)fluoranthene	15.110	252	440795	45.683	ng	99
89) Benzo(k)fluoranthene	15.139	252	410271	45.447	ng	99
90) Benzo(a)pyrene	15.486	252	417438	44.782	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	417444	40.450	ng	99
92) Benzo(g,h,i)perylene	17.521	276	419208	40.736	ng	98

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

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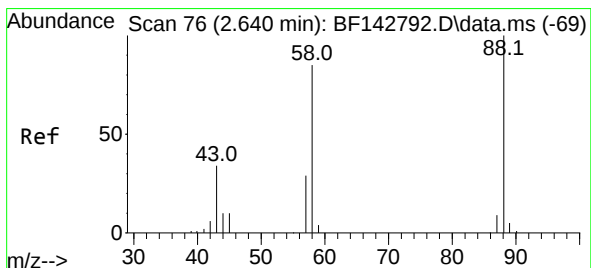
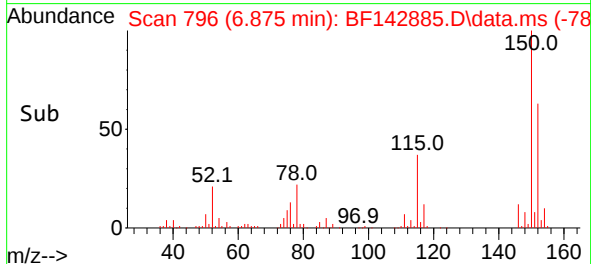
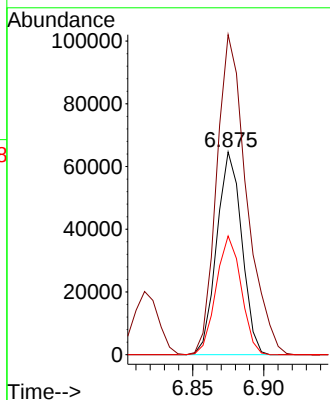
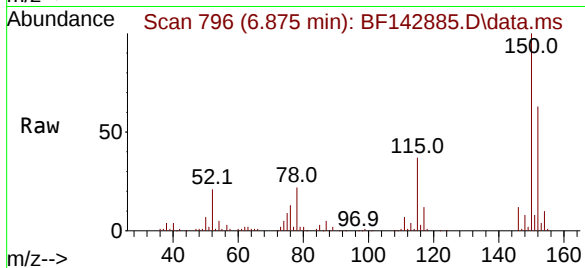




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142885.D
 Acq: 27 Jun 2025 11:19

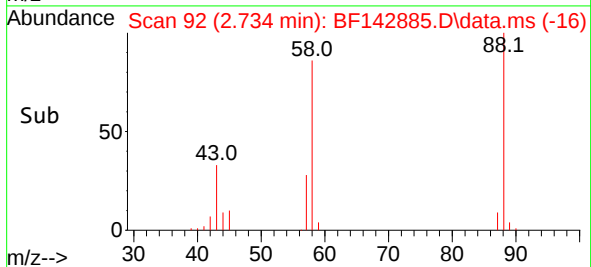
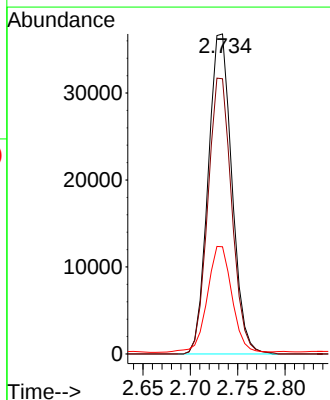
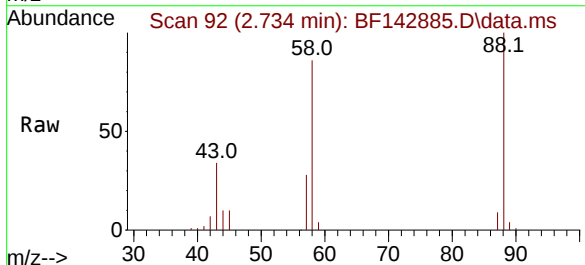
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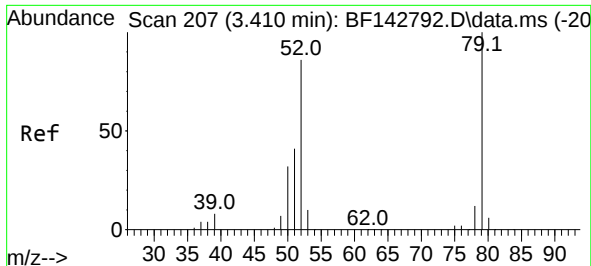
Tgt Ion:152 Resp: 79288
 Ion Ratio Lower Upper
 152 100
 150 157.8 127.2 190.8
 115 58.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 33.823 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.094 min
 Lab File: BF142885.D
 Acq: 27 Jun 2025 11:19

Tgt Ion: 88 Resp: 64426
 Ion Ratio Lower Upper
 88 100
 58 86.5 69.1 103.7
 43 34.0 27.4 41.2

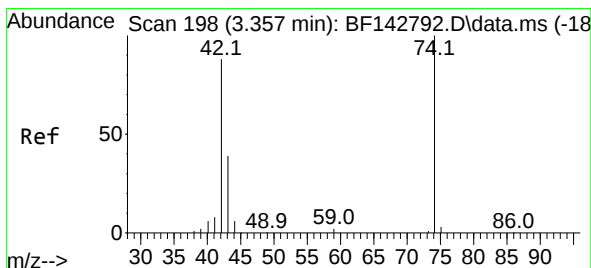
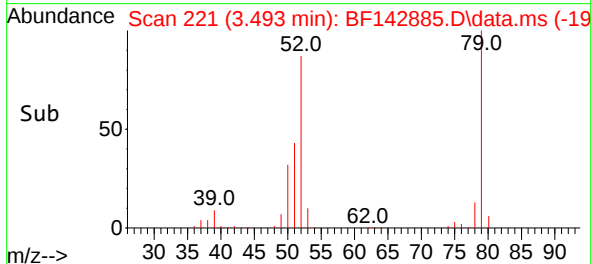
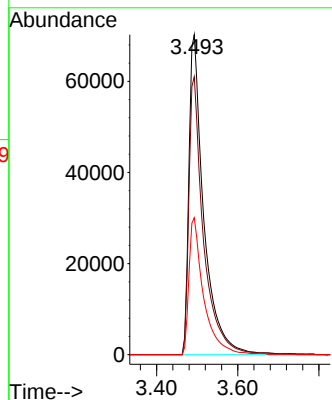
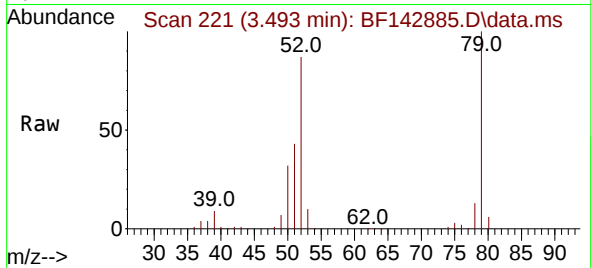




#3
Pyridine
Concen: 37.345 ng
RT: 3.493 min Scan# 213
Delta R.T. 0.082 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

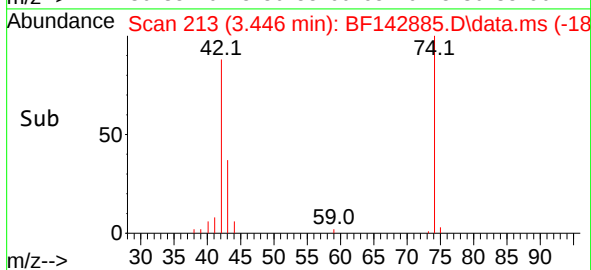
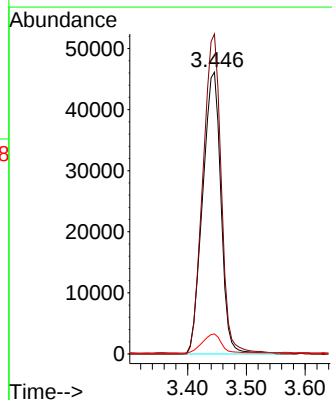
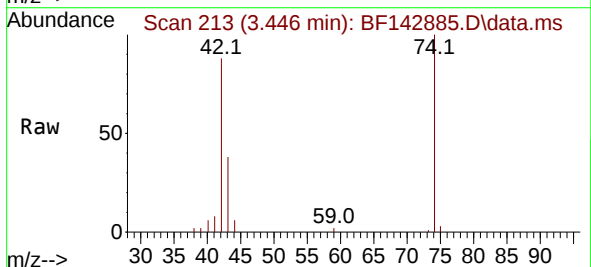
Instrument :
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ClientSampleId :
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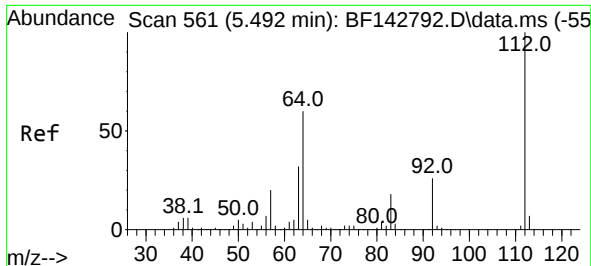
Tgt Ion: 79 Resp: 178331
Ion Ratio Lower Upper
79 100
52 86.9 69.2 103.8
51 42.8 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 40.316 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.088 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion: 42 Resp: 99554
Ion Ratio Lower Upper
42 100
74 113.5 90.9 136.3
44 7.1 5.8 8.6

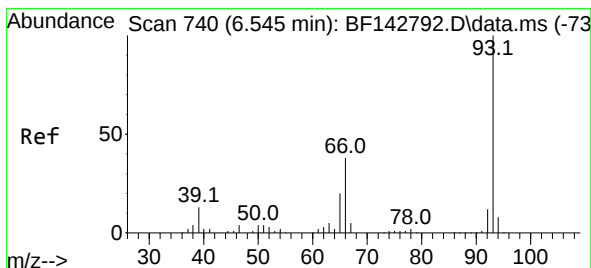
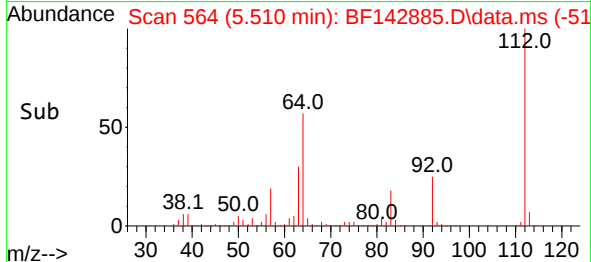
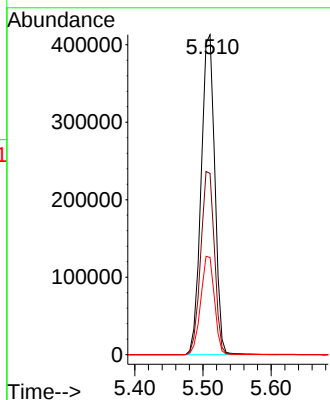
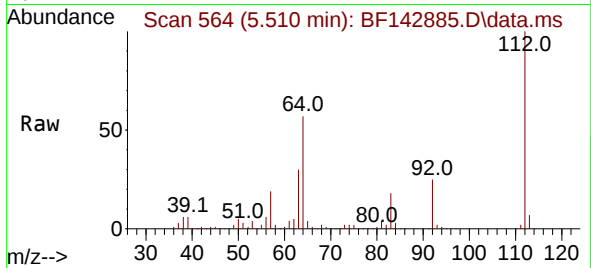




#5
2-Fluorophenol
Concen: 121.118 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

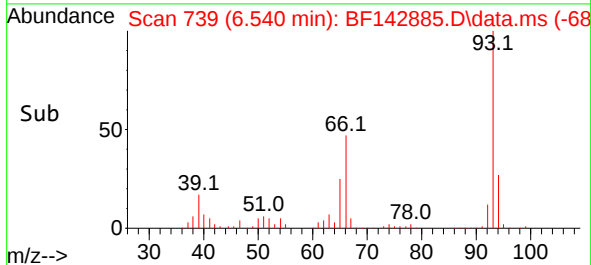
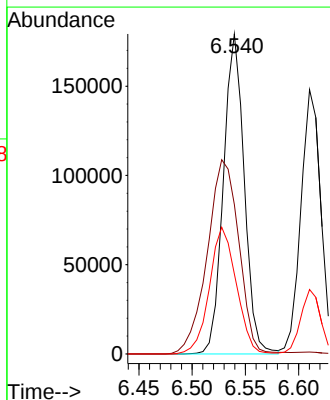
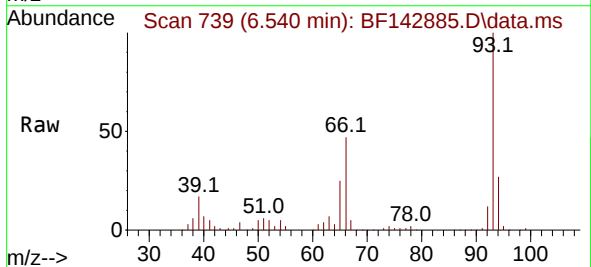
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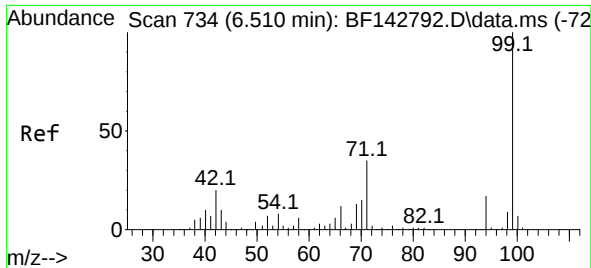
Tgt Ion:112 Resp: 576794
Ion Ratio Lower Upper
112 100
64 56.7 48.2 72.2
63 30.4 25.7 38.5



#6
Aniline
Concen: 32.615 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion: 93 Resp: 243829
Ion Ratio Lower Upper
93 100
66 46.7 31.8 47.6
65 25.0 16.2 24.2#

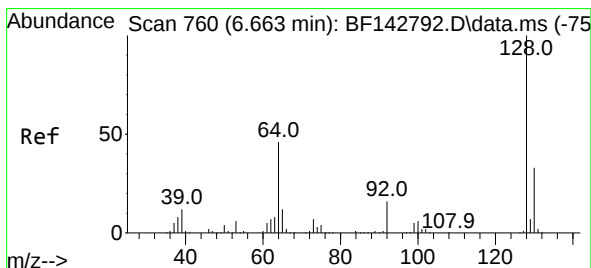
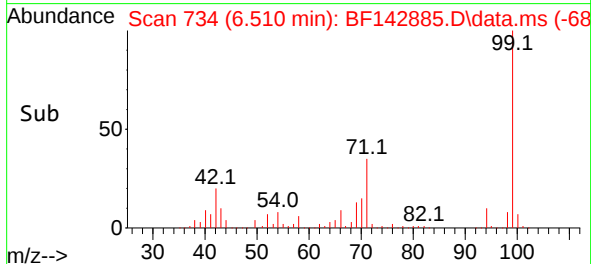
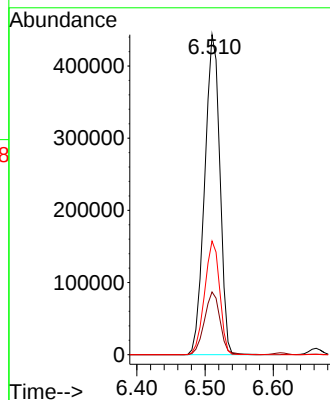
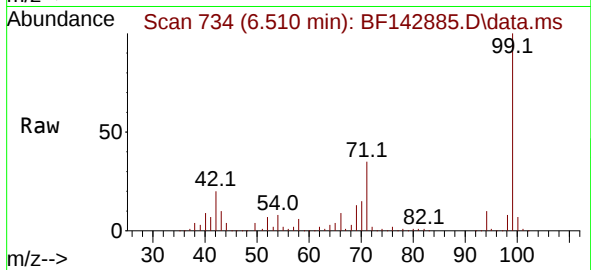




#7
Phenol-d6
Concen: 122.157 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

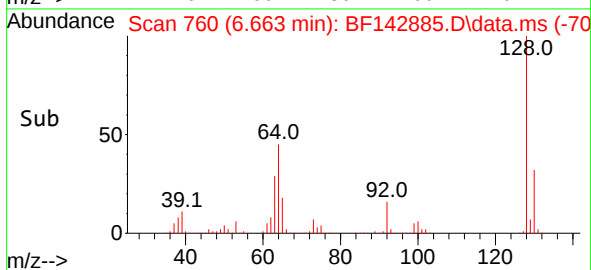
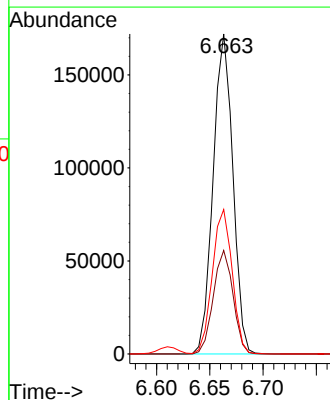
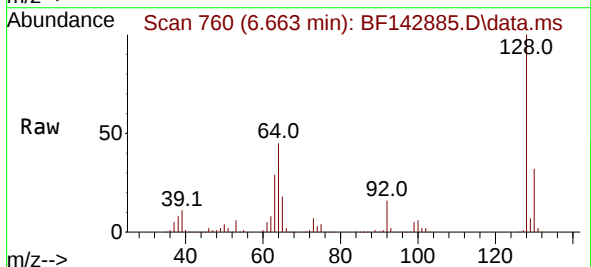
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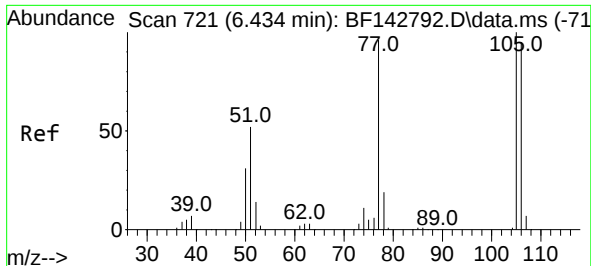
Tgt Ion: 99 Resp: 686344
Ion Ratio Lower Upper
99 100
42 19.6 15.9 23.9
71 35.5 27.8 41.8



#8
2-Chlorophenol
Concen: 43.013 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:128 Resp: 220964
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 45.2 26.5 66.5

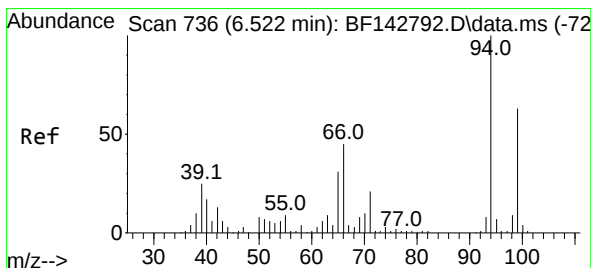
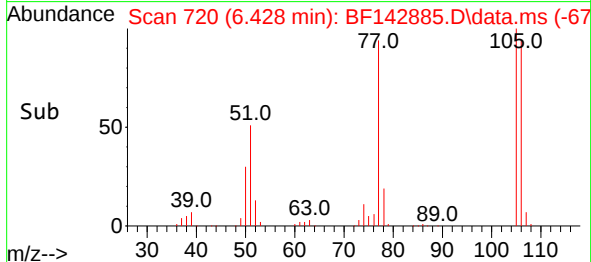
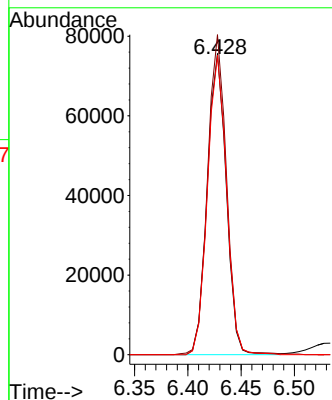
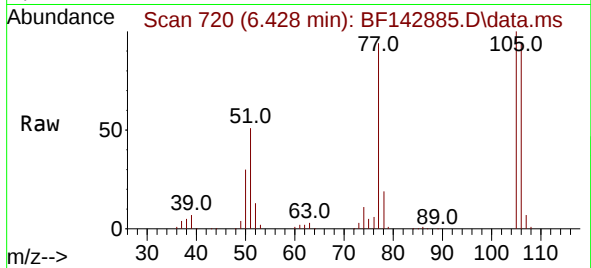




#9
Benzaldehyde
Concen: 28.105 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
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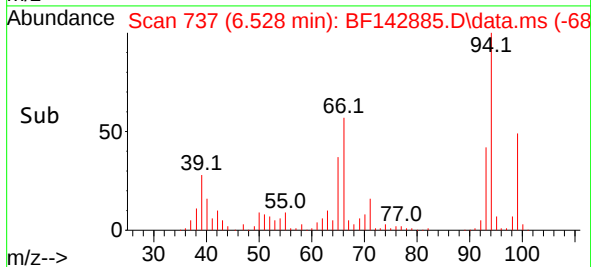
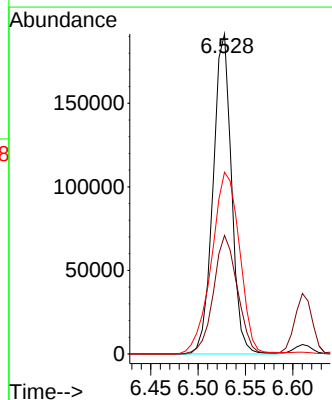
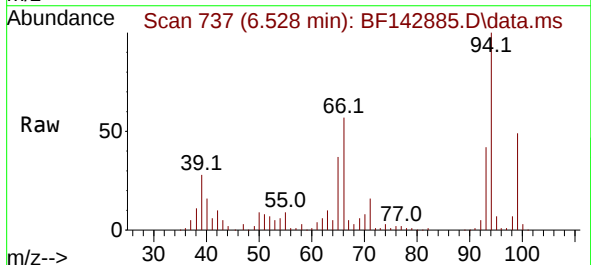
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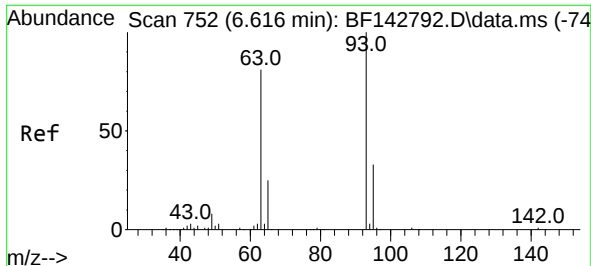
Tgt Ion: 77 Resp: 93685
Ion Ratio Lower Upper
77 100
105 106.3 83.8 123.8
106 99.4 78.7 118.7



#10
Phenol
Concen: 41.387 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion: 94 Resp: 258477
Ion Ratio Lower Upper
94 100
65 37.1 11.3 51.3
66 56.8 24.9 64.9

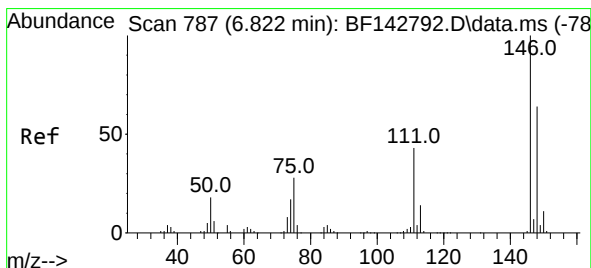
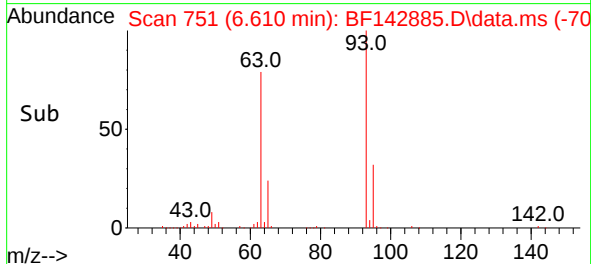
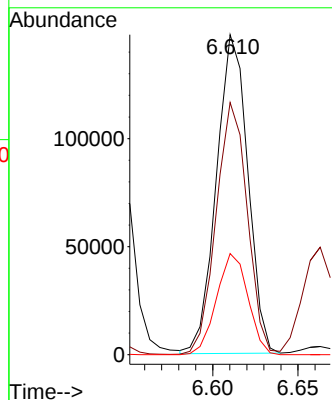
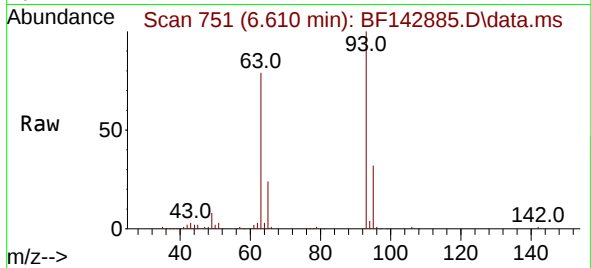




#11
bis(2-Chloroethyl)ether
Concen: 42.398 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

