

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144236.D
 Acq On : 12 Nov 2025 18:50
 Operator : RC/JU
 Sample : PB170515BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170515BS

Quant Time: Nov 13 10:41:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	45402	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	180251	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	101053	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	166539	20.000	ng	0.00
76) Chrysene-d12	14.045	240	84699	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	112671	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	334570	115.316	ng	0.01
7) Phenol-d6	6.504	99	385516	117.270	ng	0.00
23) Nitrobenzene-d5	7.434	82	249688	80.004	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	139884	110.310	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	509312	74.438	ng	0.00
79) Terphenyl-d14	12.986	244	500617	93.883	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	50178	41.833	ng	98
3) Pyridine	3.487	79	147170	43.978	ng	99
4) n-Nitrosodimethylamine	3.440	42	84384	48.275	ng	92
6) Aniline	6.534	93	153296	32.729	ng	96
8) 2-Chlorophenol	6.657	128	124556	43.776	ng	98
9) Benzaldehyde	6.422	77	75921	40.898	ng	98
10) Phenol	6.516	94	167739	41.762	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	134789	46.055	ng	97
12) 1,3-Dichlorobenzene	6.810	146	150921	42.985	ng	96
13) 1,4-Dichlorobenzene	6.886	146	149097	42.388	ng	99
14) 1,2-Dichlorobenzene	7.039	146	141537	41.981	ng	99
15) Benzyl Alcohol	7.010	79	116903	44.909	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	268794	49.873	ng	98
17) 2-Methylphenol	7.122	107	101915	45.025	ng	97
18) Hexachloroethane	7.381	117	49609	42.451	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	94930	43.865	ng	97
20) 3+4-Methylphenols	7.275	107	109917	41.194	ng	97
22) Acetophenone	7.275	105	157378	40.700	ng	93
24) Nitrobenzene	7.451	77	144126	42.532	ng	99
25) Isophorone	7.686	82	263493	44.635	ng	100
26) 2-Nitrophenol	7.769	139	74133	44.194	ng	98
27) 2,4-Dimethylphenol	7.804	122	119044	47.349	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	161394	43.781	ng	97
29) 2,4-Dichlorophenol	8.010	162	117076	40.402	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	123719	41.578	ng	98
31) Naphthalene	8.175	128	346477	40.409	ng	99
32) Benzoic acid	7.933	122	79816	43.309	ng	94
33) 4-Chloroaniline	8.222	127	51152	16.357	ng	97
34) Hexachlorobutadiene	8.286	225	85612	38.176	ng	99
35) Caprolactam	8.598	113	24639	31.035	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	112760	43.419	ng	98
37) 2-Methylnaphthalene	8.863	142	214401	37.399	ng	99
38) 1-Methylnaphthalene	8.963	142	219790	39.734	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	125809	37.988	ng	98
41) Hexachlorocyclopentadiene	9.016	237	115457	86.467	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	93067	41.288	ng	99

