

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142946.D
 Acq On : 01 Jul 2025 13:19
 Operator : RC/JU
 Sample : PB168646BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168646BS

Quant Time: Jul 01 13:46:04 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	67195	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	250132	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	129120	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	199440	20.000	ng	0.00
76) Chrysene-d12	14.051	240	128292	20.000	ng	0.00
86) Perylene-d12	15.539	264	150113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	480935	119.164	ng	0.01
7) Phenol-d6	6.510	99	563637	118.371	ng	0.00
23) Nitrobenzene-d5	7.439	82	348776	76.482	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	161005	121.172	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	759567	77.279	ng	-0.01
79) Terphenyl-d14	12.992	244	635911	68.487	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	54706	33.889	ng	99
3) Pyridine	3.469	79	148221	36.626	ng	97
4) n-Nitrosodimethylamine	3.422	42	82942	39.633	ng	98
6) Aniline	6.533	93	202123	31.902	ng	# 73
8) 2-Chlorophenol	6.657	128	184372	42.349	ng	98
9) Benzaldehyde	6.428	77	100724	35.655	ng	100
10) Phenol	6.522	94	213181	40.277	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	156812	41.453	ng	97
12) 1,3-Dichlorobenzene	6.816	146	200175	41.112	ng	100
13) 1,4-Dichlorobenzene	6.892	146	202702	41.263	ng	99
14) 1,2-Dichlorobenzene	7.045	146	193668	41.565	ng	100
15) Benzyl Alcohol	7.016	79	143408	41.660	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	233846	38.476	ng	87
17) 2-Methylphenol	7.128	107	137105	41.557	ng	98
18) Hexachloroethane	7.386	117	71407	41.558	ng	96
19) n-Nitroso-di-n-propyla...	7.286	70	115697	41.778	ng	97
20) 3+4-Methylphenols	7.280	107	172817	42.012	ng	94
22) Acetophenone	7.280	105	238778	43.289	ng	99
24) Nitrobenzene	7.457	77	172625	41.824	ng	97
25) Isophorone	7.698	82	307485	42.033	ng	99
26) 2-Nitrophenol	7.775	139	99426	44.221	ng	98
27) 2,4-Dimethylphenol	7.810	122	163238	41.914	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	196942	42.346	ng	99
29) 2,4-Dichlorophenol	8.016	162	149445	42.320	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	164304	42.313	ng	99
31) Naphthalene	8.180	128	516422	42.179	ng	100
32) Benzoic acid	7.933	122	83676	42.154	ng	96
33) 4-Chloroaniline	8.227	127	115484	23.197	ng	99
34) Hexachlorobutadiene	8.292	225	102223	43.038	ng	99
35) Caprolactam	8.598	113	29524	31.684	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	148317	42.261	ng	100
37) 2-Methylnaphthalene	8.869	142	323673	42.642	ng	99
38) 1-Methylnaphthalene	8.969	142	333191	42.403	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	165197	43.360	ng	98
41) Hexachlorocyclopentadiene	9.022	237	186545	86.282	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	105375	42.445	ng	99

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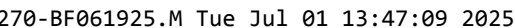
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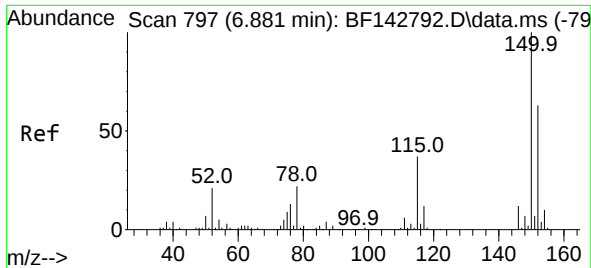
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	108242	41.418	ng	98
46) 1,1'-Biphenyl	9.339	154	440097	43.148	ng	99
47) 2-Chloronaphthalene	9.363	162	323917	42.319	ng	99
48) 2-Nitroaniline	9.457	65	90842	42.333	ng	99
49) Acenaphthylene	9.780	152	535057	42.463	ng	99
50) Dimethylphthalate	9.639	163	365867	43.774	ng	99
51) 2,6-Dinitrotoluene	9.704	165	79619	43.377	ng	96
52) Acenaphthene	9.951	154	316690	41.194	ng	100
53) 3-Nitroaniline	9.869	138	54935	27.184	ng	97
54) 2,4-Dinitrophenol	9.980	184	80497	87.586	ng	100
55) Dibenzofuran	10.121	168	470678	42.695	ng	100
56) 4-Nitrophenol	10.039	139	108509	78.430	ng	98
57) 2,4-Dinitrotoluene	10.110	165	105940	43.452	ng	95
58) Fluorene	10.468	166	367730	42.711	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	87172	41.381	ng	96
60) Diethylphthalate	10.333	149	353989	43.196	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	178346	43.410	ng	99
62) 4-Nitroaniline	10.486	138	76417	41.346	ng	97
63) Azobenzene	10.616	77	304060	41.514	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	54851	45.469	ng	96
66) n-Nitrosodiphenylamine	10.574	169	311246	45.029	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	104496	46.037	ng	97
68) Hexachlorobenzene	11.015	284	114996	45.595	ng	99
69) Atrazine	11.104	200	89246	50.000	ng	99
70) Pentachlorophenol	11.210	266	109176	86.869	ng	99
71) Phenanthrene	11.427	178	479793	44.410	ng	100
72) Anthracene	11.480	178	496574	44.817	ng	100
73) Carbazole	11.639	167	419523	43.875	ng	100
74) Di-n-butylphthalate	11.963	149	483669	48.557	ng	99
75) Fluoranthene	12.621	202	448592	43.751	ng	100
77) Benzidine	12.739	184	208638	43.285	ng	100
78) Pyrene	12.851	202	453430	37.706	ng	100
80) Butylbenzylphthalate	13.462	149	172196	49.365	ng	96
81) Benzo(a)anthracene	14.039	228	374823	43.309	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	68498	24.401	ng	99
83) Chrysene	14.074	228	348834	45.170	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	257850	51.377	ng	100
85) Di-n-octyl phthalate	14.633	149	459532	48.558	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	471534	41.240	ng	98
88) Benzo(b)fluoranthene	15.103	252	381700	43.943	ng	100
89) Benzo(k)fluoranthene	15.133	252	390823	48.092	ng	99
90) Benzo(a)pyrene	15.480	252	381599	45.475	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	383480	41.278	ng	99
92) Benzo(g,h,i)perylene	17.515	276	380430	41.066	ng	97

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

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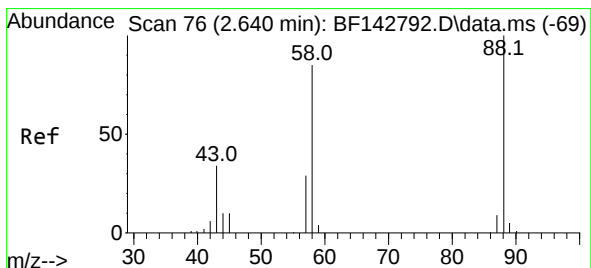
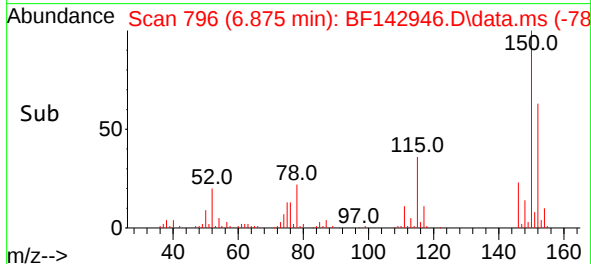
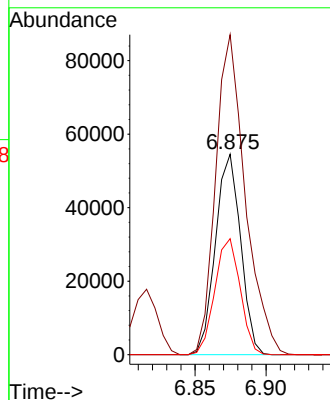
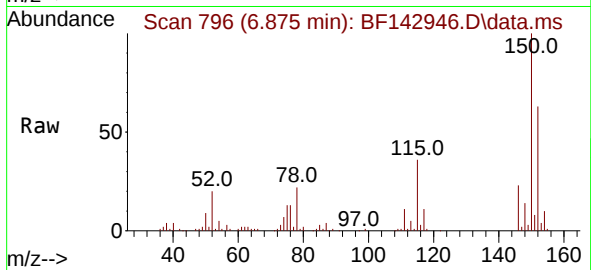




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142946.D
 Acq: 01 Jul 2025 13:19

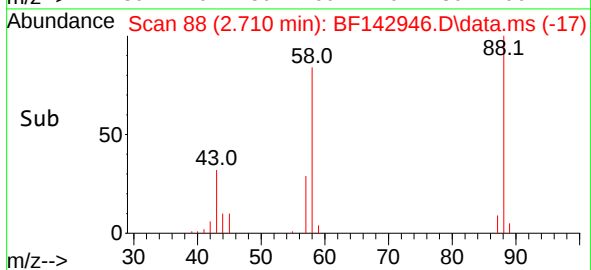
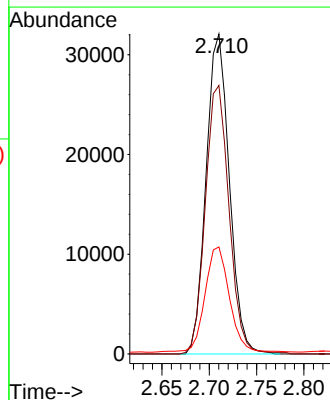
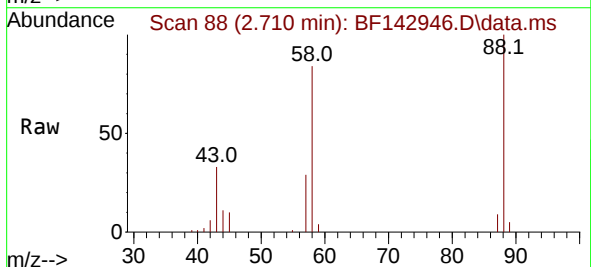
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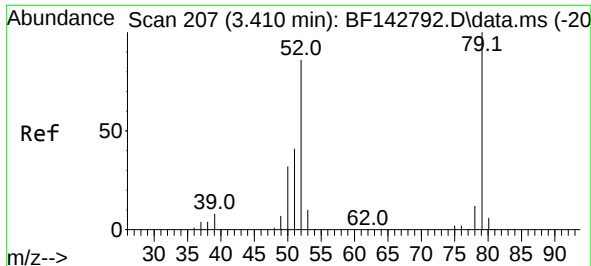
Tgt Ion:152 Resp: 67195
 Ion Ratio Lower Upper
 152 100
 150 159.6 127.2 190.8
 115 57.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 33.889 ng
 RT: 2.710 min Scan# 88
 Delta R.T. 0.070 min
 Lab File: BF142946.D
 Acq: 01 Jul 2025 13:19

Tgt Ion: 88 Resp: 54706
 Ion Ratio Lower Upper
 88 100
 58 85.9 69.1 103.7
 43 34.7 27.4 41.2

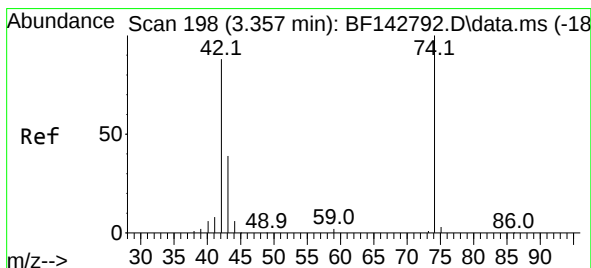
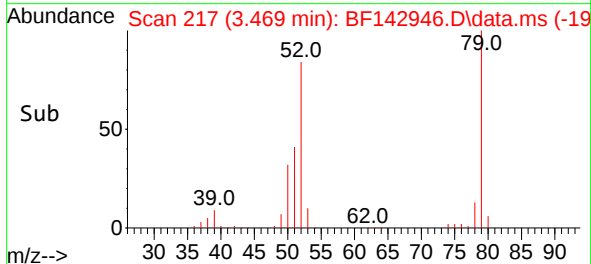
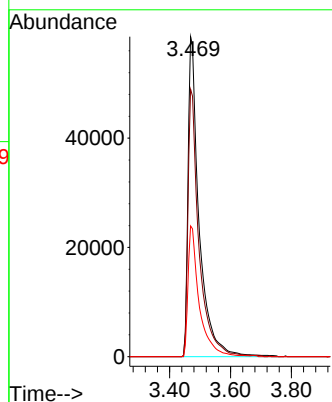
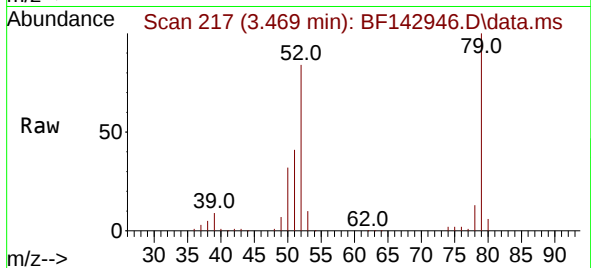




#3
Pyridine
Concen: 36.626 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

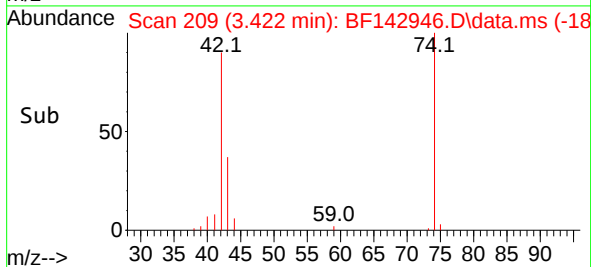
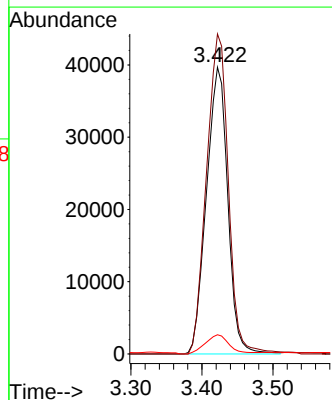
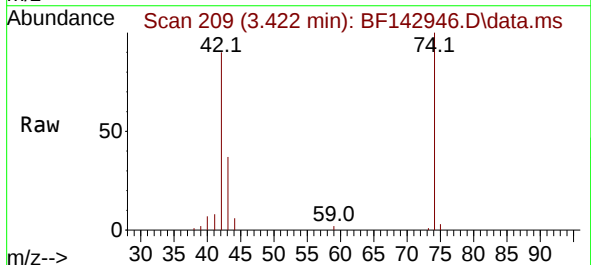
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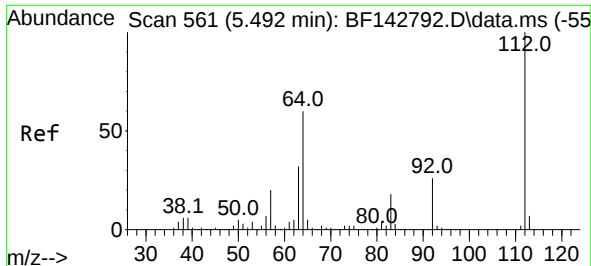
Tgt Ion: 79 Resp: 148221
Ion Ratio Lower Upper
79 100
52 83.5 69.2 103.8
51 40.8 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 39.633 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion: 42 Resp: 82942
Ion Ratio Lower Upper
42 100
74 111.6 90.9 136.3
44 6.7 5.8 8.6

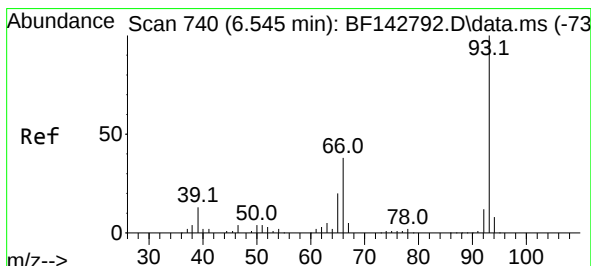
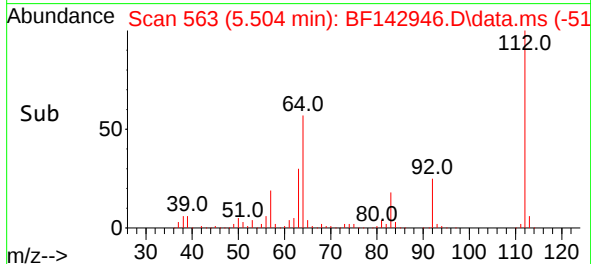
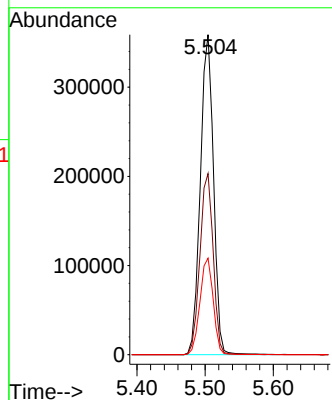
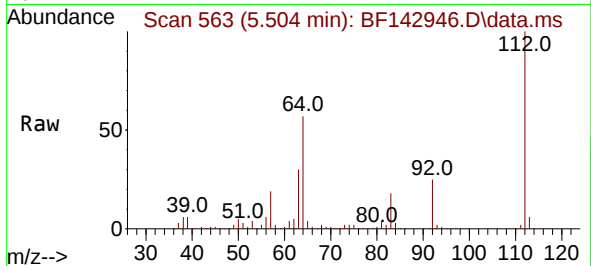




#5
2-Fluorophenol
Concen: 119.164 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

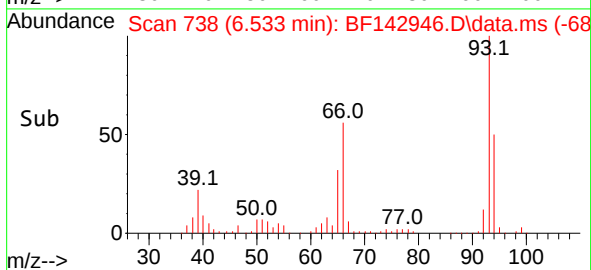
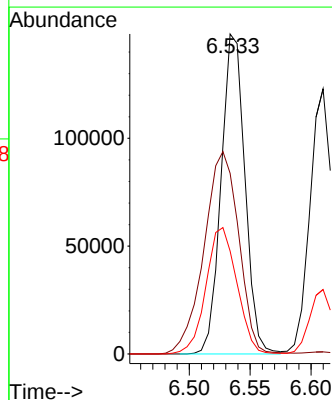
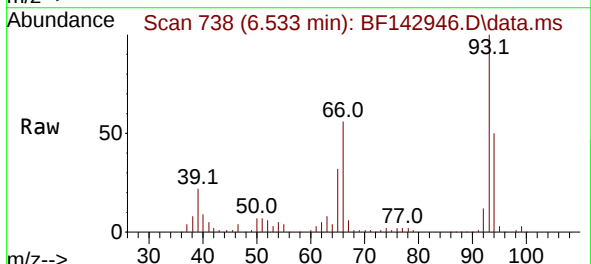
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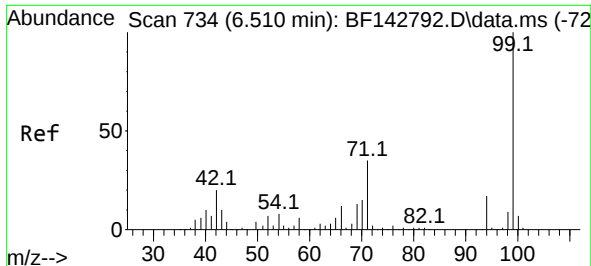
Tgt Ion:112 Resp: 480935
Ion Ratio Lower Upper
112 100
64 56.6 48.2 72.2
63 30.2 25.7 38.5



#6
Aniline
Concen: 31.902 ng
RT: 6.533 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion: 93 Resp: 202123
Ion Ratio Lower Upper
93 100
66 56.4 31.8 47.6#
65 32.1 16.2 24.2#

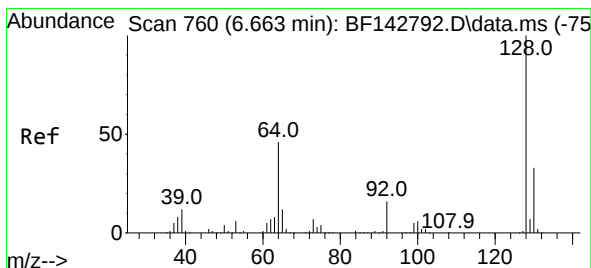
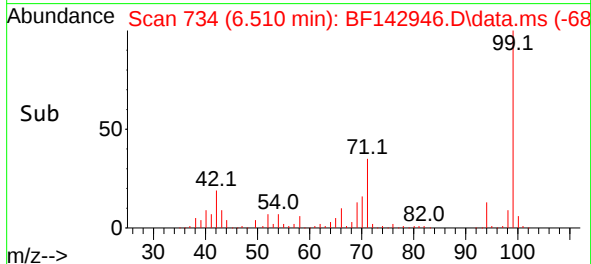
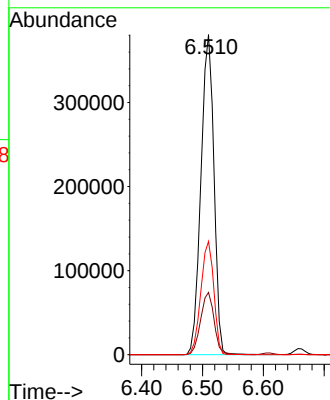
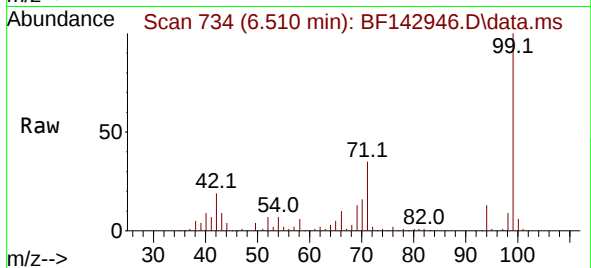




#7
Phenol-d6
Concen: 118.371 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

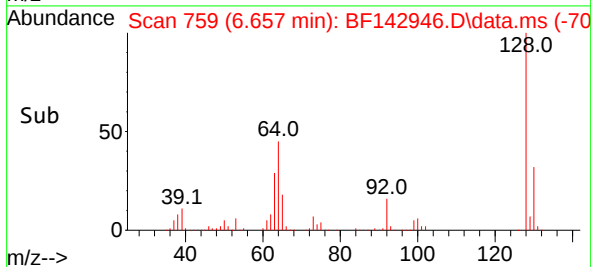
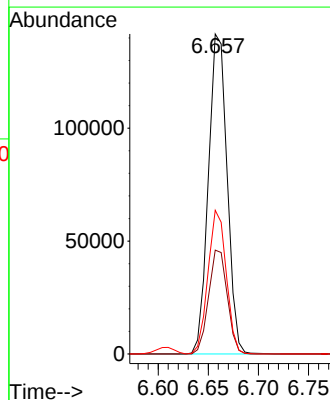
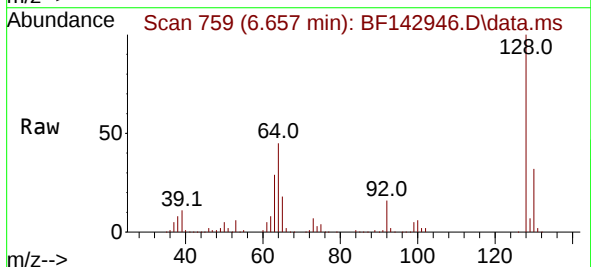
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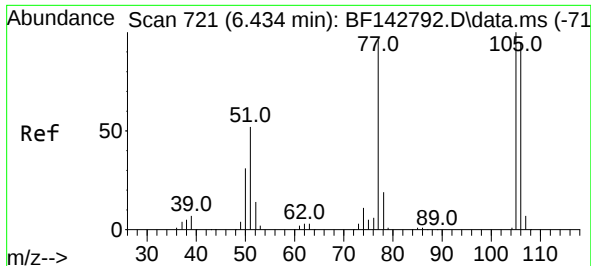
Tgt Ion: 99 Resp: 563637
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 35.4 27.8 41.8



#8
2-Chlorophenol
Concen: 42.349 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion: 128 Resp: 184372
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 44.9 26.5 66.5

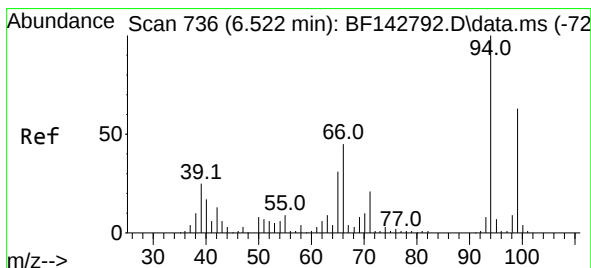
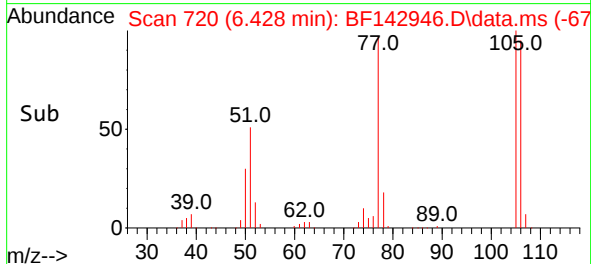
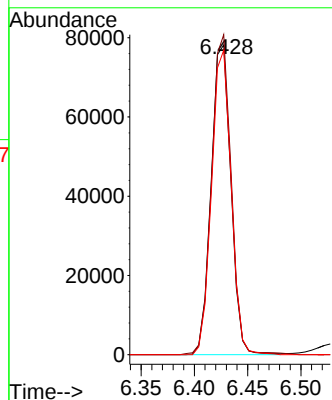
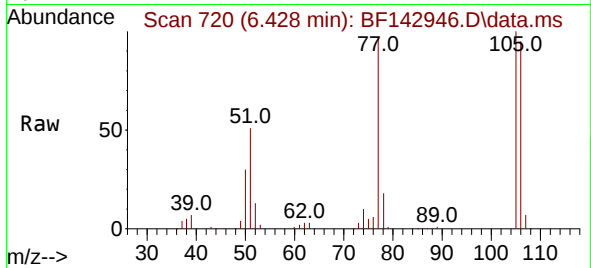