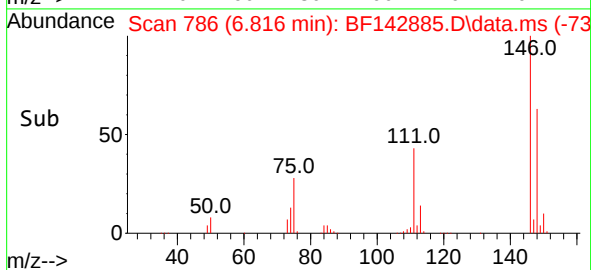
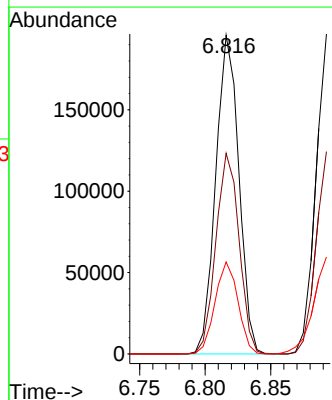
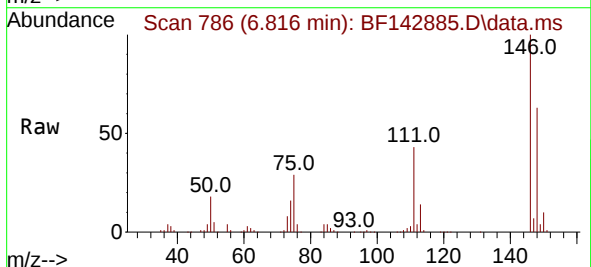
Instrument :
BNA_F
ClientSampleId :
PB168625BS

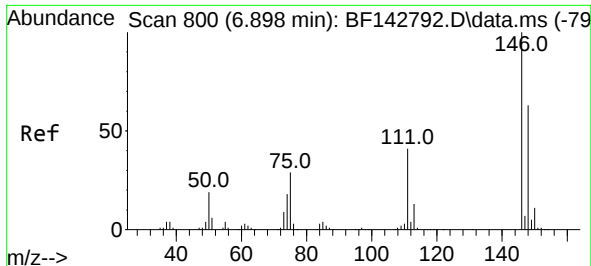
Tgt Ion: 93 Resp: 189250
Ion Ratio Lower Upper
93 100
63 78.8 60.3 100.3
95 31.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.740 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:146 Resp: 239808
Ion Ratio Lower Upper
146 100
148 62.9 51.1 76.7
75 28.9 22.7 34.1

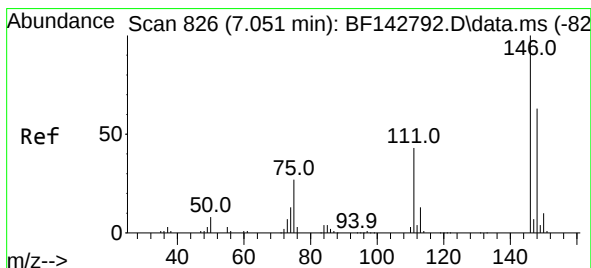
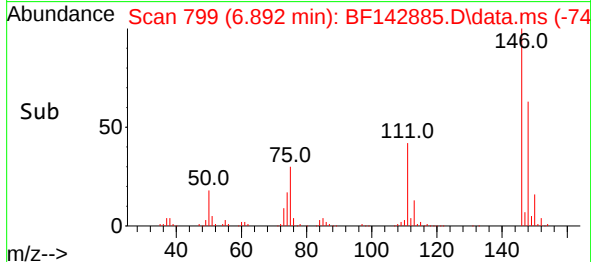
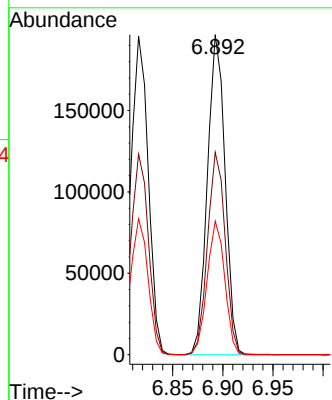
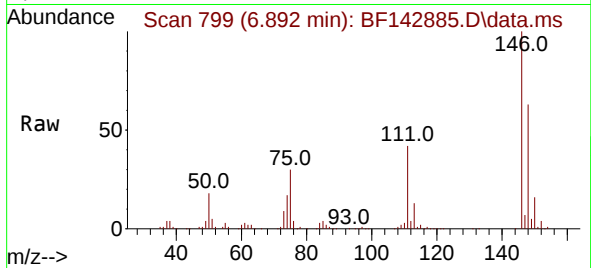




#13
1,4-Dichlorobenzene
Concen: 41.686 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

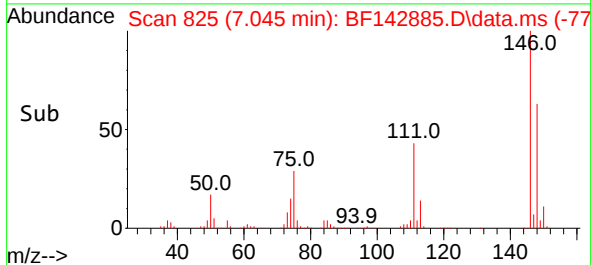
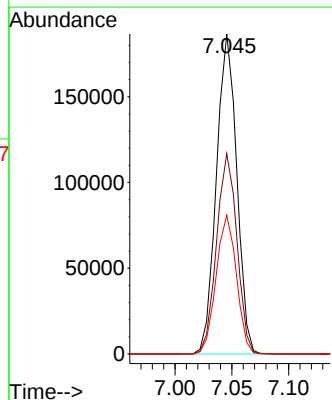
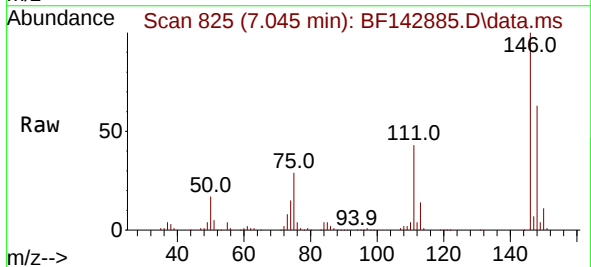
Instrument :
BNA_F
ClientSampleId :
PB168625BS

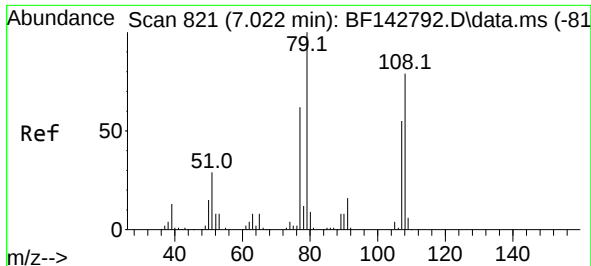
Tgt Ion:146 Resp: 241633
Ion Ratio Lower Upper
146 100
148 63.3 50.2 75.2
111 41.8 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 42.307 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:146 Resp: 232603
Ion Ratio Lower Upper
146 100
148 62.6 50.4 75.6
111 43.3 34.1 51.1

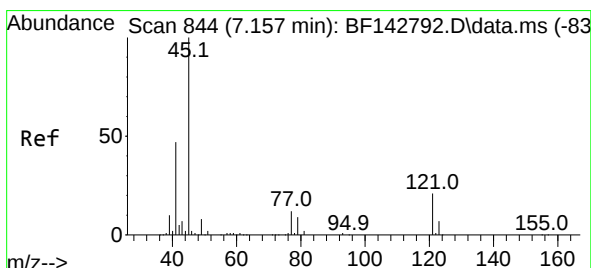
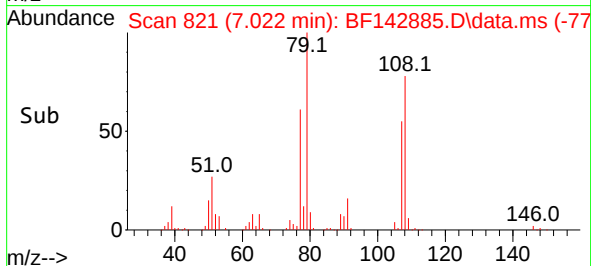
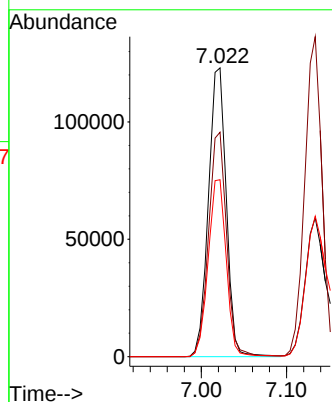
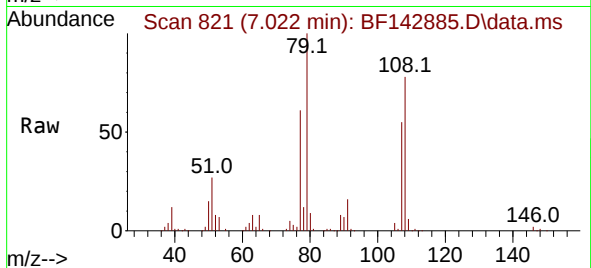




#15
Benzyl Alcohol
Concen: 44.017 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

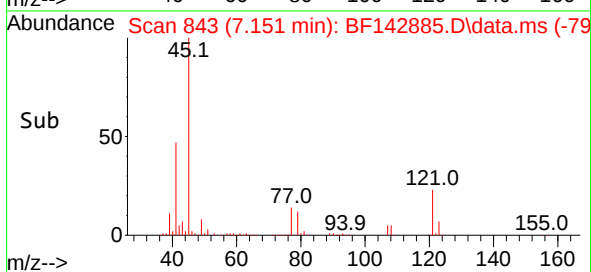
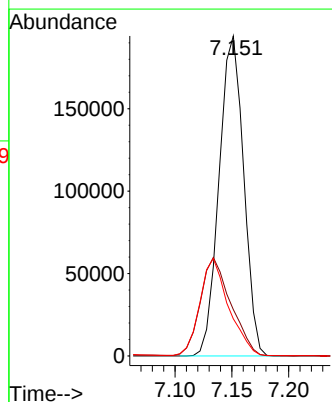
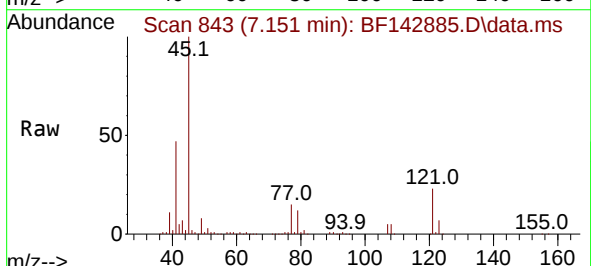
Instrument :
BNA_F
ClientSampleId :
PB168625BS

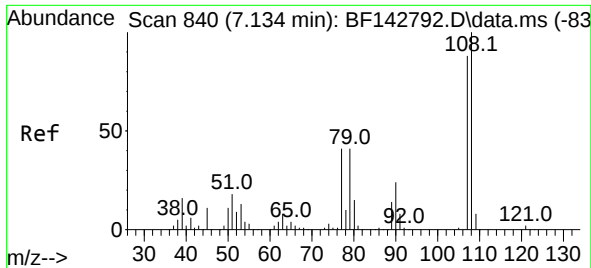
Tgt Ion: 79 Resp: 178788
Ion Ratio Lower Upper
79 100
108 77.7 63.4 95.0
77 61.3 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.723 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion: 45 Resp: 292050
Ion Ratio Lower Upper
45 100
77 14.5 0.0 32.8
79 11.6 0.0 29.8



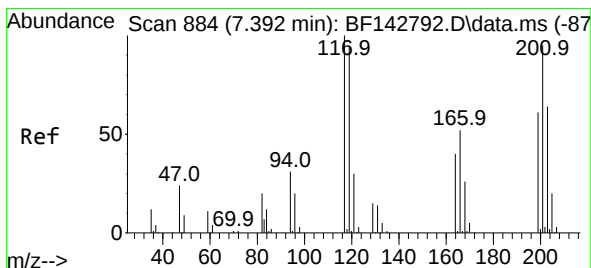
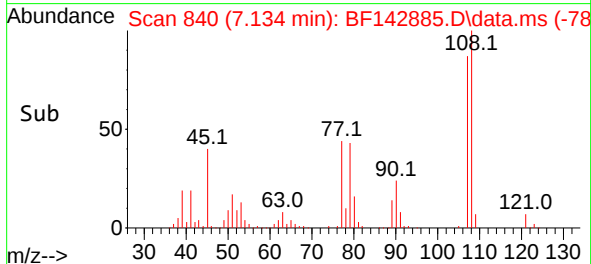
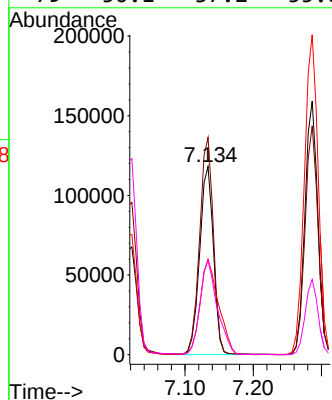
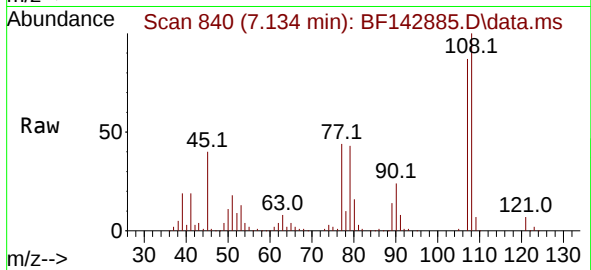


#17
2-Methylphenol
Concen: 42.634 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Instrument :
BNA_F
ClientSampleId :
PB168625BS

Tgt Ion:107 Resp: 165974

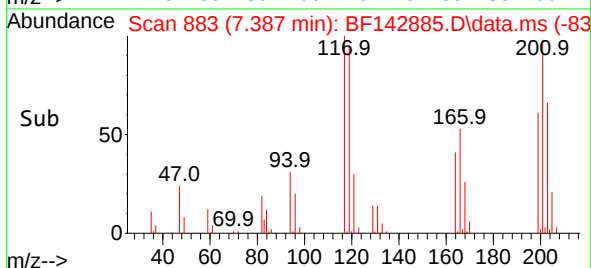
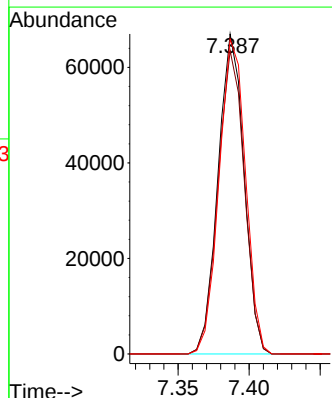
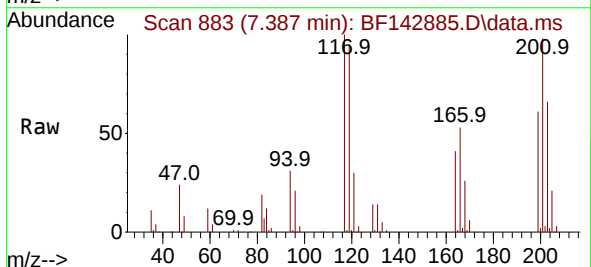
Ion	Ratio	Lower	Upper
107	100		
108	115.4	90.9	136.3
77	50.6	37.3	55.9
79	50.1	37.2	55.8

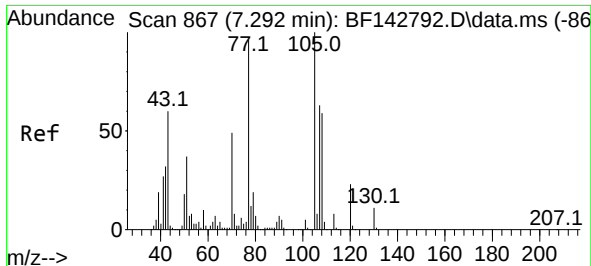


#18
Hexachloroethane
Concen: 42.132 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:117 Resp: 85422

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.4	113.0
201	98.4	75.9	113.9



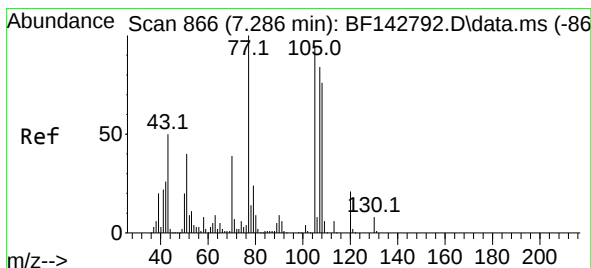
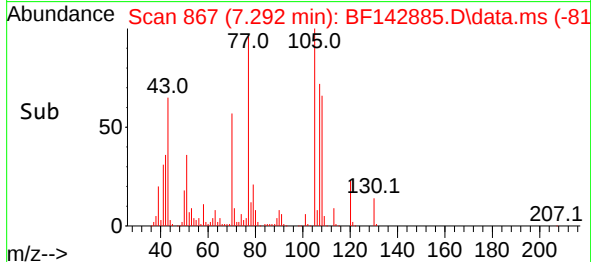
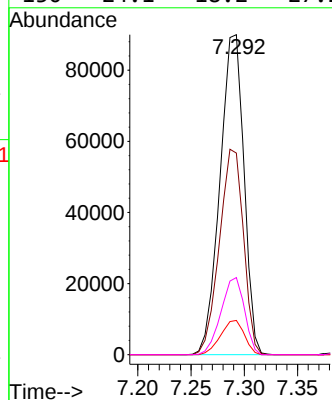
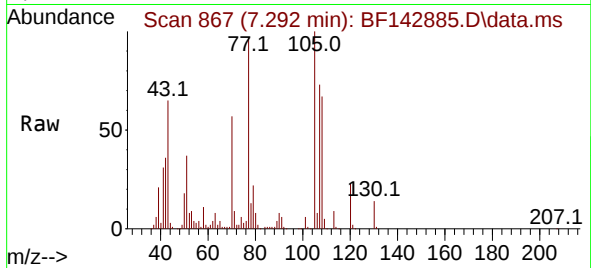


#19
n-Nitroso-di-n-propylamine
Concen: 43.115 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Instrument :
BNA_F
ClientSampleId :
PB168625BS

Tgt Ion: 70 Resp: 140888

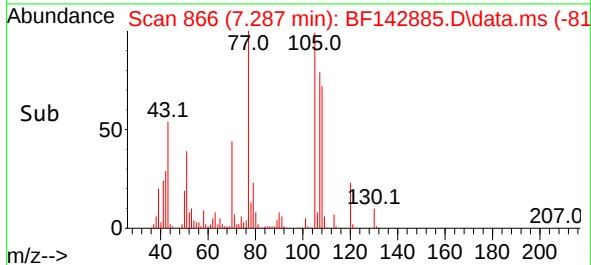
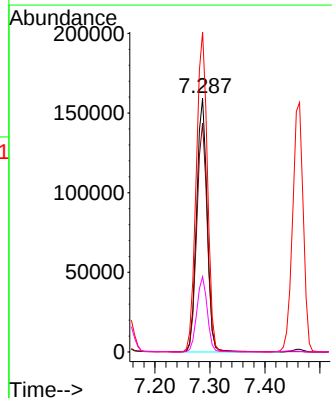
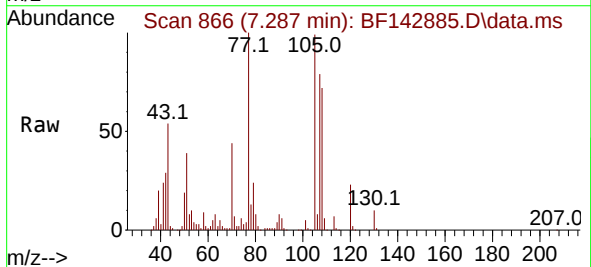
Ion	Ratio	Lower	Upper
70	100		
42	63.0	52.1	78.1
101	10.7	8.2	12.2
130	24.1	18.2	27.2

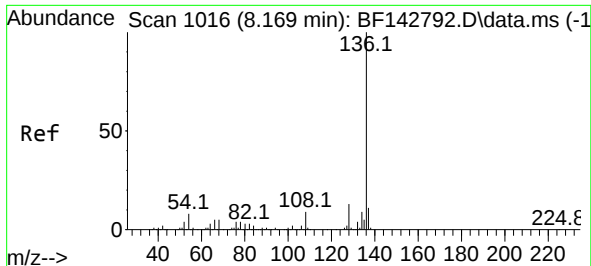


#20
3+4-Methylphenols
Concen: 43.728 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion: 107 Resp: 212248

Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.0	110.0
77	126.2	98.5	138.5
79	29.7	8.8	48.8



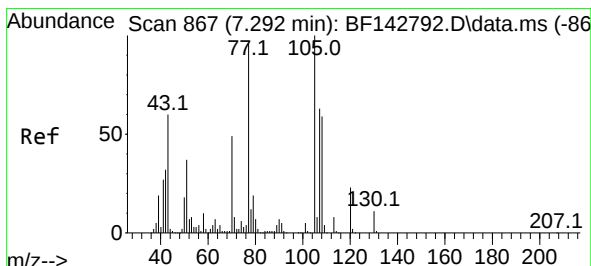
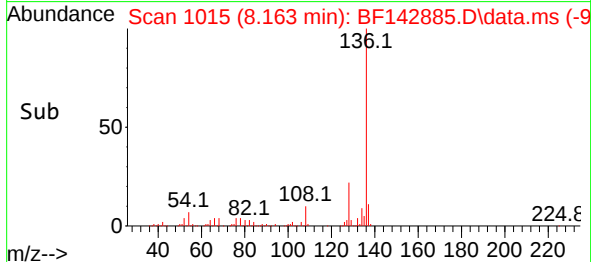
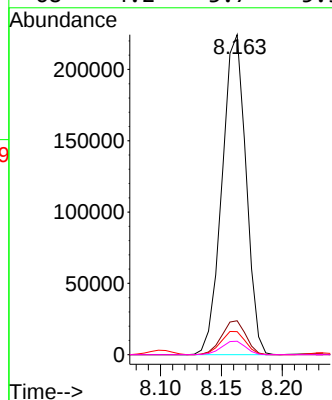
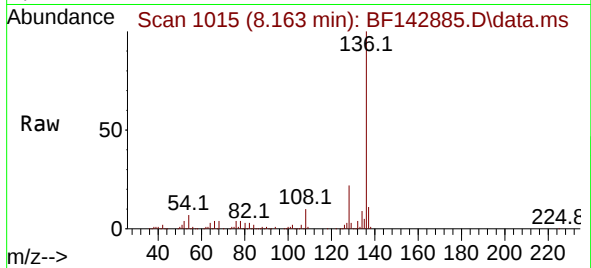


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Instrument :
BNA_F
ClientSampleId :
PB168625BS

Tgt Ion:136 Resp: 306414

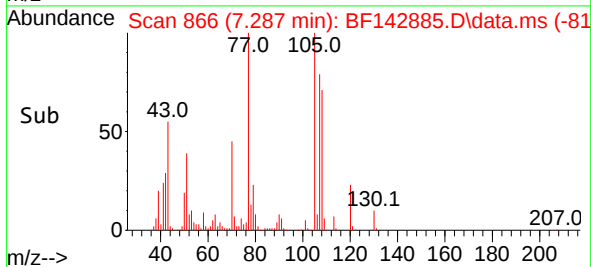
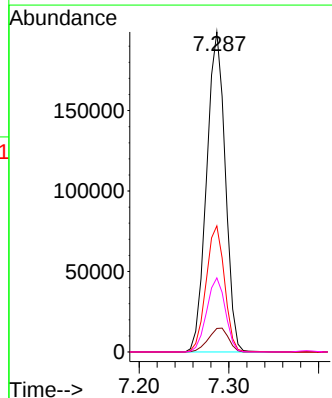
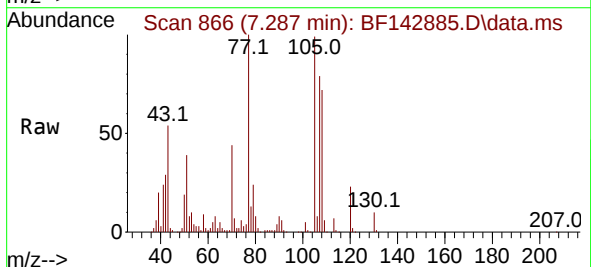
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.2	6.3	9.5
68	4.2	3.7	5.5

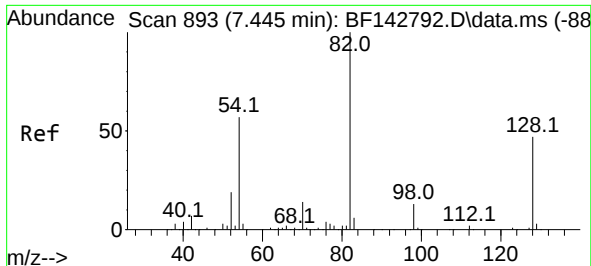


#22
Acetophenone
Concen: 42.461 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:105 Resp: 286909

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.5	9.7
51	39.4	29.8	44.8
120	23.2	18.2	27.2