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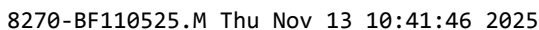
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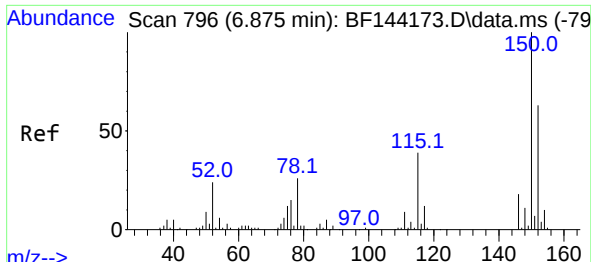
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	92917	38.247	ng	97
46) 1,1'-Biphenyl	9.328	154	285865	40.526	ng	99
47) 2-Chloronaphthalene	9.357	162	240609	39.988	ng	100
48) 2-Nitroaniline	9.451	65	77854	44.844	ng	100
49) Acenaphthylene	9.775	152	370278	45.159	ng	100
50) Dimethylphthalate	9.633	163	285446	42.638	ng	99
51) 2,6-Dinitrotoluene	9.698	165	62667	46.242	ng	96
52) Acenaphthene	9.945	154	206698	37.697	ng	98
53) 3-Nitroaniline	9.863	138	37825	25.533	ng	98
54) 2,4-Dinitrophenol	9.975	184	56433	68.960	ng	97
55) Dibenzofuran	10.116	168	306185	39.871	ng	99
56) 4-Nitrophenol	10.033	139	85624	79.902	ng	98
57) 2,4-Dinitrotoluene	10.104	165	79721	43.943	ng	91
58) Fluorene	10.463	166	235506	40.336	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	73860	42.971	ng	98
60) Diethylphthalate	10.333	149	265856	43.079	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	131377	39.502	ng	99
62) 4-Nitroaniline	10.480	138	59767	42.364	ng	93
63) Azobenzene	10.610	77	263433	45.866	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	45609	40.313	ng	97
66) n-Nitrosodiphenylamine	10.569	169	241641	45.113	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	86208	40.555	ng	96
68) Hexachlorobenzene	11.010	284	103591	41.373	ng	98
69) Atrazine	11.098	200	79812	46.854	ng	98
70) Pentachlorophenol	11.204	266	97885	78.509	ng	97
71) Phenanthrene	11.427	178	351466	42.388	ng	100
72) Anthracene	11.474	178	358443	42.513	ng	100
73) Carbazole	11.633	167	305936	42.672	ng	99
74) Di-n-butylphthalate	11.957	149	399956	46.147	ng	99
75) Fluoranthene	12.616	202	344156	40.180	ng	98
77) Benzidine	12.739	184	155632	62.120	ng	99
78) Pyrene	12.845	202	332878	48.743	ng	100
80) Butylbenzylphthalate	13.463	149	124612	52.647	ng	100
81) Benzo(a)anthracene	14.033	228	273075	46.518	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	50489	25.092	ng	94
83) Chrysene	14.074	228	241482	44.562	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	158832	49.020	ng	100
85) Di-n-octyl phthalate	14.633	149	241505	43.200	ng	98
87) Indeno(1,2,3-cd)pyrene	17.027	276	334616	41.372	ng	97
88) Benzo(b)fluoranthene	15.121	252	249896	39.012	ng	99
89) Benzo(k)fluoranthene	15.121	252	249896	41.680	ng	98
90) Benzo(a)pyrene	15.462	252	270772	45.821	ng	# 97
91) Dibenzo(a,h)anthracene	17.045	278	270183	41.595	ng	99
92) Benzo(g,h,i)perylene	17.480	276	266444	41.538	ng	97

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

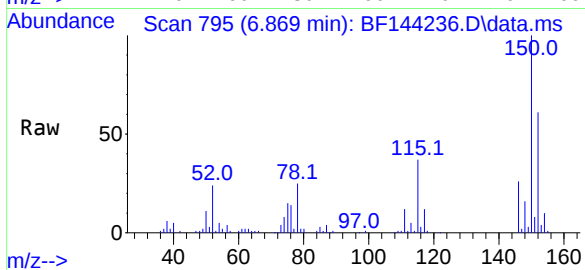
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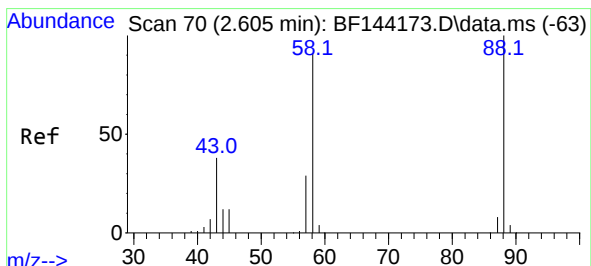
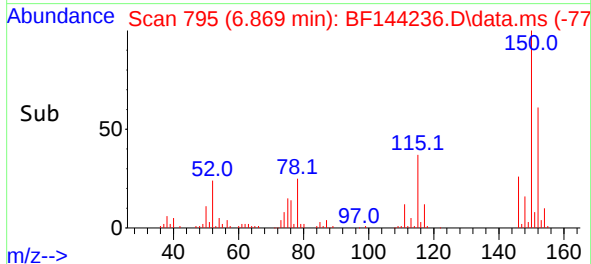
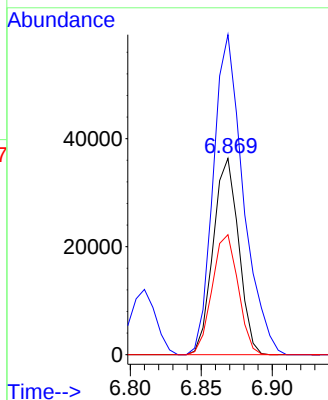


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Instrument :
BNA_F
ClientSampleId :
PB170515BS