#9
Benzaldehyde
Concen: 35.655 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142946.D
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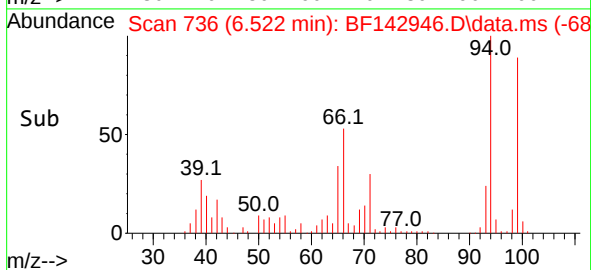
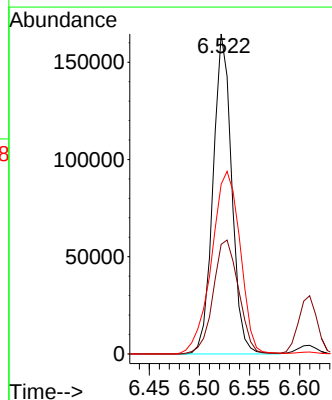
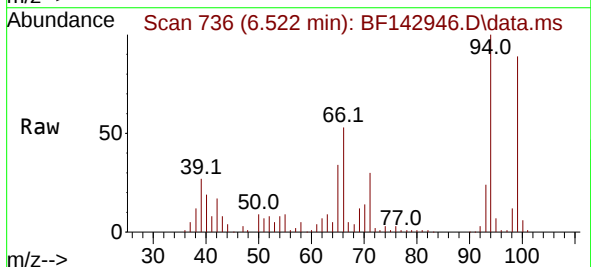
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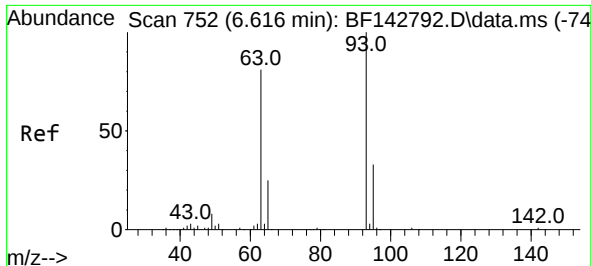
Tgt Ion: 77 Resp: 100724
Ion Ratio Lower Upper
77 100
105 103.3 83.8 123.8
106 98.3 78.7 118.7



#10
Phenol
Concen: 40.277 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion: 94 Resp: 213181
Ion Ratio Lower Upper
94 100
65 34.2 11.3 51.3
66 53.0 24.9 64.9

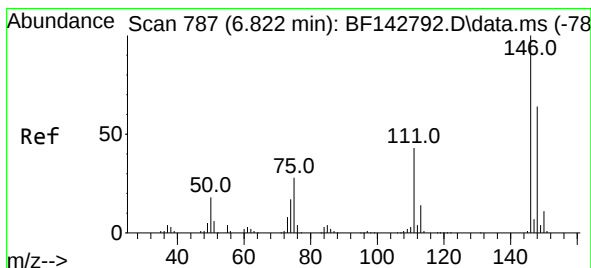
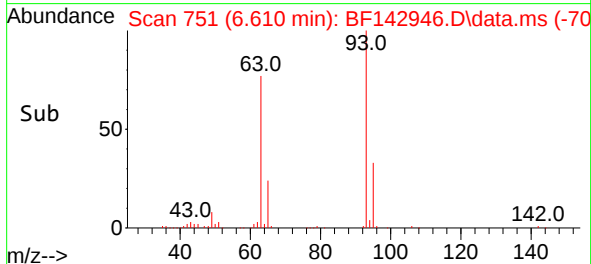
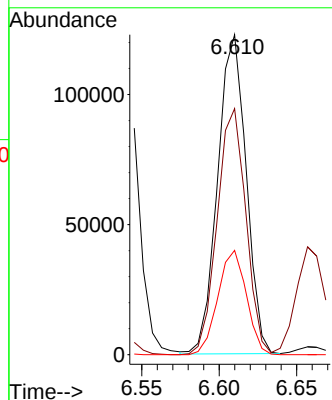
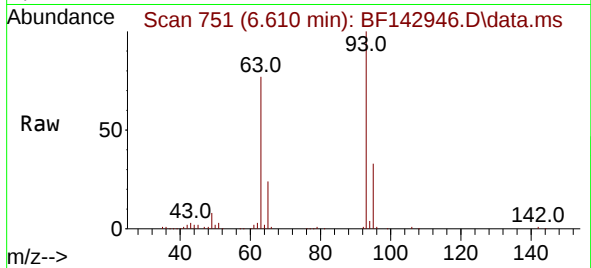




#11
bis(2-Chloroethyl)ether
Concen: 41.453 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

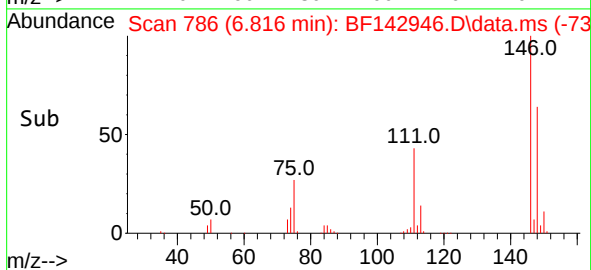
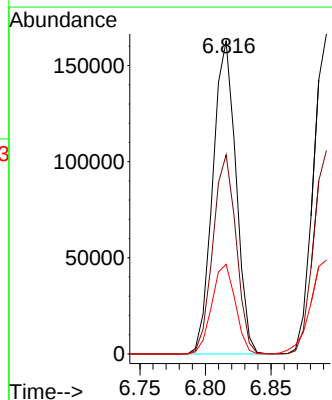
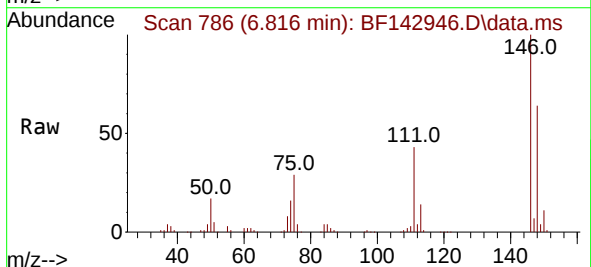
Instrument :
BNA_F
ClientSampleId :
PB168646BS

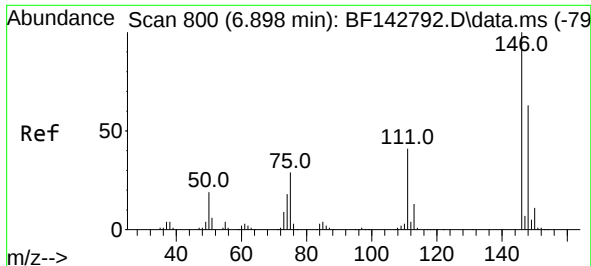
Tgt Ion: 93 Resp: 156812
Ion Ratio Lower Upper
93 100
63 76.9 60.3 100.3
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.112 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:146 Resp: 200175
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
75 28.6 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 41.263 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

Instrument :

BNA_F

ClientSampleId :

PB168646BS

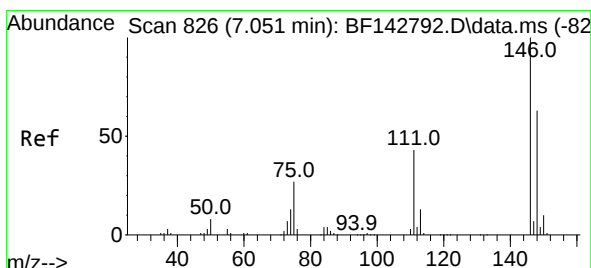
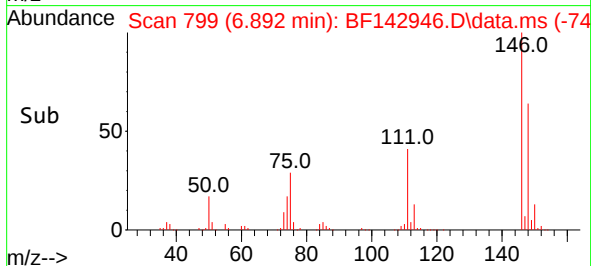
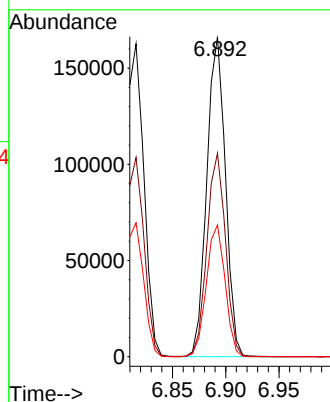
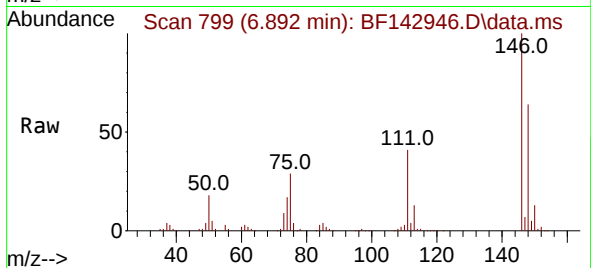
Tgt Ion:146 Resp: 202702

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 41.1 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 41.565 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

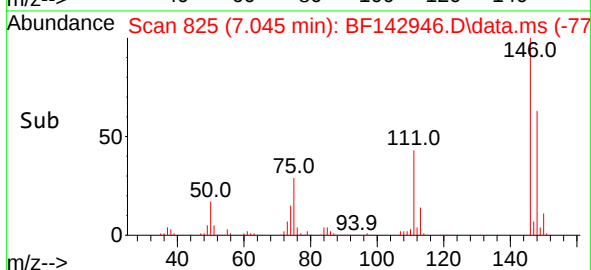
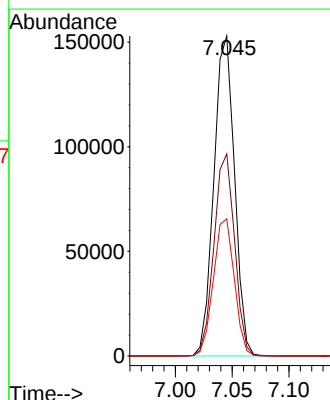
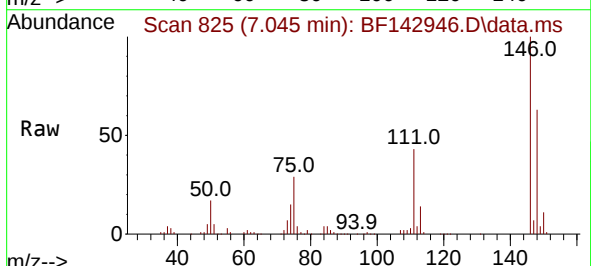
Tgt Ion:146 Resp: 193668

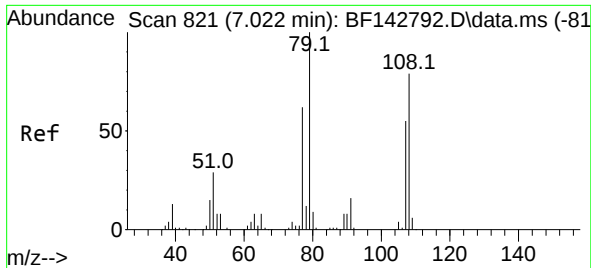
Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

111 42.9 34.1 51.1

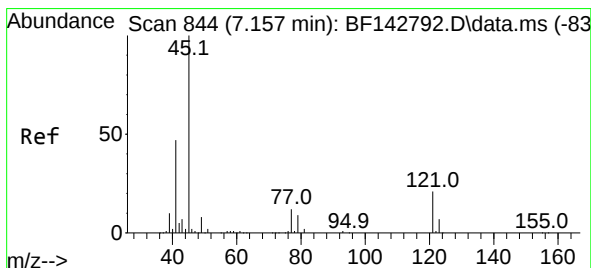
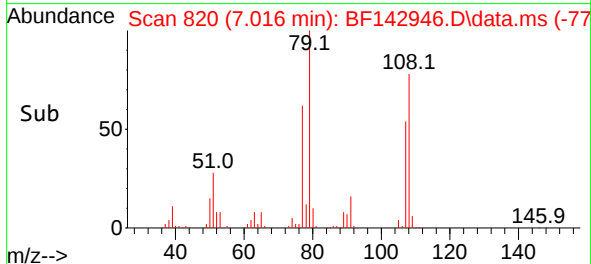
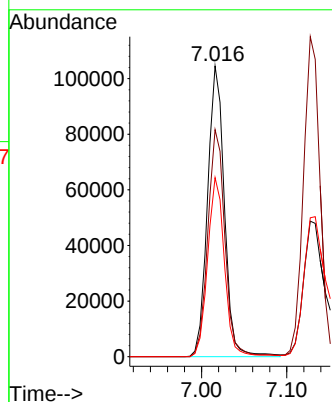
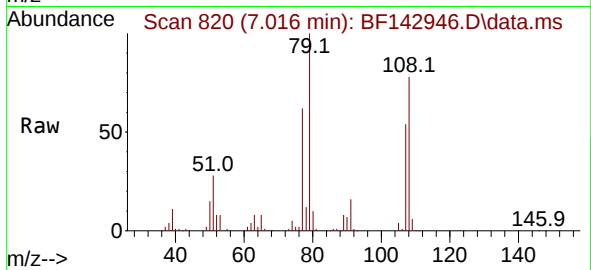




#15
Benzyl Alcohol
Concen: 41.660 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

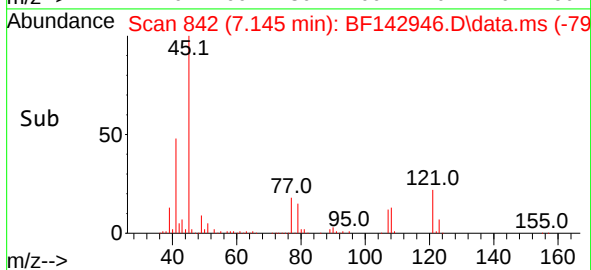
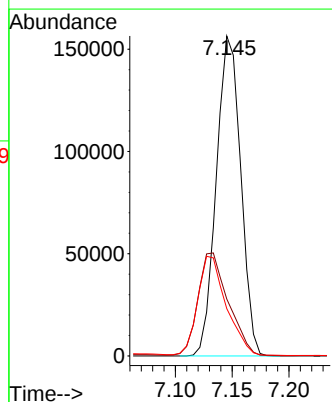
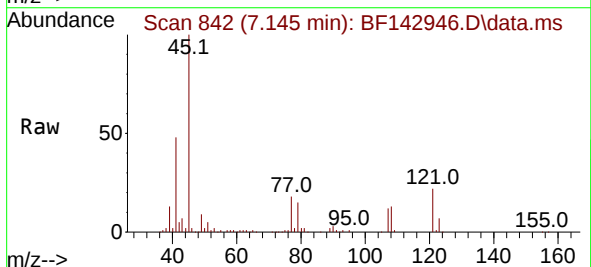
Instrument :
BNA_F
ClientSampleId :
PB168646BS

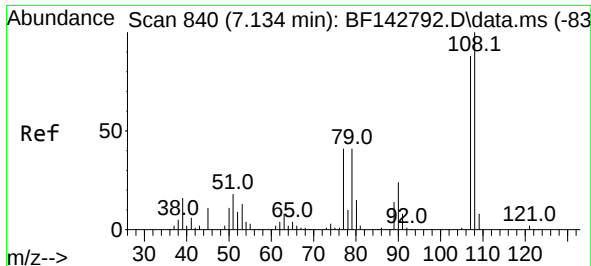
Tgt Ion: 79 Resp: 143408
Ion Ratio Lower Upper
79 100
108 78.1 63.4 95.0
77 61.6 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.476 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion: 45 Resp: 233846
Ion Ratio Lower Upper
45 100
77 17.8 0.0 32.8
79 14.8 0.0 29.8

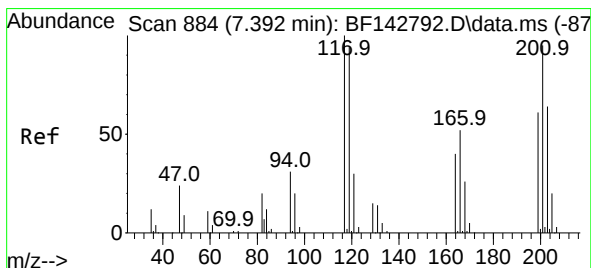
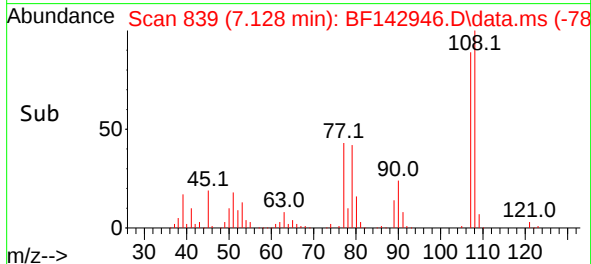
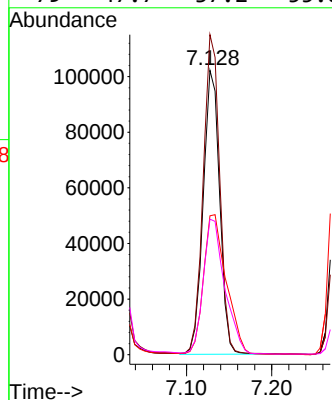
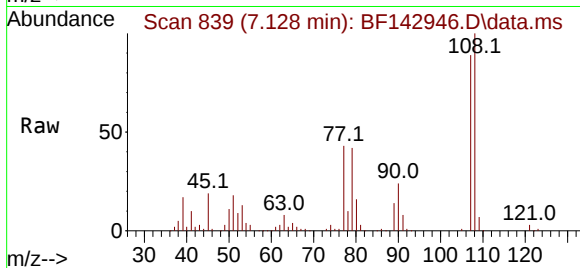




#17
2-Methylphenol
Concen: 41.557 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

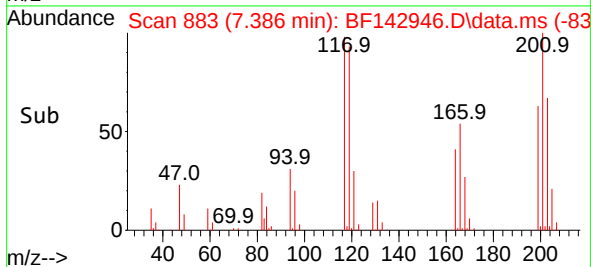
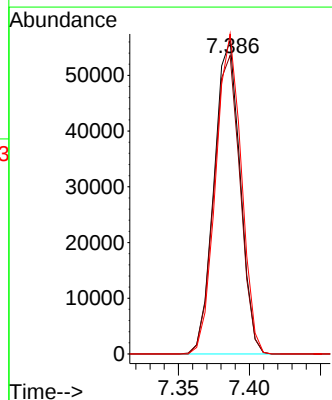
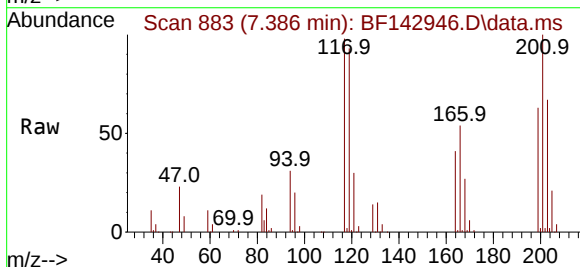
Instrument :
BNA_F
ClientSampleId :
PB168646BS

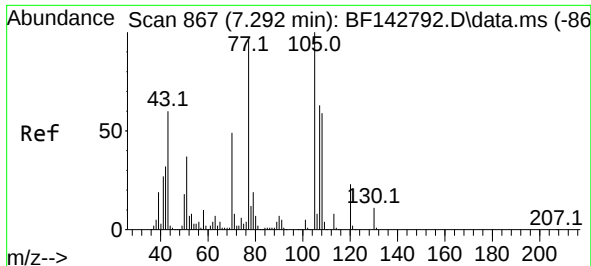
Tgt Ion:107 Resp: 137105
Ion Ratio Lower Upper
107 100
108 112.5 90.9 136.3
77 48.9 37.3 55.9
79 47.7 37.2 55.8



#18
Hexachloroethane
Concen: 41.558 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:117 Resp: 71407
Ion Ratio Lower Upper
117 100
119 95.3 75.4 113.0
201 102.1 75.9 113.9

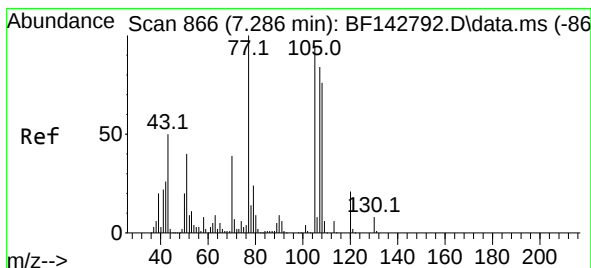
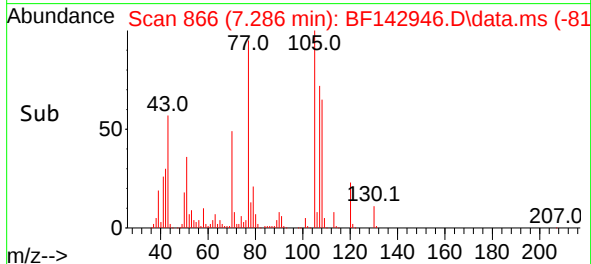
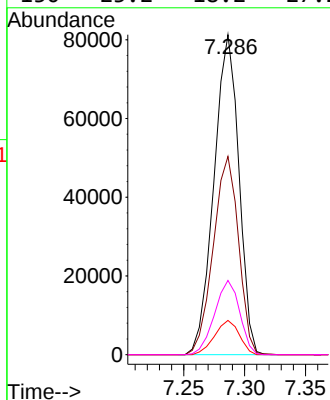
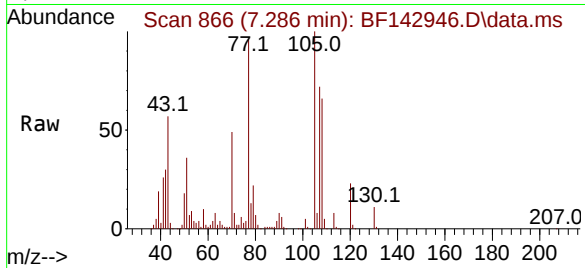




#19
n-Nitroso-di-n-propylamine
Concen: 41.778 ng
RT: 7.286 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

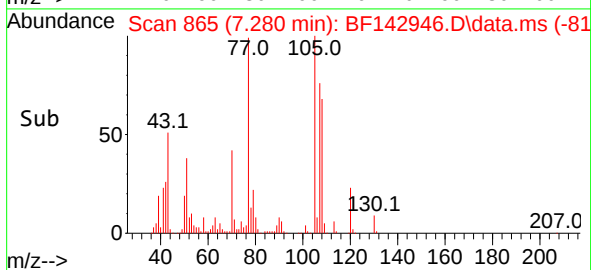
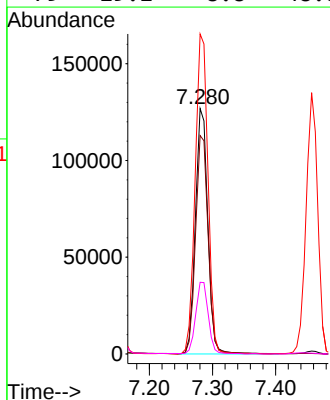
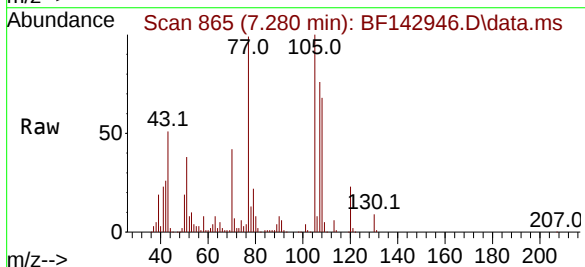
Instrument :
BNA_F
ClientSampleId :
PB168646BS

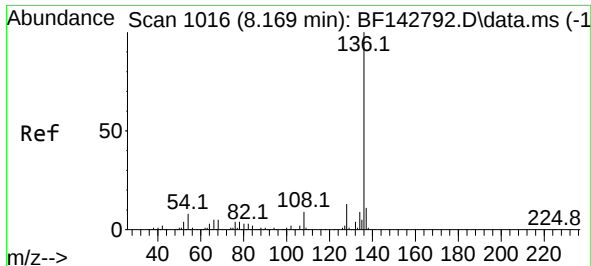
Tgt Ion: 70 Resp: 115697
Ion Ratio Lower Upper
70 100
42 61.9 52.1 78.1
101 10.7 8.2 12.2
130 23.2 18.2 27.2



#20
3+4-Methylphenols
Concen: 42.012 ng
RT: 7.280 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:107 Resp: 172817
Ion Ratio Lower Upper
107 100
108 88.9 70.0 110.0
77 130.3 98.5 138.5
79 29.2 8.8 48.8

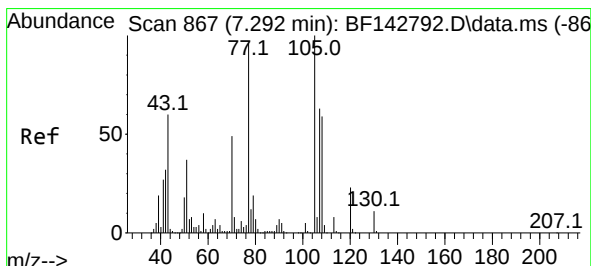
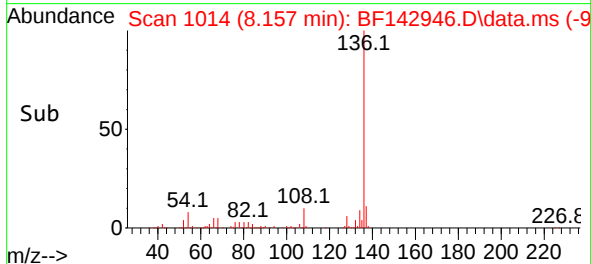
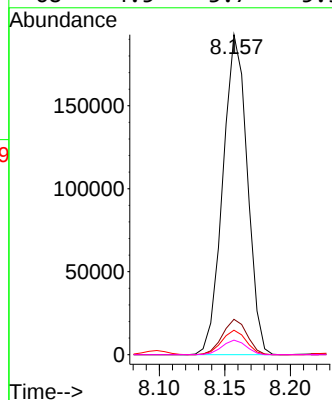
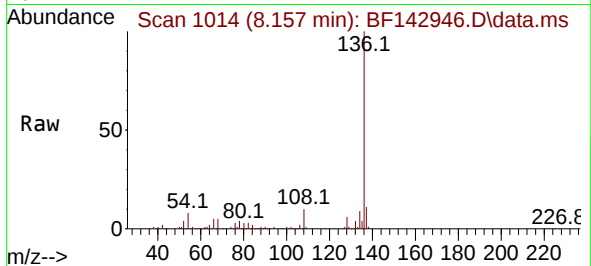