#23

Nitrobenzene-d5

Concen: 76.992 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

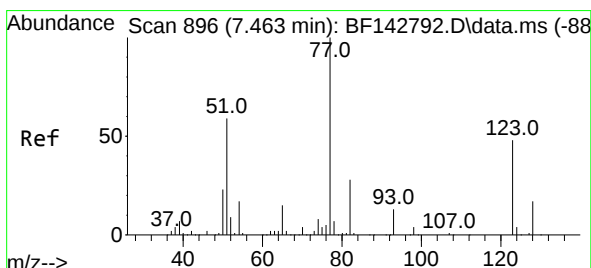
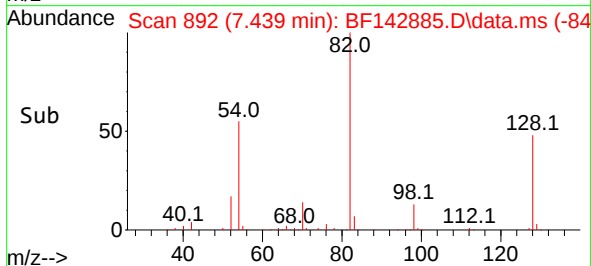
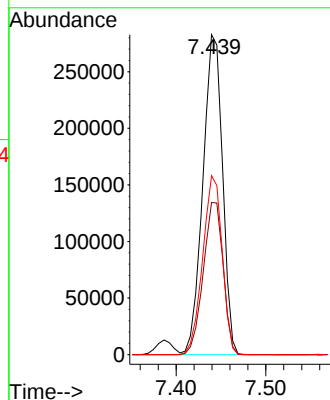
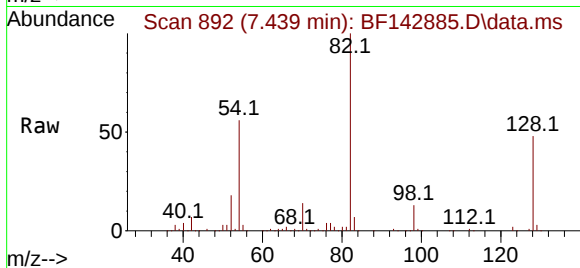
Tgt Ion: 82 Resp: 430100

Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

54 55.9 45.7 68.5



#24

Nitrobenzene

Concen: 41.685 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

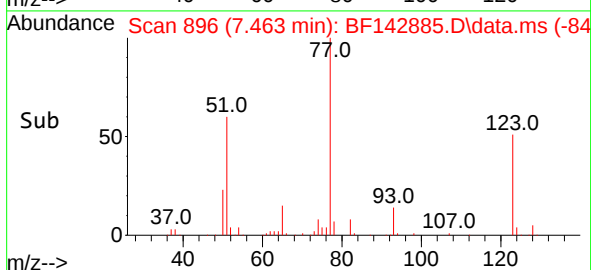
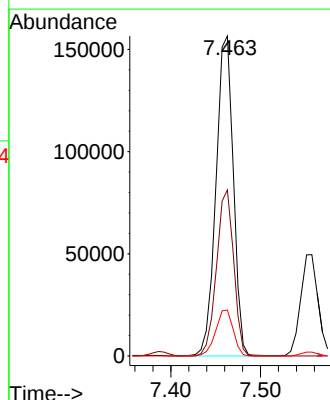
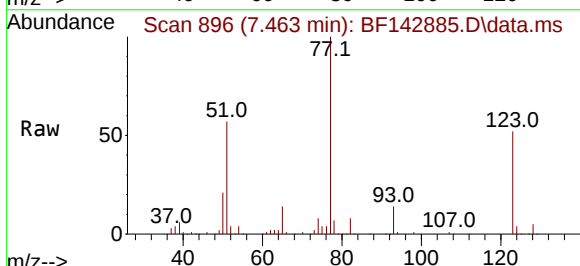
Tgt Ion: 77 Resp: 210767

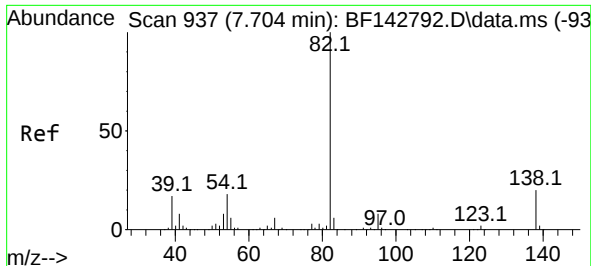
Ion Ratio Lower Upper

77 100

123 51.9 39.2 58.8

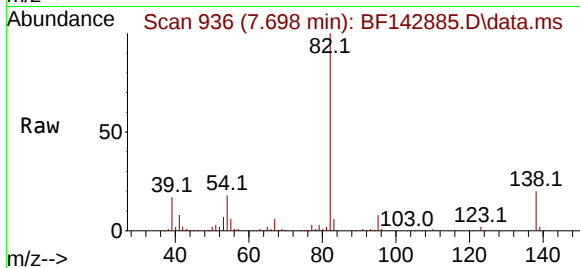
65 14.4 11.6 17.4



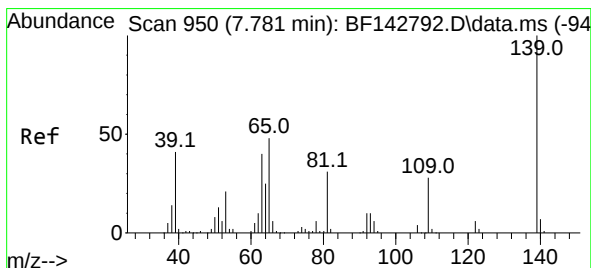
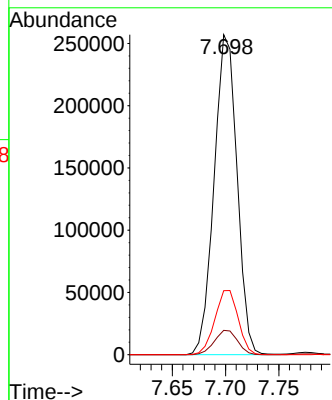
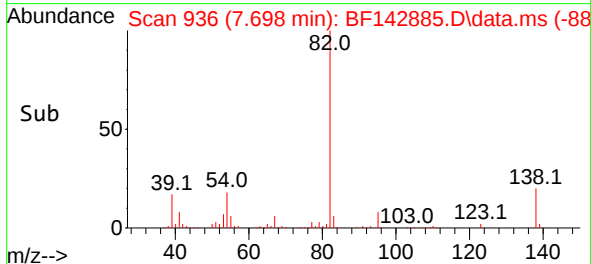


#25
Isophorone
Concen: 42.908 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Instrument :
BNA_F
ClientSampleId :
PB168625BS

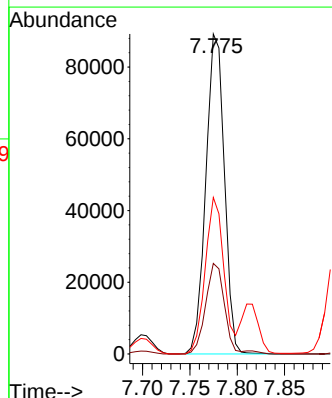
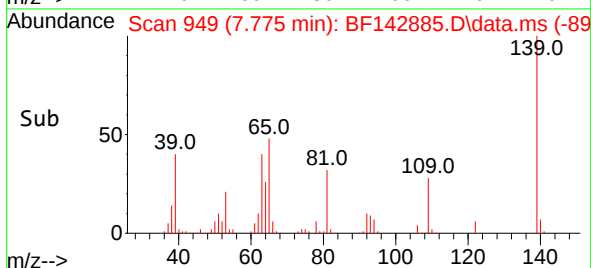
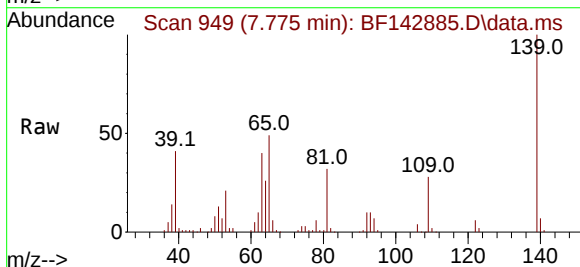


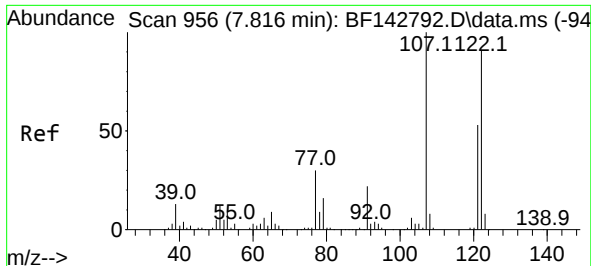
Tgt Ion: 82 Resp: 384510
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 20.0 16.2 24.4



#26
2-Nitrophenol
Concen: 44.101 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:139 Resp: 121467
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 48.9 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.591 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

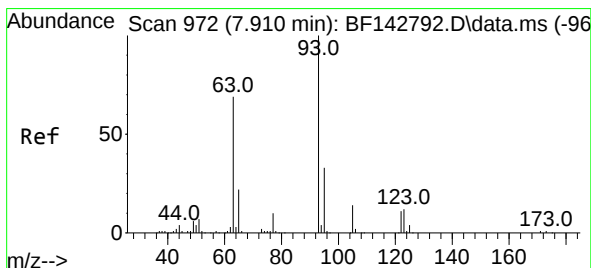
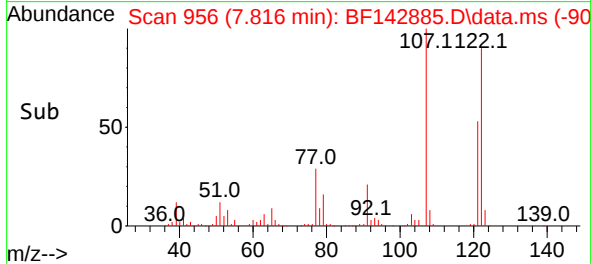
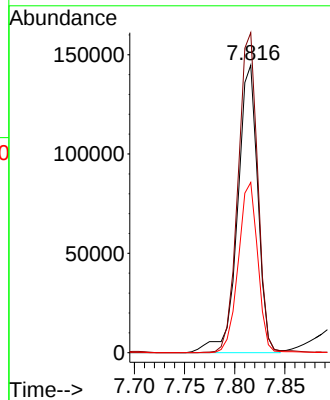
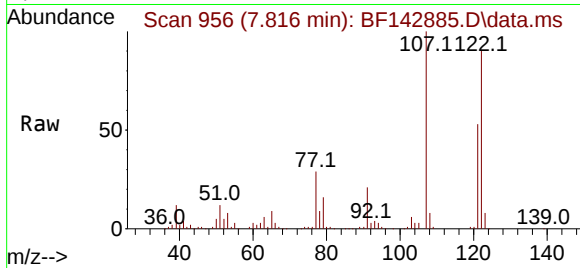
Tgt Ion:122 Resp: 203196

Ion Ratio Lower Upper

122 100

107 111.3 88.0 132.0

121 59.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.372 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

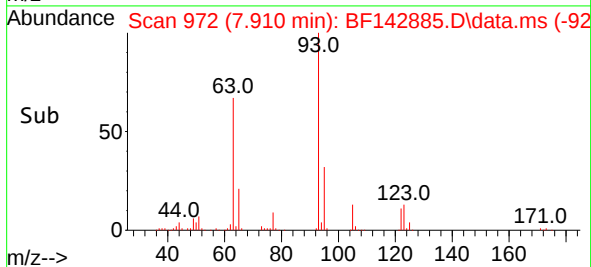
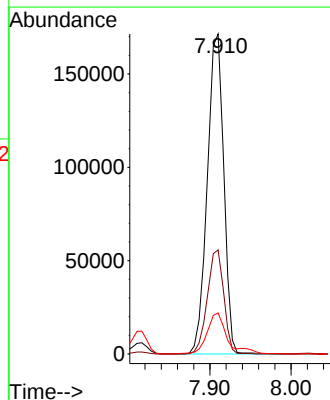
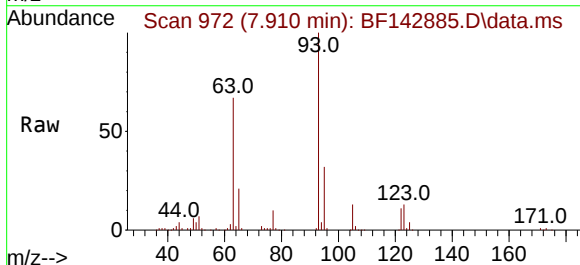
Tgt Ion: 93 Resp: 241404

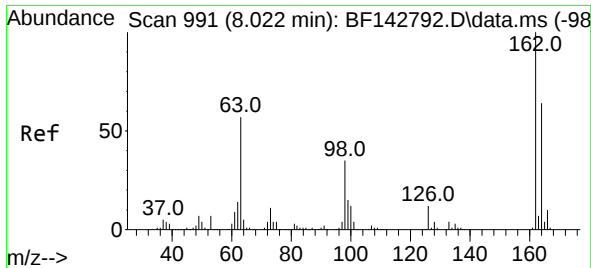
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.8 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.674 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

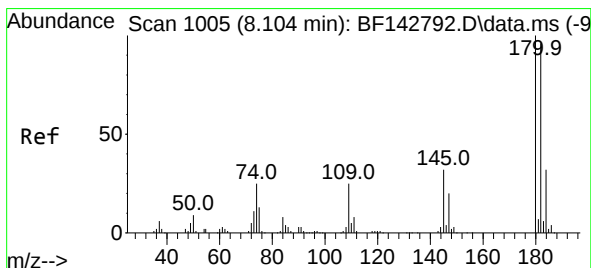
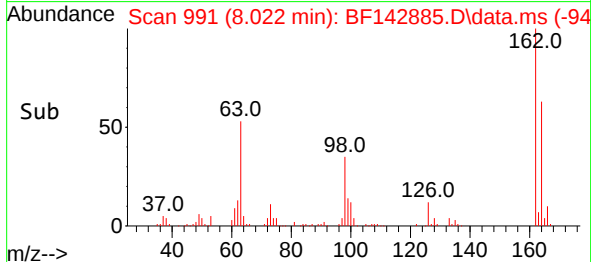
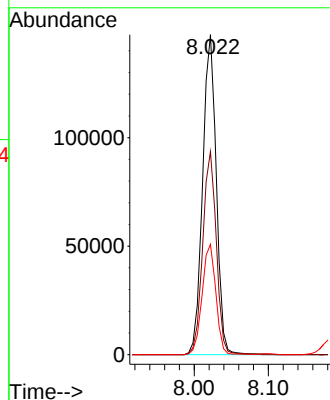
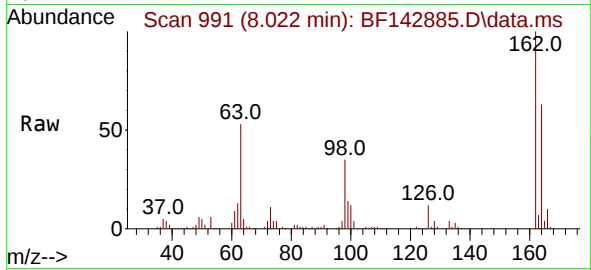
Tgt Ion:162 Resp: 188927

Ion Ratio Lower Upper

162 100

164 63.5 44.0 84.0

98 34.5 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.222 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

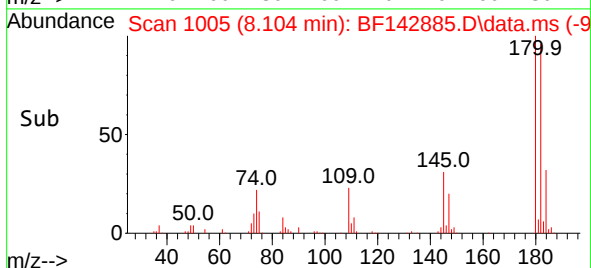
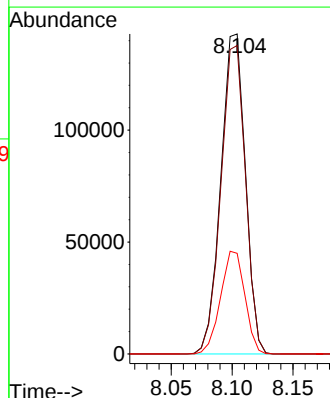
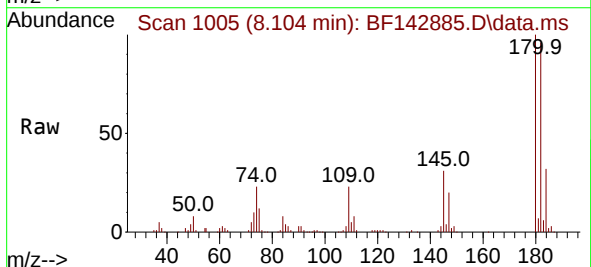
Tgt Ion:180 Resp: 200843

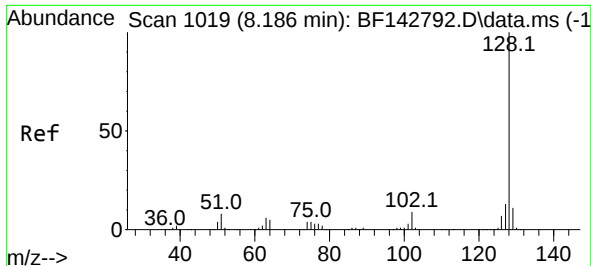
Ion Ratio Lower Upper

180 100

182 96.4 76.4 114.6

145 31.5 25.8 38.8

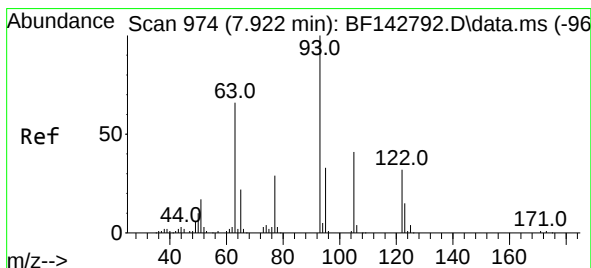
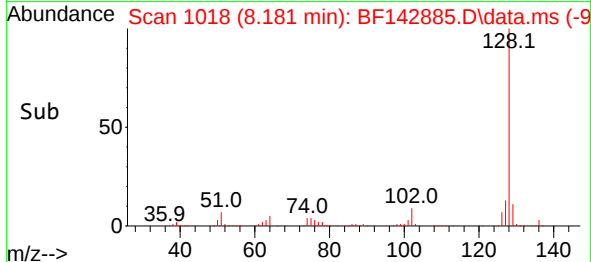
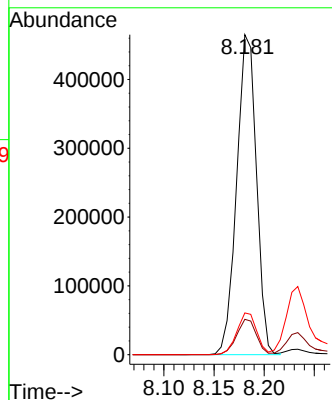
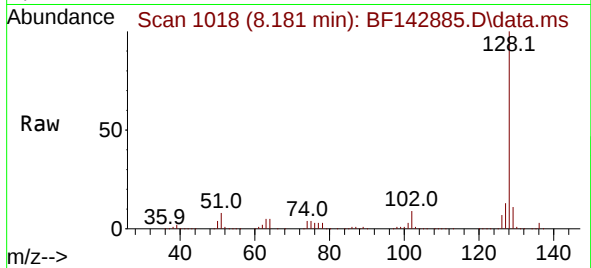




#31
Naphthalene
Concen: 42.576 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

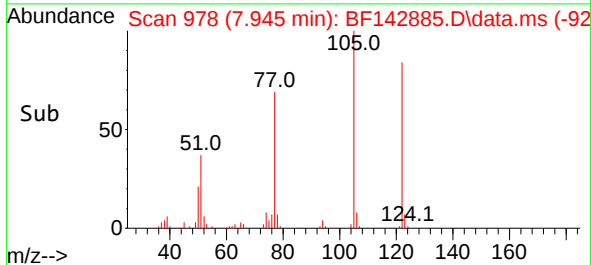
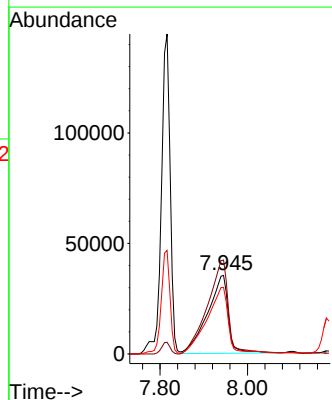
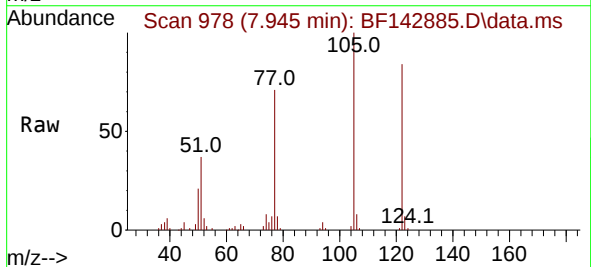
Instrument :
BNA_F
ClientSampleId :
PB168625BS

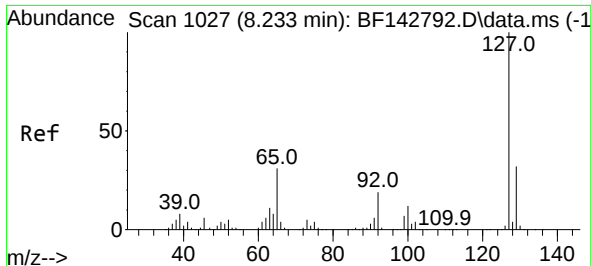
Tgt Ion:128 Resp: 638576
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 48.081 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.024 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:122 Resp: 116917
Ion Ratio Lower Upper
122 100
105 119.6 104.7 144.7
77 84.7 70.2 110.2

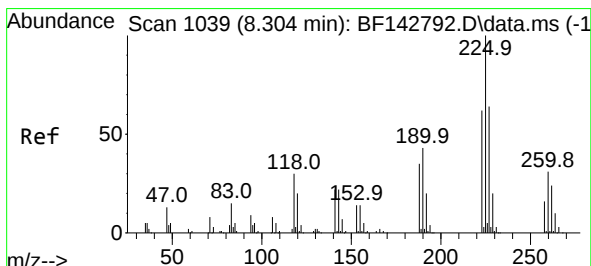
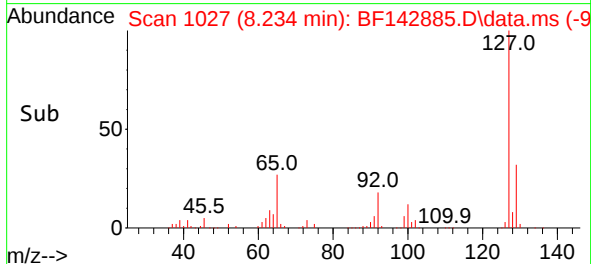
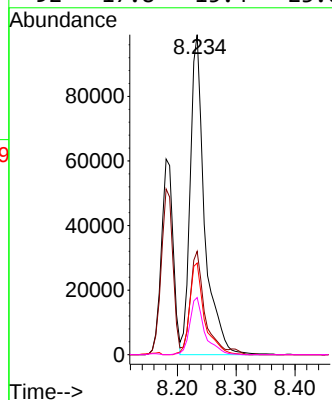
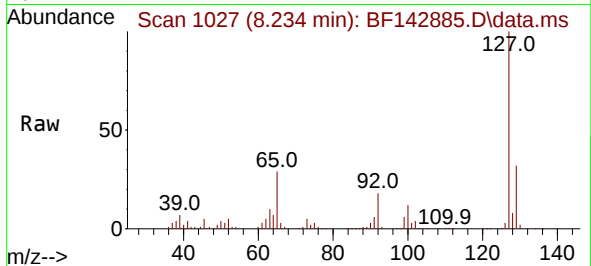




#33
4-Chloroaniline
Concen: 27.701 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

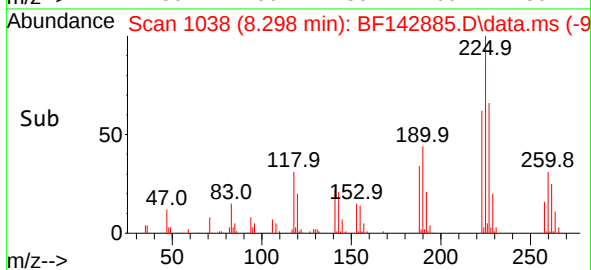
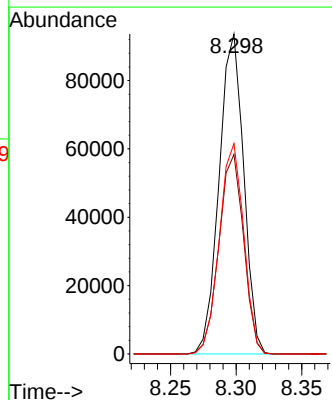
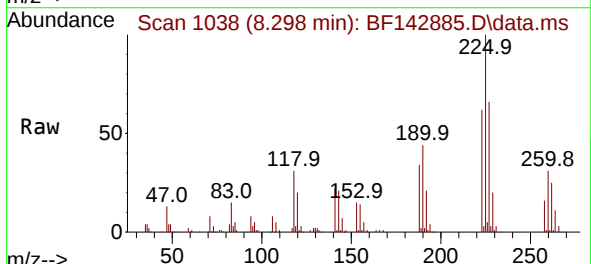
Instrument :
BNA_F
ClientSampleId :
PB168625BS