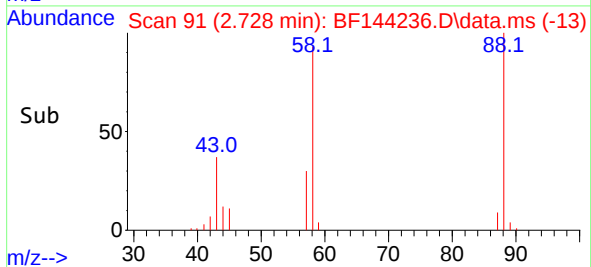
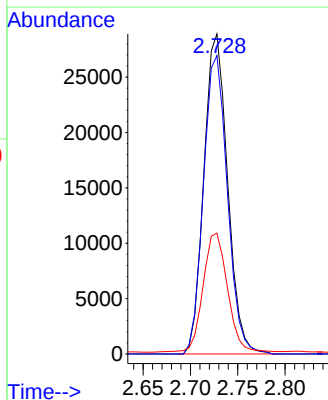
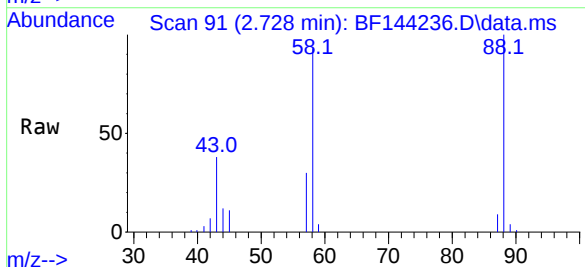


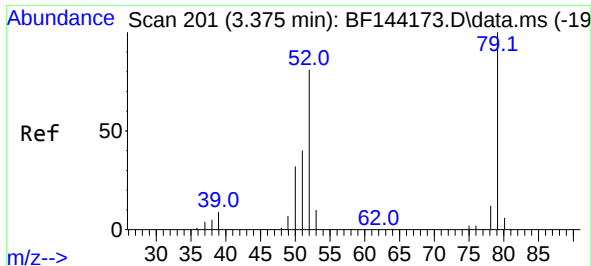
Tgt Ion:152 Resp: 45402
Ion Ratio Lower Upper
152 100
150 162.9 127.4 191.0
115 61.1 49.5 74.3



#2
1,4-Dioxane
Concen: 41.833 ng
RT: 2.728 min Scan# 91
Delta R.T. 0.112 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion: 88 Resp: 50178
Ion Ratio Lower Upper
88 100
58 94.4 73.1 109.7
43 38.4 31.0 46.6

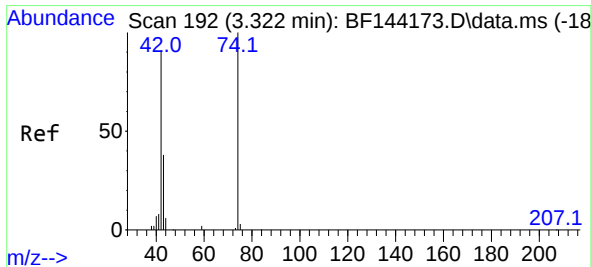
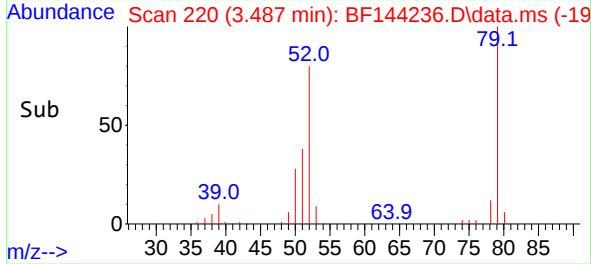
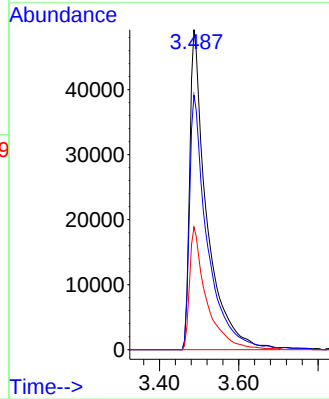
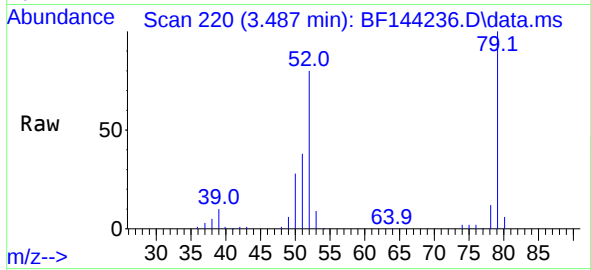