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

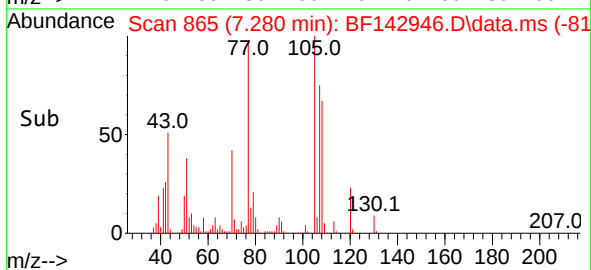
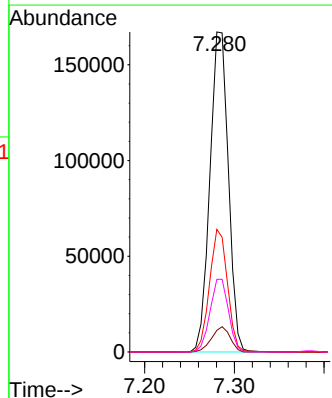
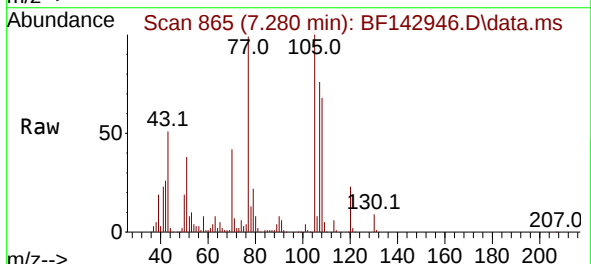
Instrument :
BNA_F
ClientSampleId :
PB168646BS

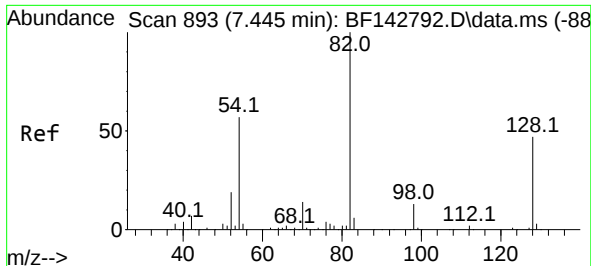
Tgt Ion:	136	Resp:	250132
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	7.6	6.3	9.5
68	4.5	3.7	5.5



#22
Acetophenone
Concen: 43.289 ng
RT: 7.280 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:	105	Resp:	238778
Ion Ratio	Lower	Upper	
105	100		
71	6.8	6.5	9.7
51	38.3	29.8	44.8
120	22.7	18.2	27.2

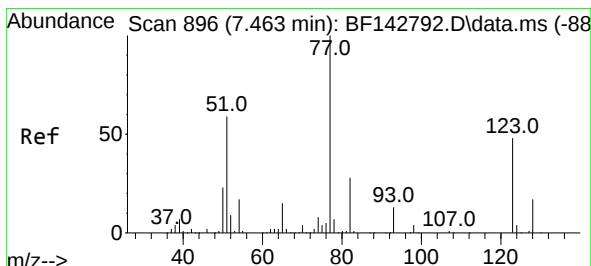
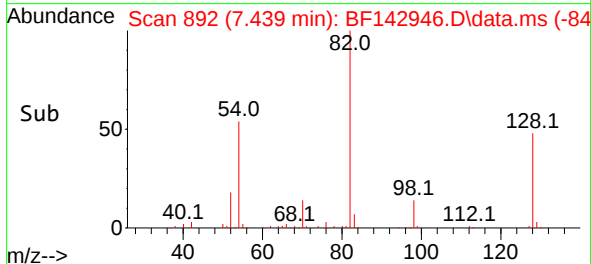
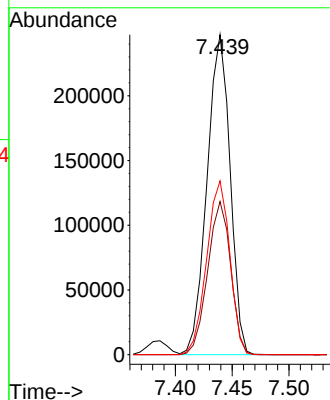
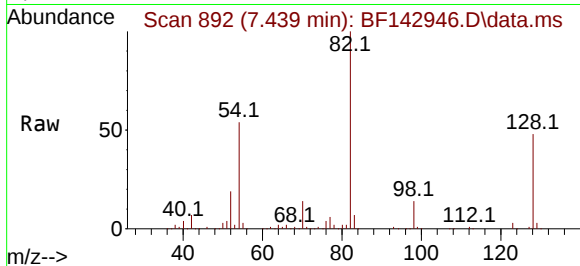




#23
Nitrobenzene-d5
Concen: 76.482 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

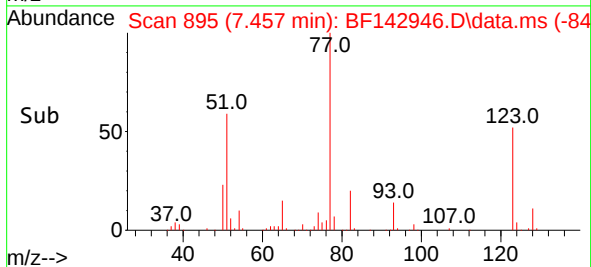
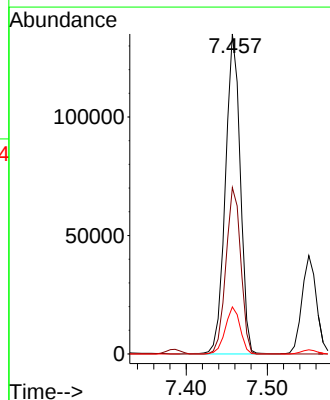
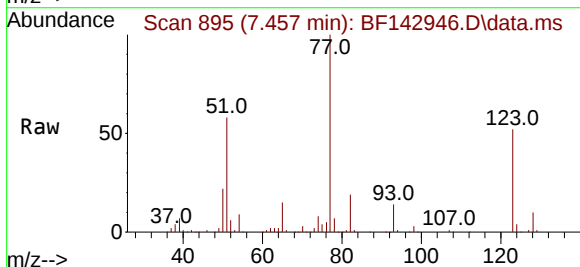
Instrument :
BNA_F
ClientSampleId :
PB168646BS

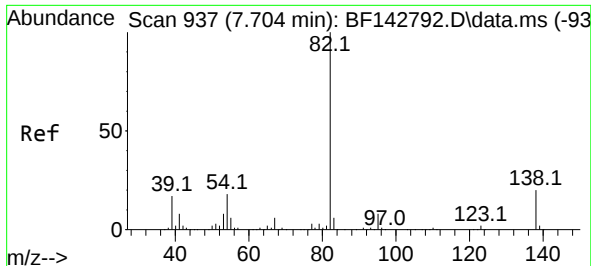
Tgt Ion: 82 Resp: 348776
Ion Ratio Lower Upper
82 100
128 47.9 37.7 56.5
54 54.3 45.7 68.5



#24
Nitrobenzene
Concen: 41.824 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion: 77 Resp: 172625
Ion Ratio Lower Upper
77 100
123 52.0 39.2 58.8
65 14.7 11.6 17.4

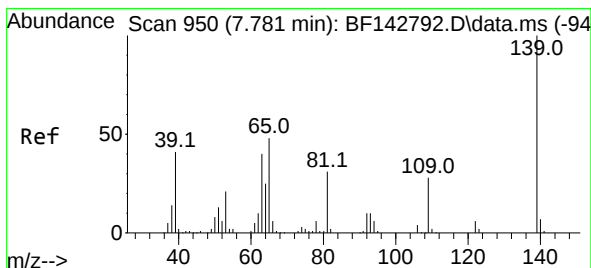
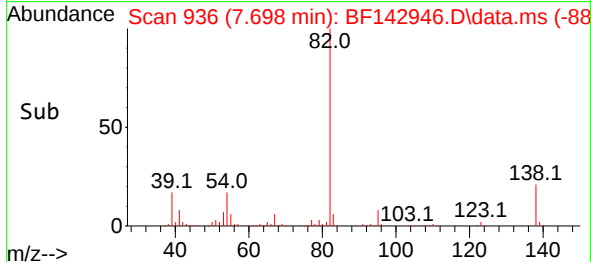
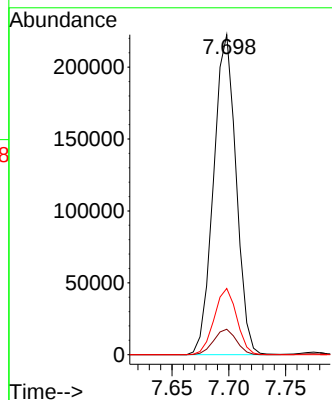
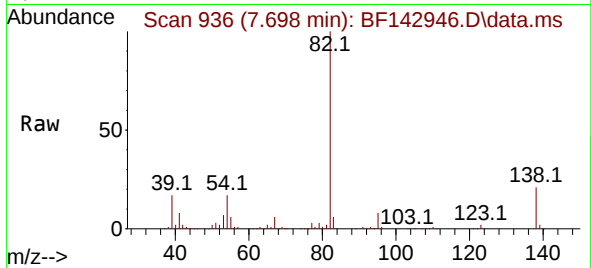




#25
Isophorone
Concen: 42.033 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

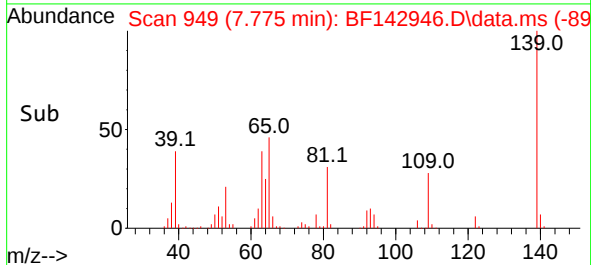
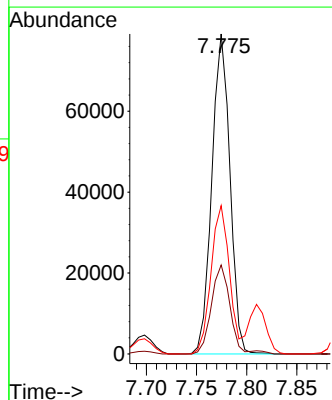
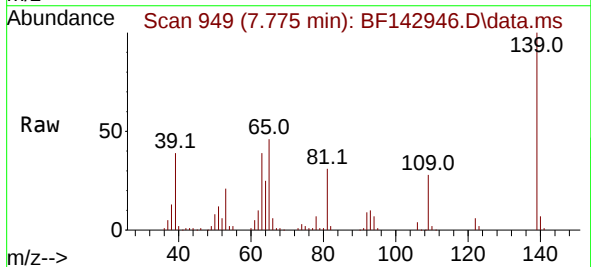
Instrument :
BNA_F
ClientSampleId :
PB168646BS

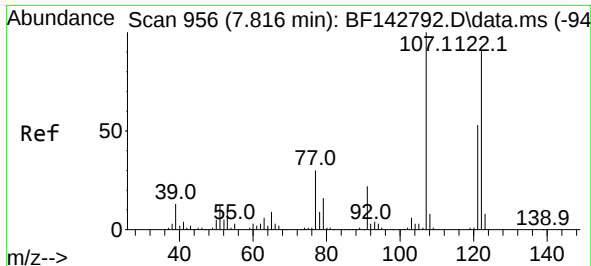
Tgt Ion: 82 Resp: 307485
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 20.7 16.2 24.4



#26
2-Nitrophenol
Concen: 44.221 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:139 Resp: 99426
Ion Ratio Lower Upper
139 100
109 27.8 22.7 34.1
65 46.3 38.6 58.0

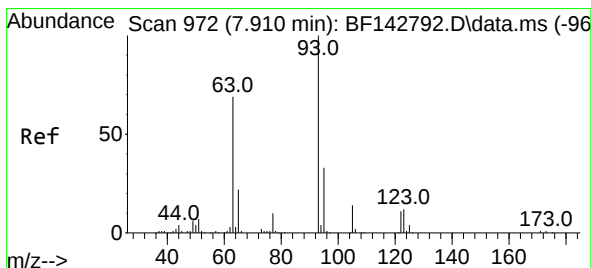
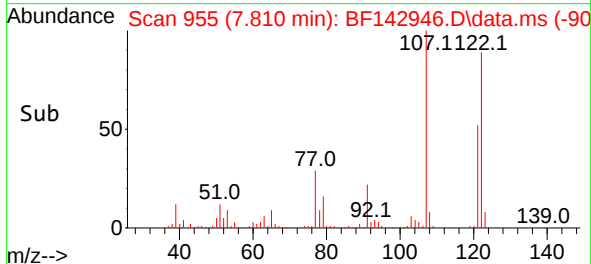
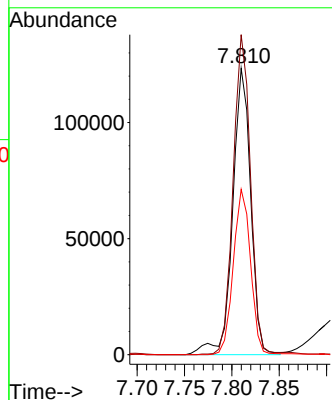
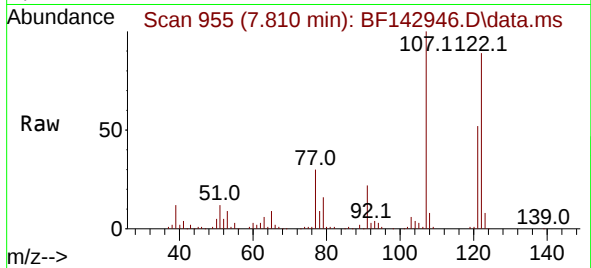




#27
2,4-Dimethylphenol
Concen: 41.914 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

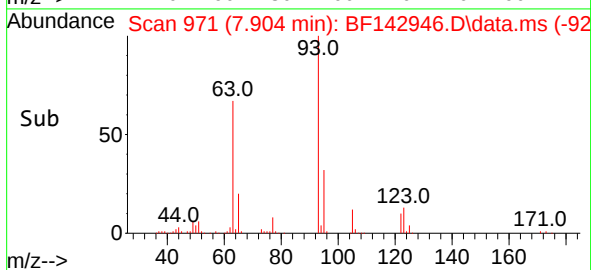
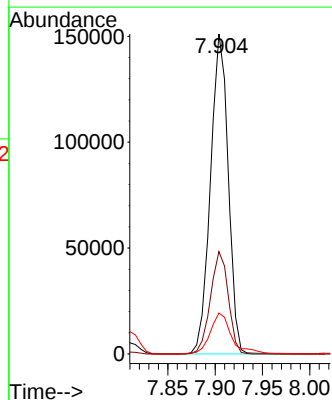
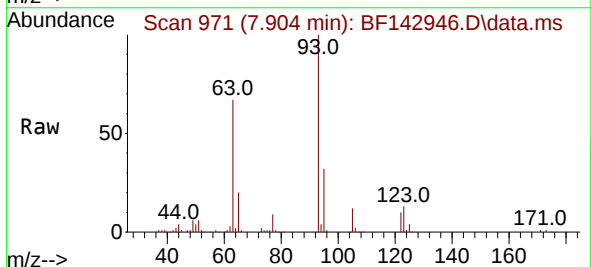
Instrument :
BNA_F
ClientSampleId :
PB168646BS

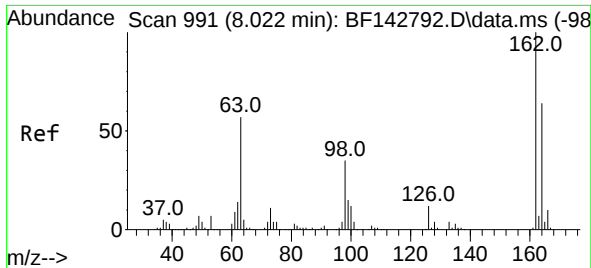
Tgt Ion:122 Resp: 163238
Ion Ratio Lower Upper
122 100
107 111.8 88.0 132.0
121 57.7 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 42.346 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

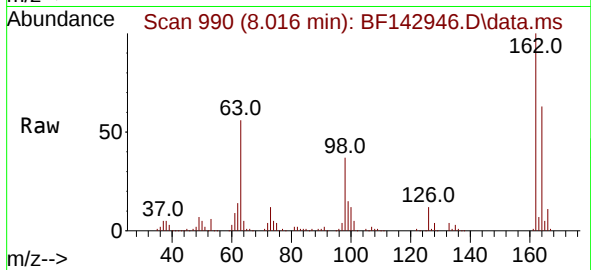
Tgt Ion: 93 Resp: 196942
Ion Ratio Lower Upper
93 100
95 32.0 26.2 39.2
123 12.8 9.9 14.9



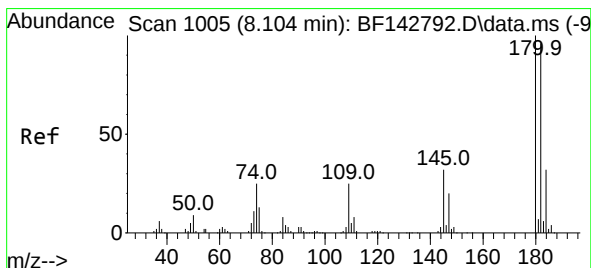
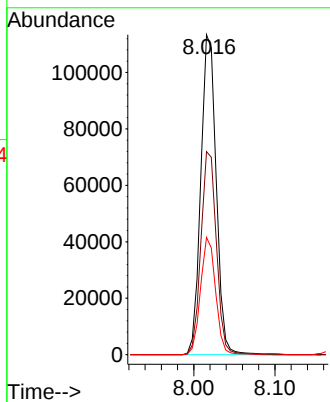
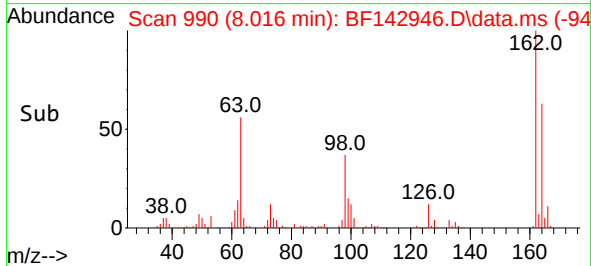


#29
2,4-Dichlorophenol
Concen: 42.320 ng
RT: 8.016 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

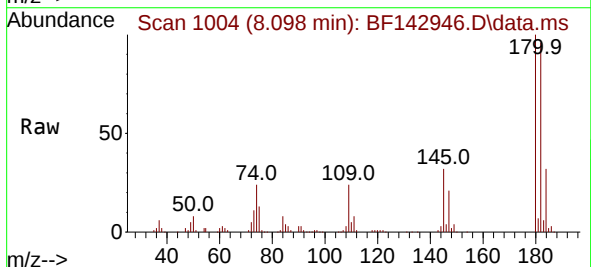
Instrument :
BNA_F
ClientSampleId :
PB168646BS



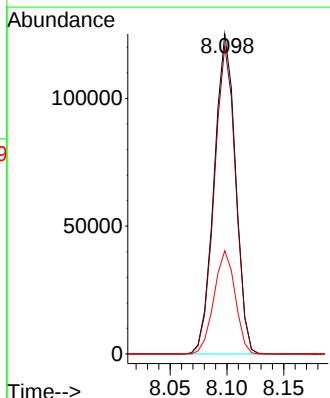
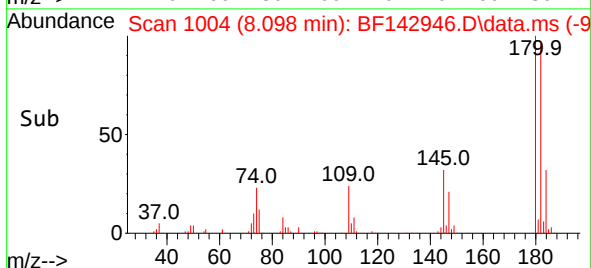
Tgt Ion:162 Resp: 149445
Ion Ratio Lower Upper
162 100
164 63.5 44.0 84.0
98 36.7 15.4 55.4

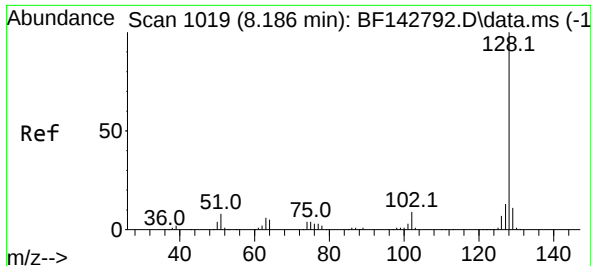


#30
1,2,4-Trichlorobenzene
Concen: 42.313 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19



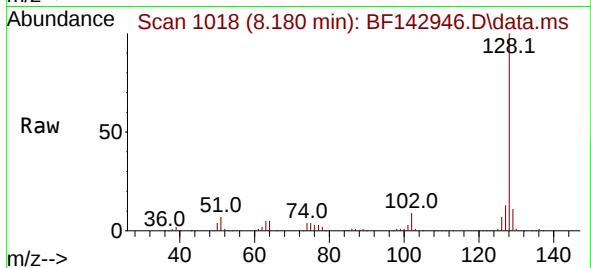
Tgt Ion:180 Resp: 164304
Ion Ratio Lower Upper
180 100
182 96.2 76.4 114.6
145 32.2 25.8 38.8



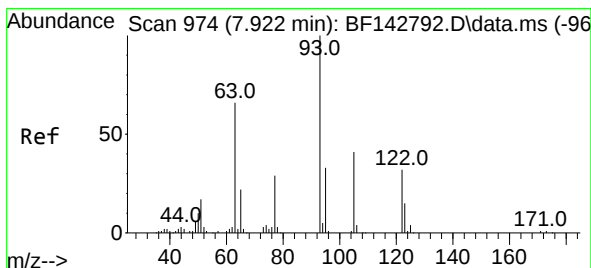
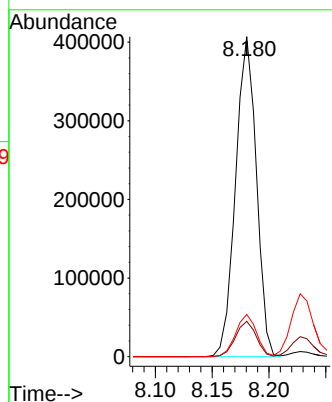
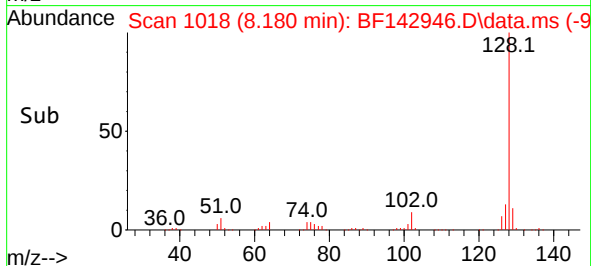


#31
Naphthalene
Concen: 42.179 ng
RT: 8.180 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Instrument :
BNA_F
ClientSampleId :
PB168646BS

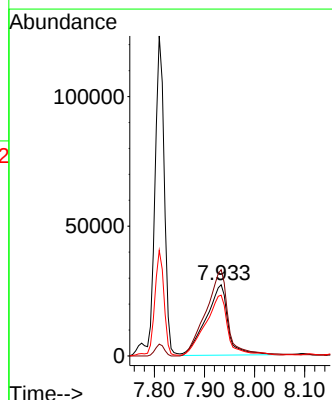
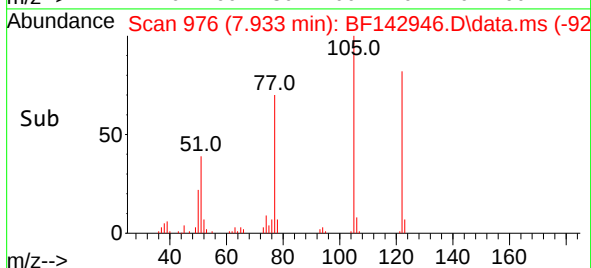
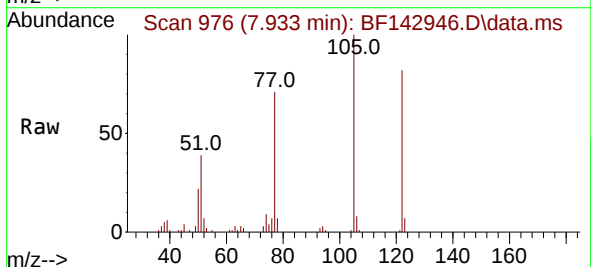


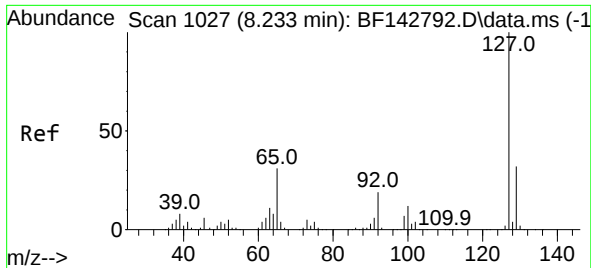
Tgt Ion:128 Resp: 516422
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 42.154 ng
RT: 7.933 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:122 Resp: 83676
Ion Ratio Lower Upper
122 100
105 121.2 104.7 144.7
77 85.5 70.2 110.2