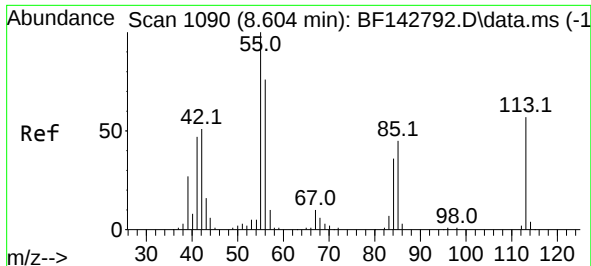
Tgt Ion:	127	Resp:	168937
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	28.6	24.6	36.8
92	17.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.901 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:	225	Resp:	121916
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.9	74.9
227	65.7	51.4	77.0

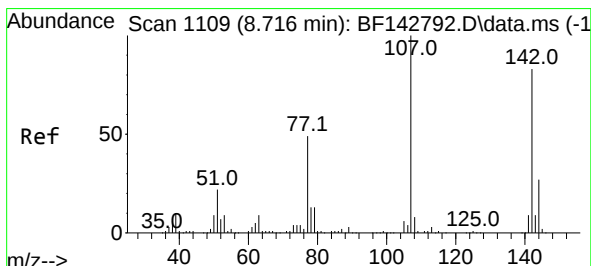
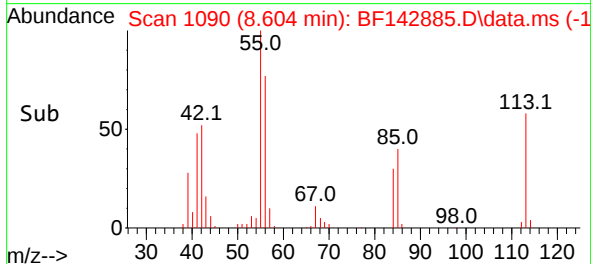
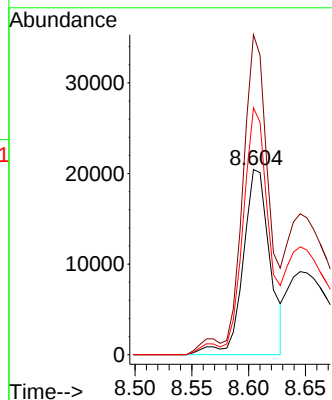
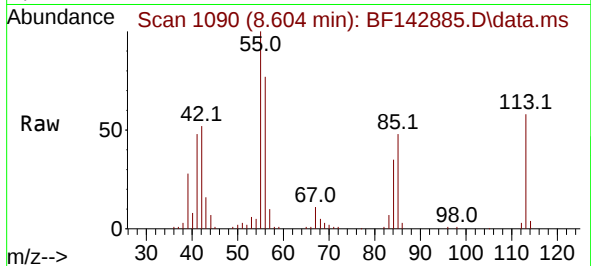




#35
 Caprolactam
 Concen: 29.226 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142885.D
 Acq: 27 Jun 2025 11:19

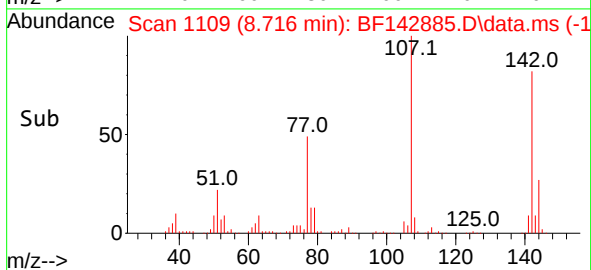
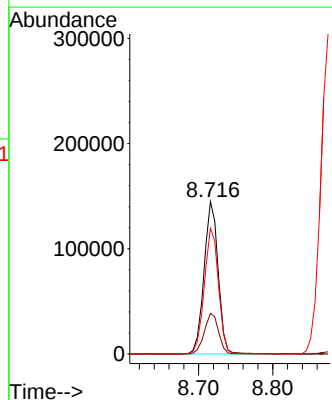
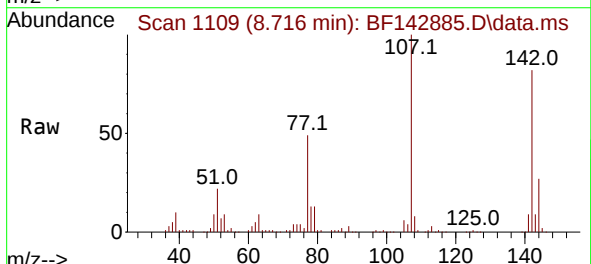
Instrument :
 BNA_F
 ClientSampleId :
 PB168625BS

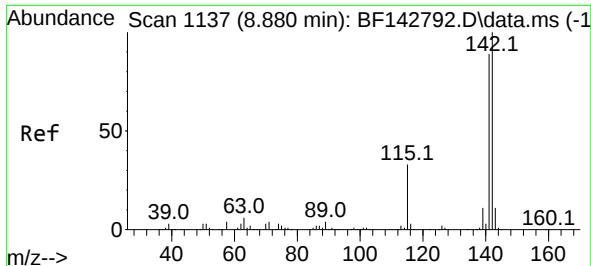
Tgt Ion:113 Resp: 33362
 Ion Ratio Lower Upper
 113 100
 55 172.9 154.4 194.4
 56 133.4 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.737 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142885.D
 Acq: 27 Jun 2025 11:19

Tgt Ion:107 Resp: 192336
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.3 31.9
 142 82.4 66.6 100.0





#37

2-Methylnaphthalene

Concen: 43.008 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

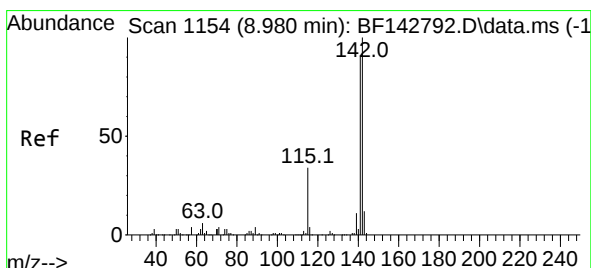
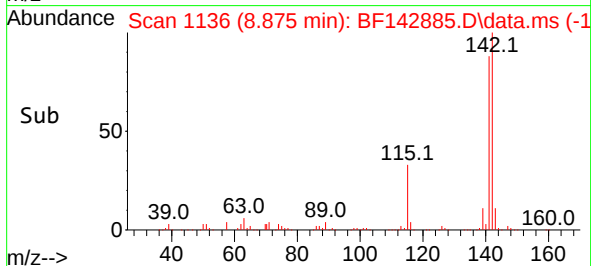
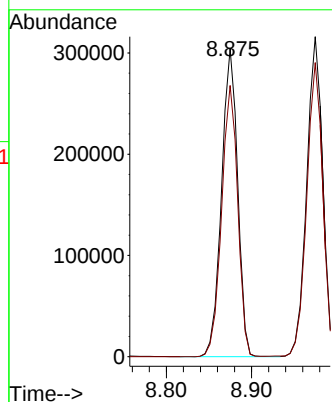
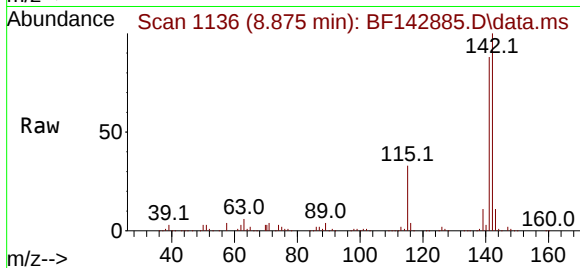
PB168625BS

Tgt Ion:142 Resp: 399906

Ion Ratio Lower Upper

142 100

141 88.1 70.9 106.3



#38

1-Methylnaphthalene

Concen: 42.641 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142885.D

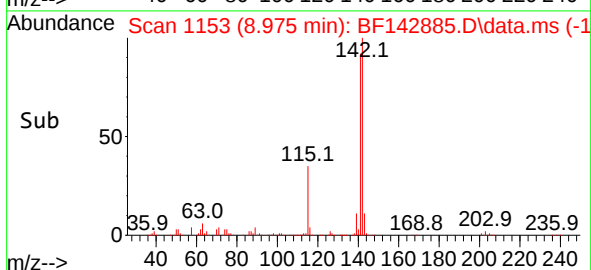
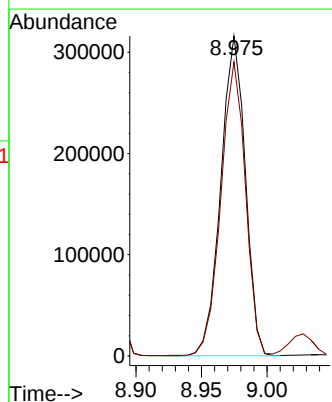
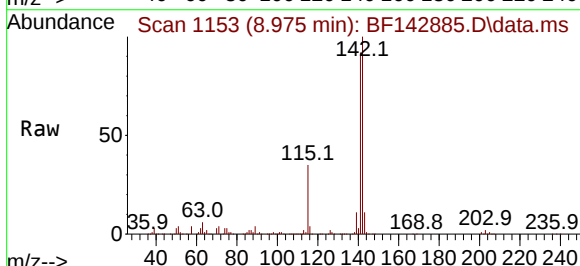
Acq: 27 Jun 2025 11:19

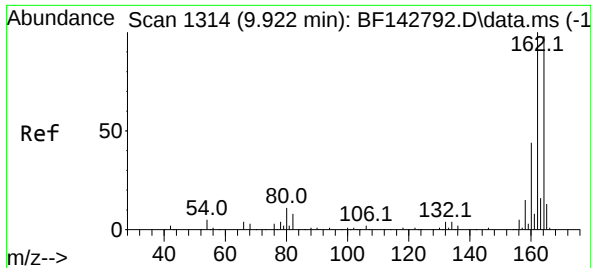
Tgt Ion:142 Resp: 410444

Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.4

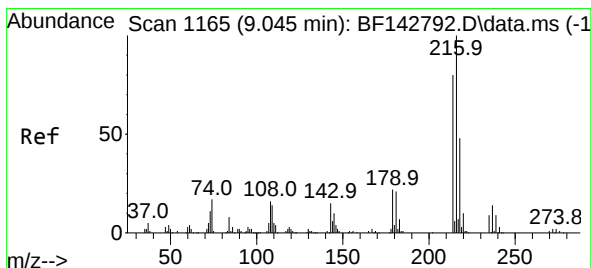
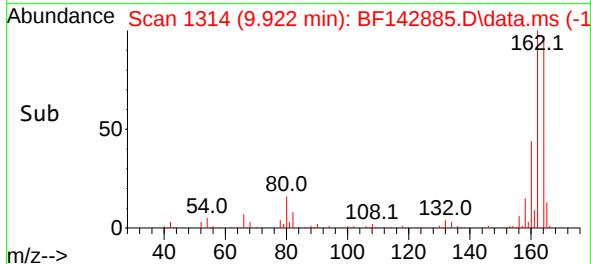
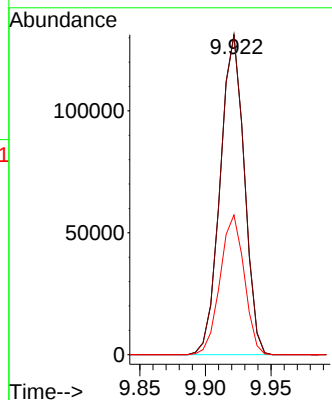
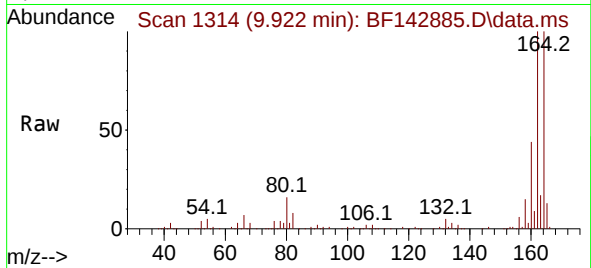




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

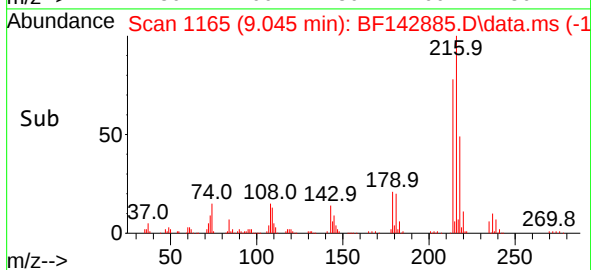
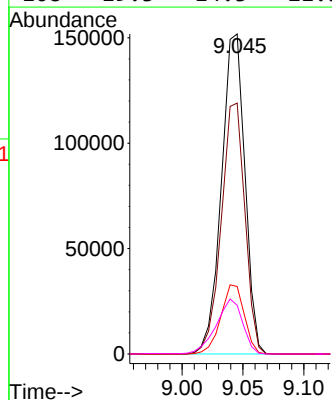
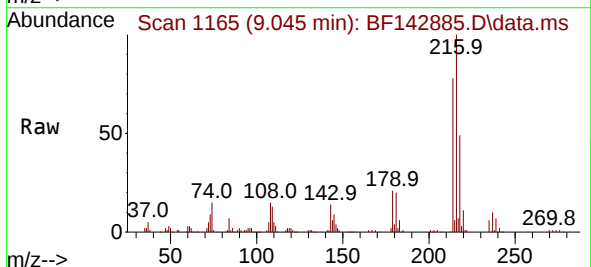
Instrument :
BNA_F
ClientSampleId :
PB168625BS

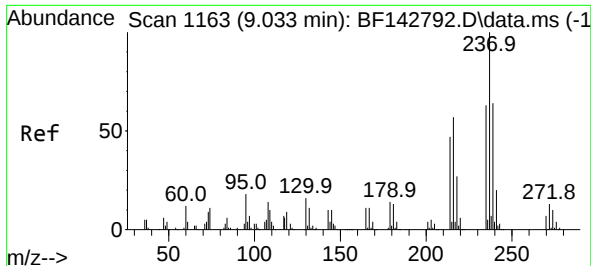
Tgt Ion:164 Resp: 167156
Ion Ratio Lower Upper
164 100
162 99.6 81.8 122.8
160 43.7 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.330 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:216 Resp: 203850
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 21.6 17.6 26.4
108 19.3 14.3 21.5

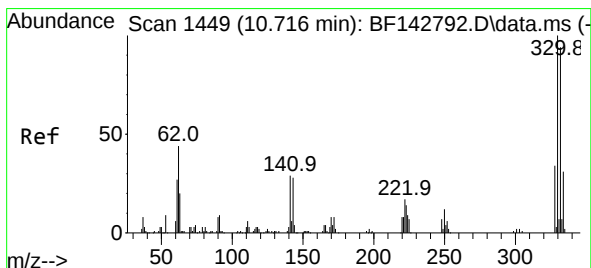
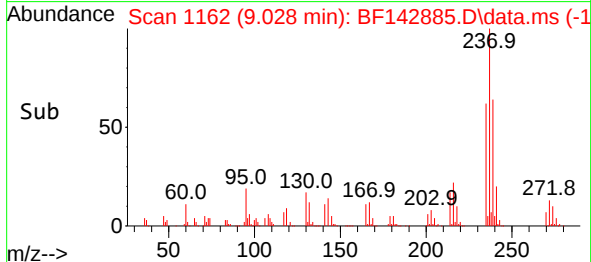
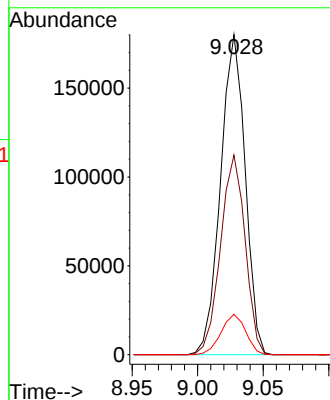
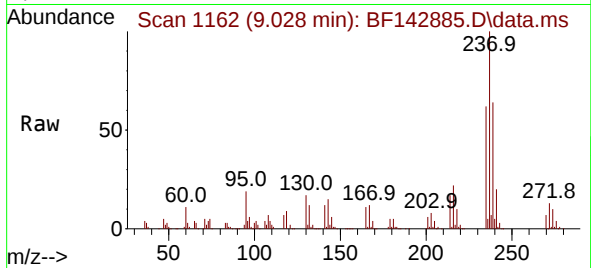




#41
Hexachlorocyclopentadiene
Concen: 83.852 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

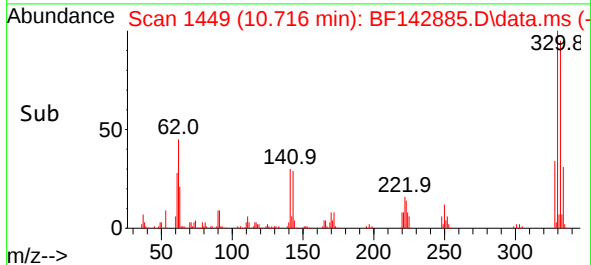
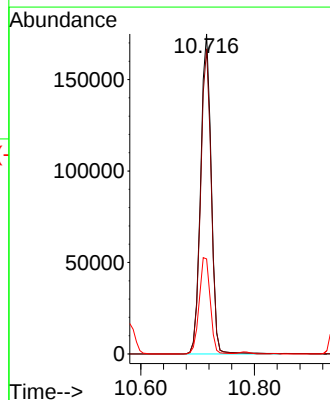
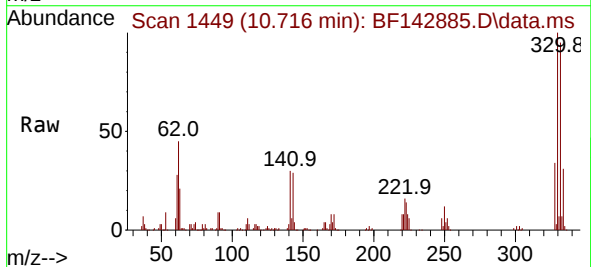
Instrument :
BNA_F
ClientSampleId :
PB168625BS

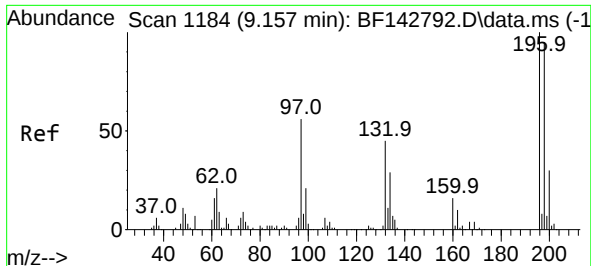
Tgt Ion:237 Resp: 234698
Ion Ratio Lower Upper
237 100
235 62.4 43.4 83.4
272 12.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 132.097 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:330 Resp: 227226
Ion Ratio Lower Upper
330 100
332 95.5 75.0 112.6
141 31.4 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 42.660 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142885.D

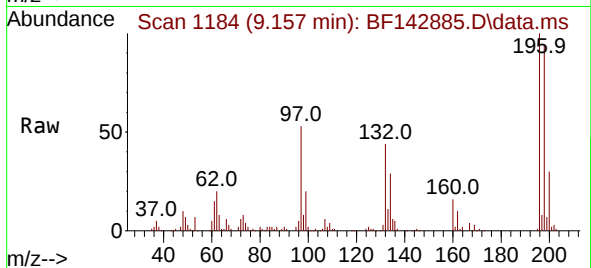
Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS



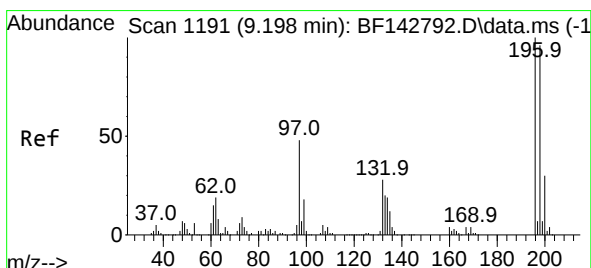
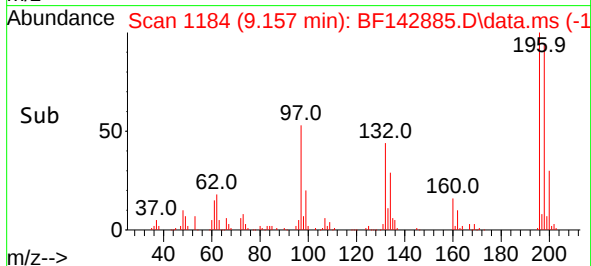
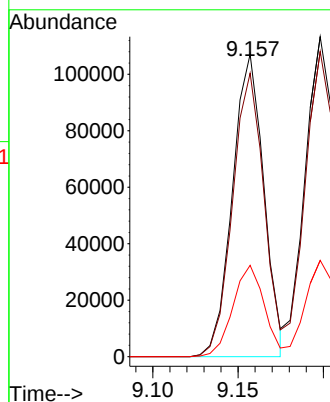
Tgt Ion:196 Resp: 137107

Ion Ratio Lower Upper

196 100

198 93.7 76.2 114.2

200 30.2 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.994 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Tgt Ion:196 Resp: 145459

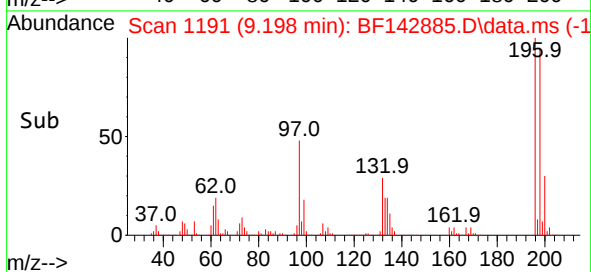
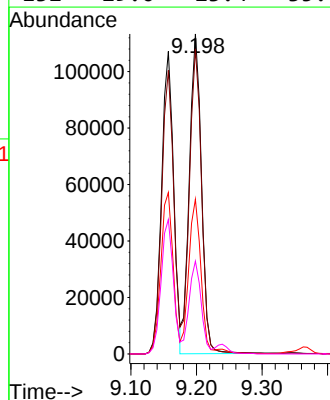
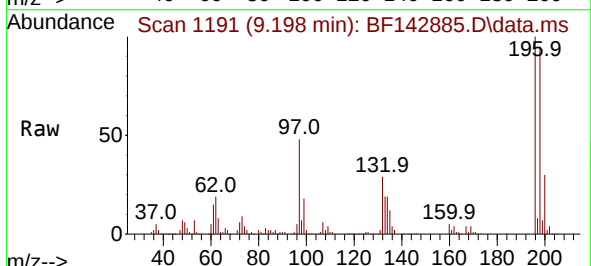
Ion Ratio Lower Upper

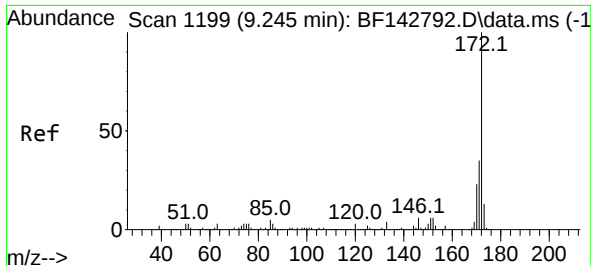
196 100

198 95.4 76.6 115.0

97 48.3 38.2 57.2

132 29.0 23.4 35.0

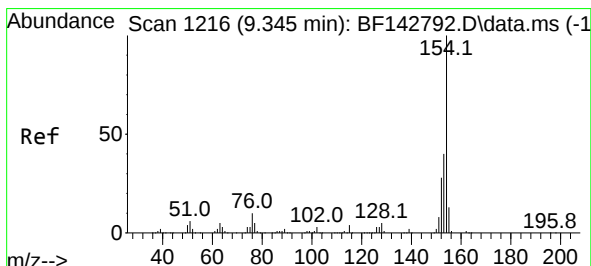
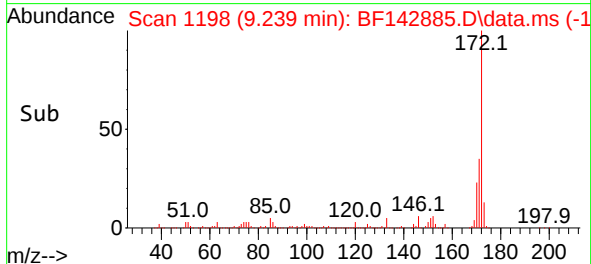
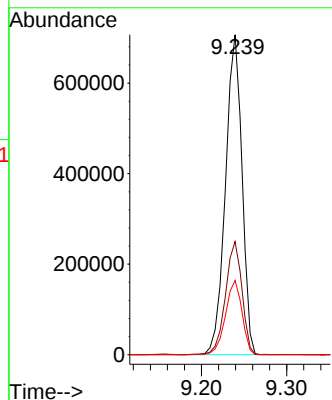
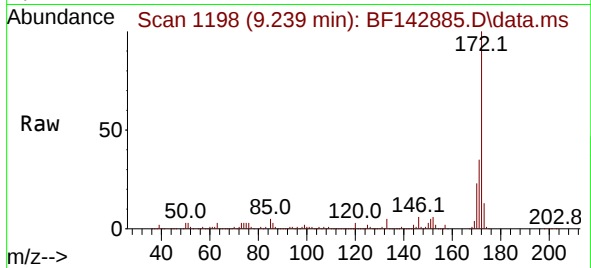




#45
2-Fluorobiphenyl
Concen: 74.728 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