#3
Pyridine
Concen: 43.978 ng
RT: 3.487 min Scan# 211
Delta R.T. 0.076 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

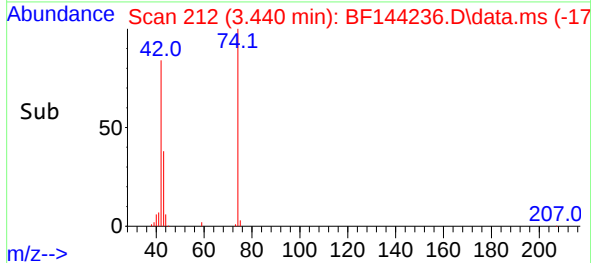
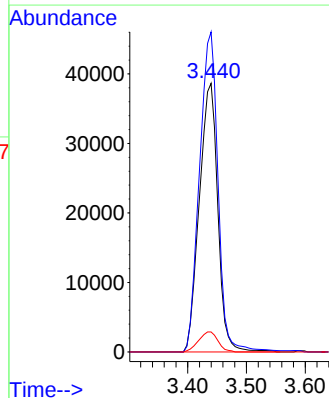
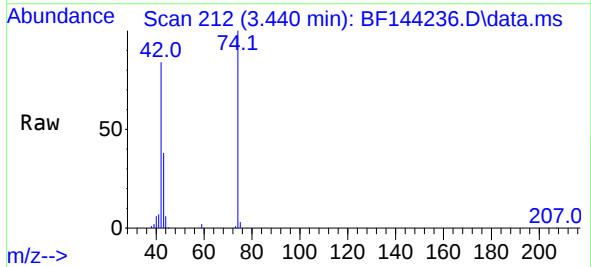
Instrument :
BNA_F
ClientSampleId :
PB170515BS

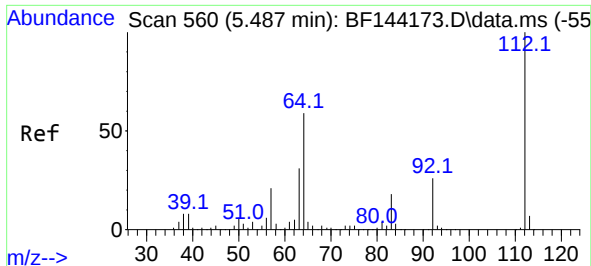
Tgt Ion: 79 Resp: 147170
Ion Ratio Lower Upper
79 100
52 79.5 64.5 96.7
51 38.3 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 48.275 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.094 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion: 42 Resp: 84384
Ion Ratio Lower Upper
42 100
74 119.1 88.2 132.4
44 7.4 5.7 8.5

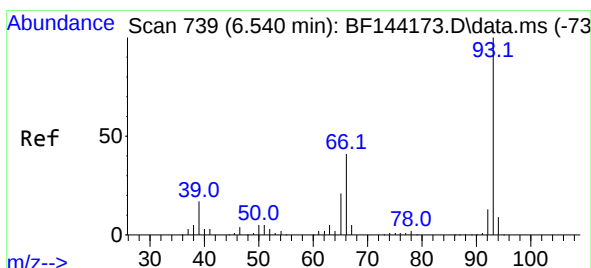
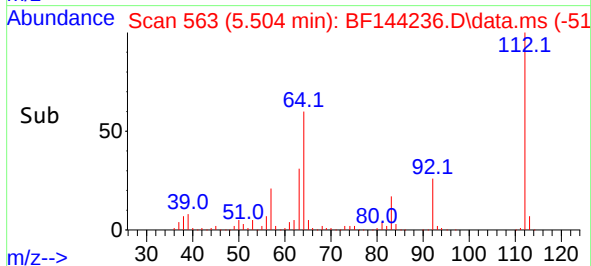
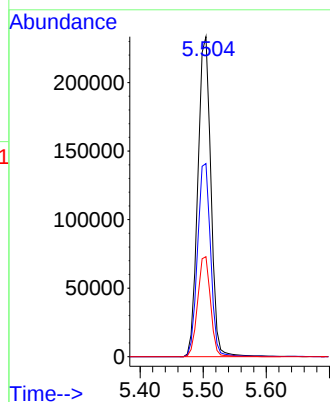
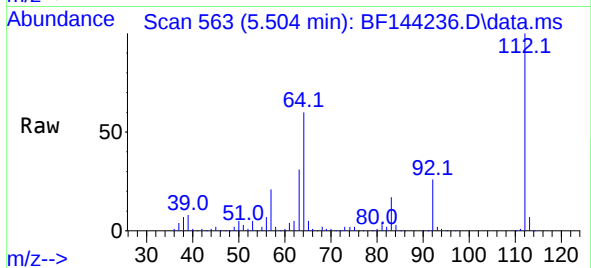