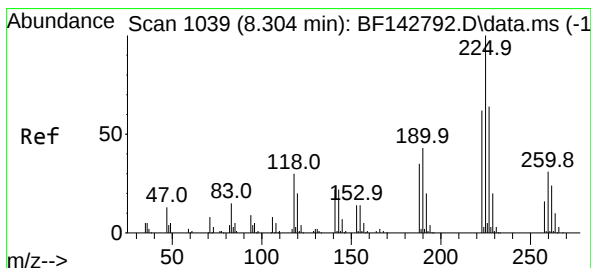
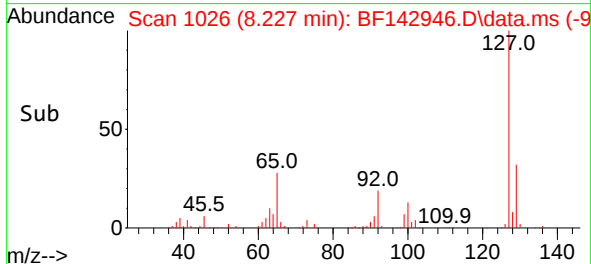
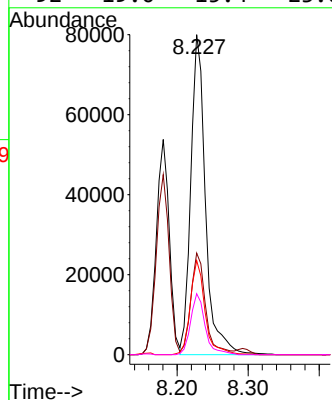
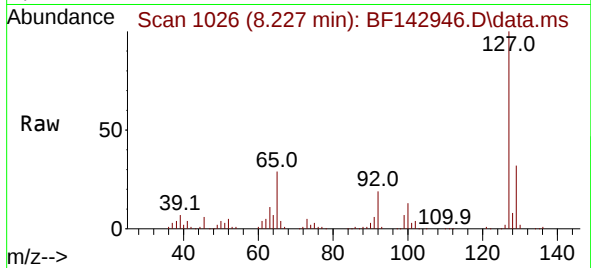




#33
4-Chloroaniline
Concen: 23.197 ng
RT: 8.227 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

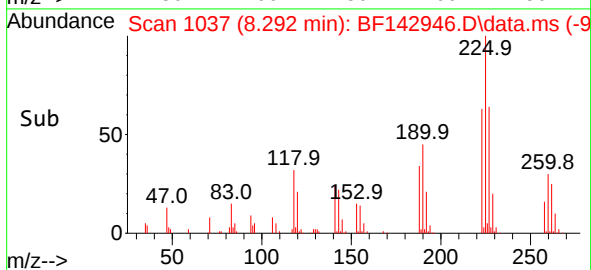
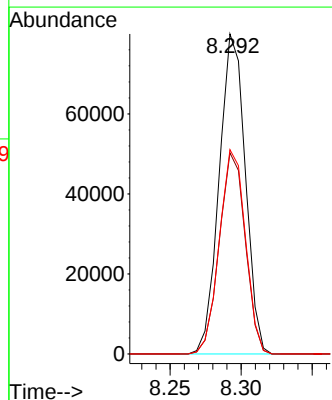
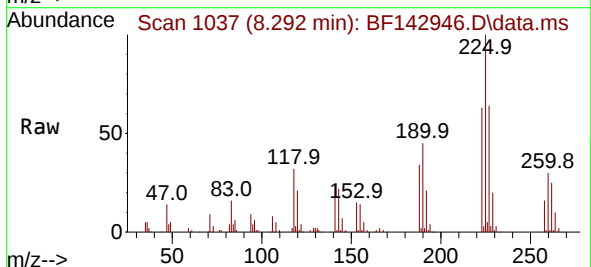
Instrument :
BNA_F
ClientSampleId :
PB168646BS

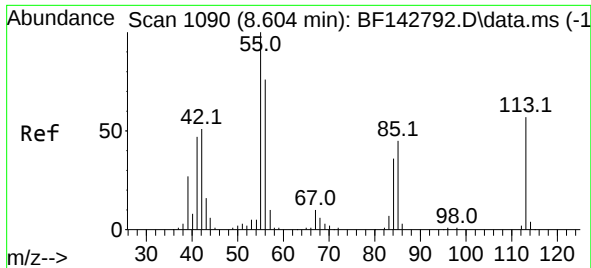
Tgt	Ion:127	Resp:	115484
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	29.4	24.6	36.8
92	19.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 43.038 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt	Ion:225	Resp:	102223
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.9	74.9
227	63.9	51.4	77.0

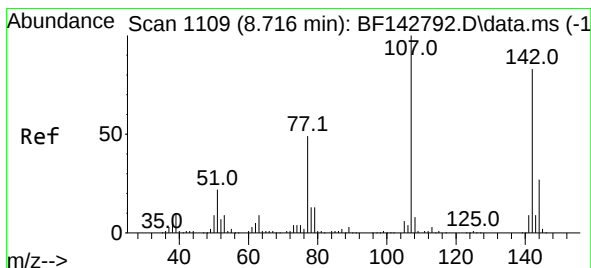
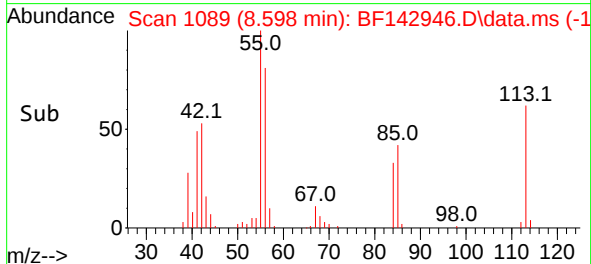
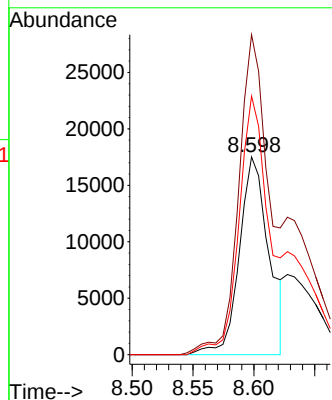
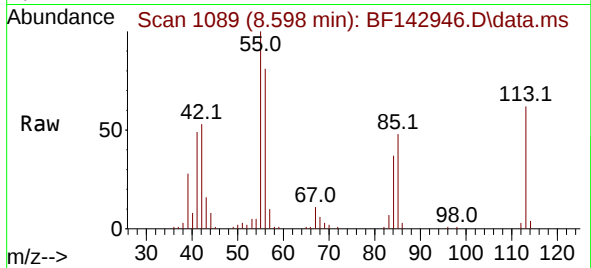




#35
 Caprolactam
 Concen: 31.684 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF142946.D
 Acq: 01 Jul 2025 13:19

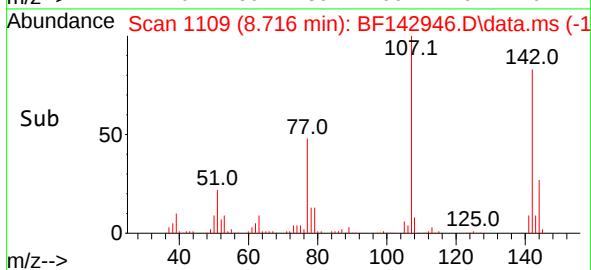
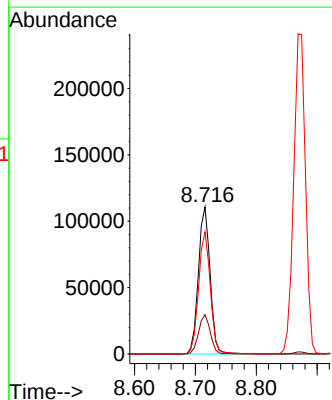
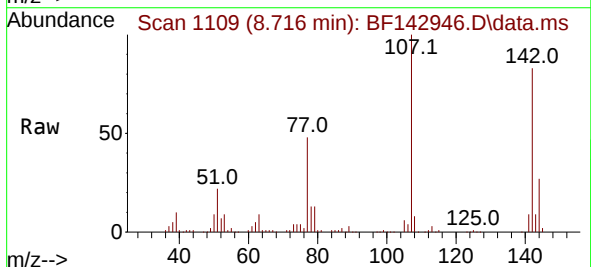
Instrument :
 BNA_F
 ClientSampleId :
 PB168646BS

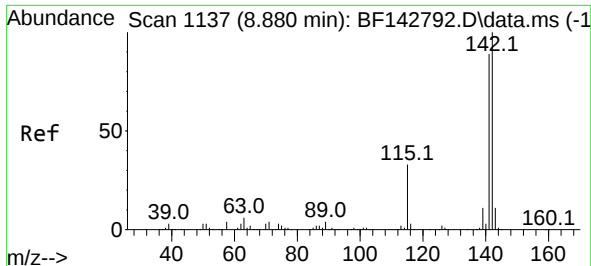
Tgt Ion:113 Resp: 29524
 Ion Ratio Lower Upper
 113 100
 55 161.9 154.4 194.4
 56 130.8 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.261 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF142946.D
 Acq: 01 Jul 2025 13:19

Tgt Ion:107 Resp: 148317
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.3 31.9
 142 83.0 66.6 100.0





#37

2-Methylnaphthalene

Concen: 42.642 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

Instrument :

BNA_F

ClientSampleId :

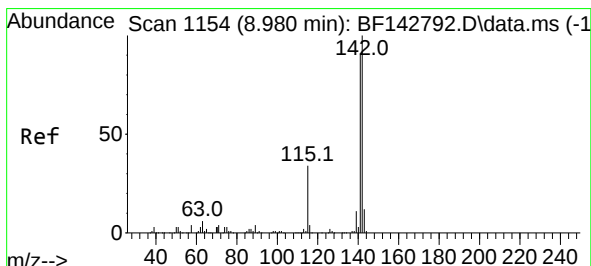
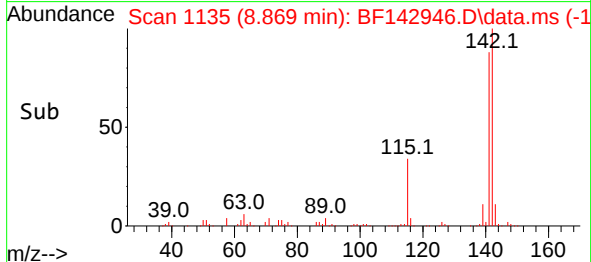
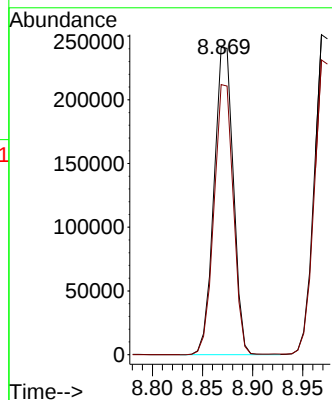
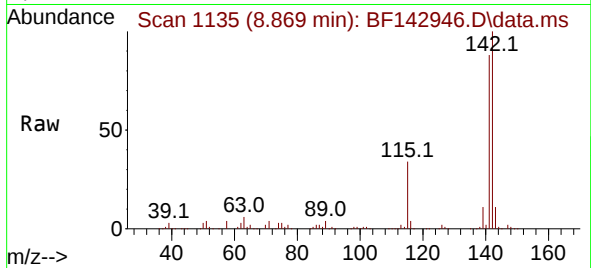
PB168646BS

Tgt Ion:142 Resp: 323673

Ion Ratio Lower Upper

142 100

141 87.9 70.9 106.3



#38

1-Methylnaphthalene

Concen: 42.403 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF142946.D

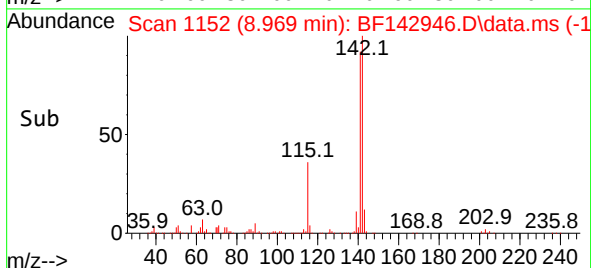
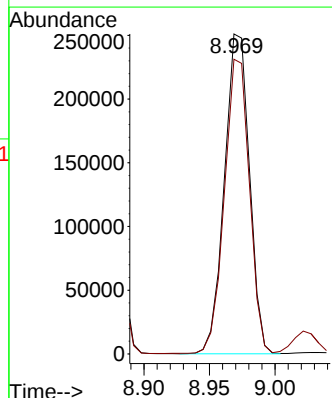
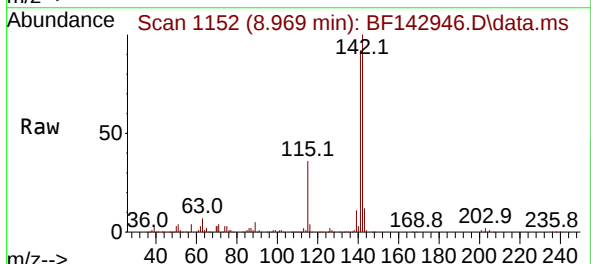
Acq: 01 Jul 2025 13:19

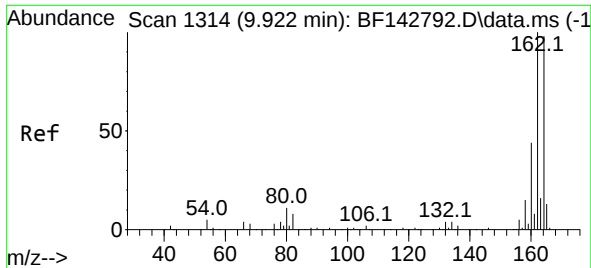
Tgt Ion:142 Resp: 333191

Ion Ratio Lower Upper

142 100

141 92.1 73.0 109.4

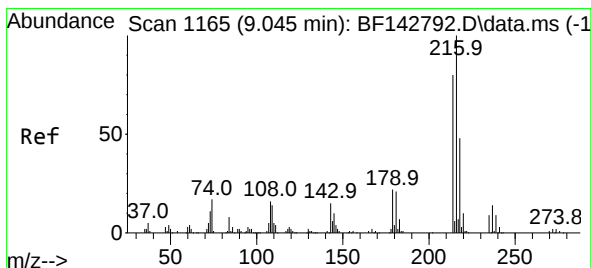
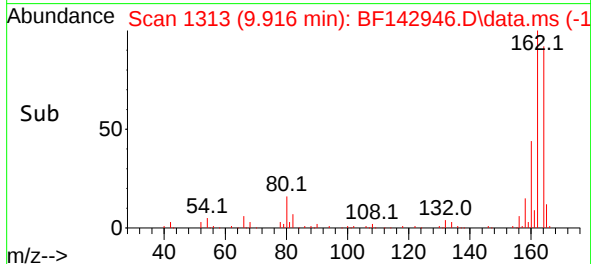
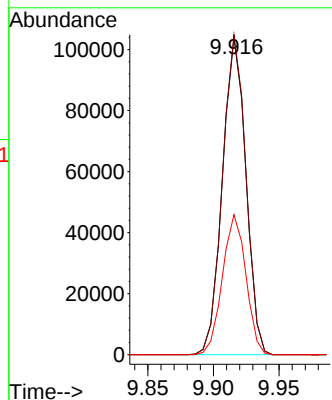
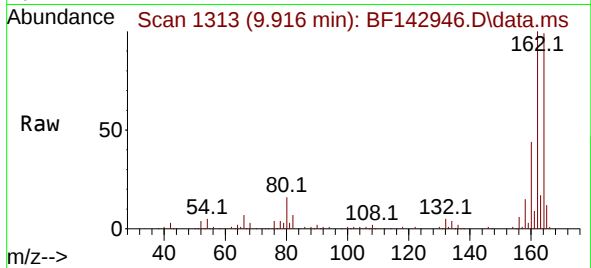




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

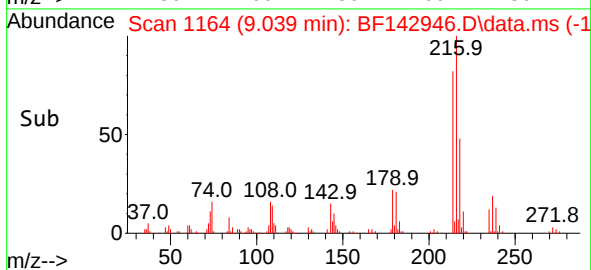
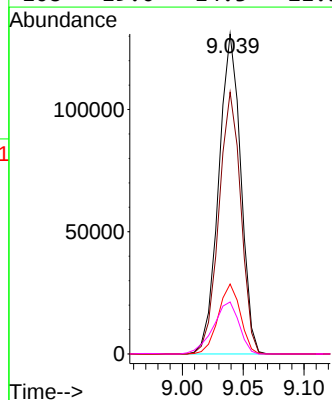
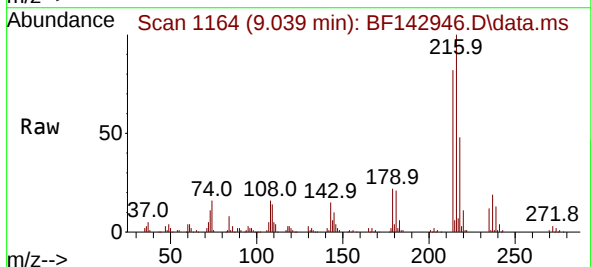
Instrument :
BNA_F
ClientSampleId :
PB168646BS

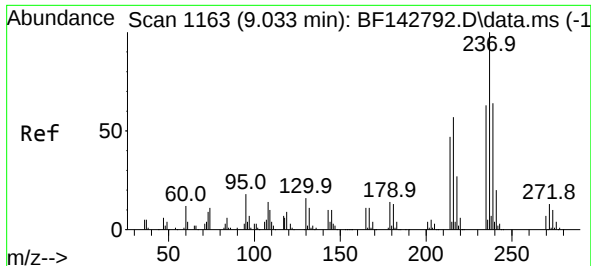
Tgt Ion:164 Resp: 129120
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.8
160 44.2 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.360 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

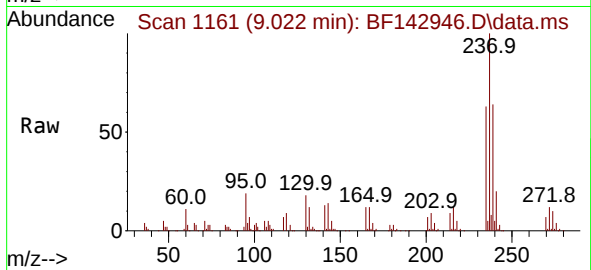
Tgt Ion:216 Resp: 165197
Ion Ratio Lower Upper
216 100
214 81.1 63.7 95.5
179 21.9 17.6 26.4
108 19.0 14.3 21.5



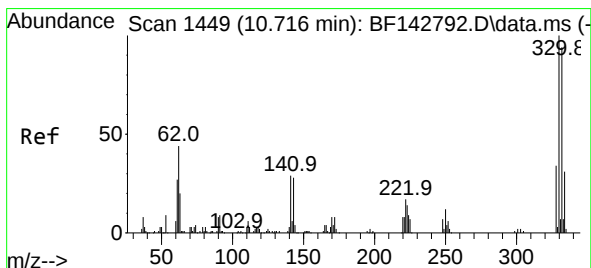
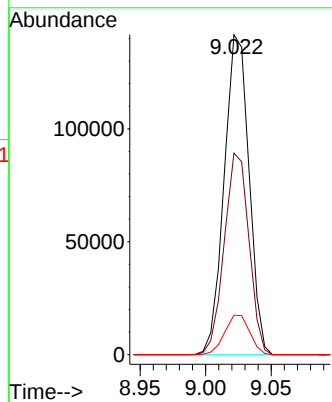
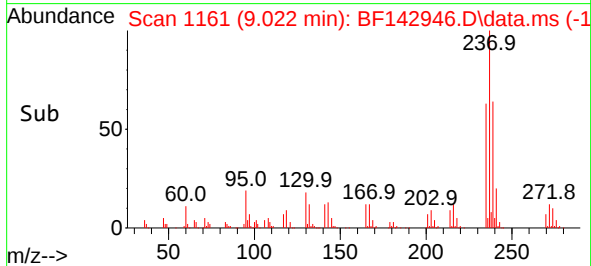


#41
Hexachlorocyclopentadiene
Concen: 86.282 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

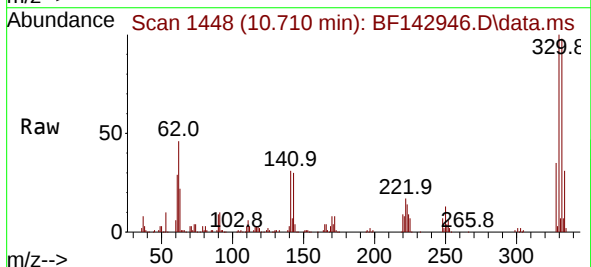
Instrument :
BNA_F
ClientSampleId :
PB168646BS



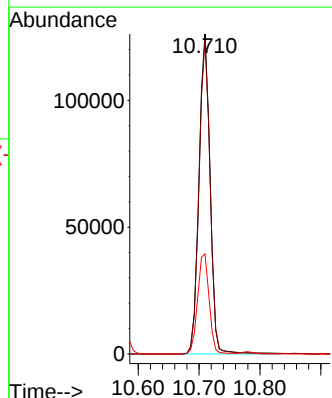
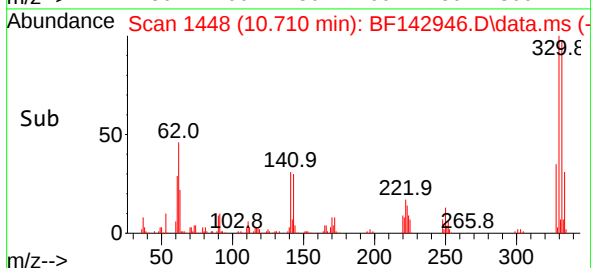
Tgt Ion:237 Resp: 186545
Ion Ratio Lower Upper
237 100
235 63.0 43.4 83.4
272 12.4 0.0 32.7

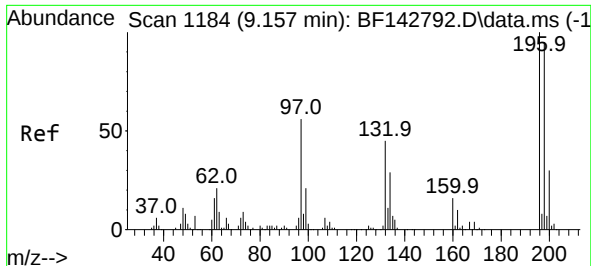


#42
2,4,6-Tribromophenol
Concen: 121.172 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19



Tgt Ion:330 Resp: 161005
Ion Ratio Lower Upper
330 100
332 97.8 75.0 112.6
141 32.3 25.3 37.9

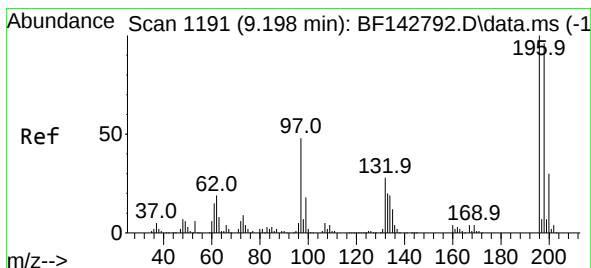
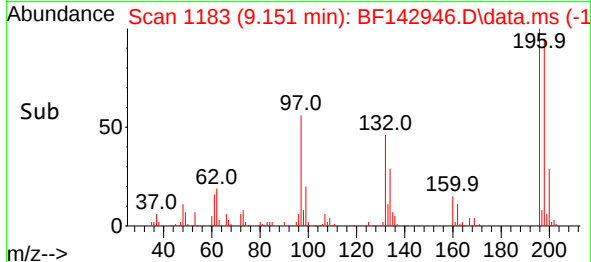
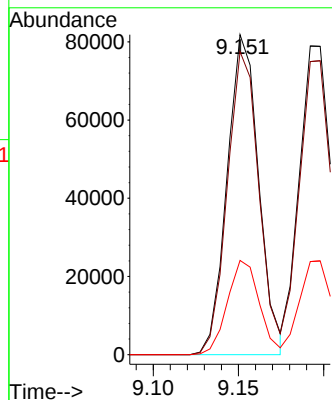
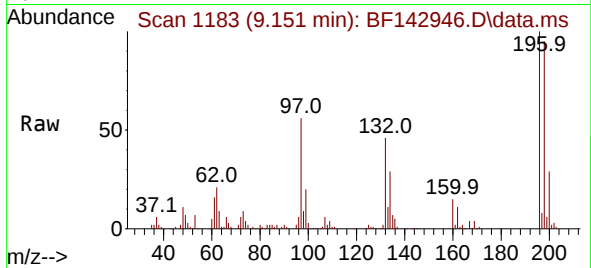




#43
2,4,6-Trichlorophenol
Concen: 42.445 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

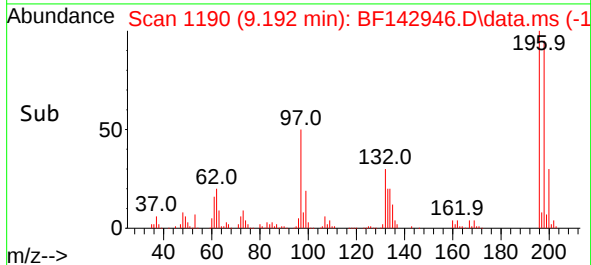
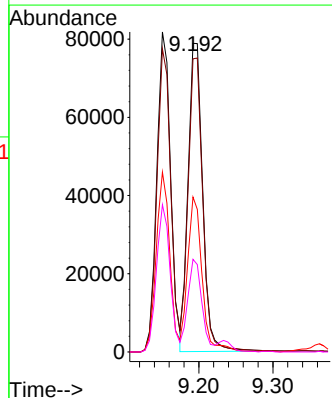
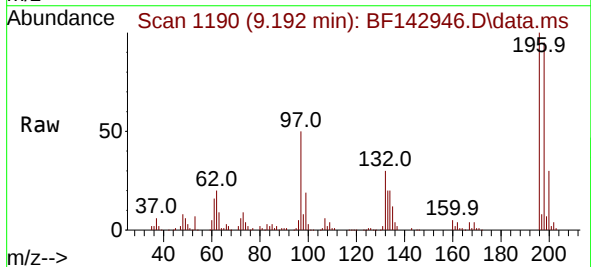
Instrument :
BNA_F
ClientSampleId :
PB168646BS

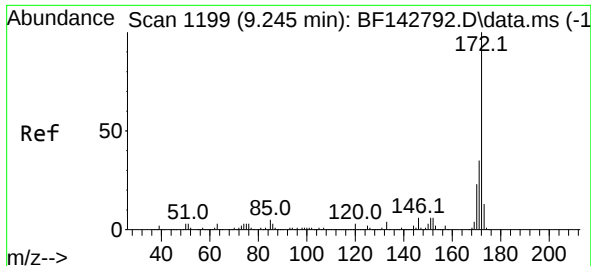
Tgt Ion:196 Resp: 105375
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 29.5 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 41.418 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:196 Resp: 108242
Ion Ratio Lower Upper
196 100
198 95.0 76.6 115.0
97 50.2 38.2 57.2
132 30.0 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 77.279 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