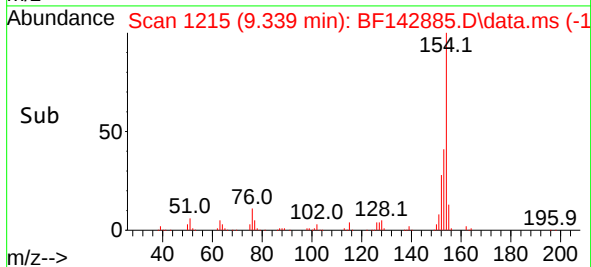
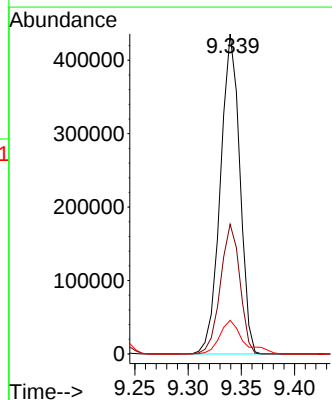
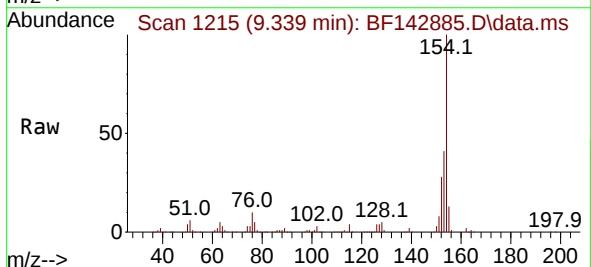
Instrument :
BNA_F
ClientSampleId :
PB168625BS

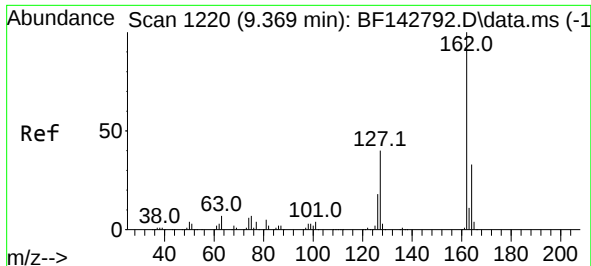
Tgt Ion:172 Resp: 950860
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 41.762 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:154 Resp: 551449
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 10.5 0.0 30.3





#47

2-Chloronaphthalene

Concen: 41.153 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

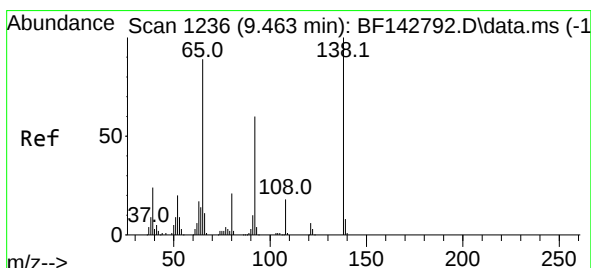
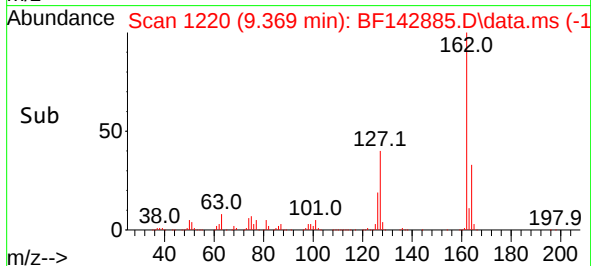
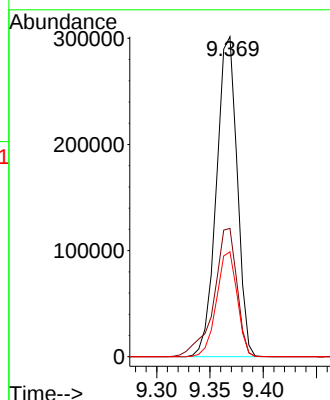
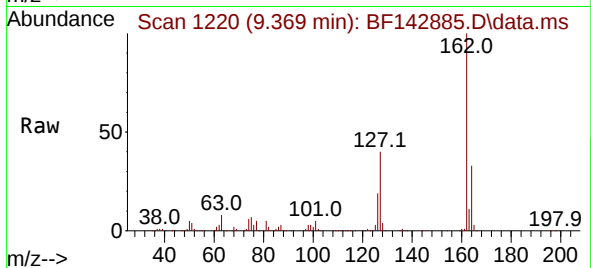
Tgt Ion:162 Resp: 407787

Ion Ratio Lower Upper

162 100

127 40.1 32.2 48.2

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 44.224 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

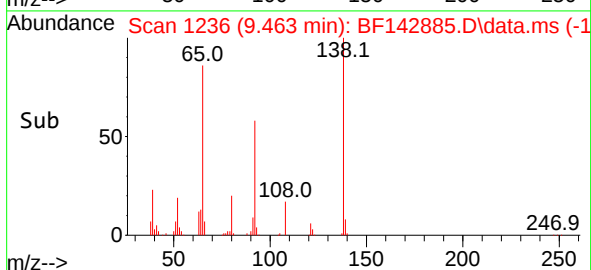
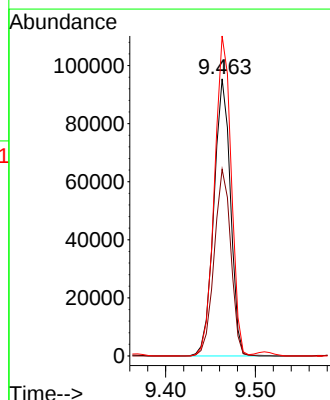
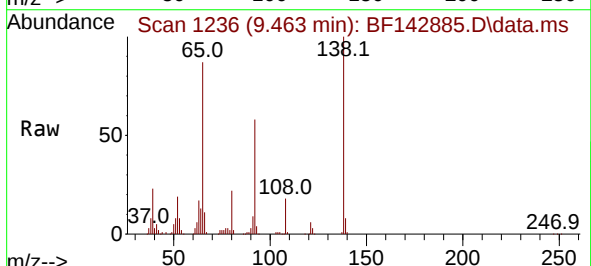
Tgt Ion: 65 Resp: 122855

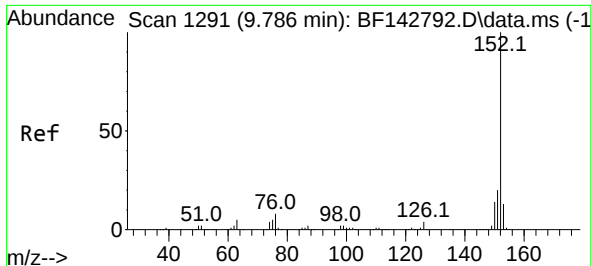
Ion Ratio Lower Upper

65 100

92 67.4 53.8 80.6

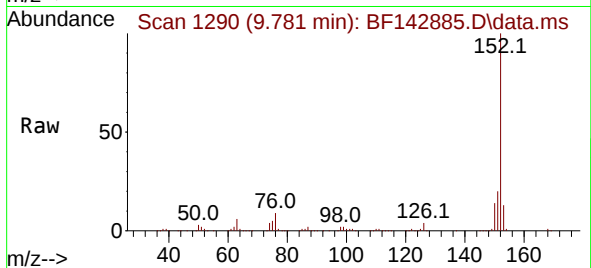
138 115.5 89.6 134.4



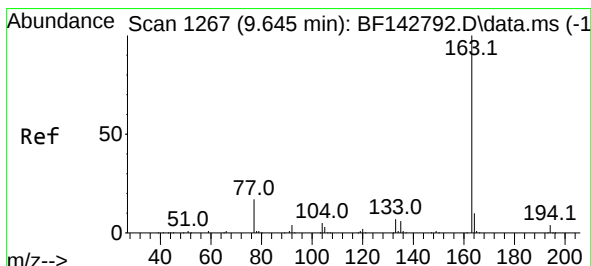
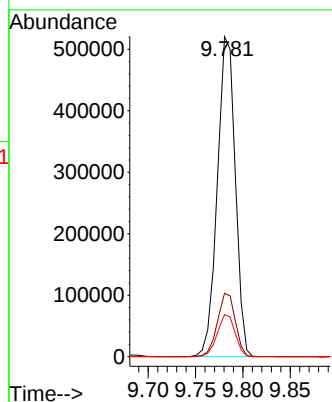
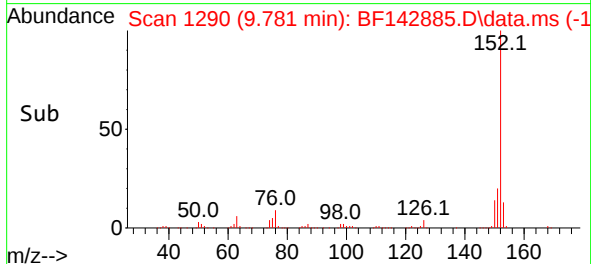


#49
Acenaphthylene
Concen: 42.182 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

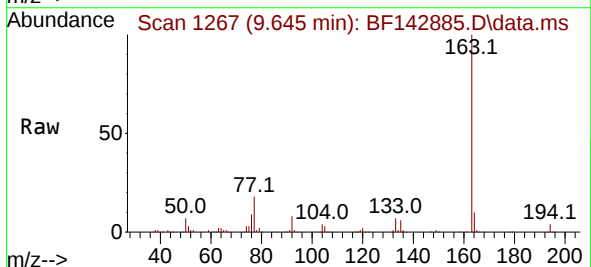
Instrument :
BNA_F
ClientSampleId :
PB168625BS



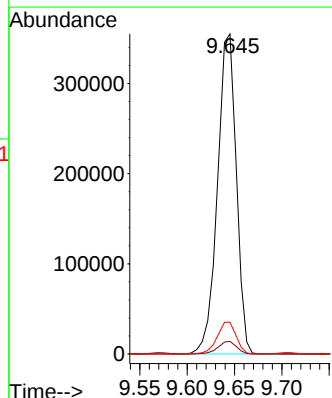
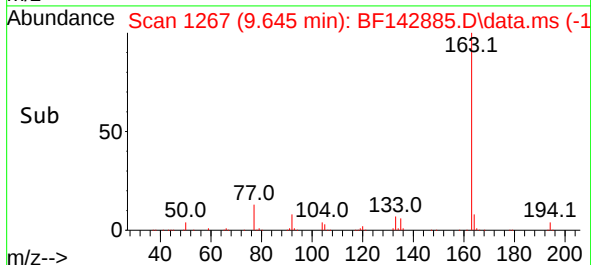
Tgt Ion:152 Resp: 688079
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.2 10.4 15.6

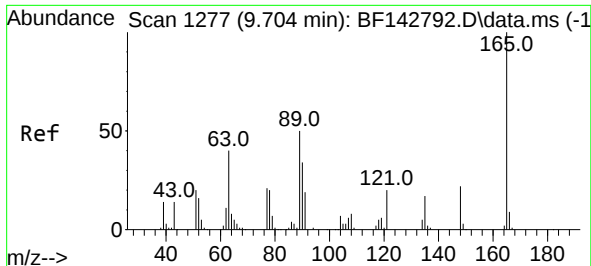


#50
Dimethylphthalate
Concen: 45.499 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19



Tgt Ion:163 Resp: 492303
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 44.714 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

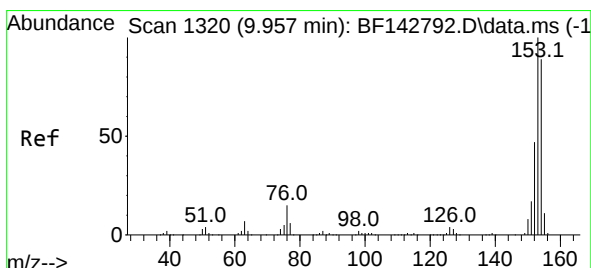
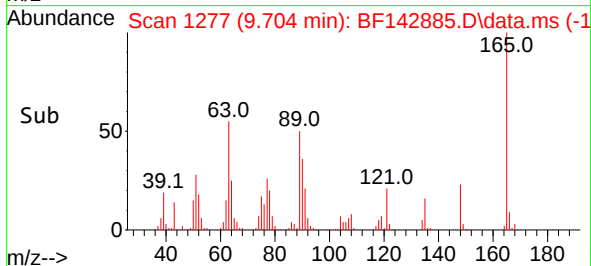
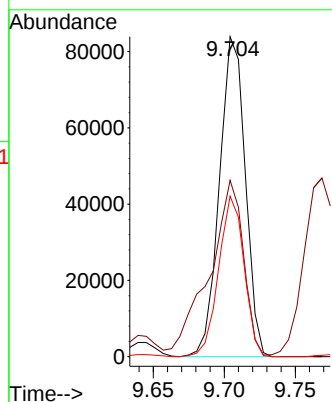
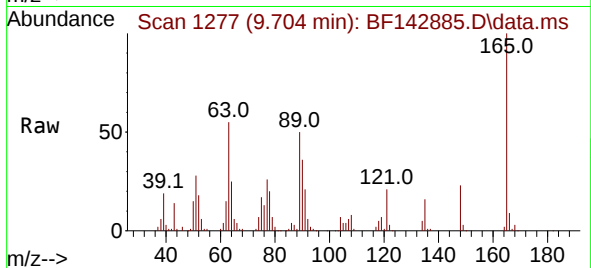
Tgt Ion:165 Resp: 106248

Ion Ratio Lower Upper

165 100

63 55.1 44.2 66.4

89 50.1 39.8 59.8



#52

Acenaphthene

Concen: 39.676 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

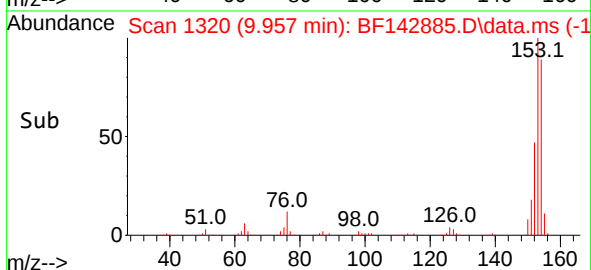
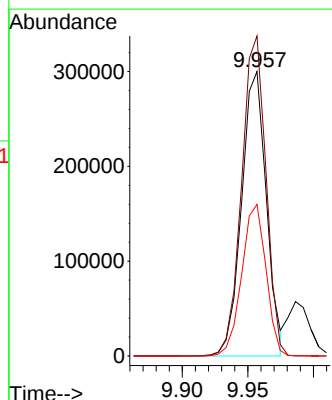
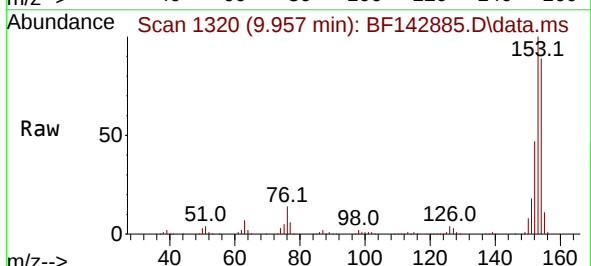
Tgt Ion:154 Resp: 394876

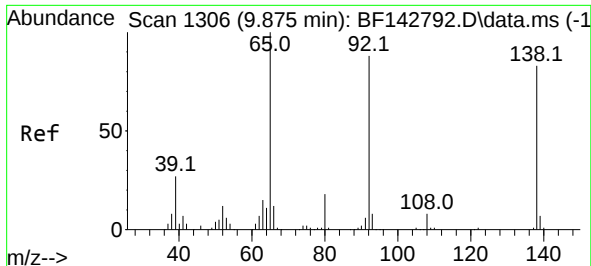
Ion Ratio Lower Upper

154 100

153 112.5 90.0 135.0

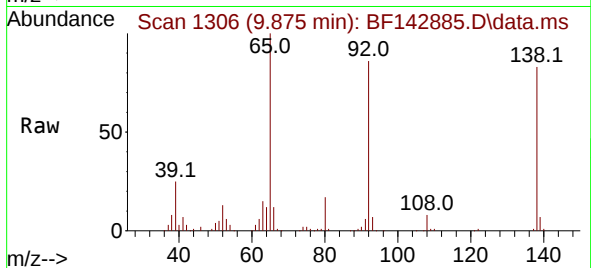
152 53.3 41.9 62.9



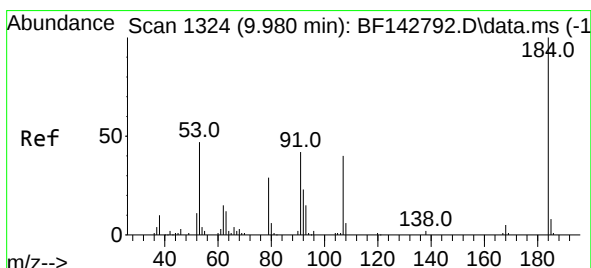
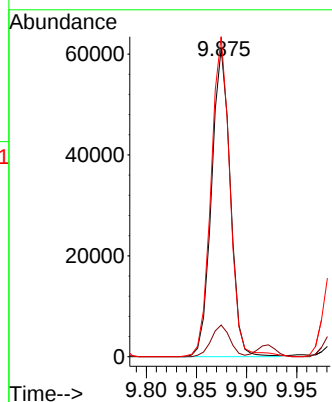
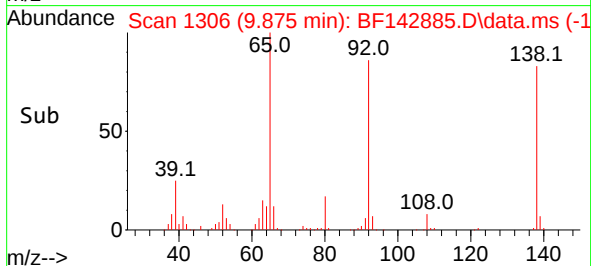


#53
3-Nitroaniline
Concen: 30.332 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

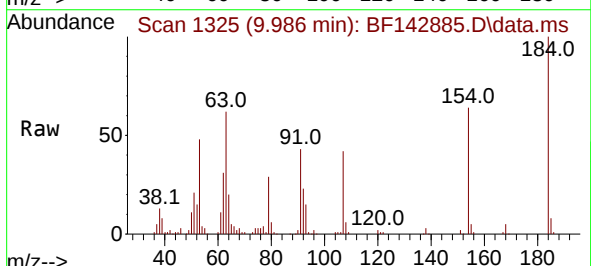
Instrument :
BNA_F
ClientSampleId :
PB168625BS



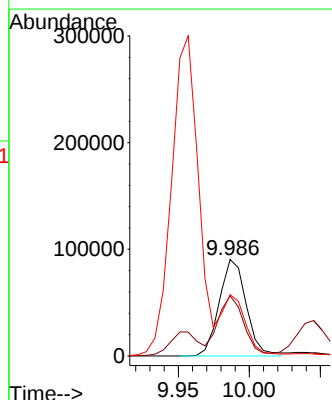
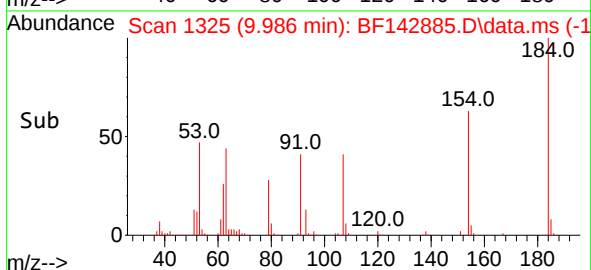
Tgt Ion:138 Resp: 79354
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 103.6 85.1 127.7

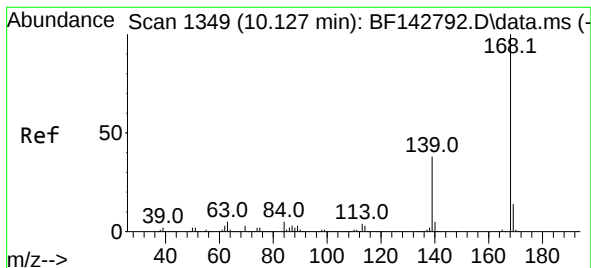


#54
2,4-Dinitrophenol
Concen: 100.486 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19



Tgt Ion:184 Resp: 119559
Ion Ratio Lower Upper
184 100
63 62.3 50.6 75.8
154 63.5 51.8 77.8





#55

Dibenzenofuran

Concen: 42.491 ng

RT: 10.128 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

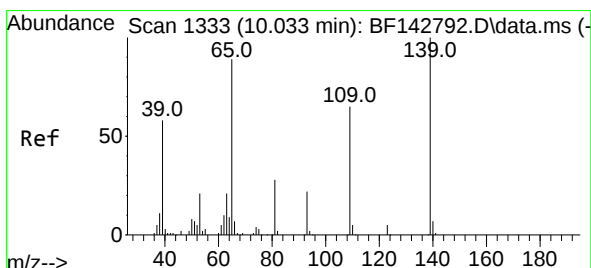
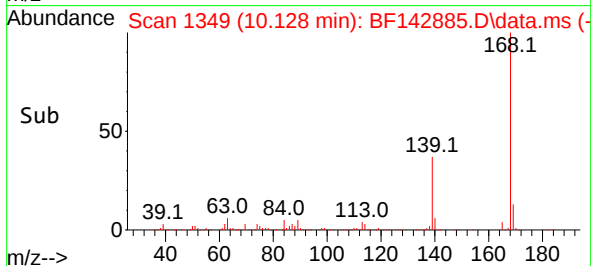
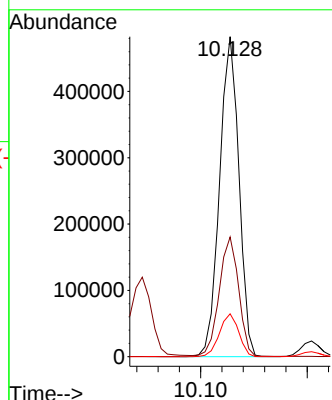
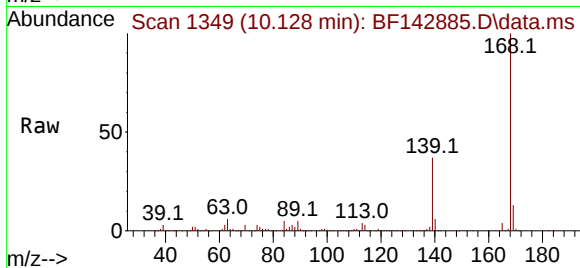
Tgt Ion:168 Resp: 606412

Ion Ratio Lower Upper

168 100

139 37.4 30.2 45.4

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 93.237 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

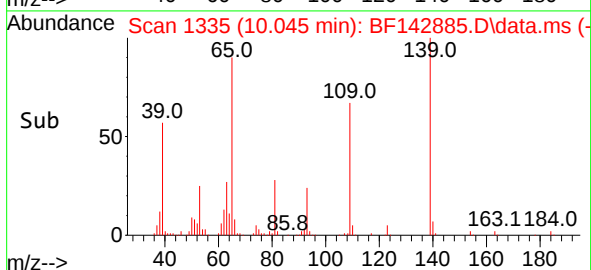
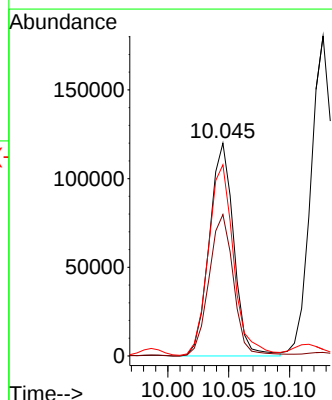
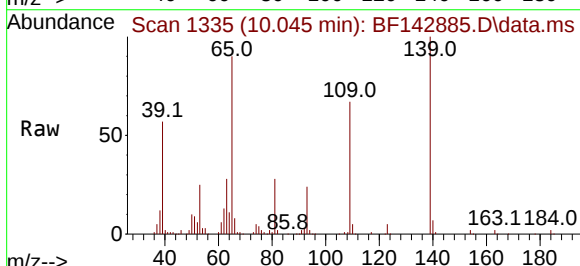
Tgt Ion:139 Resp: 166993

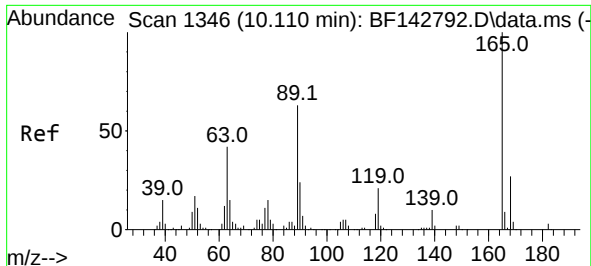
Ion Ratio Lower Upper

139 100

109 66.5 44.7 84.7

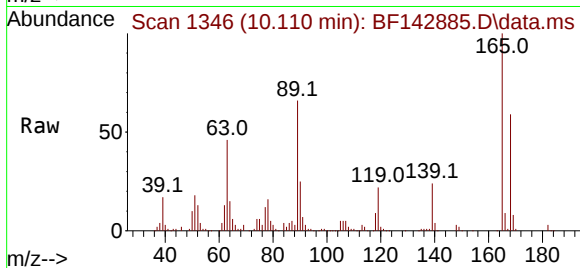
65 89.8 69.8 109.8



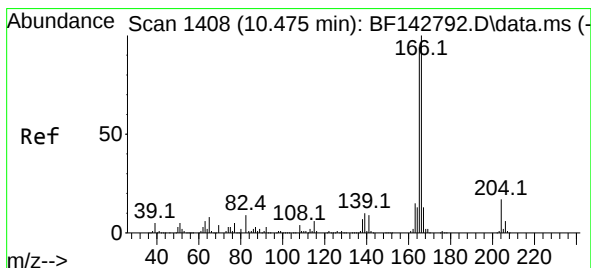
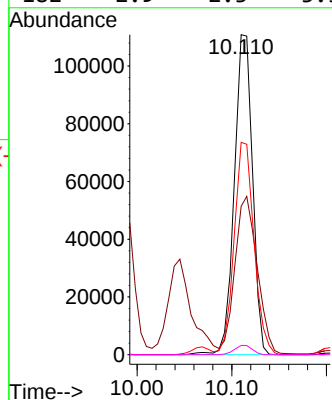
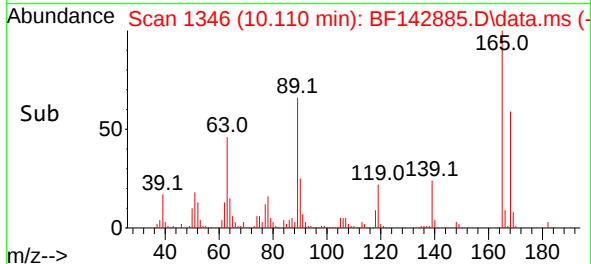