#5
2-Fluorophenol
Concen: 115.316 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

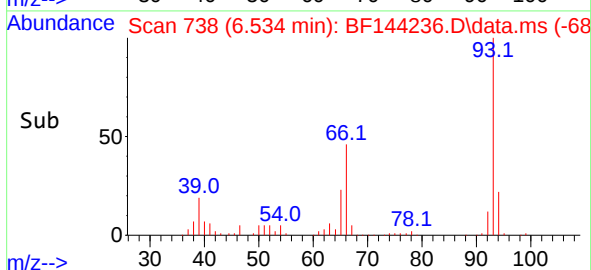
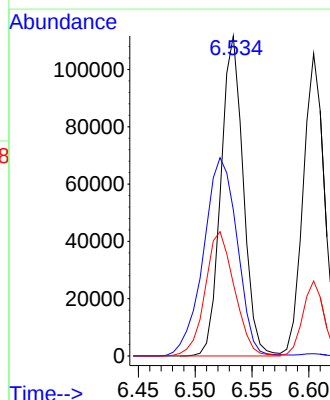
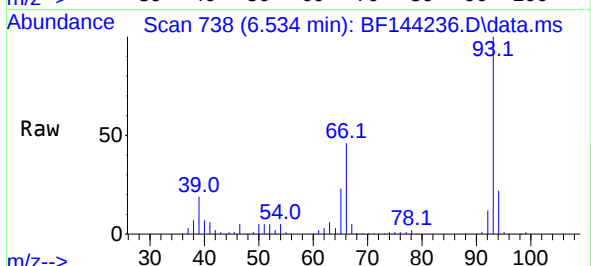
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ClientSampleId :
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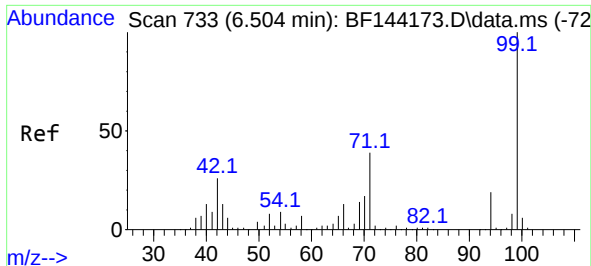
Tgt Ion:112 Resp: 334570
Ion Ratio Lower Upper
112 100
64 60.4 47.2 70.8
63 31.2 24.4 36.6



#6
Aniline
Concen: 32.729 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion: 93 Resp: 153296
Ion Ratio Lower Upper
93 100
66 45.6 34.3 51.5
65 22.6 16.9 25.3

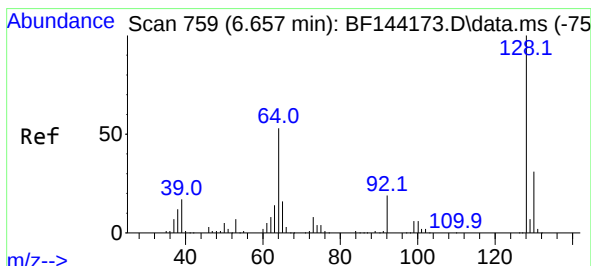
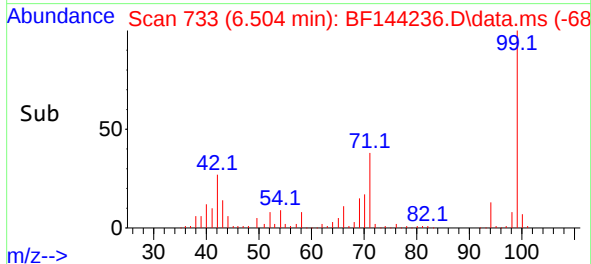
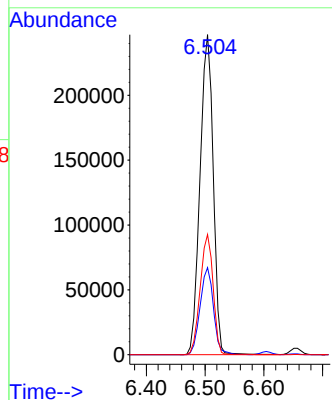
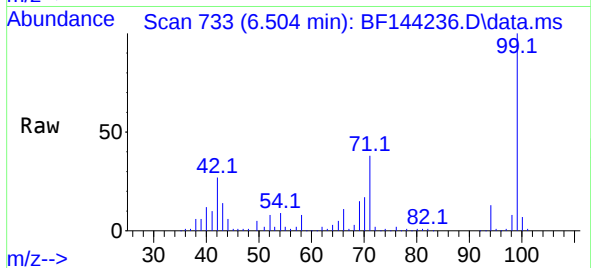