Instrument :

BNA_F

ClientSampleId :

PB168646BS

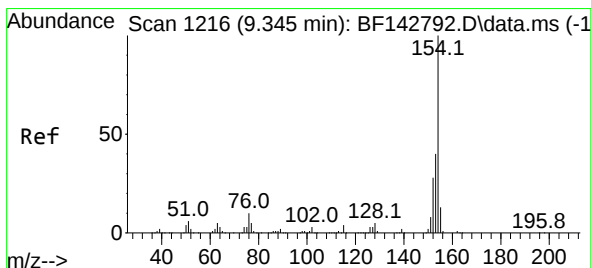
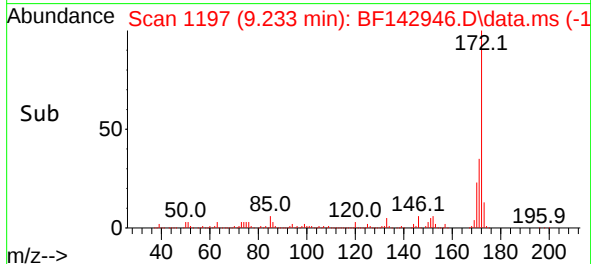
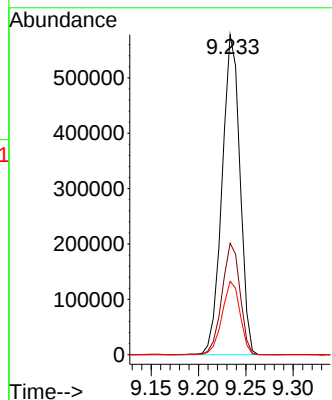
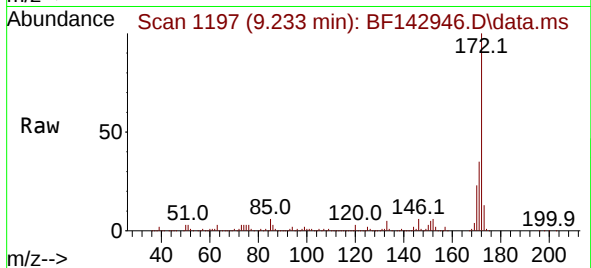
Tgt Ion:172 Resp: 759567

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 22.9 18.5 27.7



#46

1,1'-Biphenyl

Concen: 43.148 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

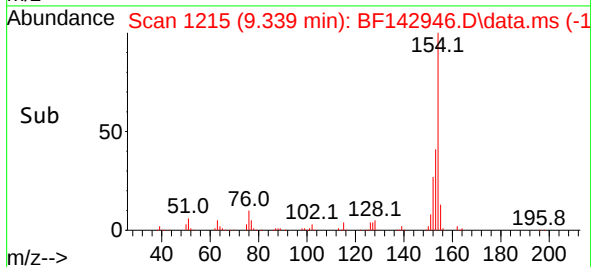
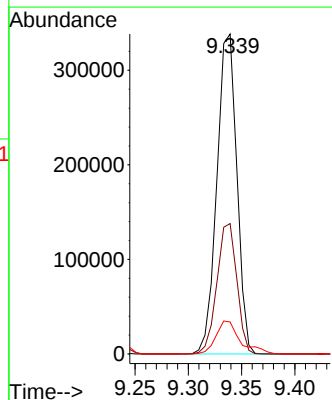
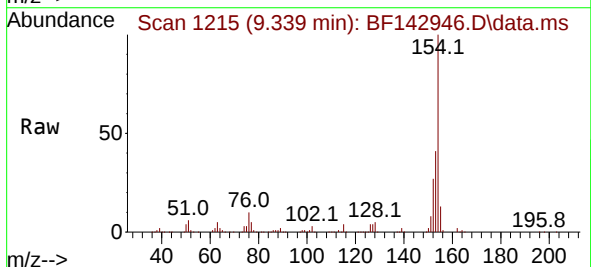
Tgt Ion:154 Resp: 440097

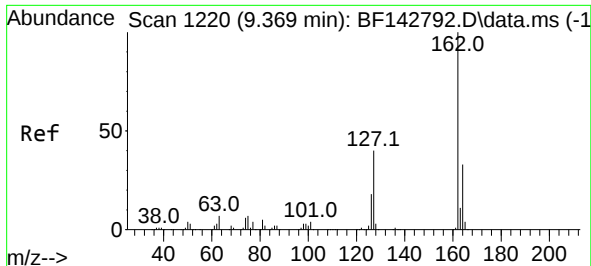
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 10.0 0.0 30.3

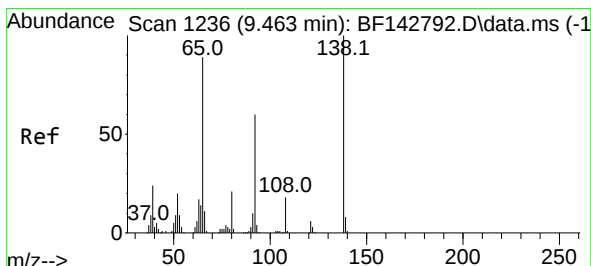
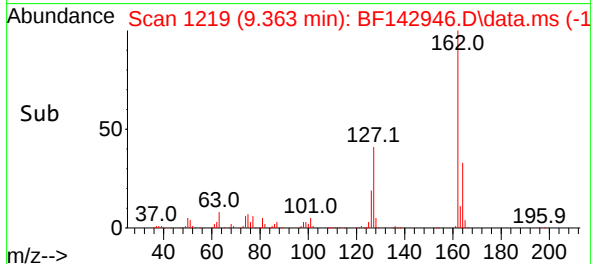
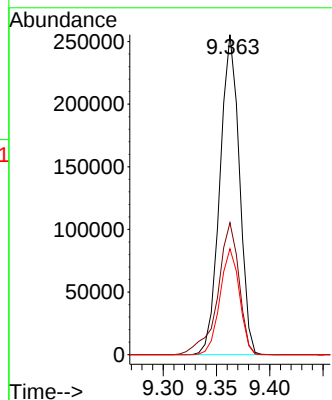
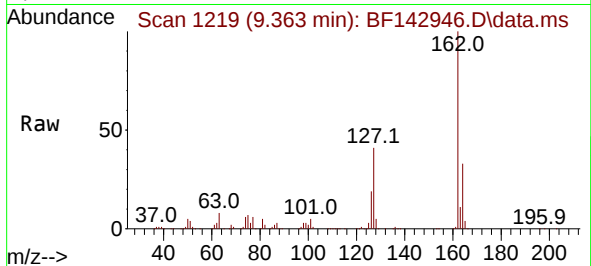




#47
2-Chloronaphthalene
Concen: 42.319 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

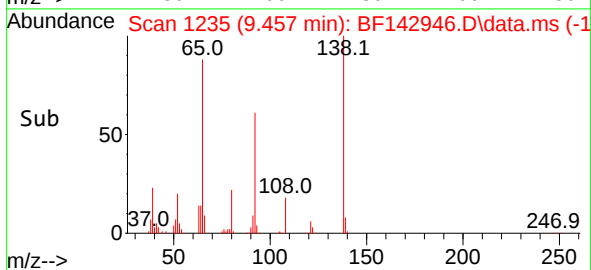
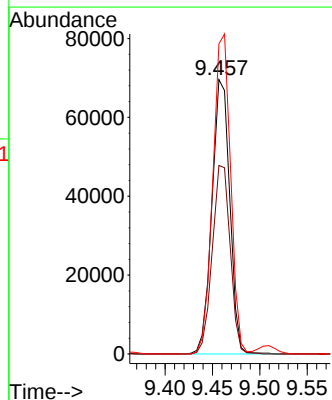
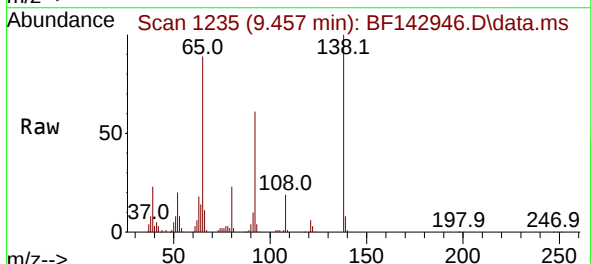
Instrument :
BNA_F
ClientSampleId :
PB168646BS

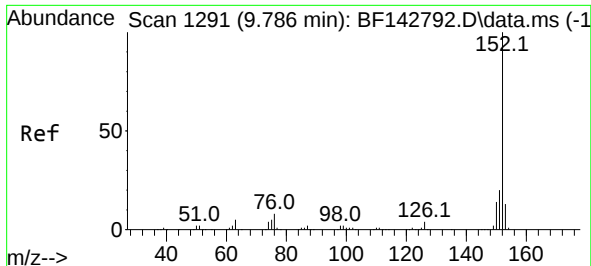
Tgt Ion:162 Resp: 323917
Ion Ratio Lower Upper
162 100
127 41.2 32.2 48.2
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 42.333 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion: 65 Resp: 90842
Ion Ratio Lower Upper
65 100
92 68.7 53.8 80.6
138 113.0 89.6 134.4





#49

Acenaphthylene

Concen: 42.463 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

Instrument :

BNA_F

ClientSampleId :

PB168646BS

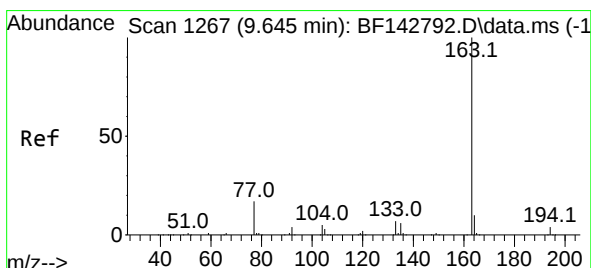
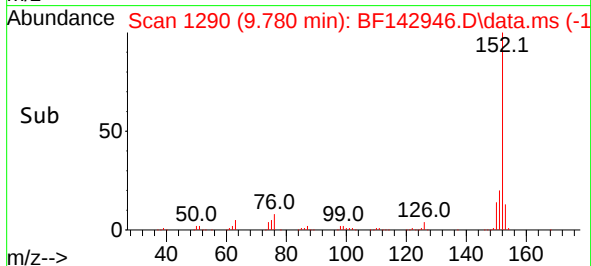
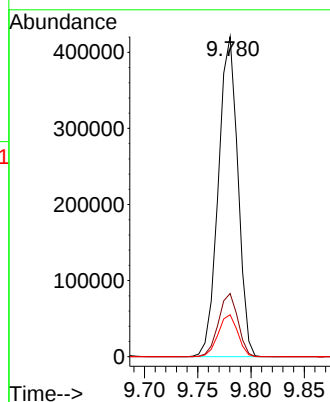
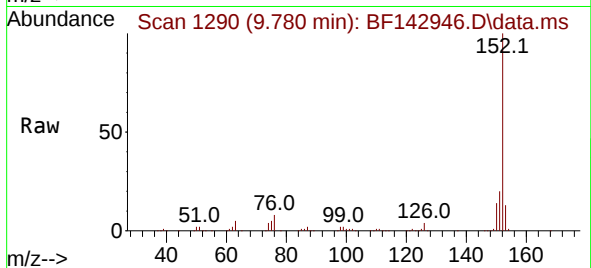
Tgt Ion:152 Resp: 535057

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 43.774 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

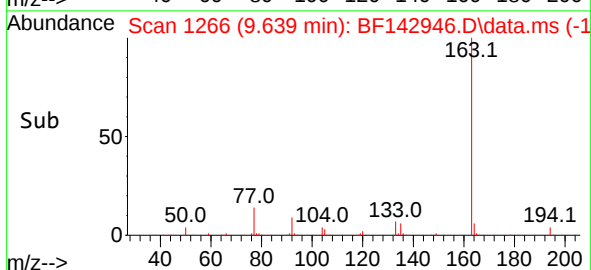
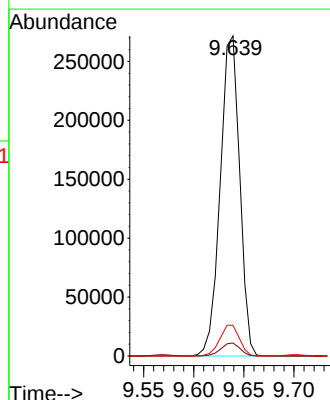
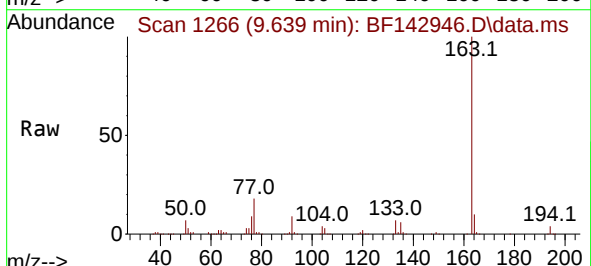
Tgt Ion:163 Resp: 365867

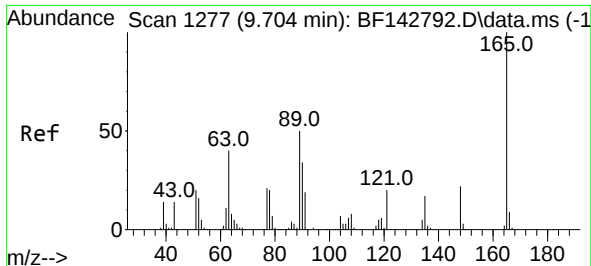
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.6 8.0 12.0

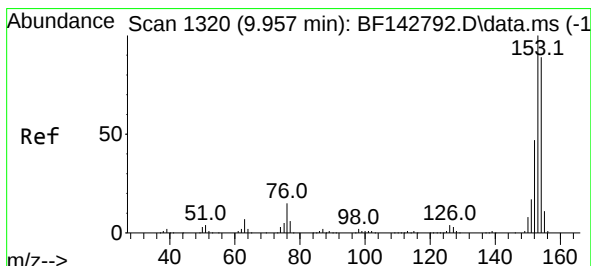
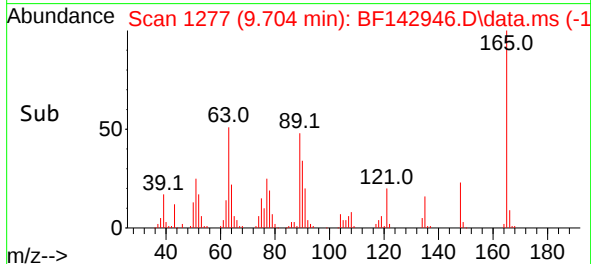
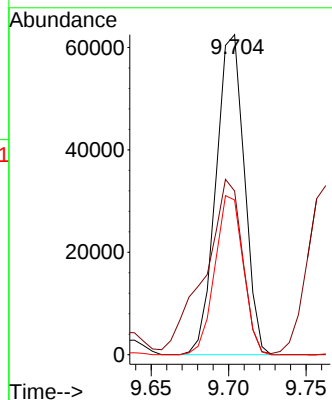
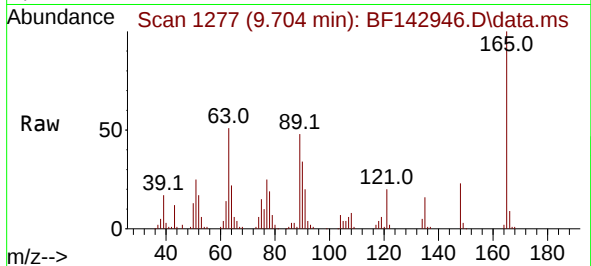




#51
2,6-Dinitrotoluene
Concen: 43.377 ng
RT: 9.704 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

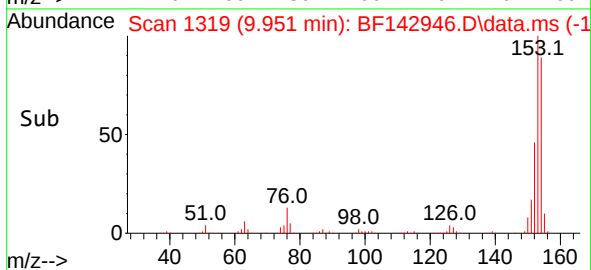
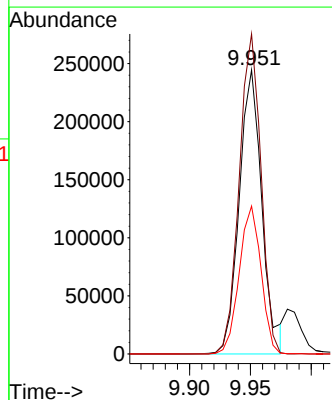
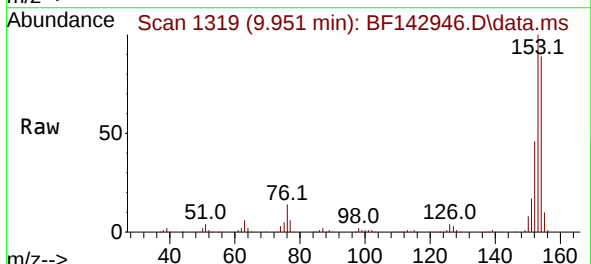
Instrument :
BNA_F
ClientSampleId :
PB168646BS

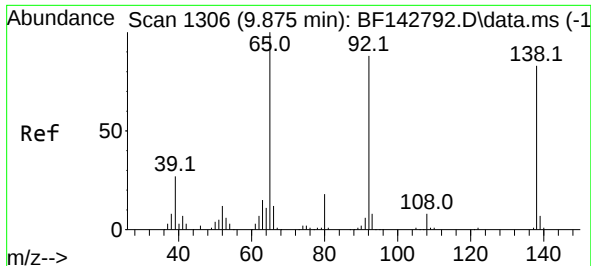
Tgt Ion:165 Resp: 79619
Ion Ratio Lower Upper
165 100
63 51.1 44.2 66.4
89 48.4 39.8 59.8



#52
Acenaphthene
Concen: 41.194 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:154 Resp: 316690
Ion Ratio Lower Upper
154 100
153 112.7 90.0 135.0
152 52.1 41.9 62.9

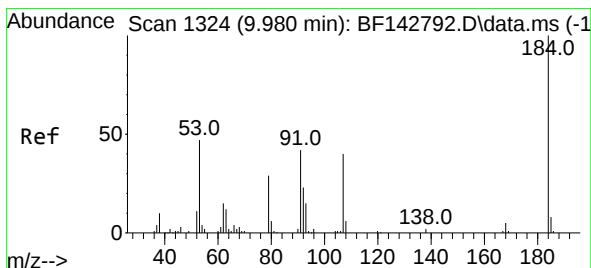
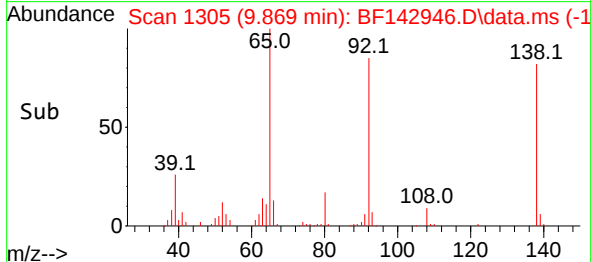
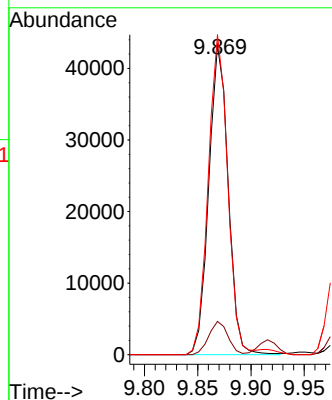
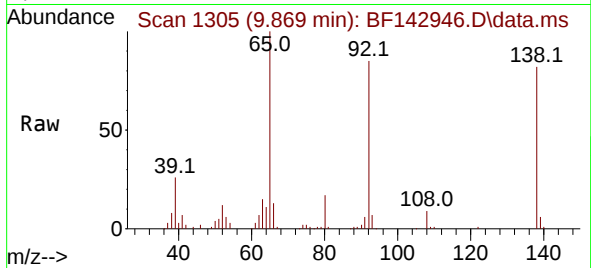




#53
3-Nitroaniline
Concen: 27.184 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

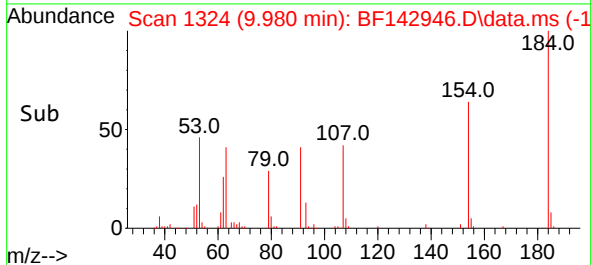
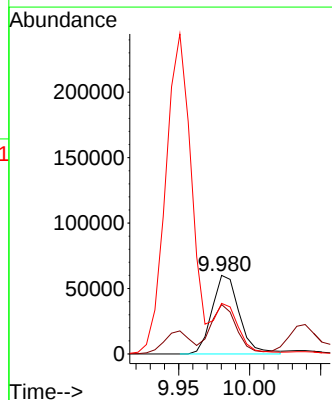
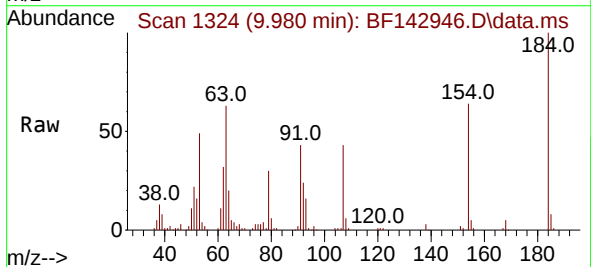
Instrument :
BNA_F
ClientSampleId :
PB168646BS

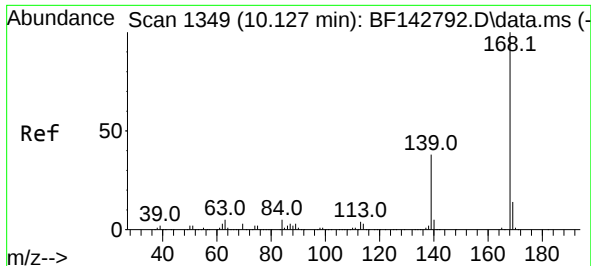
Tgt Ion:138 Resp: 54935
Ion Ratio Lower Upper
138 100
108 10.8 8.1 12.1
92 103.4 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 87.586 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:184 Resp: 80497
Ion Ratio Lower Upper
184 100
63 63.0 50.6 75.8
154 64.4 51.8 77.8

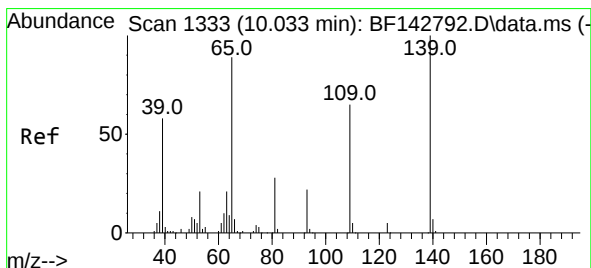
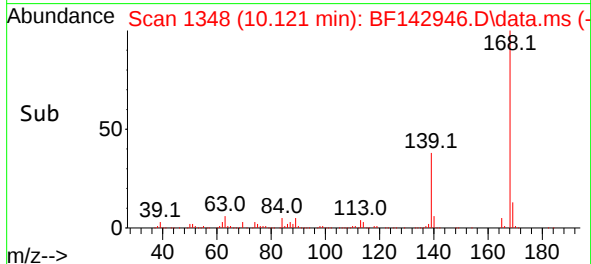
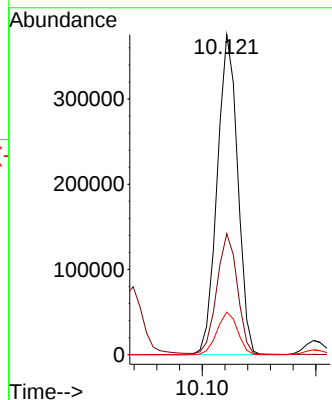
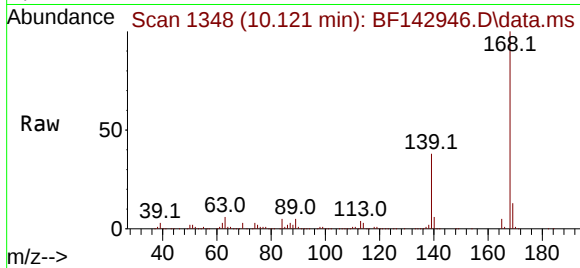




#55
Dibenzenofuran
Concen: 42.695 ng
RT: 10.121 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

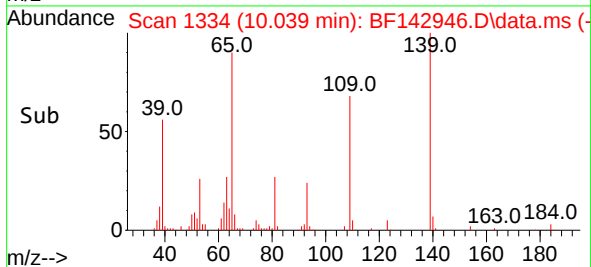
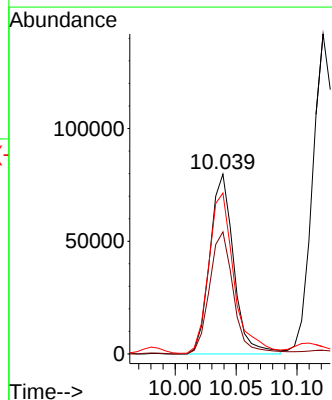
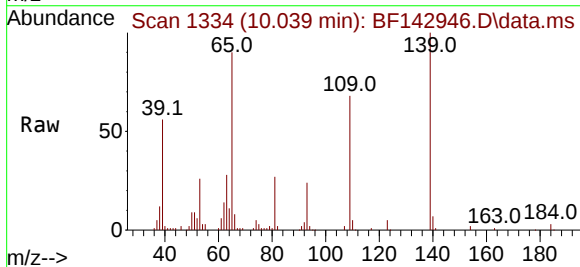
Instrument :
BNA_F
ClientSampleId :
PB168646BS