#57
2,4-Dinitrotoluene
Concen: 46.881 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

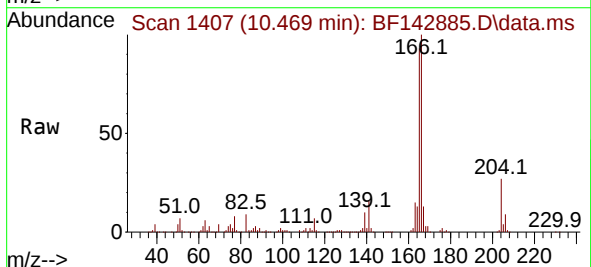
Instrument :
BNA_F
ClientSampleId :
PB168625BS



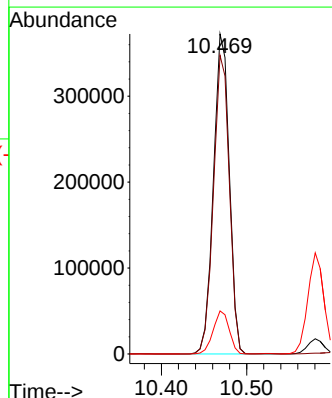
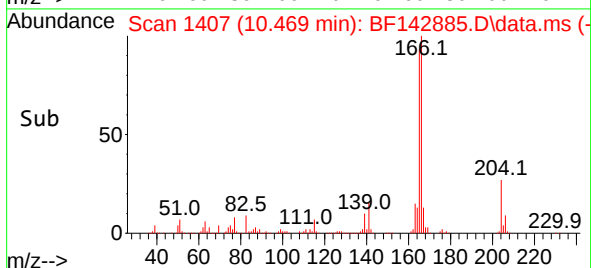
Tgt Ion:165 Resp: 147971
Ion Ratio Lower Upper
165 100
63 46.4 33.9 50.9
89 66.3 50.6 75.8
182 2.9 2.3 3.5

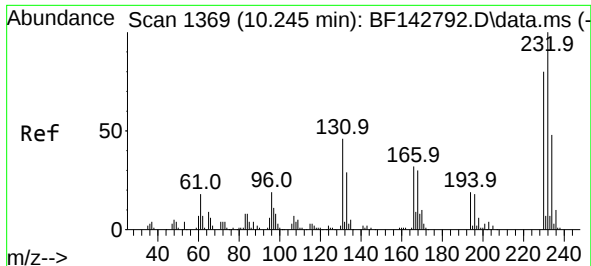


#58
Fluorene
Concen: 43.145 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19



Tgt Ion:166 Resp: 480888
Ion Ratio Lower Upper
166 100
165 93.3 75.2 112.8
167 13.5 10.6 15.8

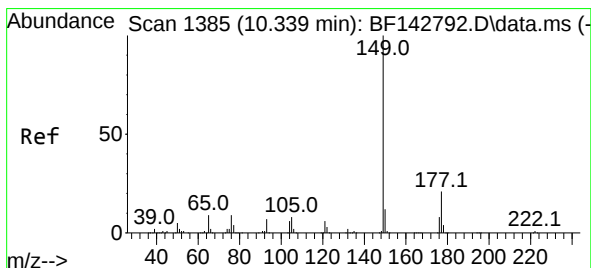
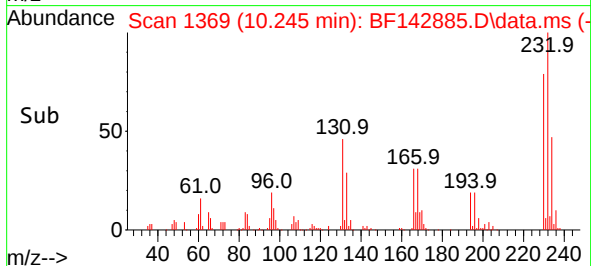
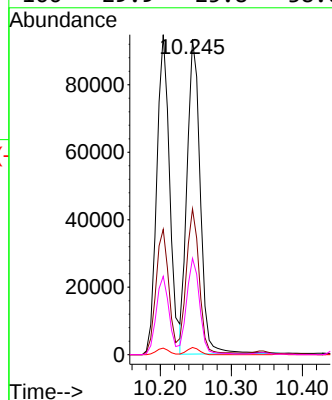
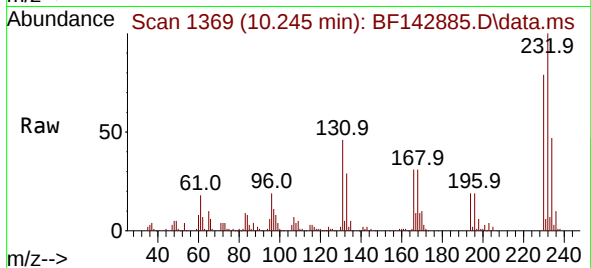




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.008 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

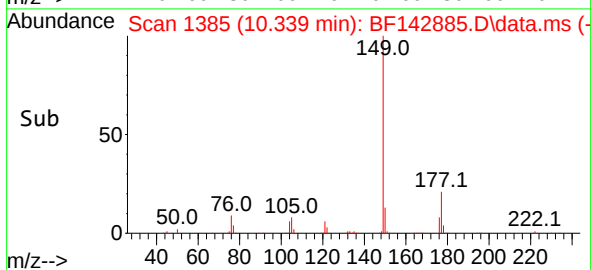
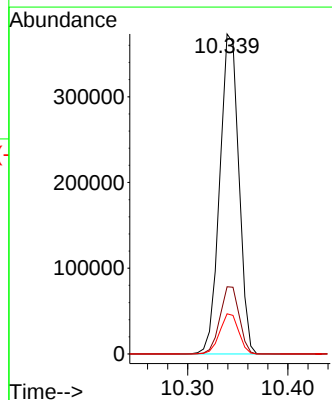
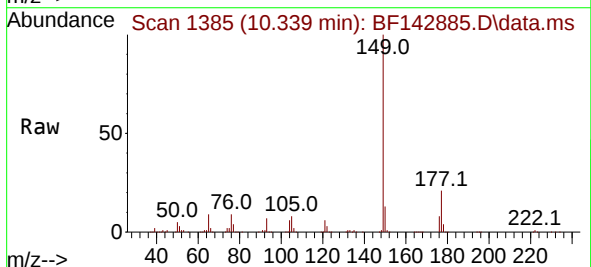
Instrument :
BNA_F
ClientSampleId :
PB168625BS

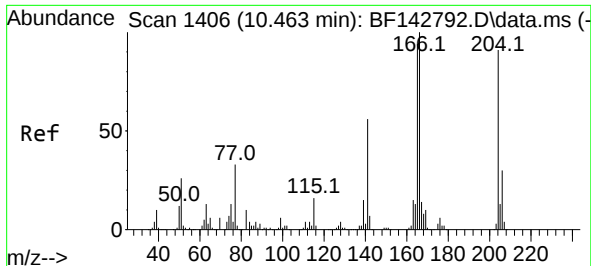
Tgt Ion:232 Resp: 120013
Ion Ratio Lower Upper
232 100
131 46.7 37.6 56.4
130 2.2 1.7 2.5
166 29.9 25.8 38.6



#60
Diethylphthalate
Concen: 46.390 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:149 Resp: 492152
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.6 9.8 14.6

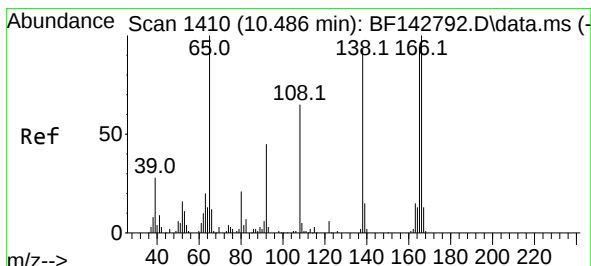
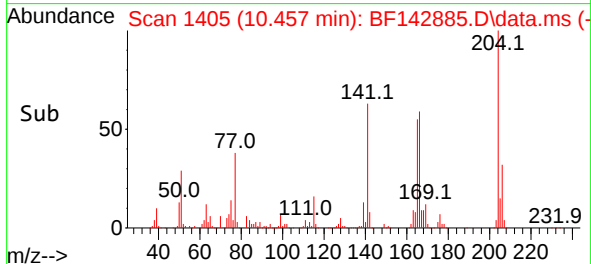
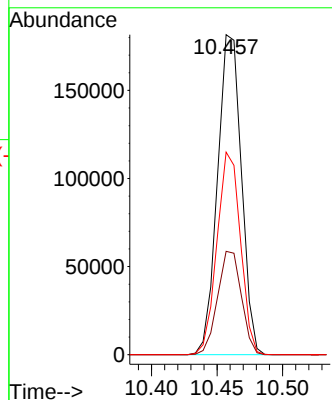
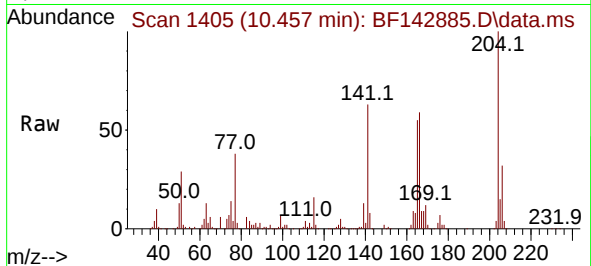




#61
4-Chlorophenyl-phenylether
Concen: 43.276 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

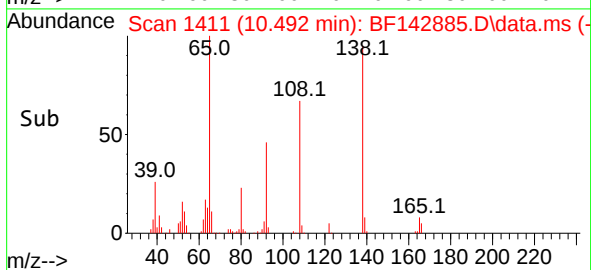
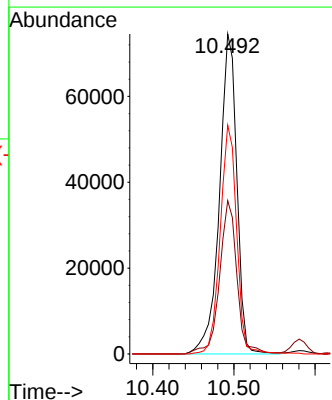
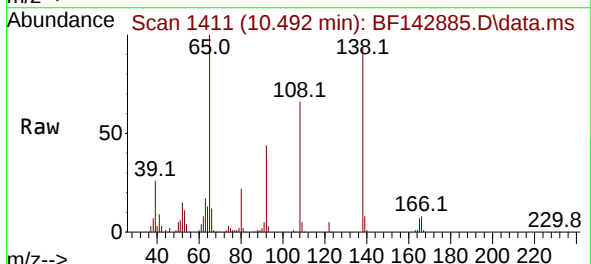
Instrument :
BNA_F
ClientSampleId :
PB168625BS

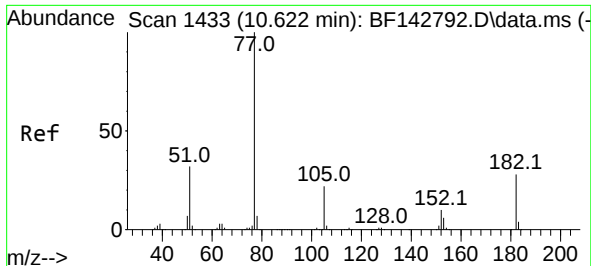
Tgt Ion:204 Resp: 230170
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 63.3 49.1 73.7



#62
4-Nitroaniline
Concen: 46.401 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:138 Resp: 111024
Ion Ratio Lower Upper
138 100
92 47.9 28.4 68.4
108 71.5 50.2 90.2

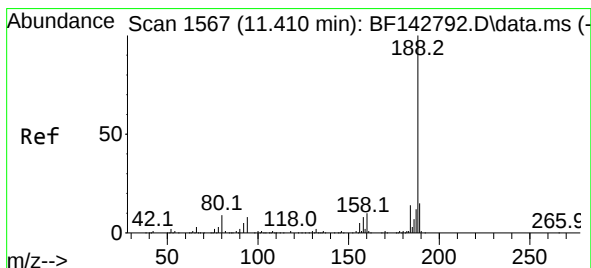
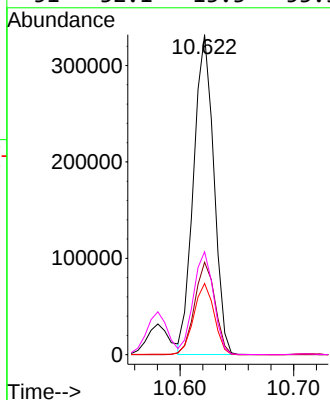
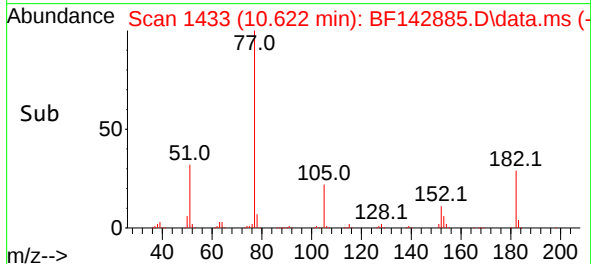
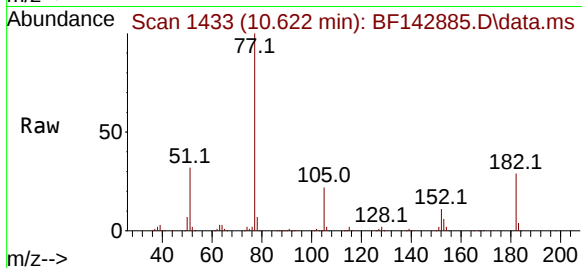




#63
Azobenzene
Concen: 43.333 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

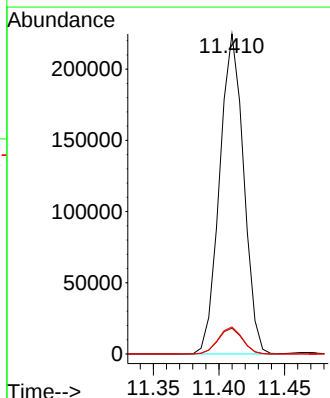
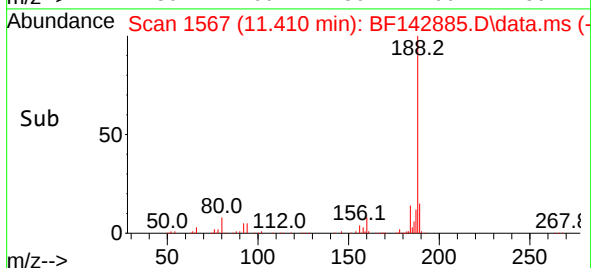
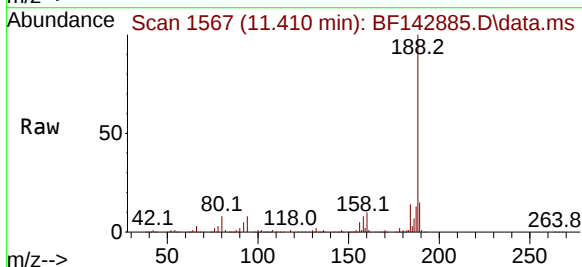
Instrument :
BNA_F
ClientSampleId :
PB168625BS

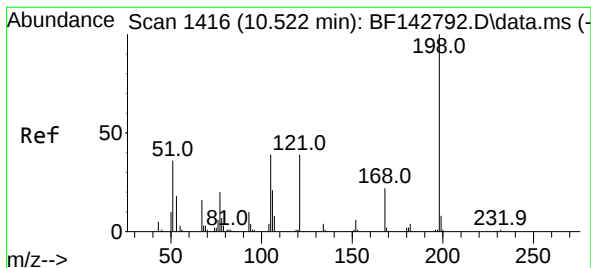
Tgt Ion:	77	Resp:	410873
Ion	Ratio	Lower	Upper
77	100		
182	28.9	7.7	47.7
105	22.3	1.9	41.9
51	32.1	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:	188	Resp:	286462
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.5	6.9	10.3

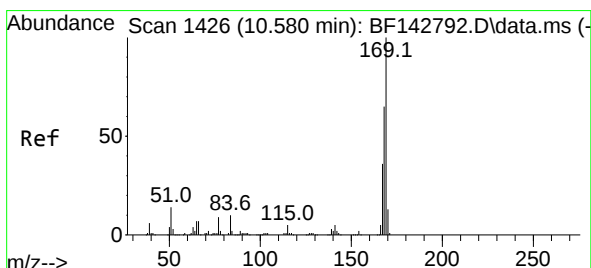
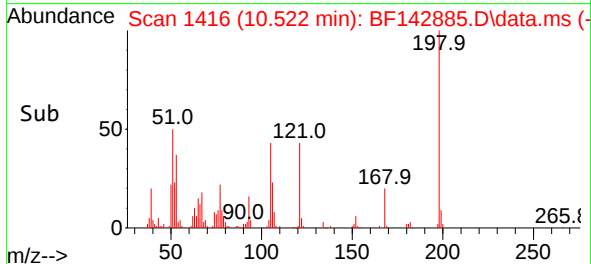
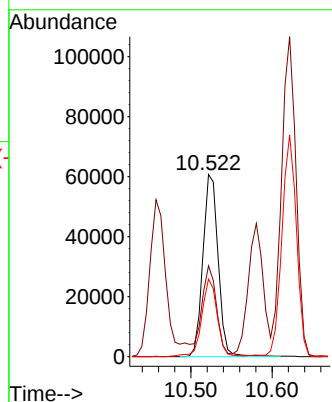
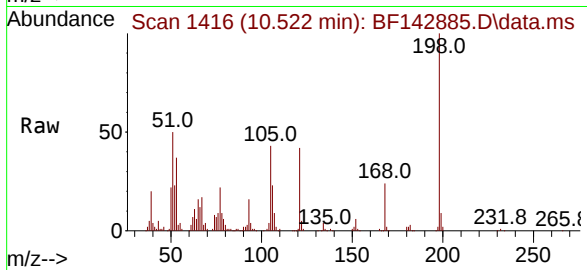




#65
4,6-Dinitro-2-methylphenol
Concen: 45.750 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

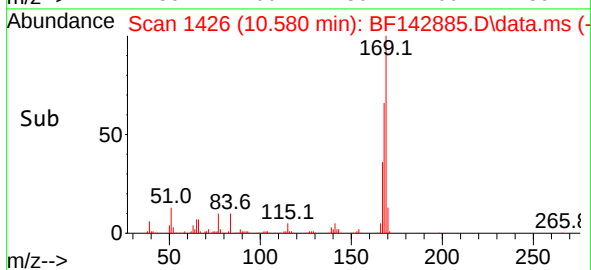
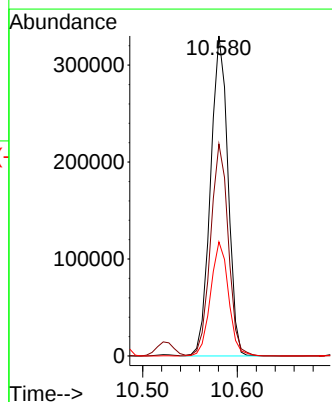
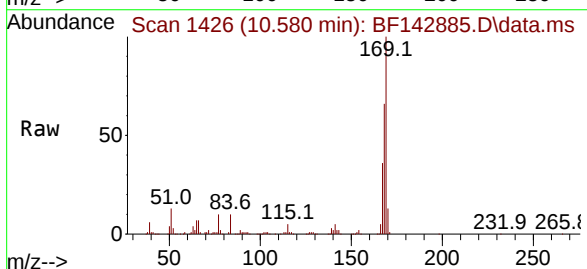
Instrument :
BNA_F
ClientSampleId :
PB168625BS

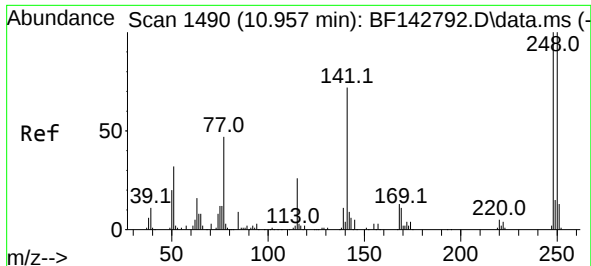
Tgt Ion:198 Resp: 79271
Ion Ratio Lower Upper
198 100
51 49.9 25.4 65.4
105 42.6 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 42.484 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:169 Resp: 421786
Ion Ratio Lower Upper
169 100
168 66.2 51.9 77.9
167 35.7 28.5 42.7

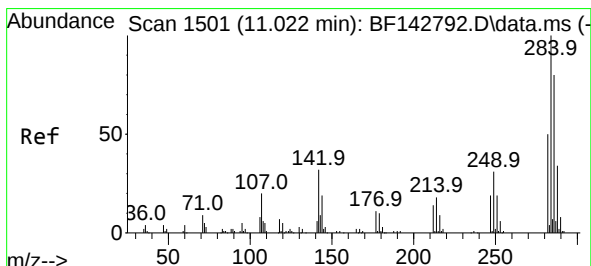
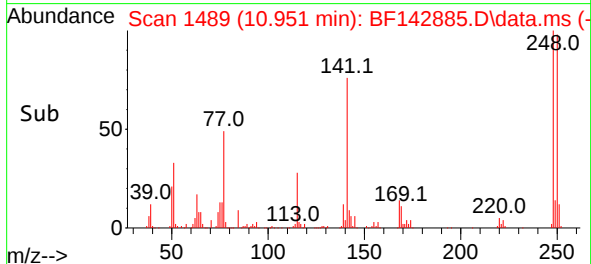
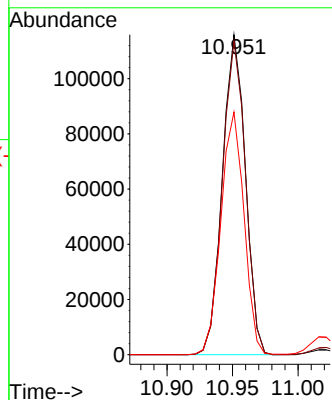
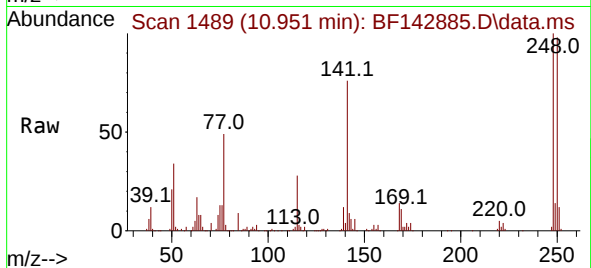




#67
4-Bromophenyl-phenylether
Concen: 43.458 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

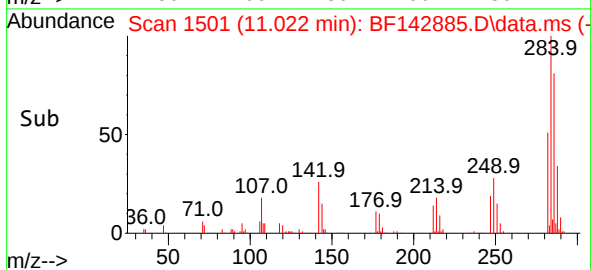
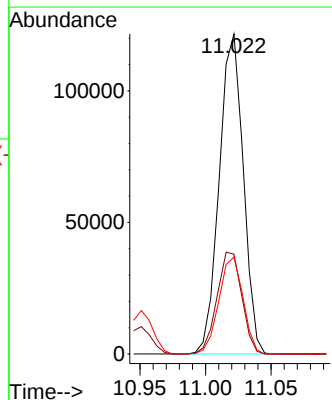
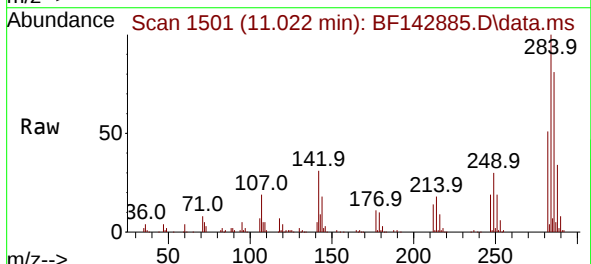
Instrument :
BNA_F
ClientSampleId :
PB168625BS