#7
Phenol-d6
Concen: 117.270 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

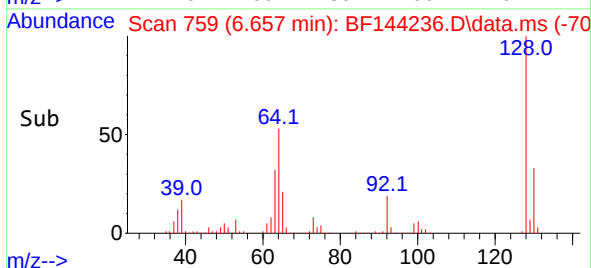
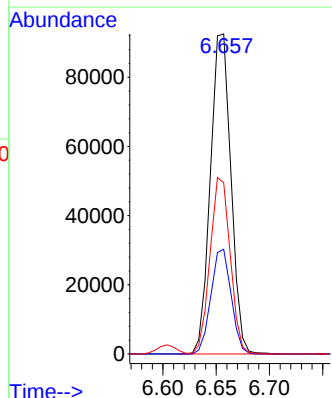
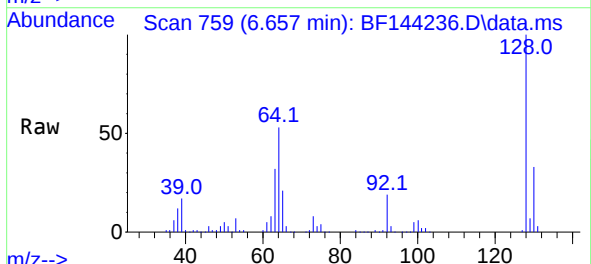
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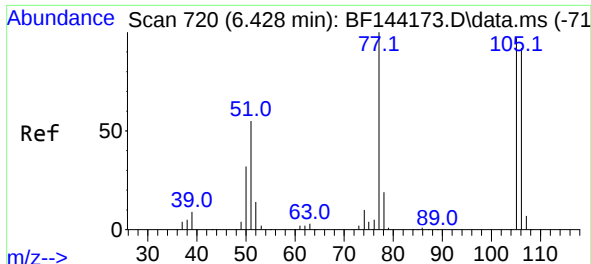
Tgt Ion: 99 Resp: 385516
Ion Ratio Lower Upper
99 100
42 27.2 20.9 31.3
71 37.5 31.4 47.2



#8
2-Chlorophenol
Concen: 43.776 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:128 Resp: 124556
Ion Ratio Lower Upper
128 100
130 32.7 10.5 50.5
64 53.5 33.2 73.2



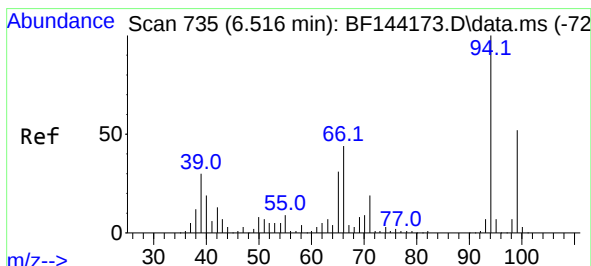
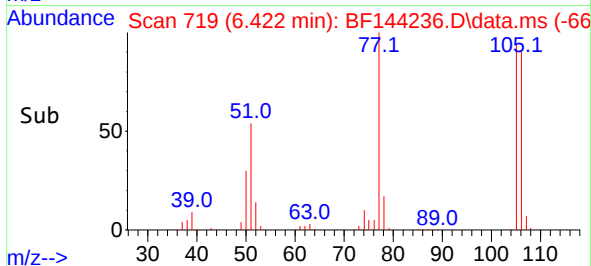
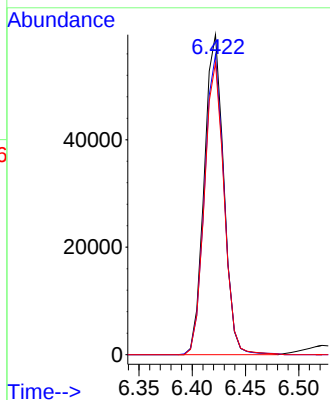
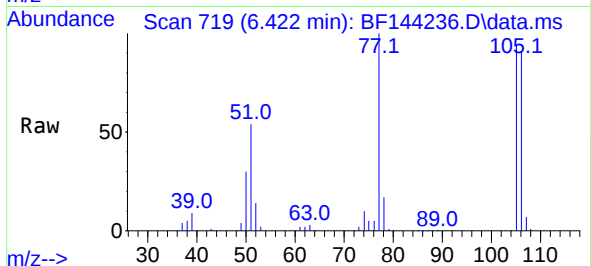