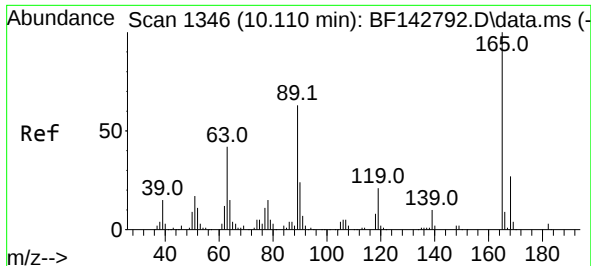
Tgt Ion:168 Resp: 470678
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 78.430 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:139 Resp: 108509
Ion Ratio Lower Upper
139 100
109 67.9 44.7 84.7
65 89.6 69.8 109.8

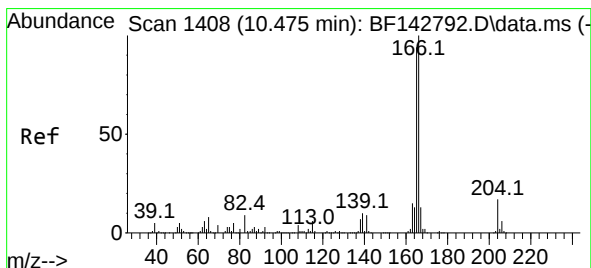
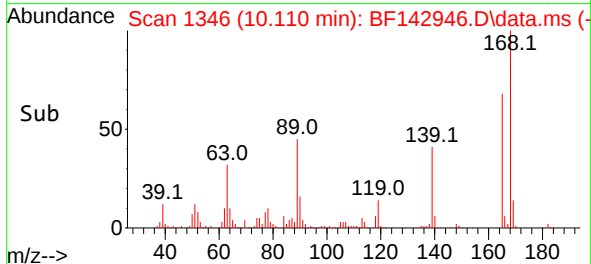
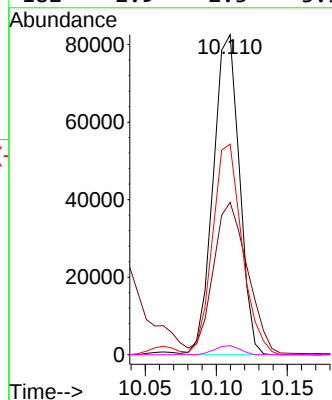
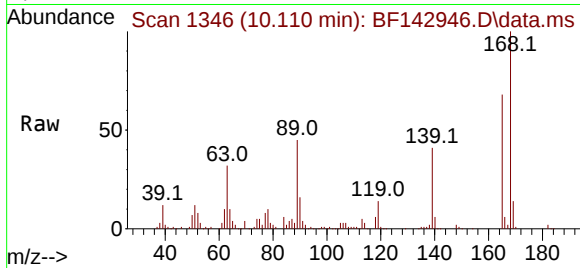




#57
2,4-Dinitrotoluene
Concen: 43.452 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

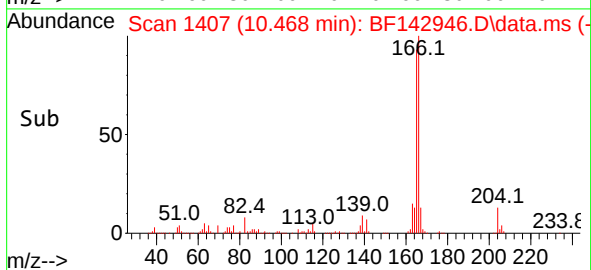
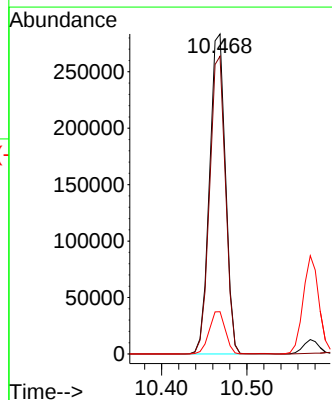
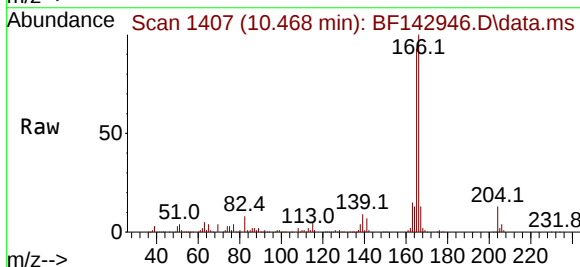
Instrument :
BNA_F
ClientSampleId :
PB168646BS

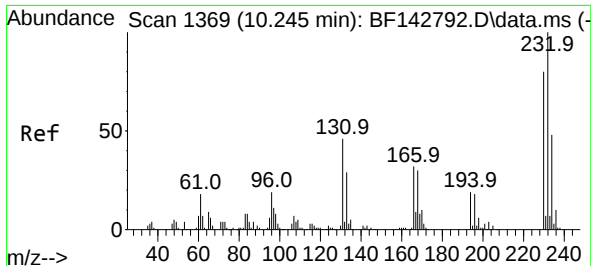
Tgt Ion:165 Resp: 105940
Ion Ratio Lower Upper
165 100
63 47.6 33.9 50.9
89 65.8 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 42.711 ng
RT: 10.468 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

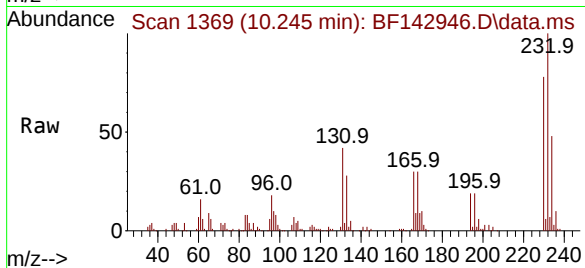
Tgt Ion:166 Resp: 367730
Ion Ratio Lower Upper
166 100
165 93.1 75.2 112.8
167 13.2 10.6 15.8



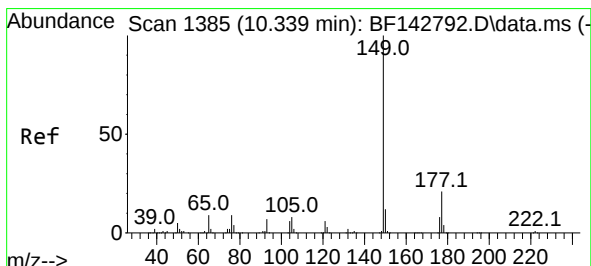
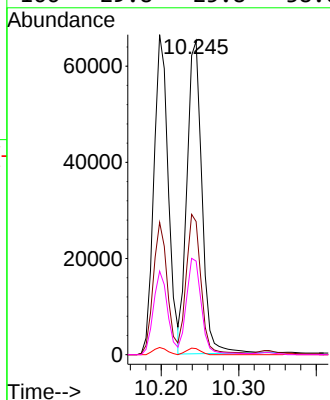
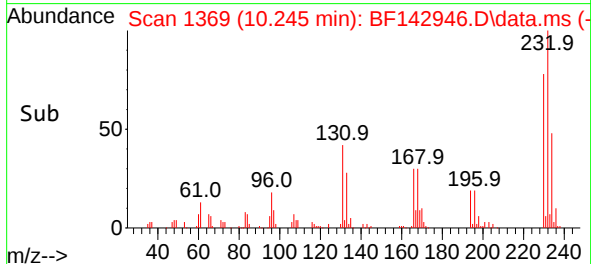


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.381 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

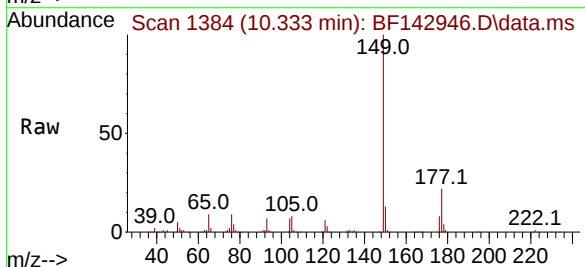
Instrument :
BNA_F
ClientSampleId :
PB168646BS



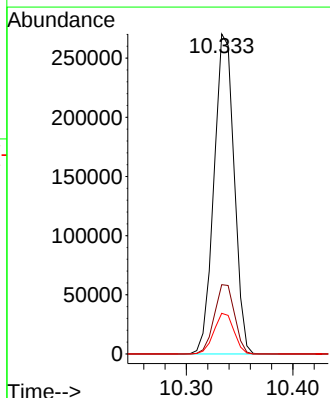
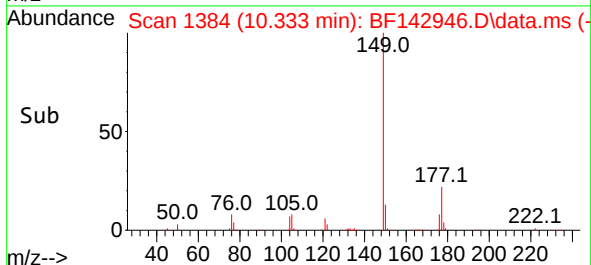
Tgt Ion:232 Resp: 87172
Ion Ratio Lower Upper
232 100
131 44.9 37.6 56.4
130 2.0 1.7 2.5
166 29.8 25.8 38.6

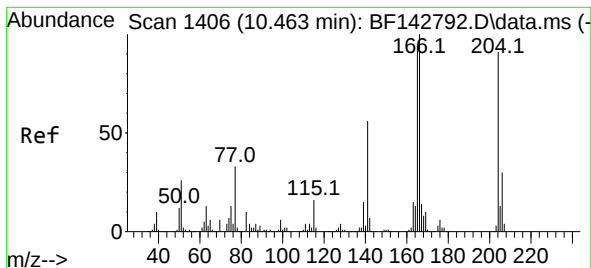


#60
Diethylphthalate
Concen: 43.196 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19



Tgt Ion:149 Resp: 353989
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.6
150 12.7 9.8 14.6

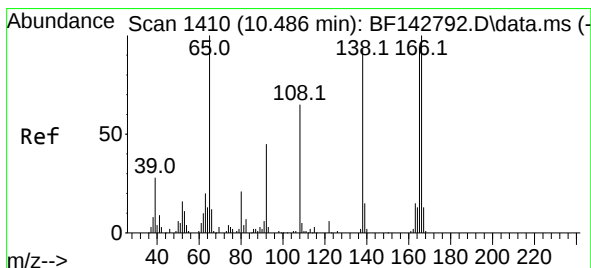
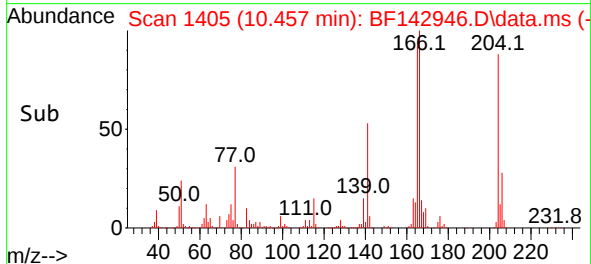
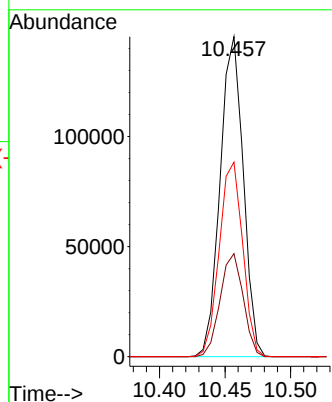
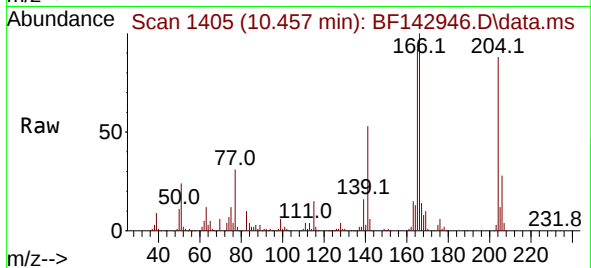




#61
4-Chlorophenyl-phenylether
Concen: 43.410 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

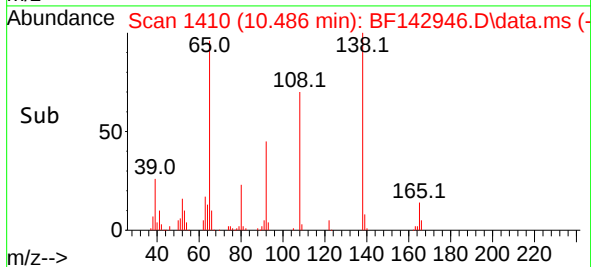
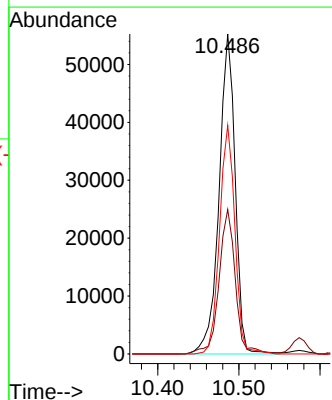
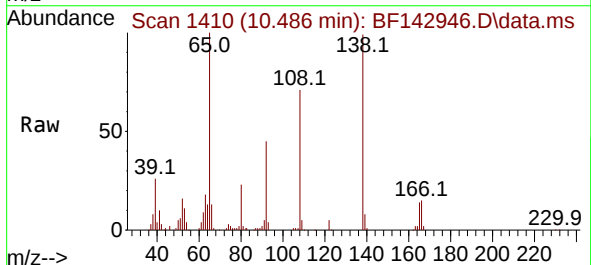
Instrument :
BNA_F
ClientSampleId :
PB168646BS

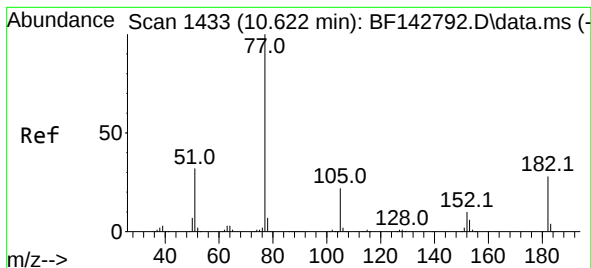
Tgt Ion:204 Resp: 178346
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 60.8 49.1 73.7



#62
4-Nitroaniline
Concen: 41.346 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:138 Resp: 76417
Ion Ratio Lower Upper
138 100
92 45.1 28.4 68.4
108 71.5 50.2 90.2





#63

Azobenzene

Concen: 41.514 ng

RT: 10.616 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

Instrument :

BNA_F

ClientSampleId :

PB168646BS

Tgt Ion: 77 Resp: 304060

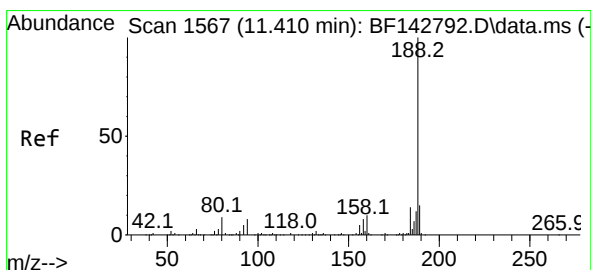
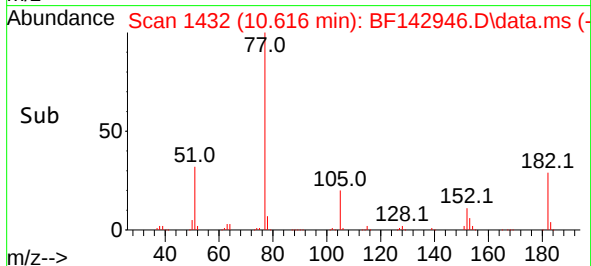
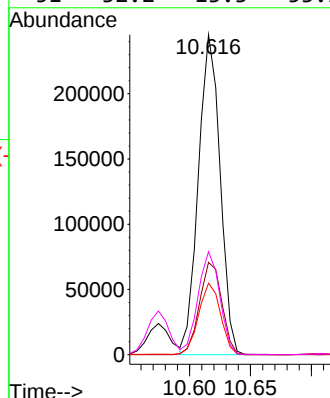
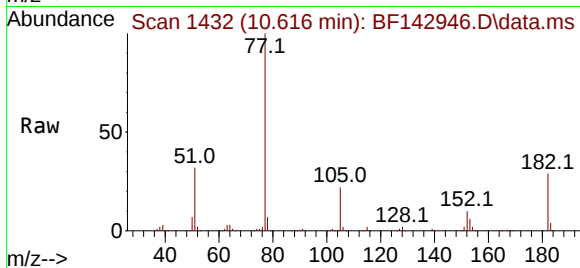
Ion Ratio Lower Upper

77 100

182 28.9 7.7 47.7

105 22.3 1.9 41.9

51 32.2 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

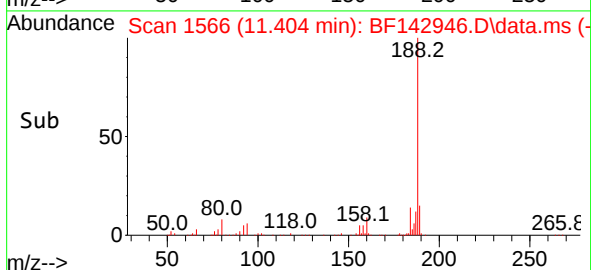
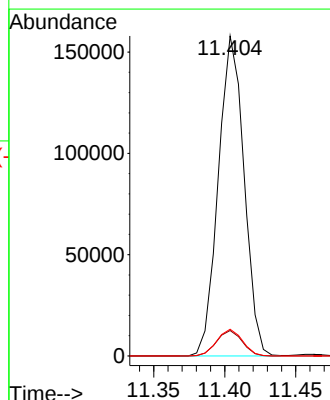
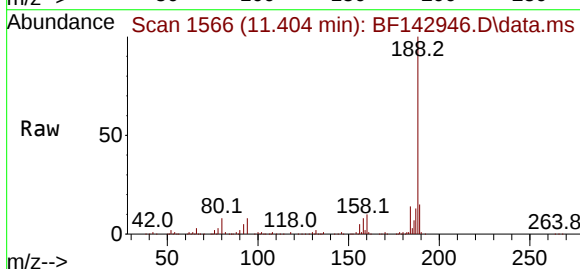
Tgt Ion: 188 Resp: 199440

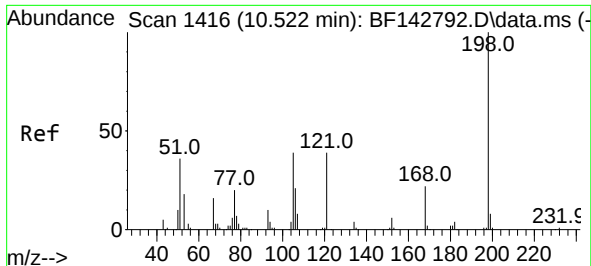
Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

80 8.4 6.9 10.3

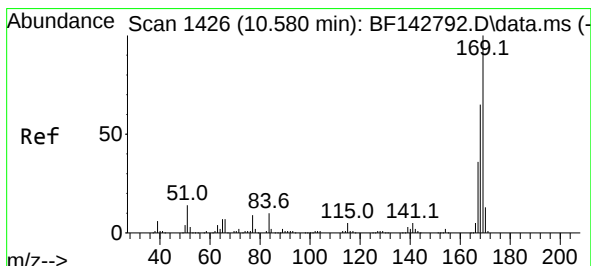
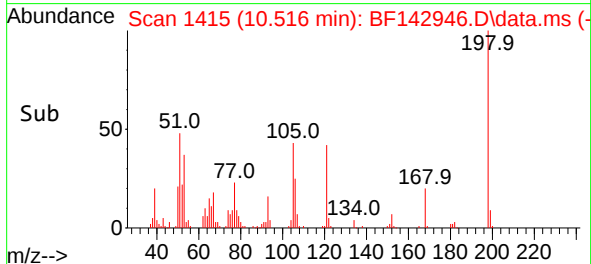
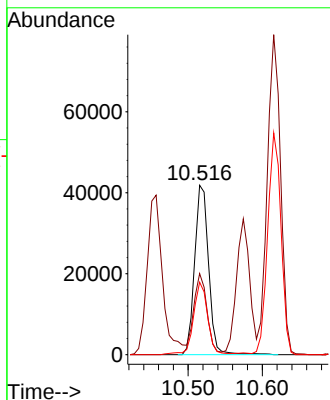
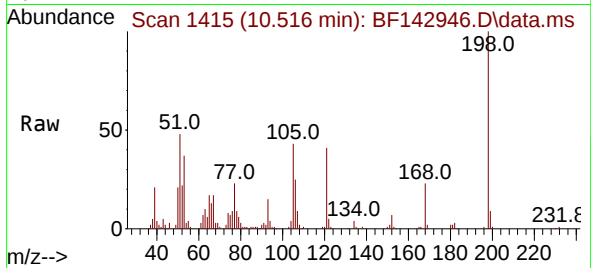




#65
4,6-Dinitro-2-methylphenol
Concen: 45.469 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

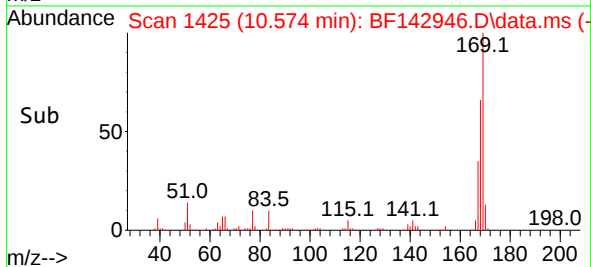
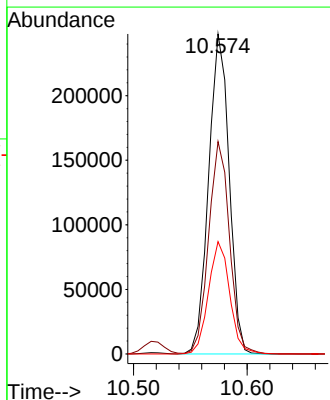
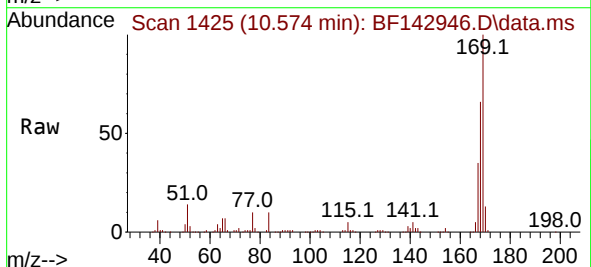
Instrument :
BNA_F
ClientSampleId :
PB168646BS

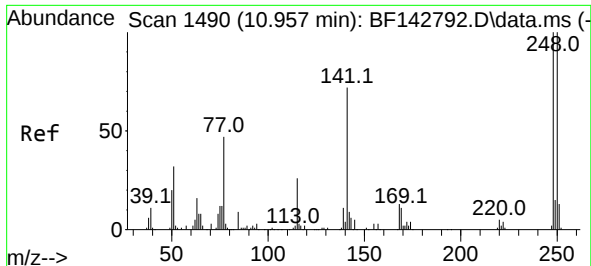
Tgt Ion:198 Resp: 54851
Ion Ratio Lower Upper
198 100
51 47.9 25.4 65.4
105 42.7 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 45.029 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:169 Resp: 311246
Ion Ratio Lower Upper
169 100
168 66.3 51.9 77.9
167 35.1 28.5 42.7

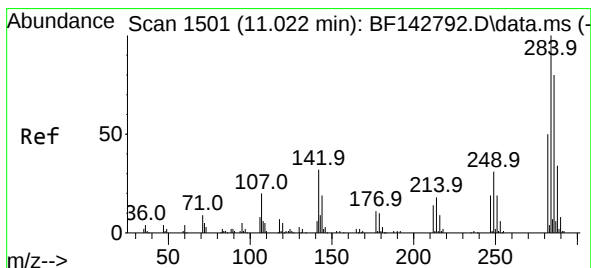
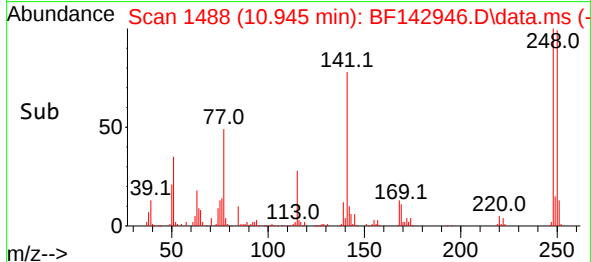
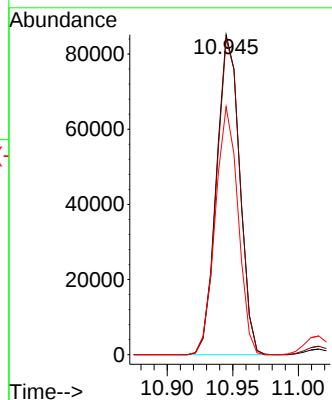
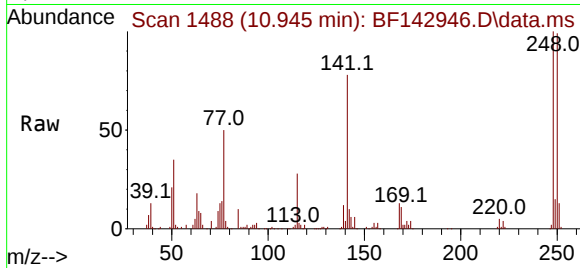




#67
4-Bromophenyl-phenylether
Concen: 46.037 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

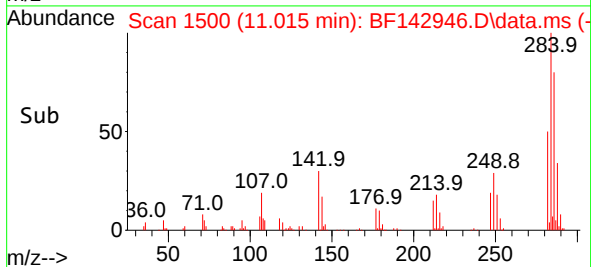
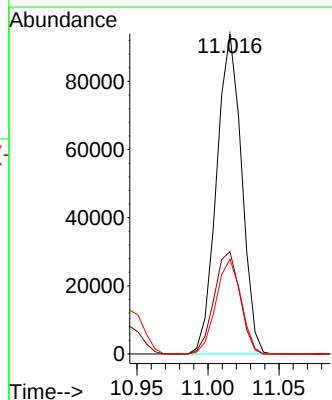
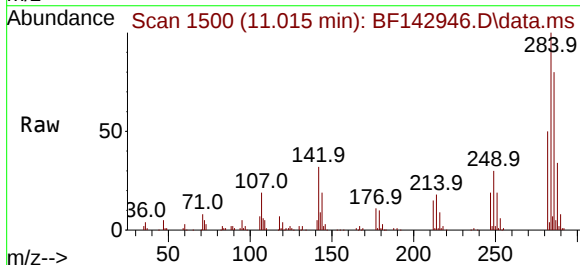
Instrument :
BNA_F
ClientSampleId :
PB168646BS