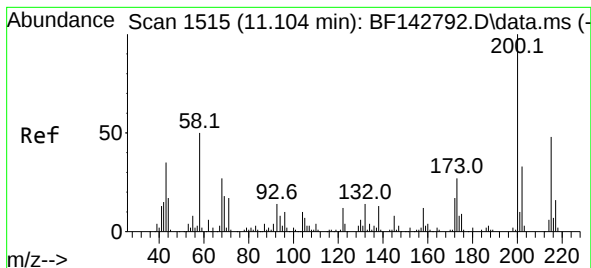
Tgt Ion:248 Resp: 141682
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.8
141 75.8 57.8 86.6



#68
Hexachlorobenzene
Concen: 42.783 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:284 Resp: 154987
Ion Ratio Lower Upper
284 100
142 31.2 25.5 38.3
249 30.3 24.9 37.3





#69

Atrazine

Concen: 50.596 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

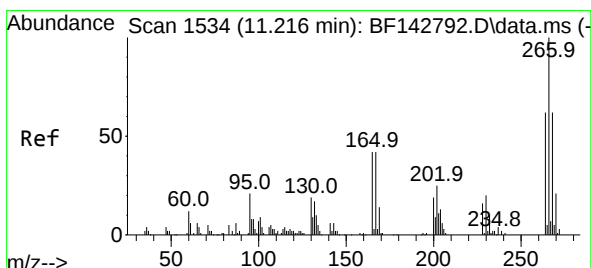
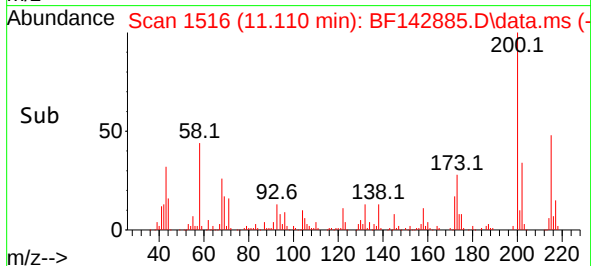
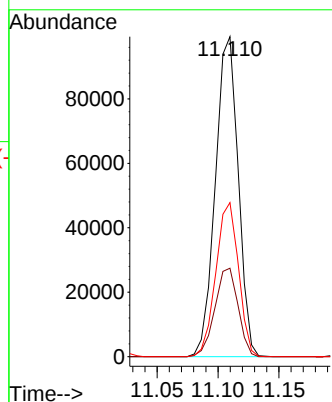
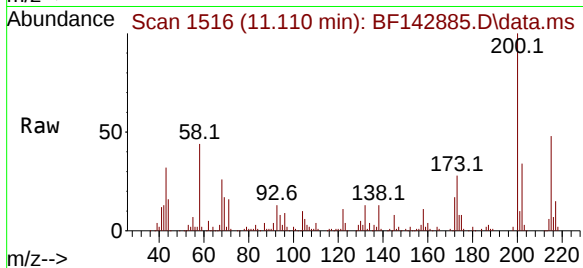
Tgt Ion:200 Resp: 129714

Ion Ratio Lower Upper

200 100

173 27.6 7.4 47.4

215 48.2 28.4 68.4



#70

Pentachlorophenol

Concen: 91.158 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

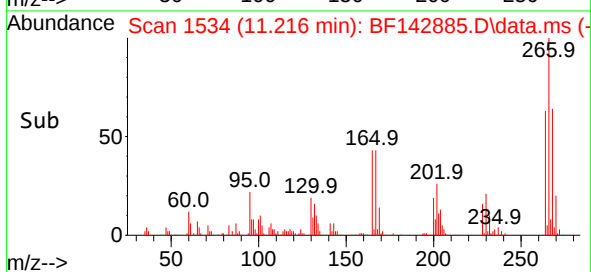
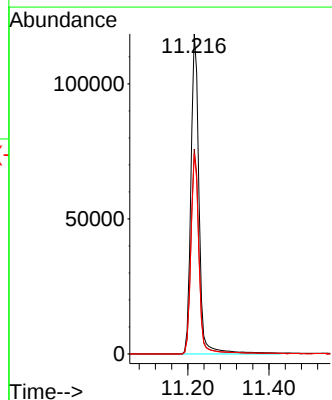
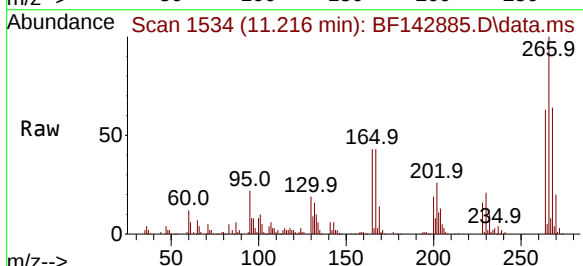
Tgt Ion:266 Resp: 164554

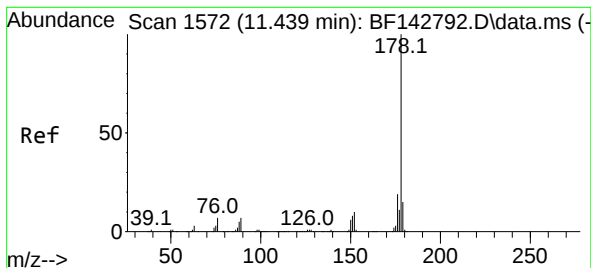
Ion Ratio Lower Upper

266 100

268 64.0 49.8 74.8

264 62.5 49.9 74.9





#71

Phenanthrene

Concen: 43.214 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

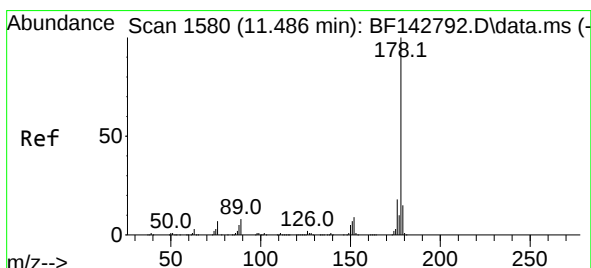
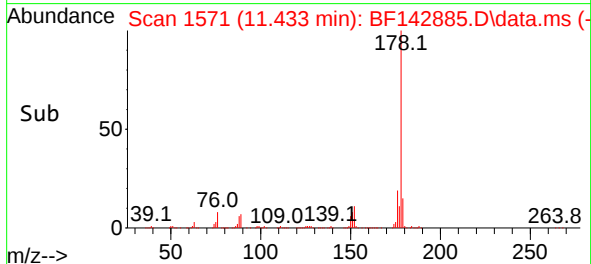
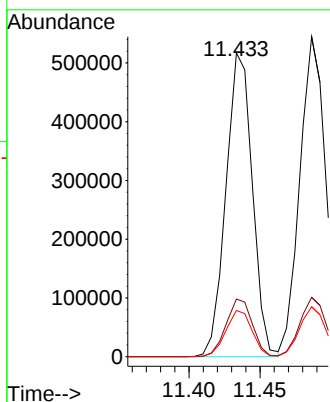
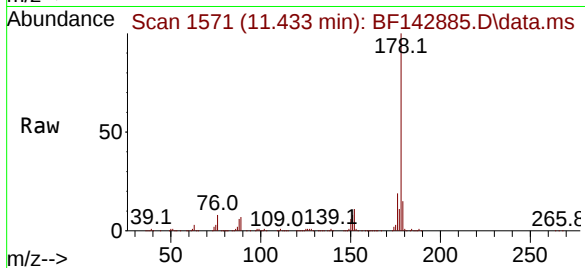
Tgt Ion:178 Resp: 670582

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.2 12.0 18.0



#72

Anthracene

Concen: 43.083 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

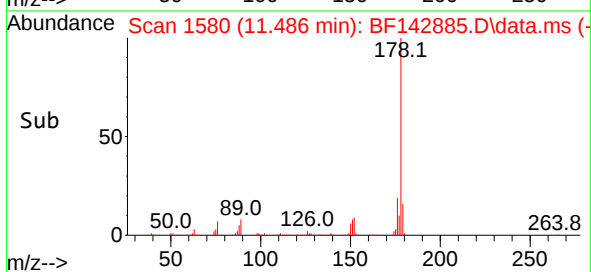
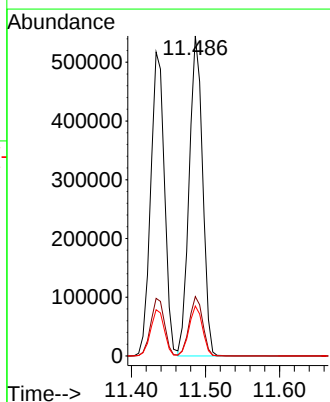
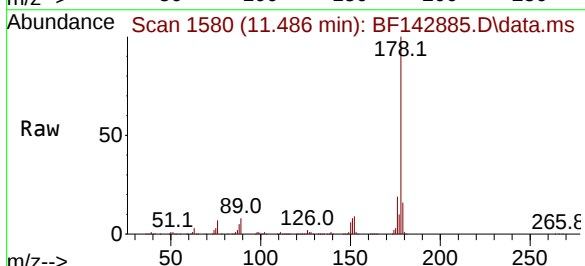
Tgt Ion:178 Resp: 685649

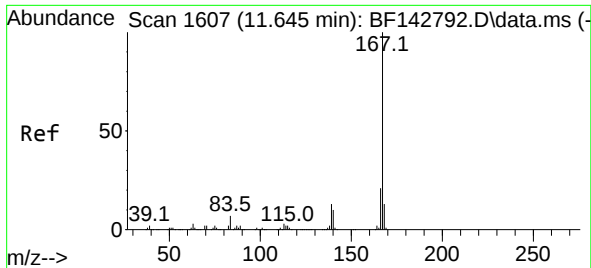
Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 15.6 12.4 18.6

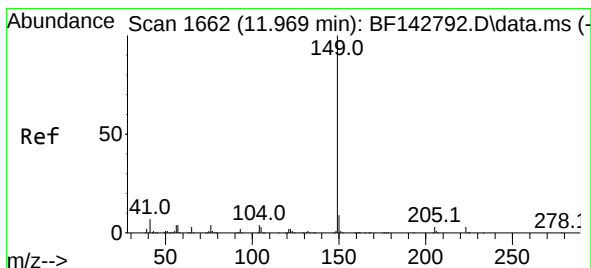
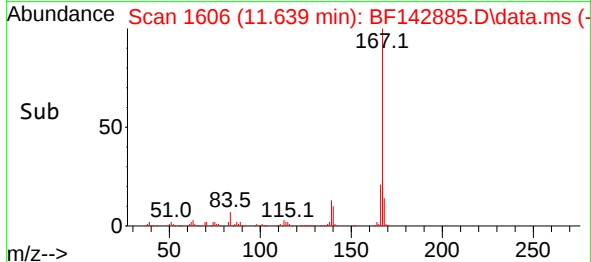
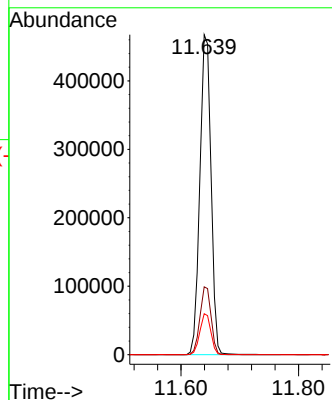
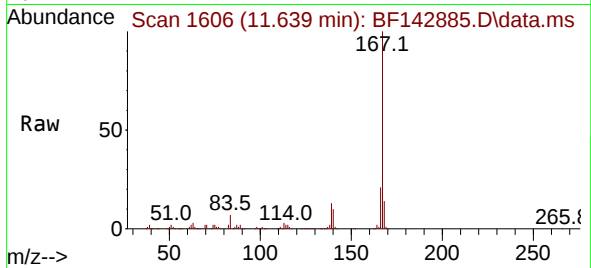




#73
 Carbazole
 Concen: 44.895 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142885.D
 Acq: 27 Jun 2025 11:19

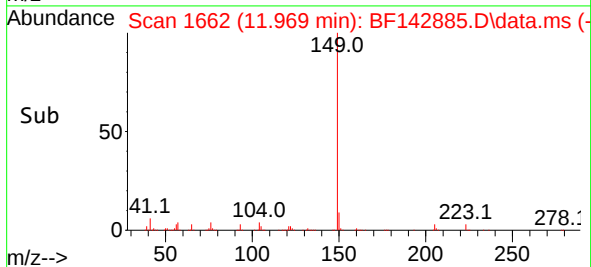
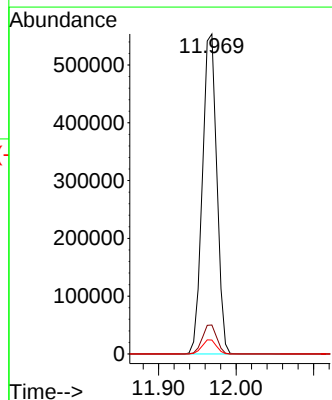
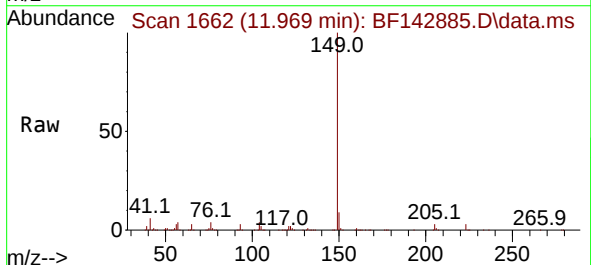
Instrument :
 BNA_F
 ClientSampleId :
 PB168625BS

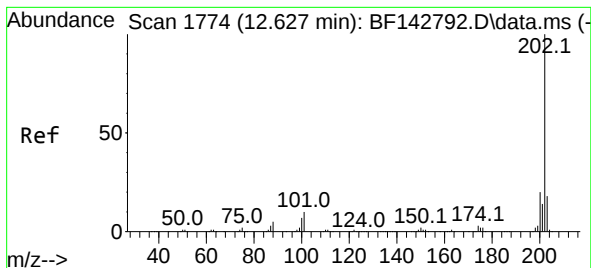
Tgt Ion:167 Resp: 616575
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 49.896 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142885.D
 Acq: 27 Jun 2025 11:19

Tgt Ion:149 Resp: 713866
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 45.083 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

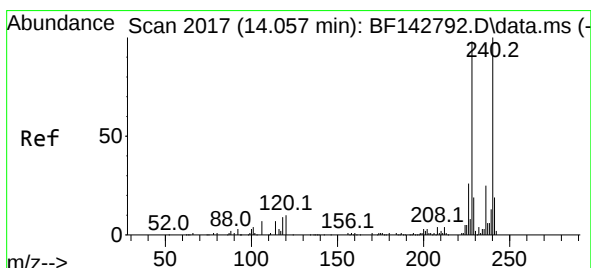
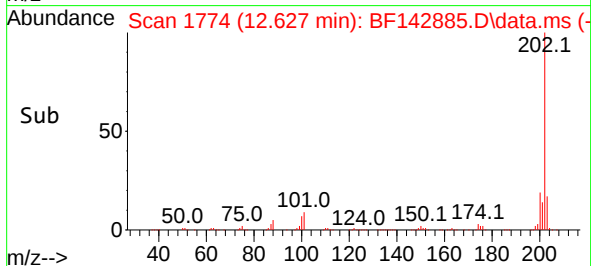
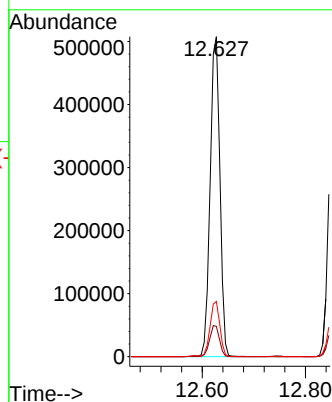
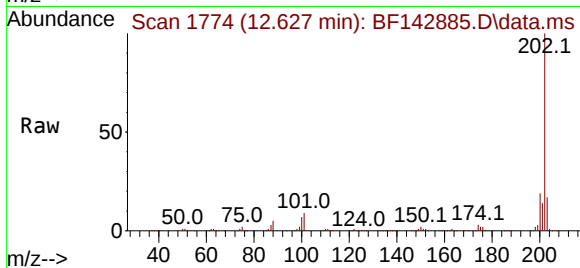
Tgt Ion:202 Resp: 663946

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.7

203 17.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

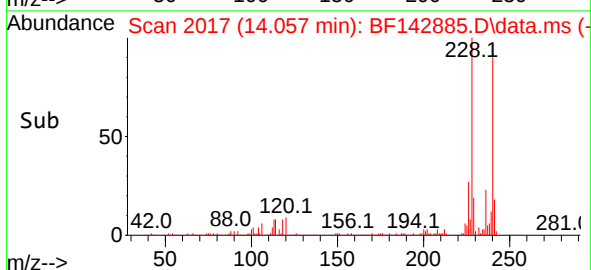
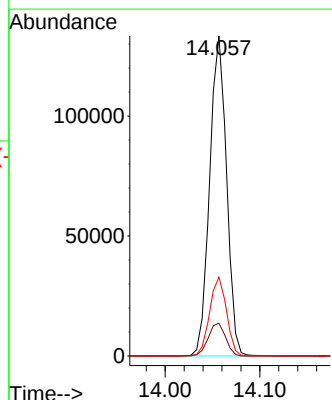
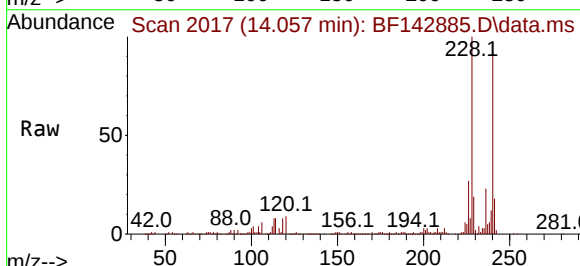
Tgt Ion:240 Resp: 164874

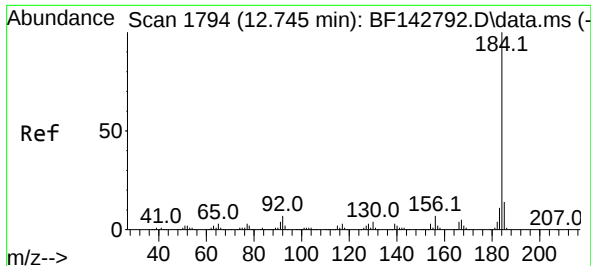
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 24.6 19.8 29.8

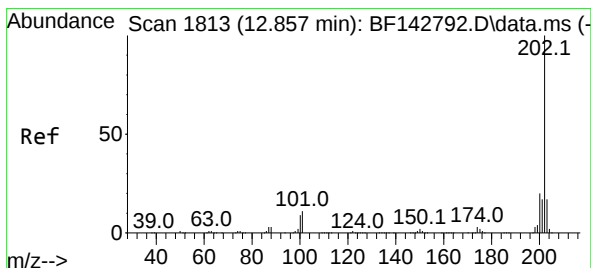
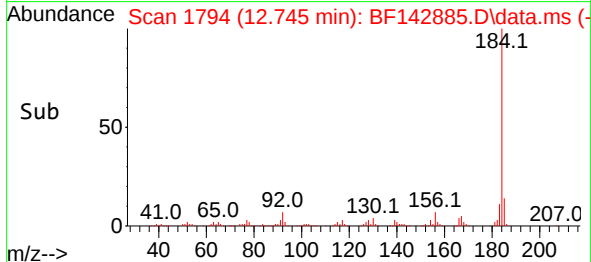
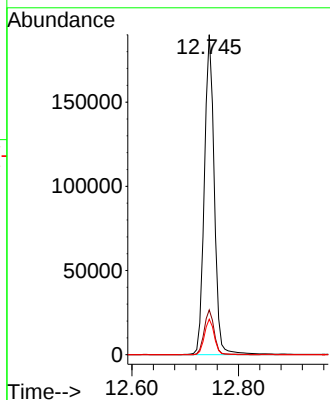
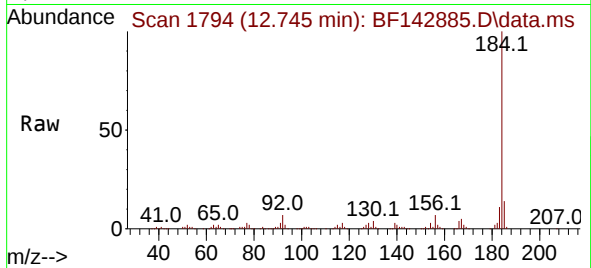




#77
Benzidine
Concen: 39.784 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

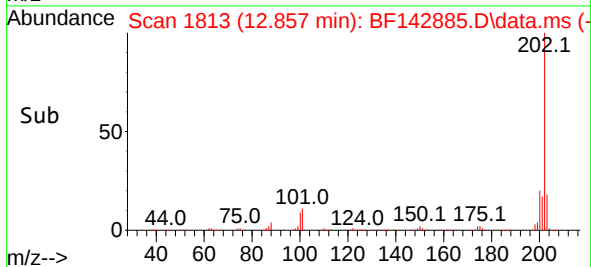
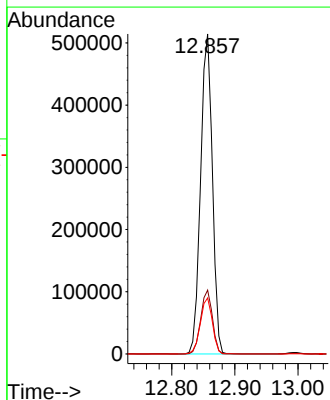
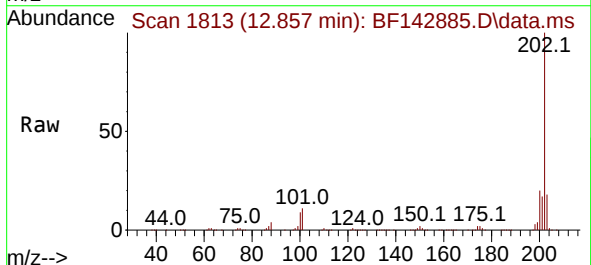
Instrument :
BNA_F
ClientSampleId :
PB168625BS

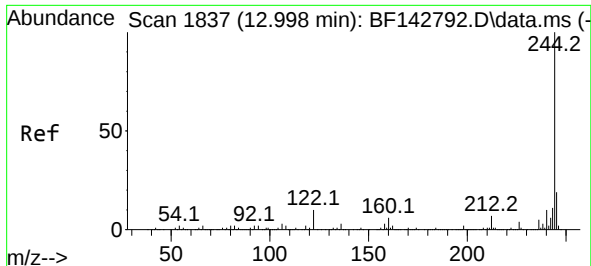
Tgt Ion:184 Resp: 246442
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.1 9.0 13.4



#78
Pyrene
Concen: 43.023 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:202 Resp: 664888
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.5 13.8 20.6

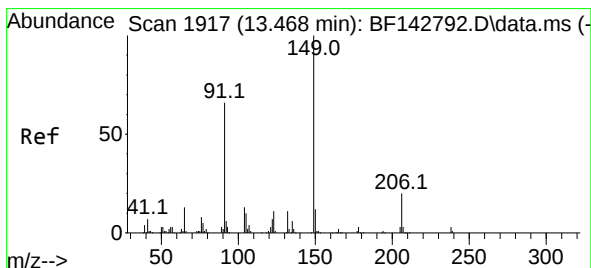
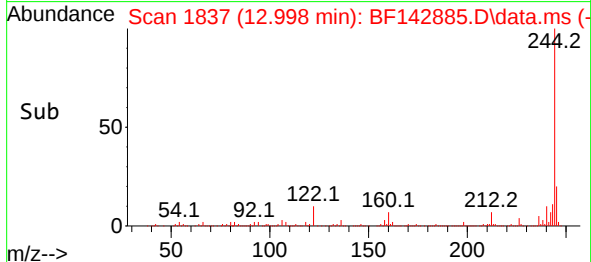
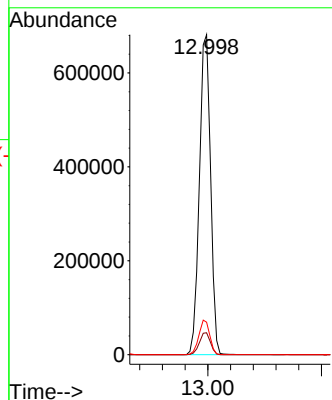
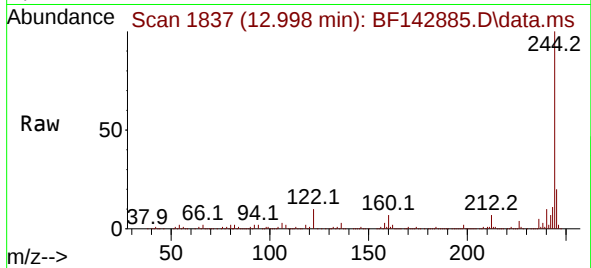




#79
 Terphenyl-d14
 Concen: 78.171 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142885.D
 Acq: 27 Jun 2025 11:19