#9
Benzaldehyde
Concen: 40.898 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Instrument :
BNA_F
ClientSampleId :
PB170515BS

Tgt Ion: 77 Resp: 75921

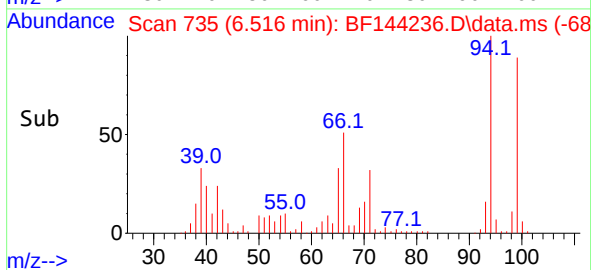
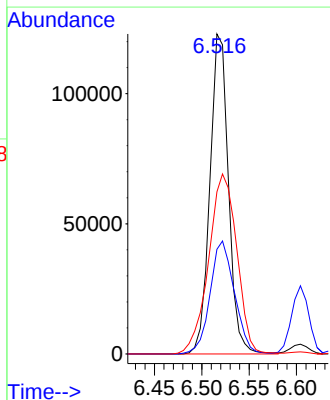
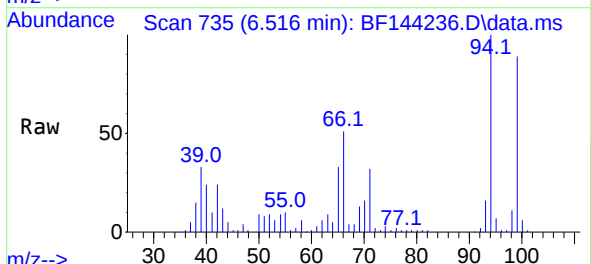
Ion	Ratio	Lower	Upper
77	100		
105	93.8	77.2	117.2
106	91.2	72.2	112.2

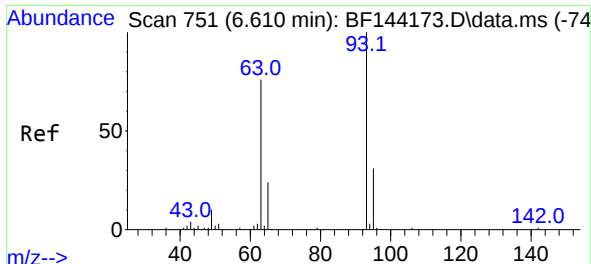


#10
Phenol
Concen: 41.762 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion: 94 Resp: 167739