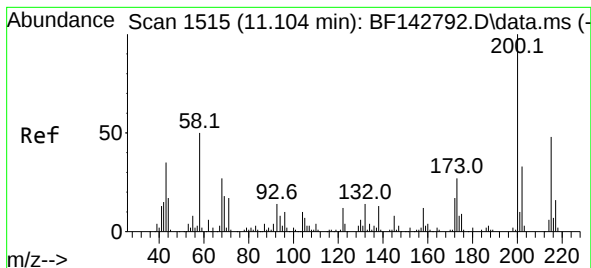
Tgt Ion:248 Resp: 104496
Ion Ratio Lower Upper
248 100
250 98.7 79.8 119.8
141 77.5 57.8 86.6



#68
Hexachlorobenzene
Concen: 45.595 ng
RT: 11.015 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:284 Resp: 114996
Ion Ratio Lower Upper
284 100
142 32.0 25.5 38.3
249 29.6 24.9 37.3





#69

Atrazine

Concen: 50.000 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

Instrument :

BNA_F

ClientSampleId :

PB168646BS

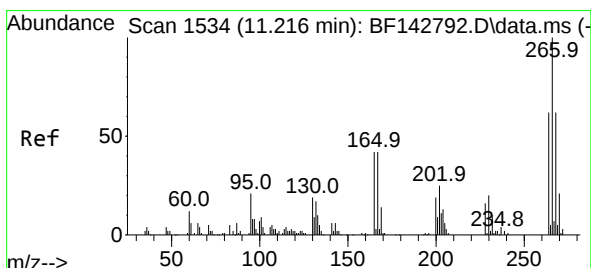
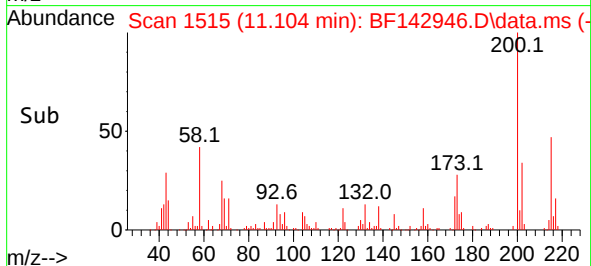
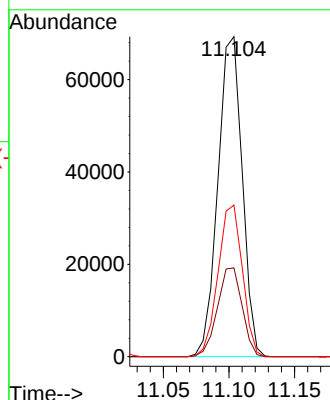
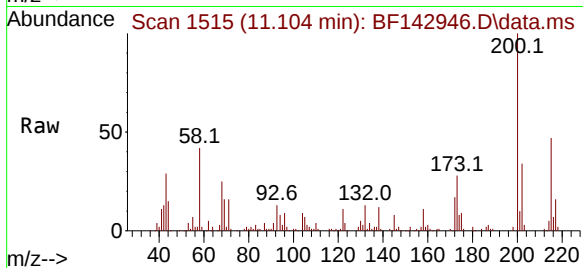
Tgt Ion:200 Resp: 89246

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 47.3 28.4 68.4



#70

Pentachlorophenol

Concen: 86.869 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

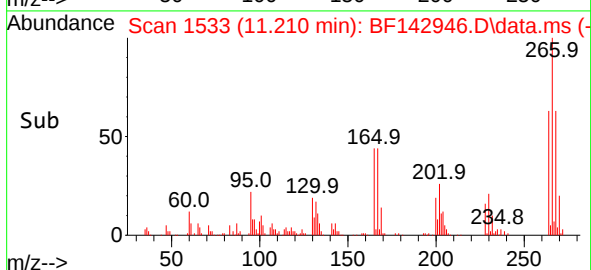
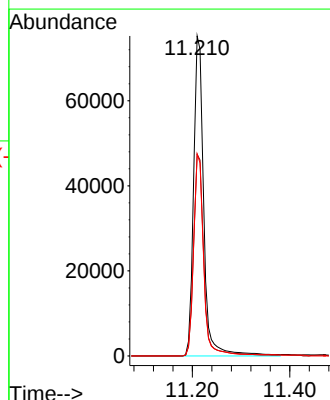
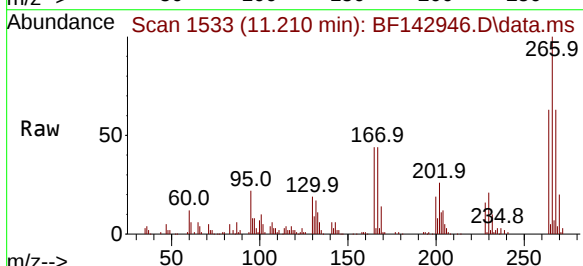
Tgt Ion:266 Resp: 109176

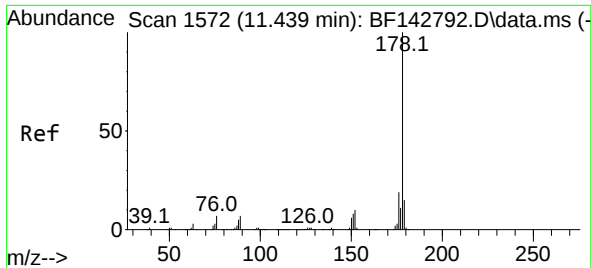
Ion Ratio Lower Upper

266 100

268 63.1 49.8 74.8

264 63.1 49.9 74.9

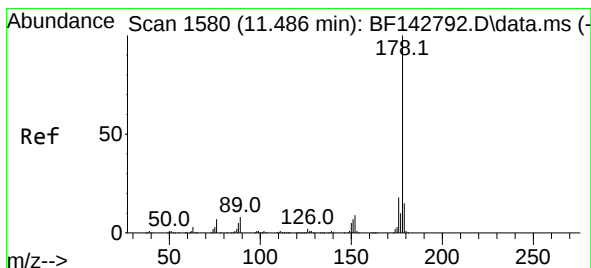
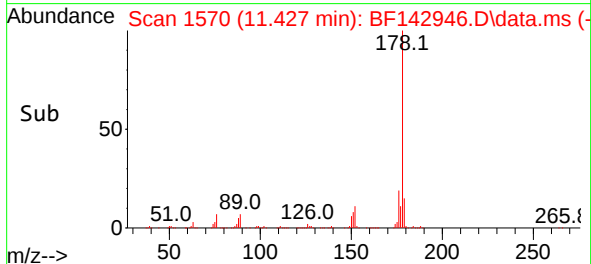
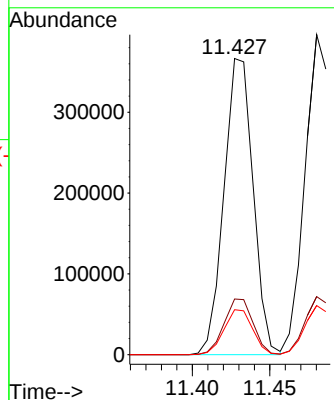
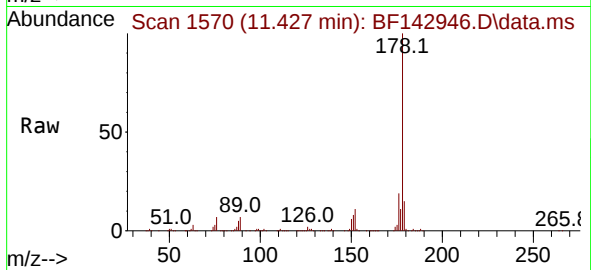




#71
Phenanthrene
Concen: 44.410 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

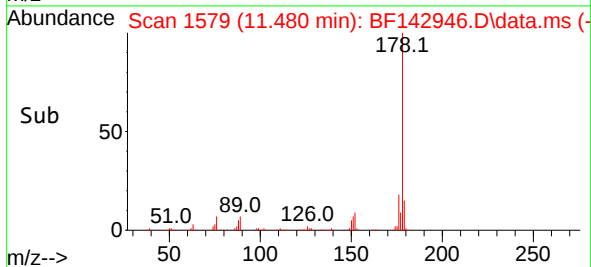
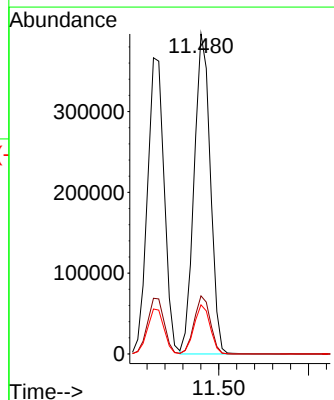
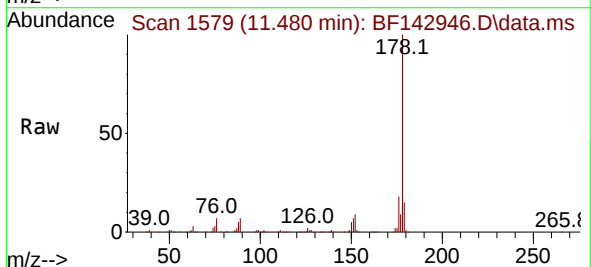
Instrument :
BNA_F
ClientSampleId :
PB168646BS

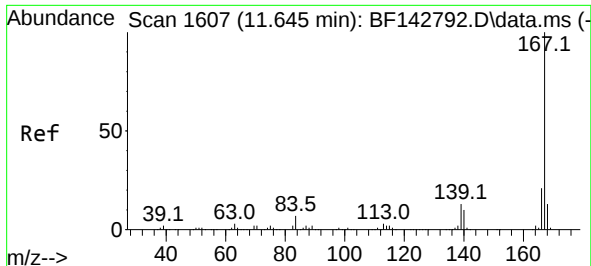
Tgt Ion:178 Resp: 479793
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.2 12.0 18.0



#72
Anthracene
Concen: 44.817 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

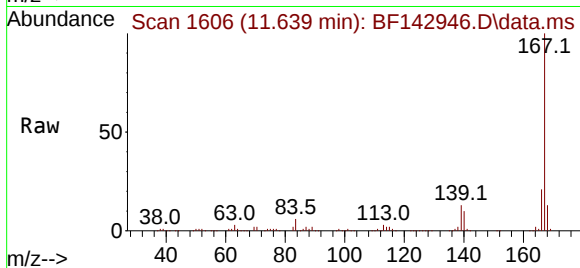
Tgt Ion:178 Resp: 496574
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.4 12.4 18.6



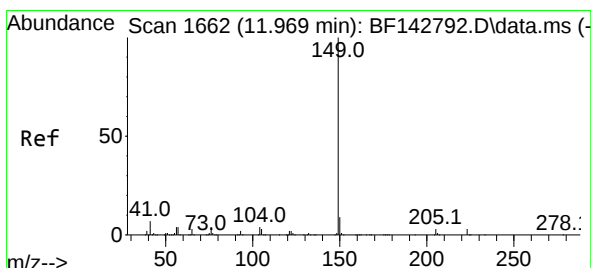
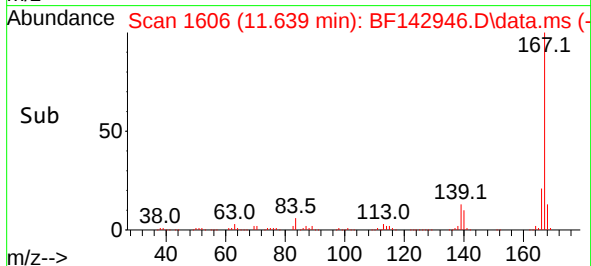
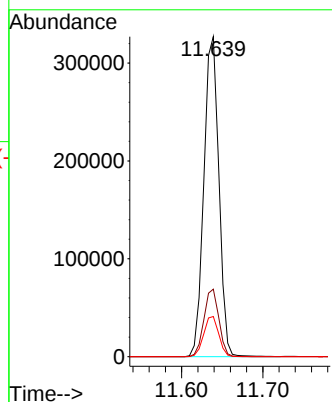


#73
 Carbazole
 Concen: 43.875 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142946.D
 Acq: 01 Jul 2025 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB168646BS

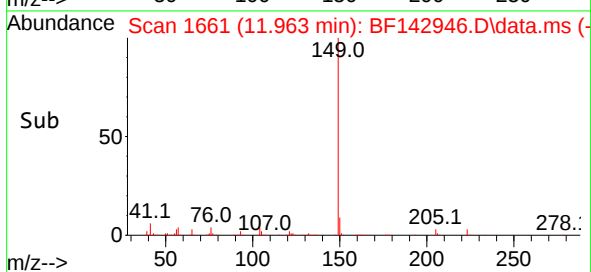
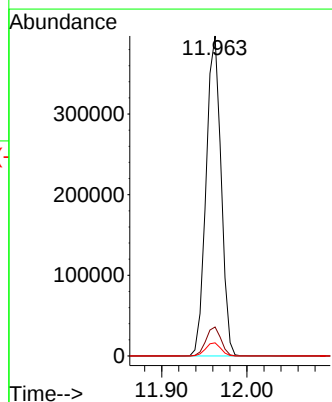
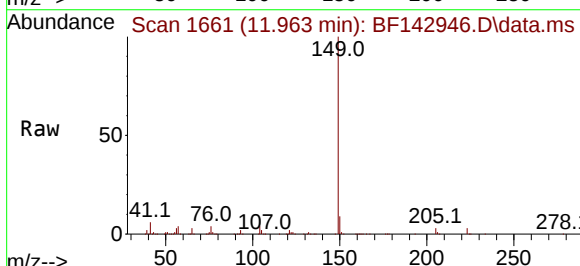


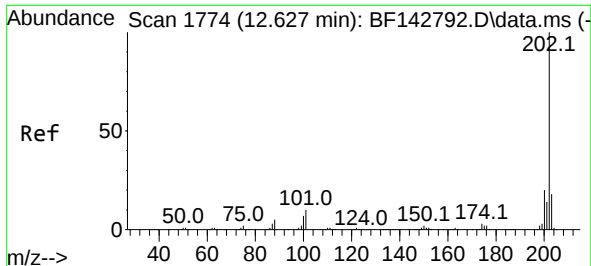
Tgt Ion:167 Resp: 419523
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 12.6 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 48.557 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142946.D
 Acq: 01 Jul 2025 13:19

Tgt Ion:149 Resp: 483669
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.1 3.5 5.3

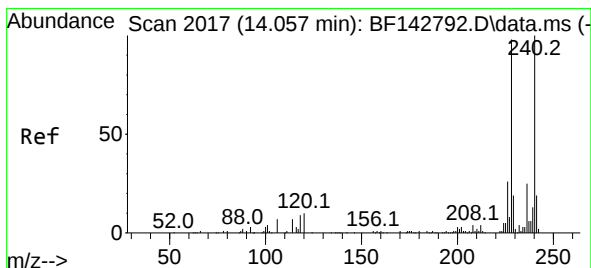
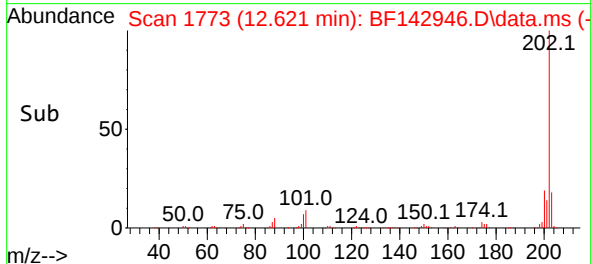
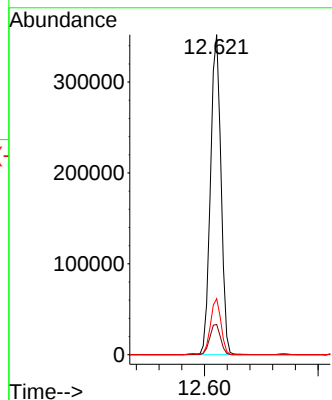
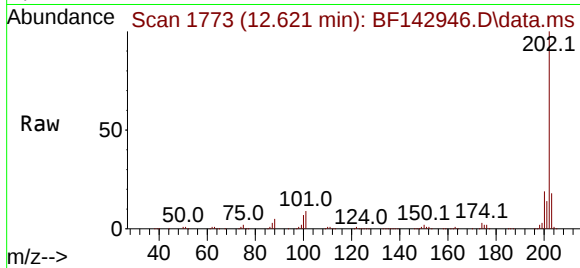




#75
Fluoranthene
Concen: 43.751 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

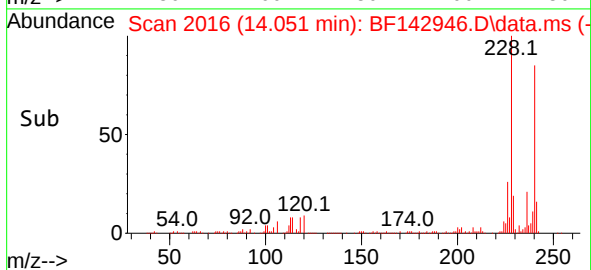
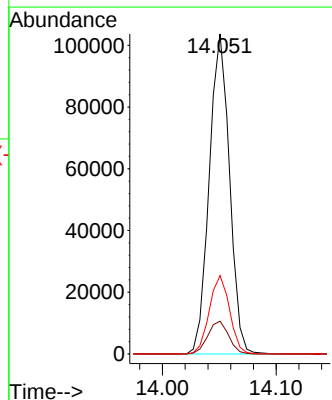
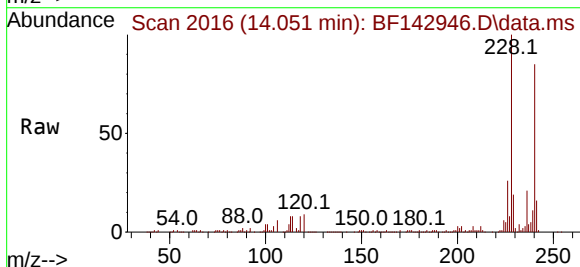
Instrument :
BNA_F
ClientSampleId :
PB168646BS

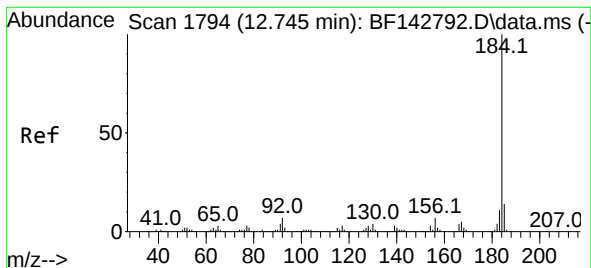
Tgt Ion:202 Resp: 448592
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:240 Resp: 128292
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 24.5 19.8 29.8





#77

Benzidine

Concen: 43.285 ng

RT: 12.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

Instrument :

BNA_F

ClientSampleId :

PB168646BS

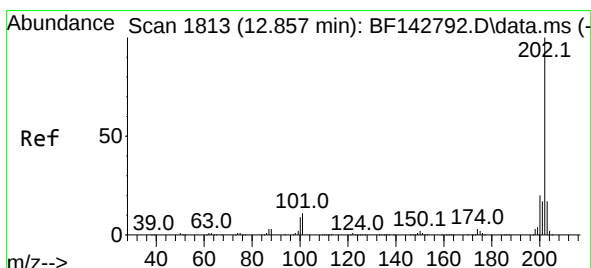
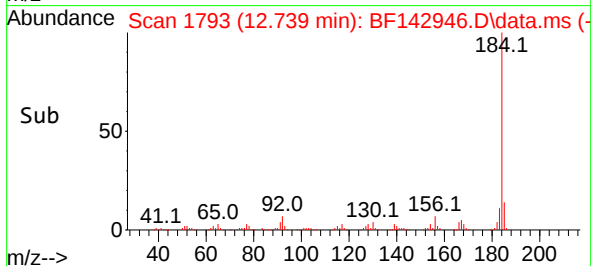
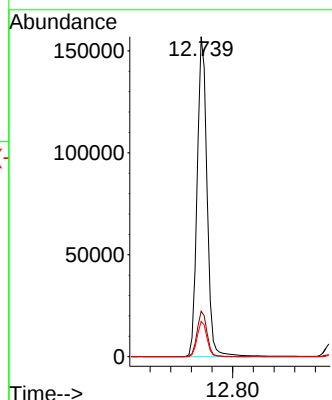
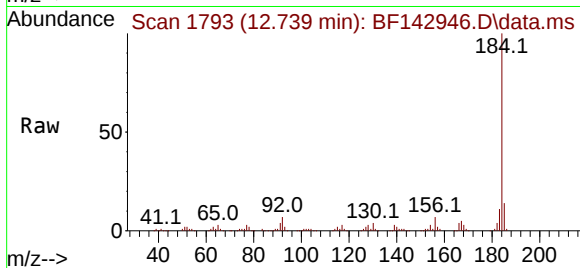
Tgt Ion:184 Resp: 208638

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.0 9.0 13.4



#78

Pyrene

Concen: 37.706 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

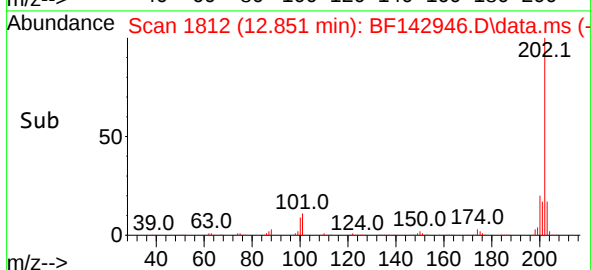
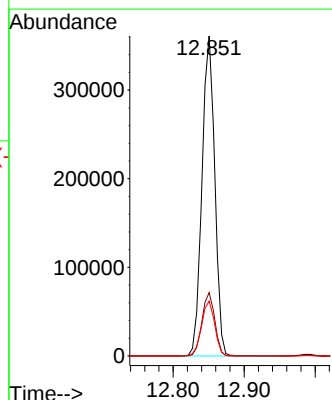
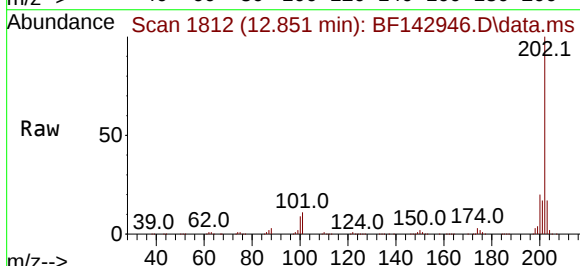
Tgt Ion:202 Resp: 453430

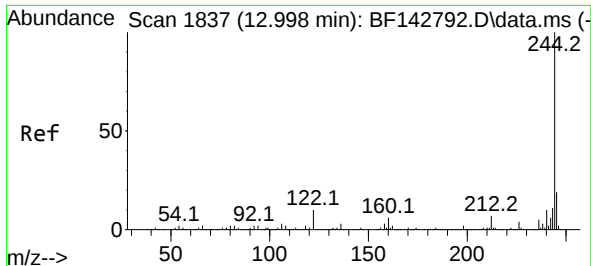
Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

203 17.2 13.8 20.6

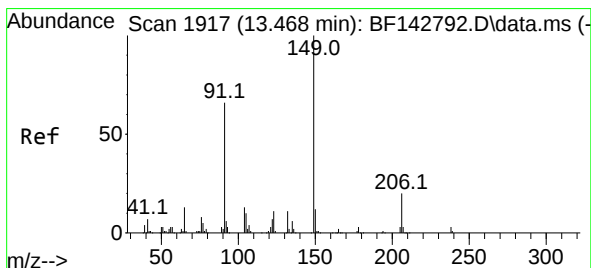
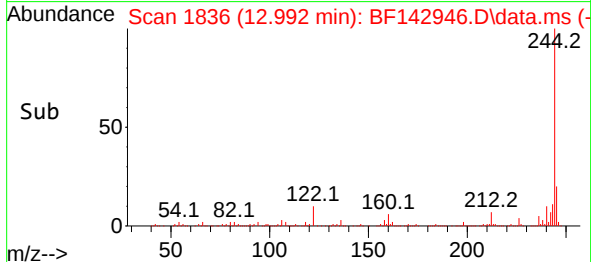
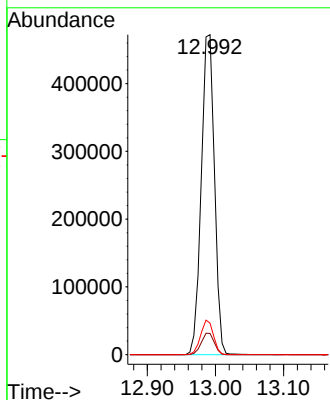
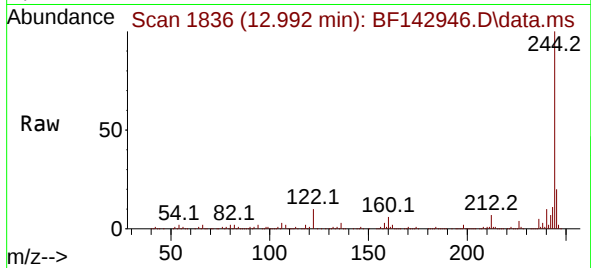




#79
 Terphenyl-d14
 Concen: 68.487 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142946.D
 Acq: 01 Jul 2025 13:19