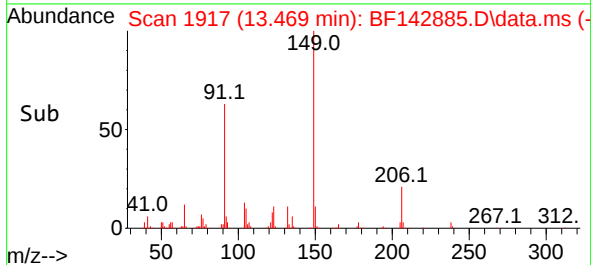
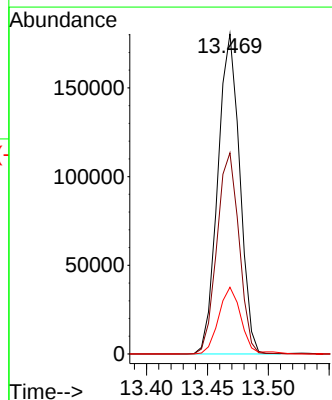
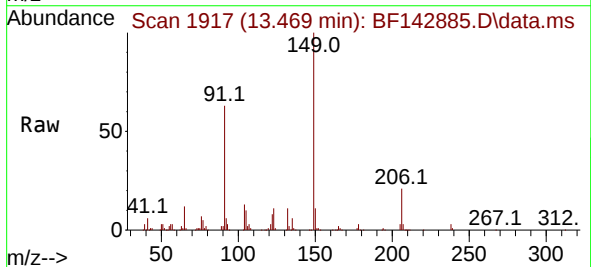
Instrument :
 BNA_F
 ClientSampleId :
 PB168625BS

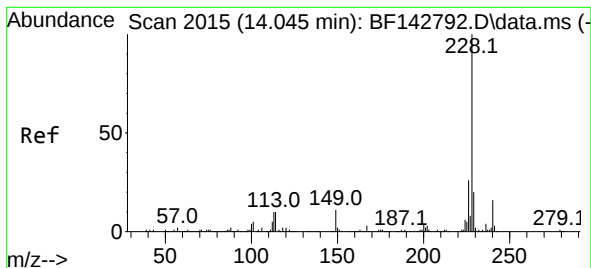
Tgt Ion:244 Resp: 932784
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 50.540 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142885.D
 Acq: 27 Jun 2025 11:19

Tgt Ion:149 Resp: 226565
 Ion Ratio Lower Upper
 149 100
 91 62.8 52.9 79.3
 206 20.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 43.547 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

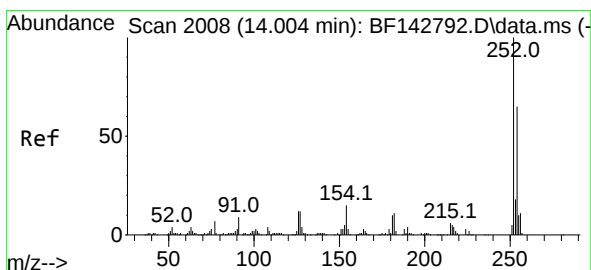
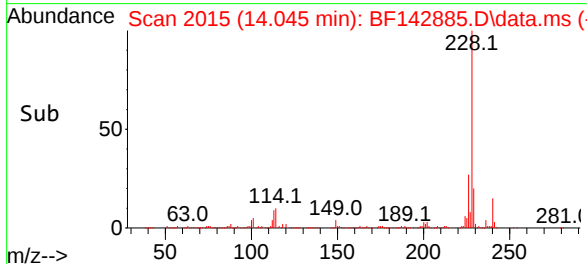
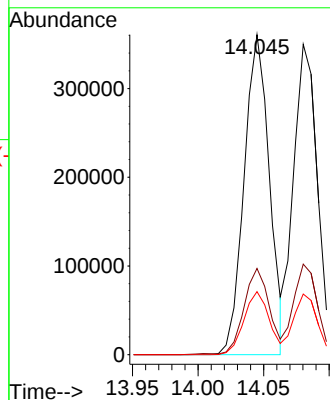
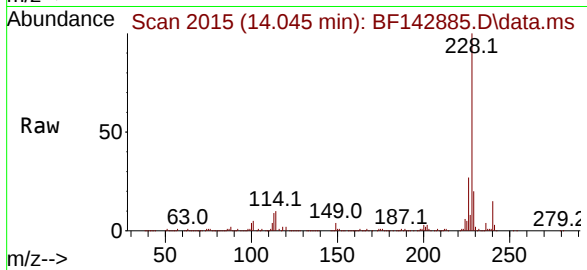
Tgt Ion:228 Resp: 484352

Ion Ratio Lower Upper

228 100

226 26.9 21.2 31.8

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 22.827 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

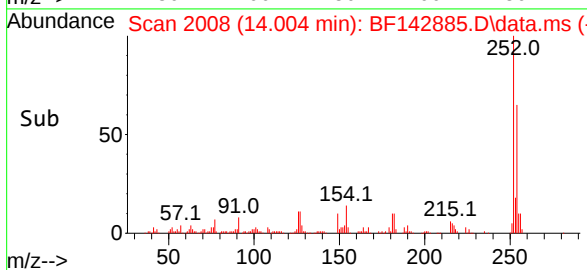
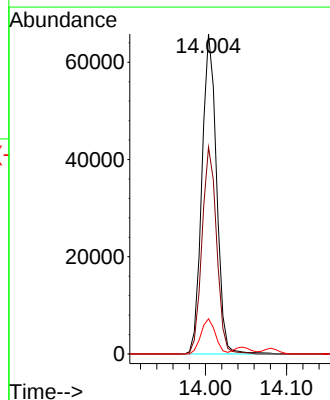
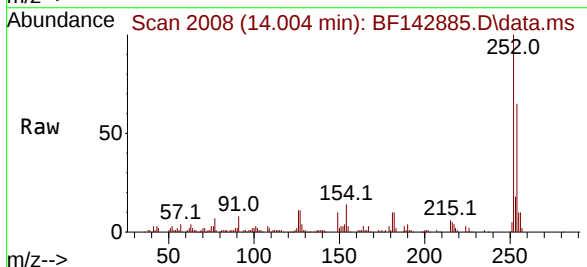
Tgt Ion:252 Resp: 82353

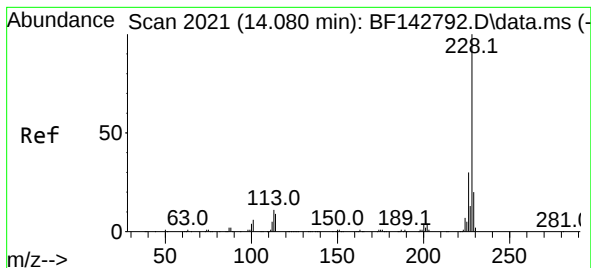
Ion Ratio Lower Upper

252 100

254 64.7 51.7 77.5

126 11.0 9.4 14.2





#83

Chrysene

Concen: 44.480 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

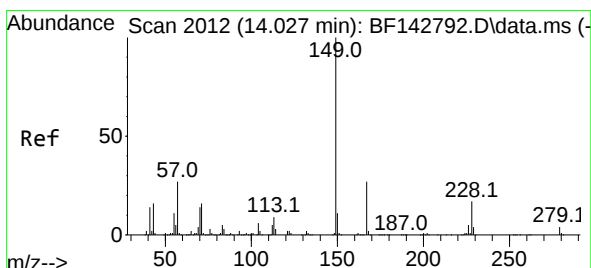
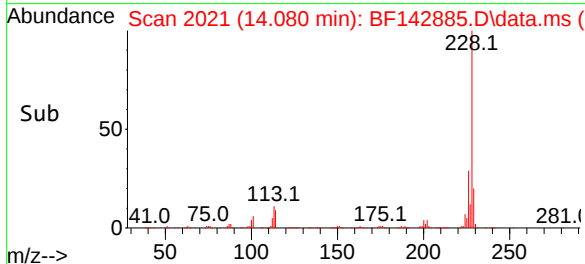
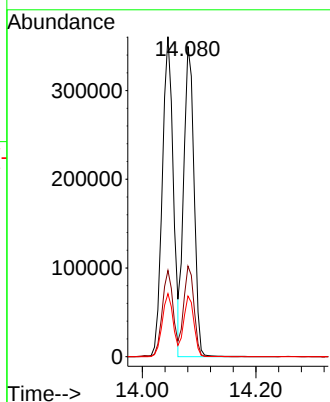
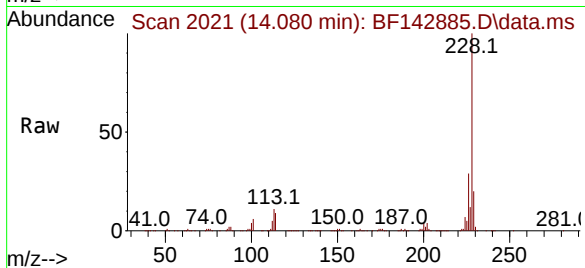
Tgt Ion:228 Resp: 441455

Ion Ratio Lower Upper

228 100

226 29.2 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.165 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

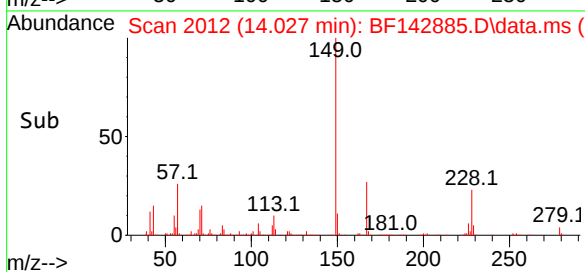
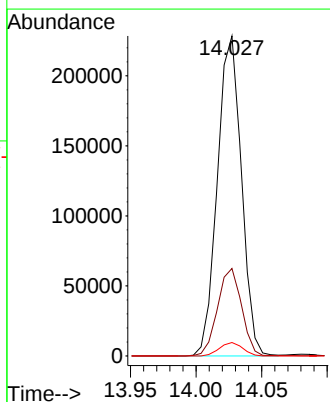
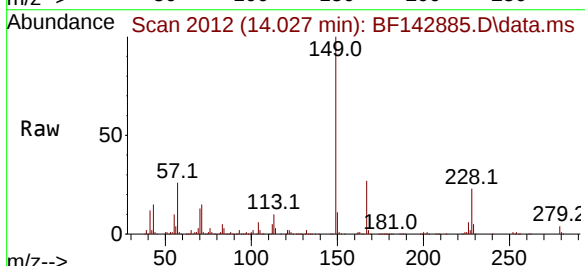
Tgt Ion:149 Resp: 291308

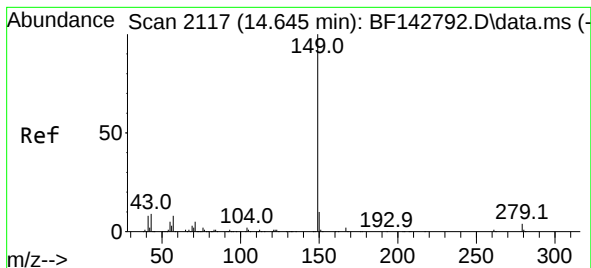
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 40.921 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

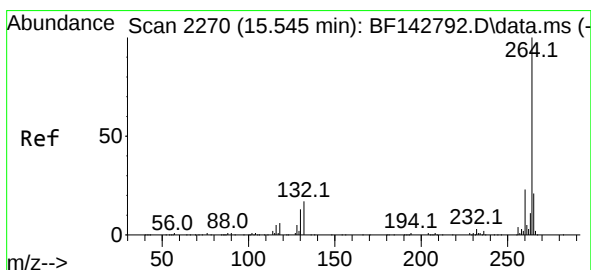
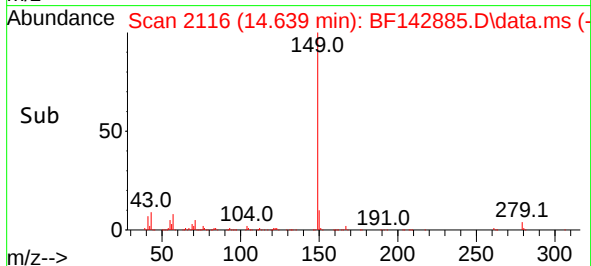
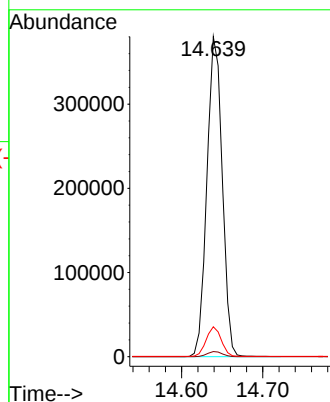
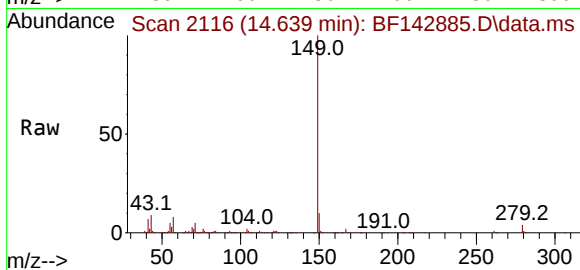
Tgt Ion:149 Resp: 497681

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.1 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: BF142885.D

Acq: 27 Jun 2025 11:19

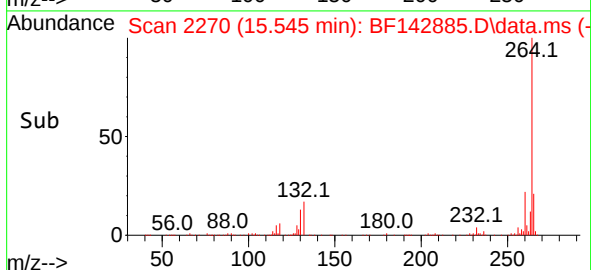
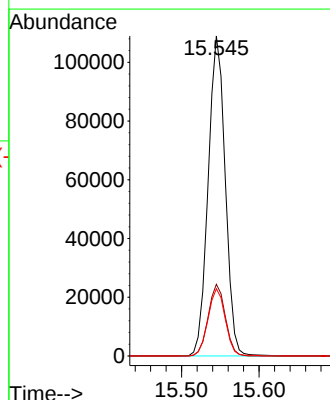
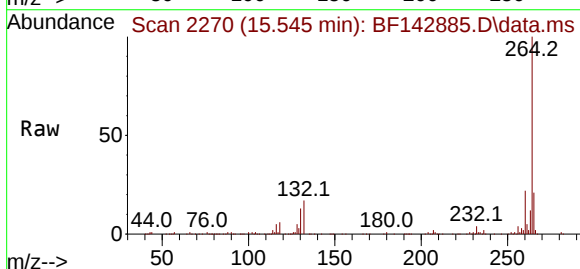
Tgt Ion:264 Resp: 166752

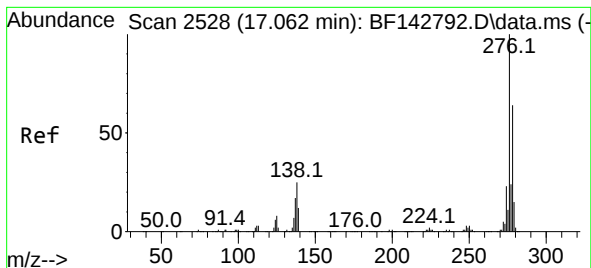
Ion Ratio Lower Upper

264 100

260 22.4 18.1 27.1

265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.719 ng

RT: 17.062 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

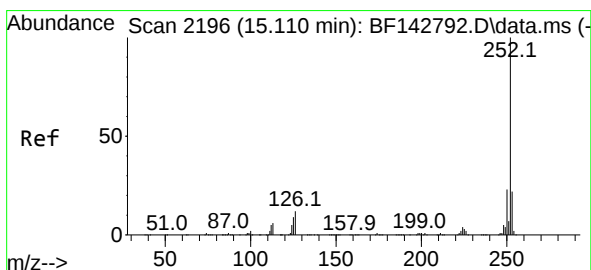
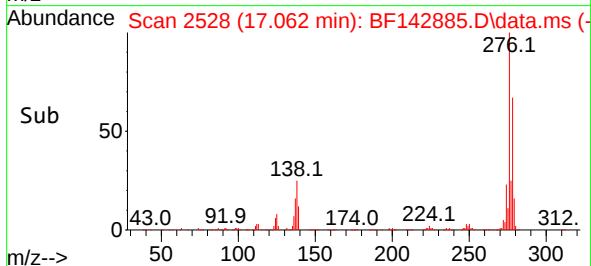
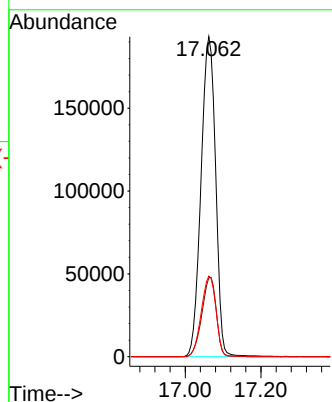
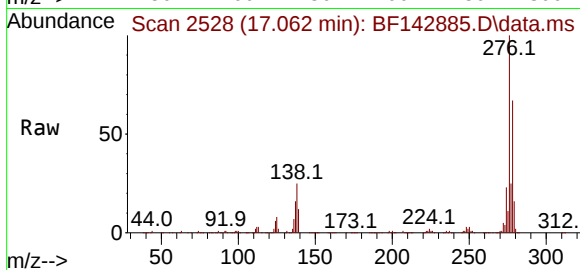
Tgt Ion:276 Resp: 517185

Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.4

277 25.3 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 45.683 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

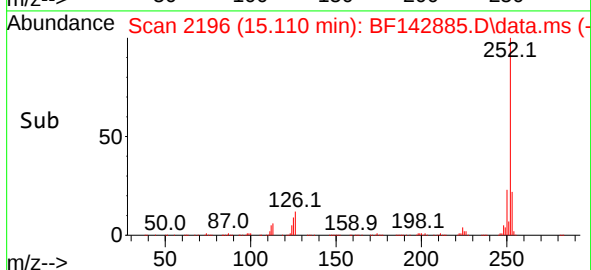
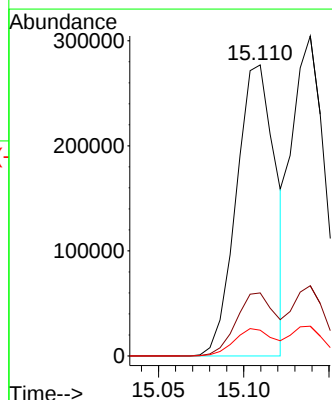
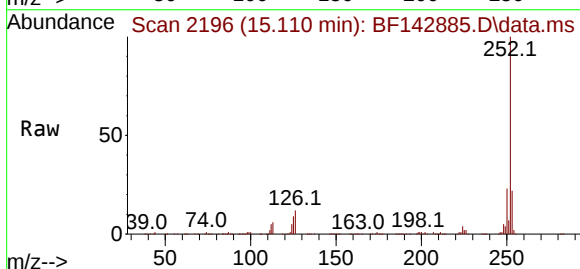
Tgt Ion:252 Resp: 440795

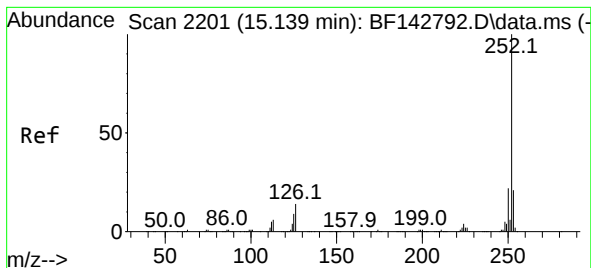
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.447 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

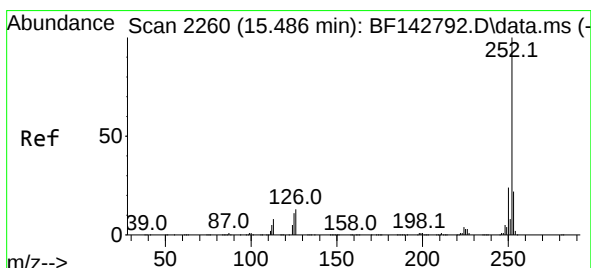
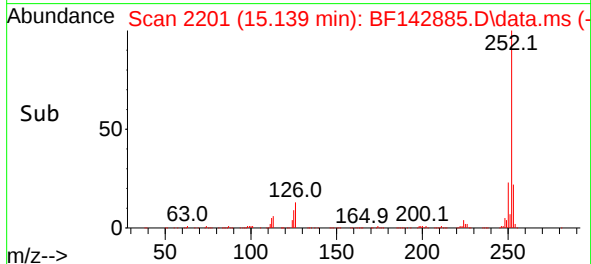
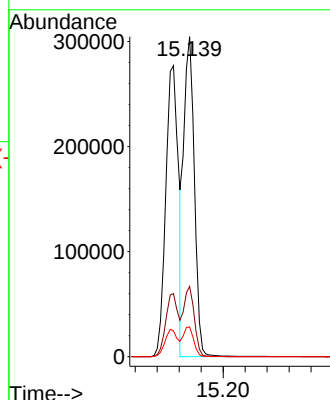
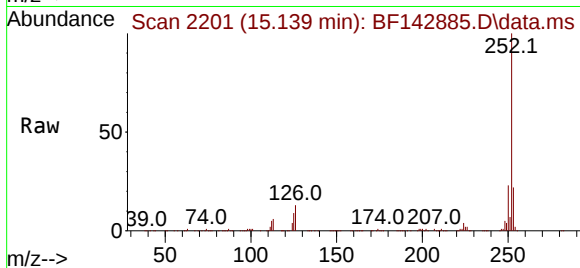
Tgt Ion:252 Resp: 410271

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 44.782 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

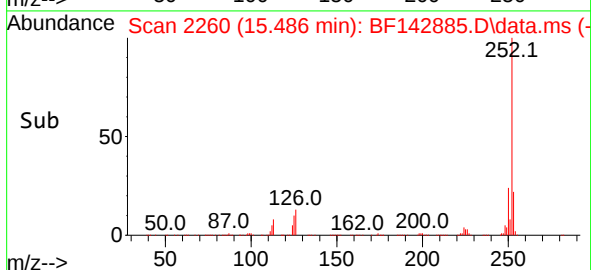
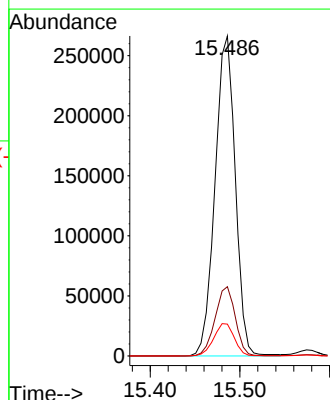
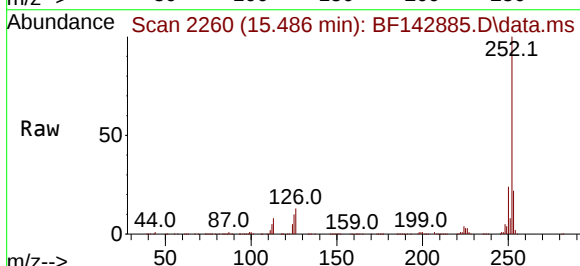
Tgt Ion:252 Resp: 417438

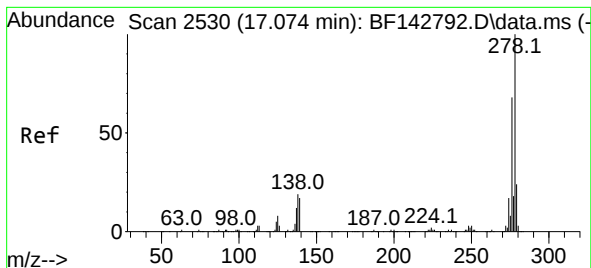
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 40.450 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

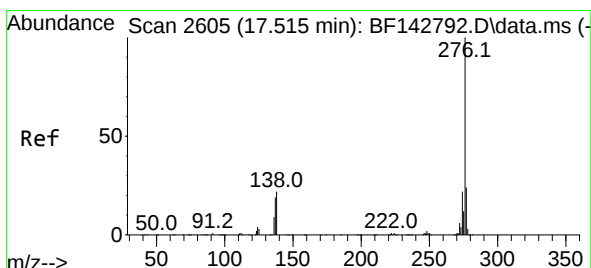
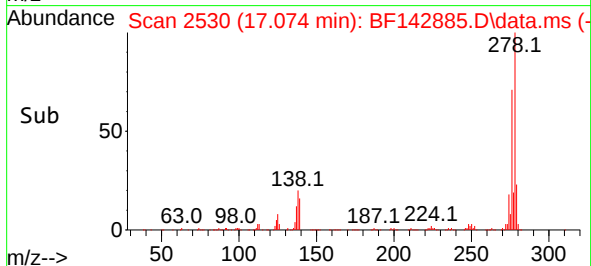
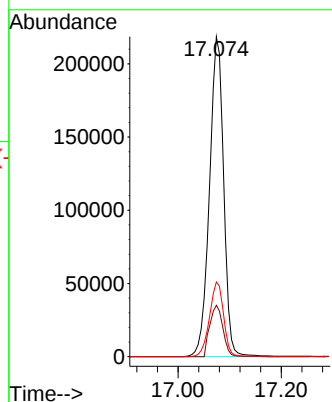
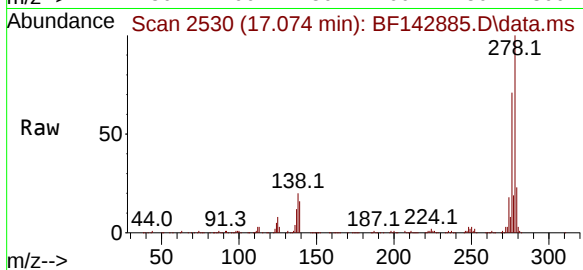
Tgt Ion:278 Resp: 417444

Ion Ratio Lower Upper

278 100

139 16.0 13.5 20.3

279 23.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 40.736 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Tgt Ion:276 Resp: 419208

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 20.3 17.6 26.4