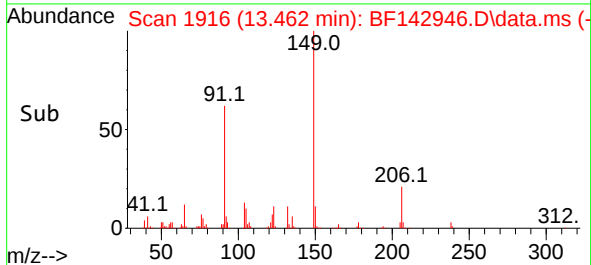
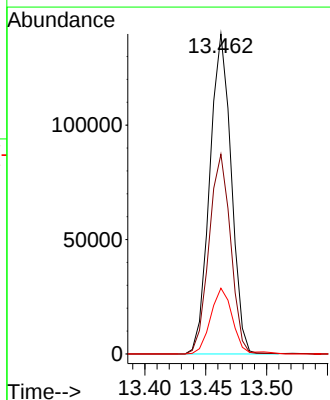
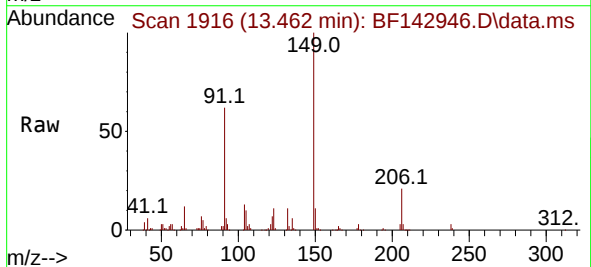
Instrument :
 BNA_F
 ClientSampleId :
 PB168646BS

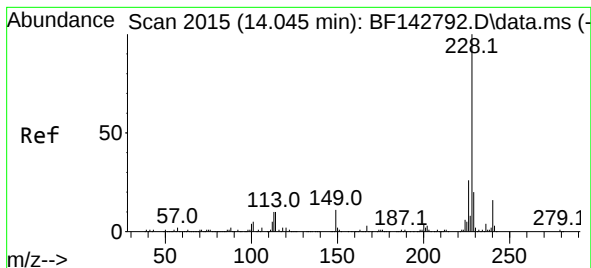
Tgt Ion:244 Resp: 635911
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.8 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 49.365 ng
 RT: 13.462 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF142946.D
 Acq: 01 Jul 2025 13:19

Tgt Ion:149 Resp: 172196
 Ion Ratio Lower Upper
 149 100
 91 62.4 52.9 79.3
 206 20.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 43.309 ng

RT: 14.039 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

Instrument :

BNA_F

ClientSampleId :

PB168646BS

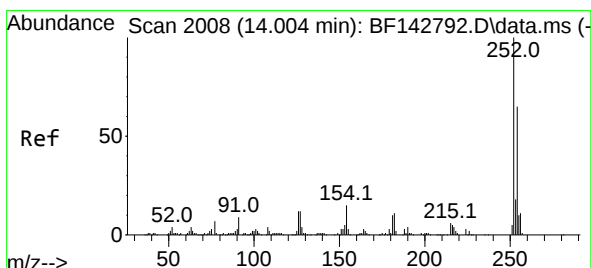
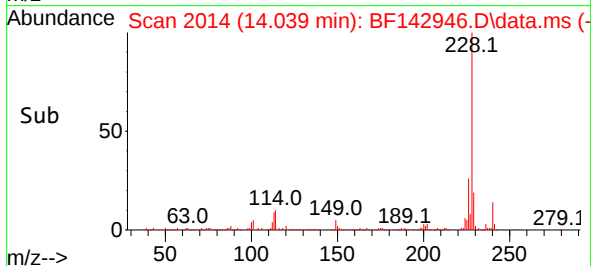
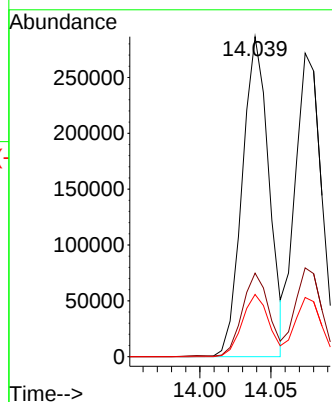
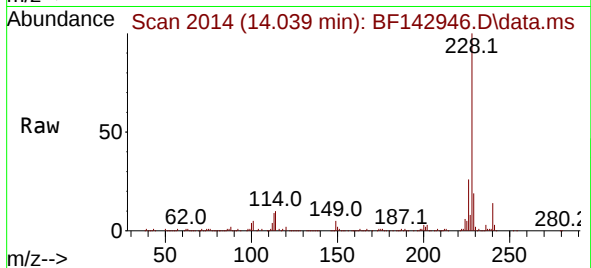
Tgt Ion:228 Resp: 374823

Ion Ratio Lower Upper

228 100

226 26.1 21.2 31.8

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 24.401 ng

RT: 13.998 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

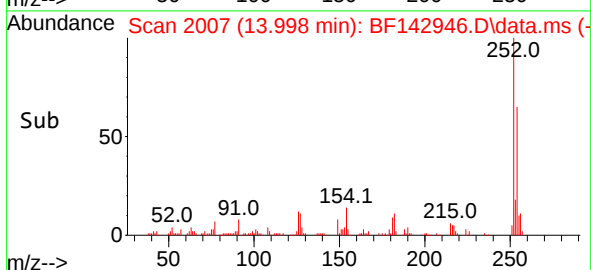
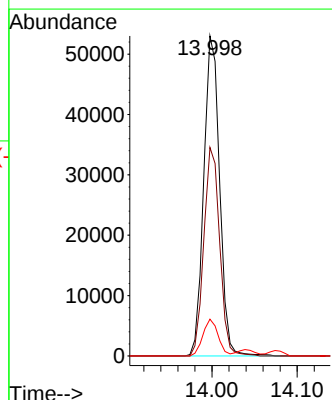
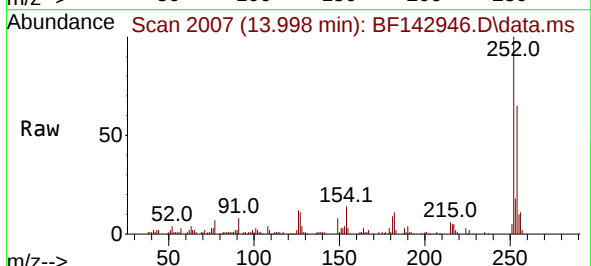
Tgt Ion:252 Resp: 68498

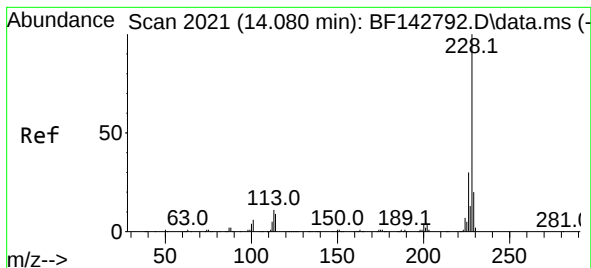
Ion Ratio Lower Upper

252 100

254 65.1 51.7 77.5

126 11.5 9.4 14.2





#83

Chrysene

Concen: 45.170 ng

RT: 14.074 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

Instrument :

BNA_F

ClientSampleId :

PB168646BS

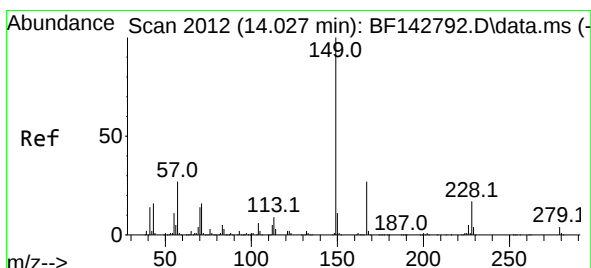
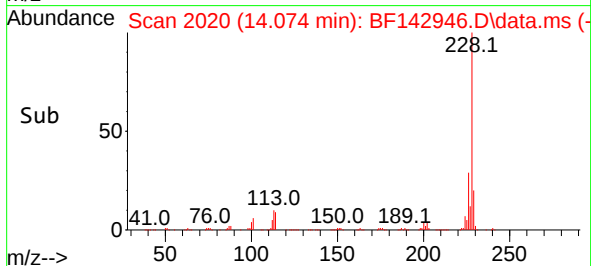
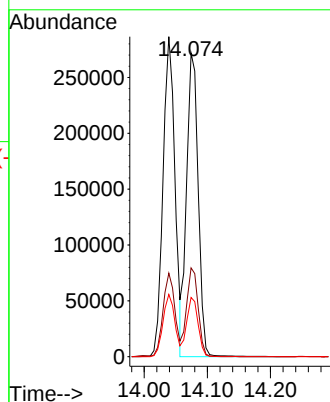
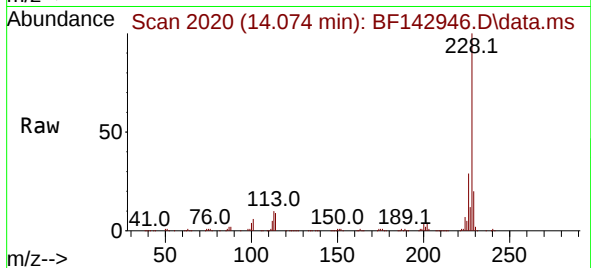
Tgt Ion:228 Resp: 348834

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: 51.377 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

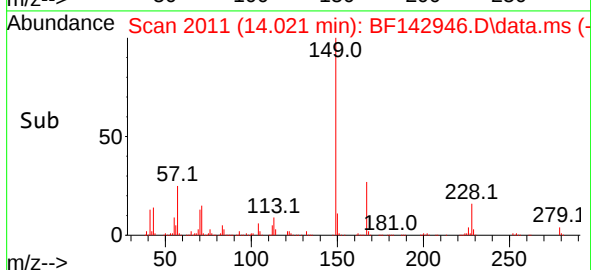
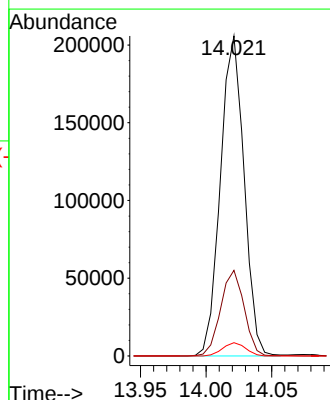
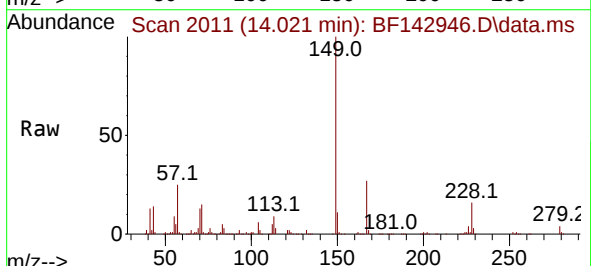
Tgt Ion:149 Resp: 257850

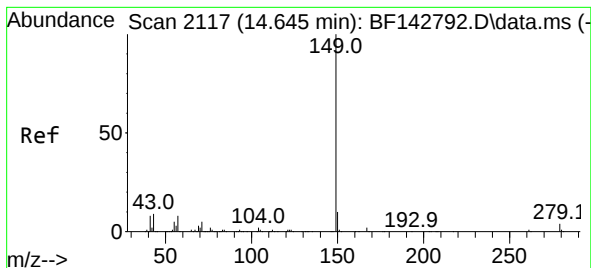
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.1 3.0 4.6

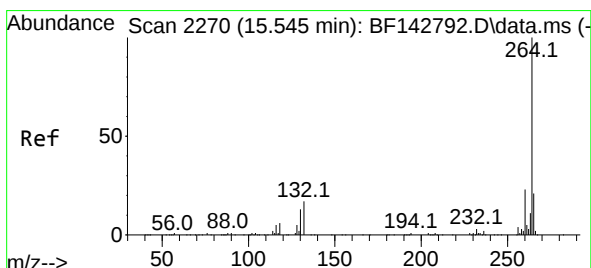
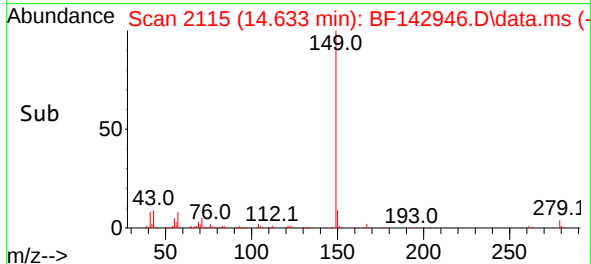
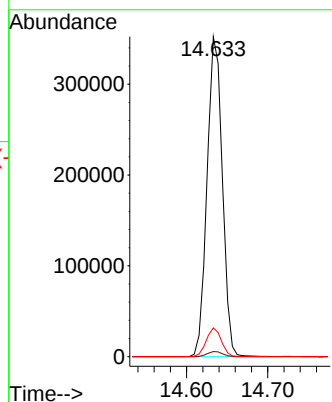
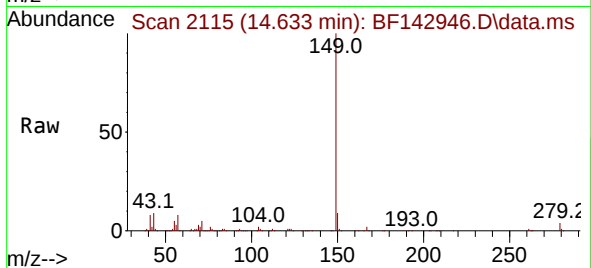




#85
Di-n-octyl phthalate
Concen: 48.558 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

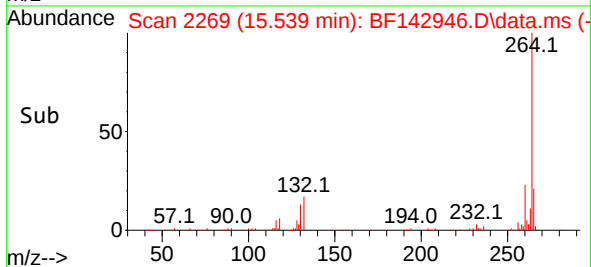
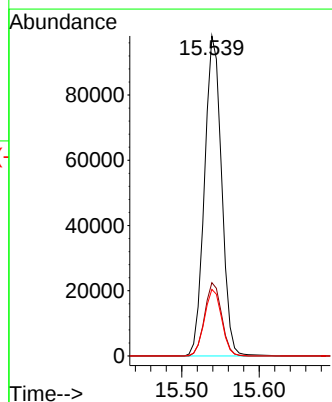
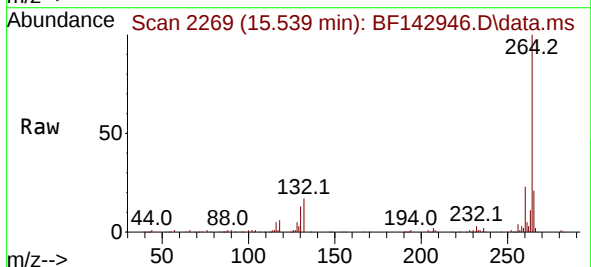
Instrument :
BNA_F
ClientSampleId :
PB168646BS

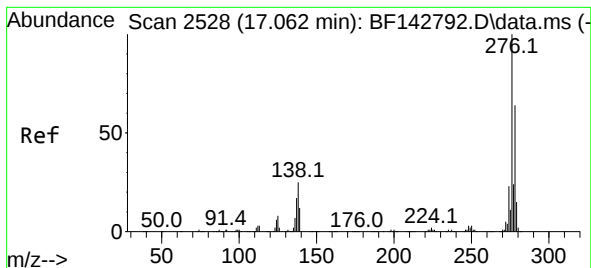
Tgt Ion:149 Resp: 459532
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:264 Resp: 150113
Ion Ratio Lower Upper
264 100
260 22.9 18.1 27.1
265 20.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.240 ng

RT: 17.056 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

Instrument :

BNA_F

ClientSampleId :

PB168646BS

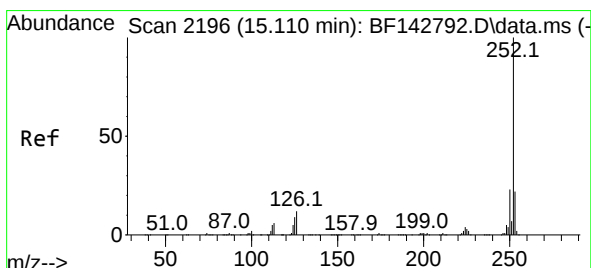
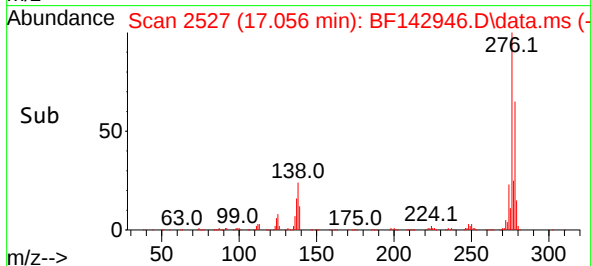
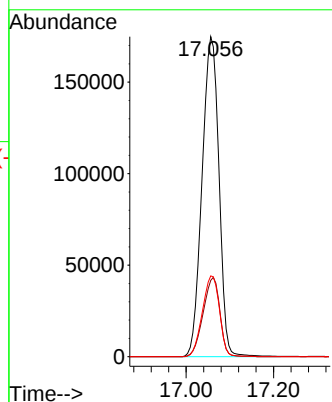
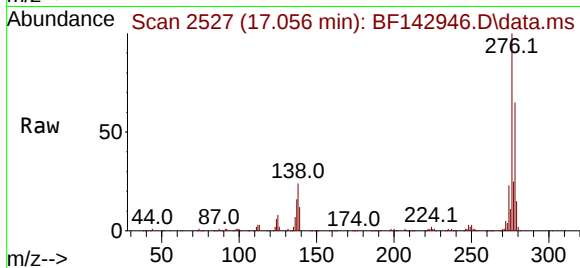
Tgt Ion:276 Resp: 471534

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.4

277 25.5 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 43.943 ng

RT: 15.103 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142946.D

Acq: 01 Jul 2025 13:19

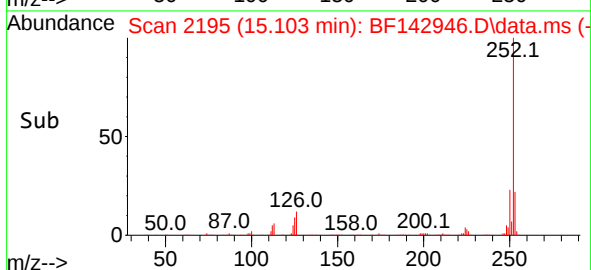
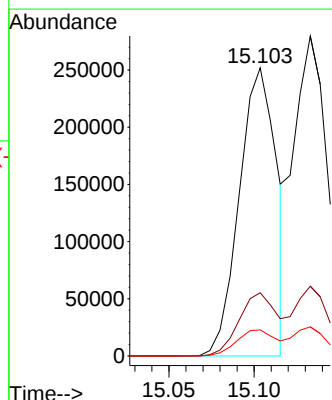
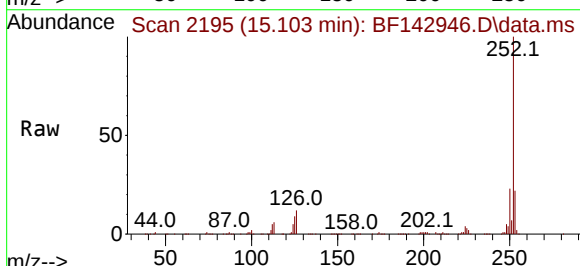
Tgt Ion:252 Resp: 381700

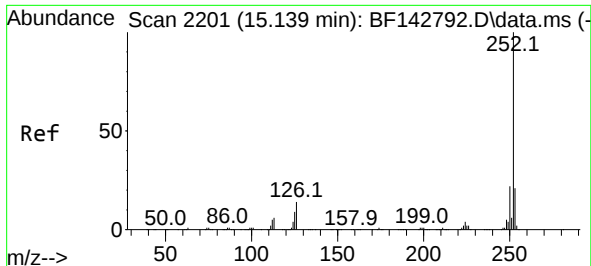
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.1 7.4 11.0

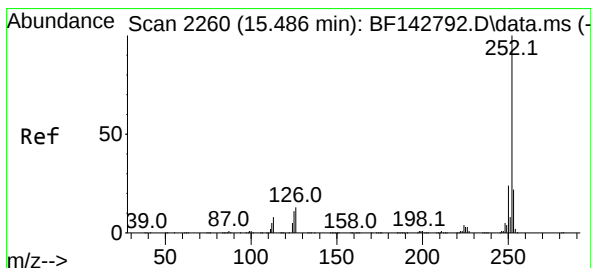
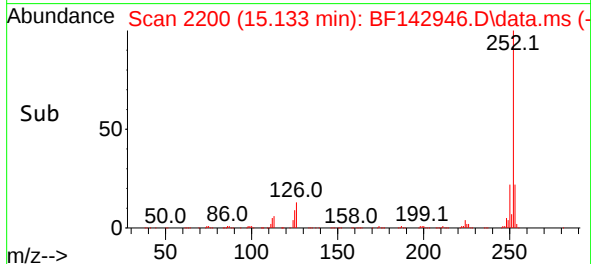
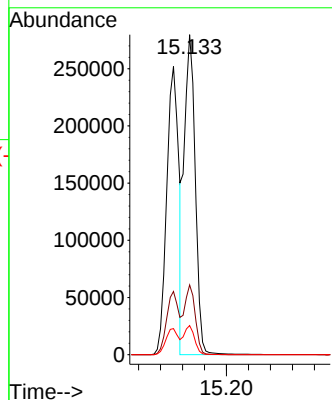
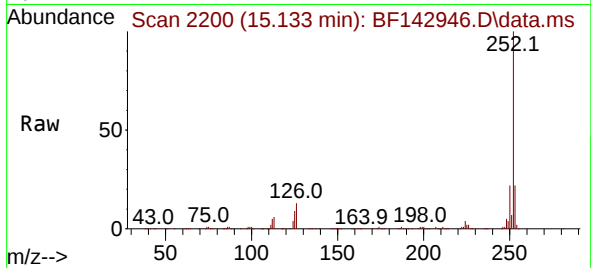




#89
Benzo(k)fluoranthene
Concen: 48.092 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

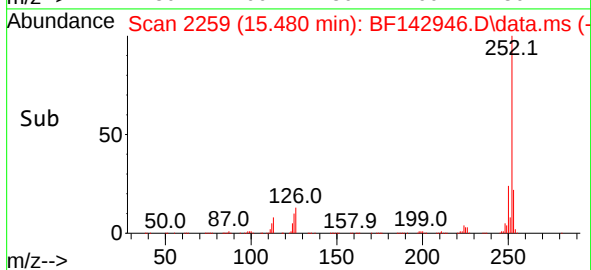
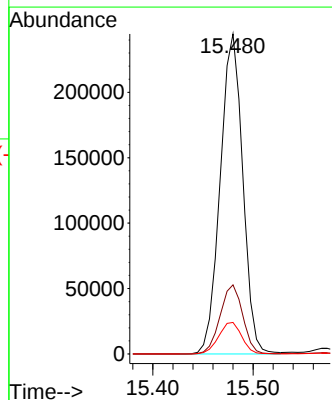
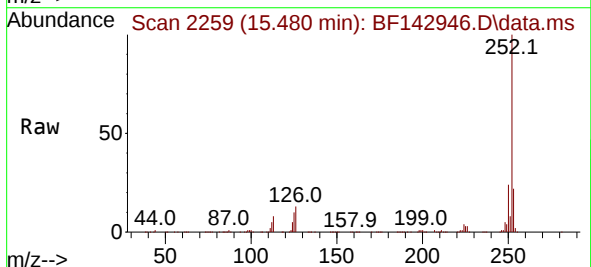
Instrument :
BNA_F
ClientSampleId :
PB168646BS

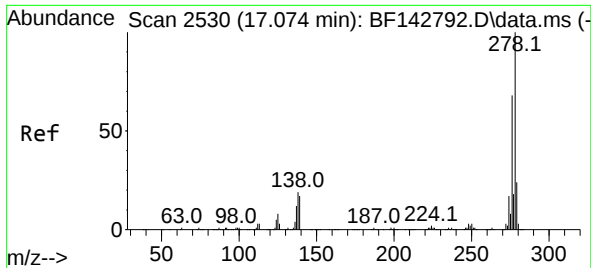
Tgt Ion:252 Resp: 390823
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 45.475 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:252 Resp: 381599
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.9 8.6 12.8

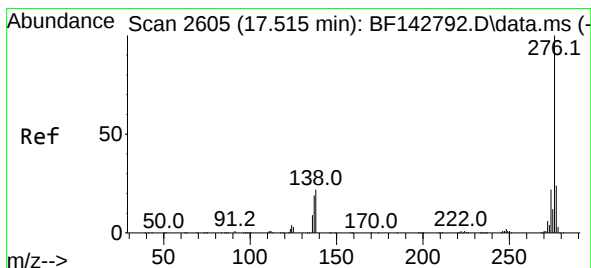
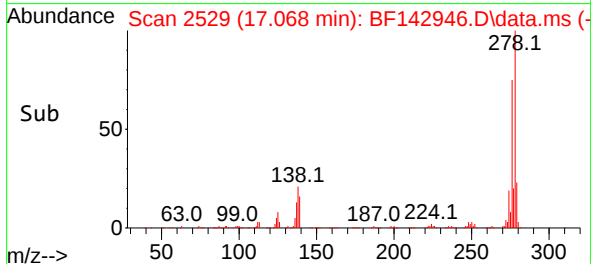
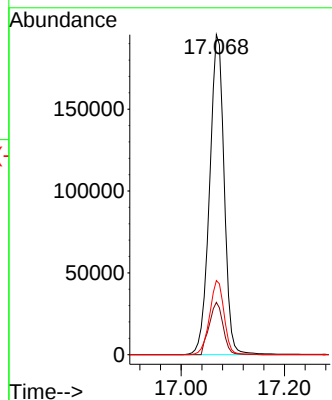
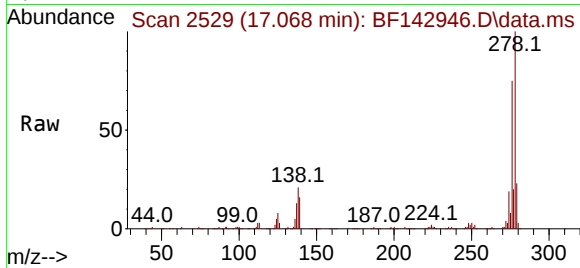




#91
Dibenzo(a,h)anthracene
Concen: 41.278 ng
RT: 17.068 min Scan# 2529
Delta R.T. -0.006 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Instrument :
BNA_F
ClientSampleId :
PB168646BS

Tgt Ion:278 Resp: 383480
Ion Ratio Lower Upper
278 100
139 16.4 13.5 20.3
279 23.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.066 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.000 min
Lab File: BF142946.D
Acq: 01 Jul 2025 13:19

Tgt Ion:276 Resp: 380430
Ion Ratio Lower Upper
276 100
277 22.9 18.8 28.2
138 20.0 17.6 26.4