Ion	Ratio	Lower	Upper
94	100		
65	32.7	10.8	50.8
66	50.6	24.3	64.3



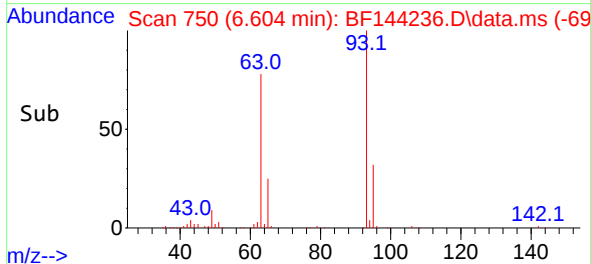
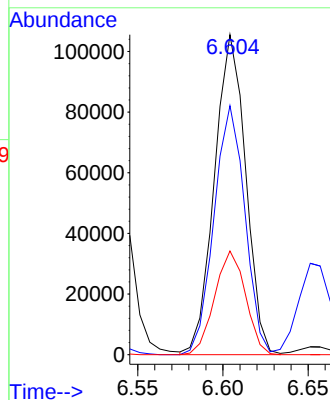
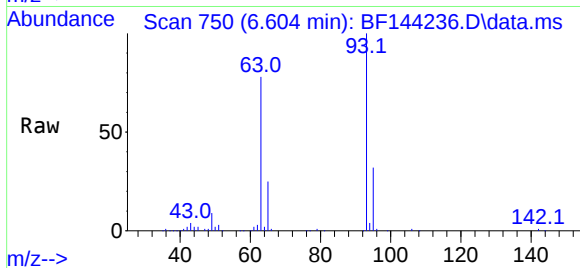


#11
bis(2-Chloroethyl)ether
Concen: 46.055 ng
RT: 6.604 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Instrument :
BNA_F
ClientSampleId :
PB170515BS

Tgt Ion: 93 Resp: 134789

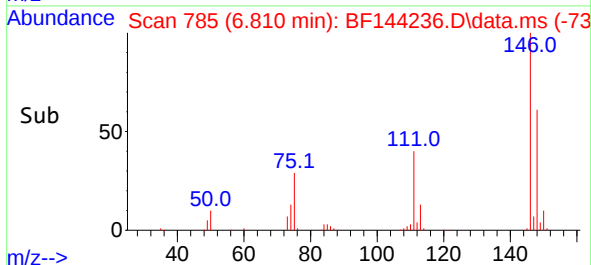
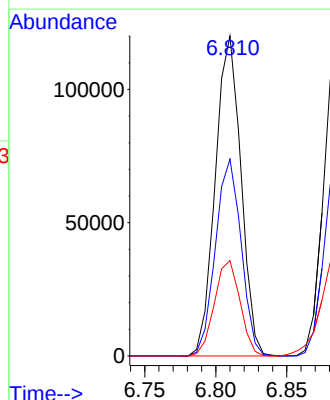
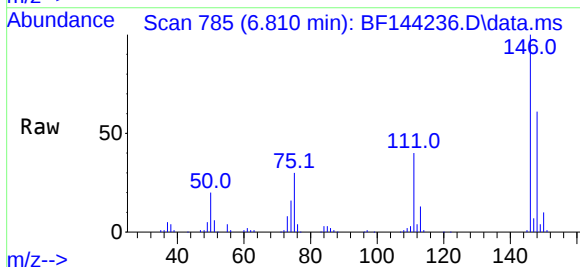
Ion	Ratio	Lower	Upper
93	100		
63	77.8	55.2	95.2
95	32.4	11.2	51.2

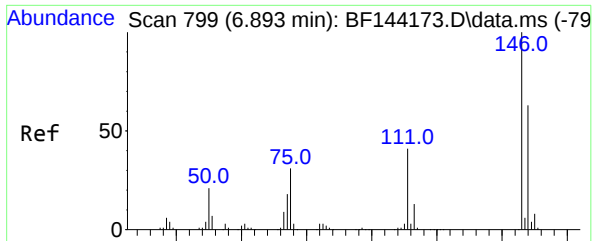


#12
1,3-Dichlorobenzene
Concen: 42.985 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:146 Resp: 150921

Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.8	77.8
75	29.8	25.0	37.4

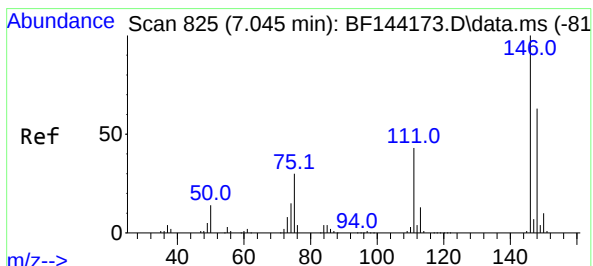
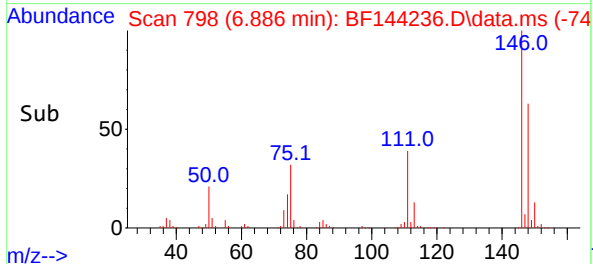
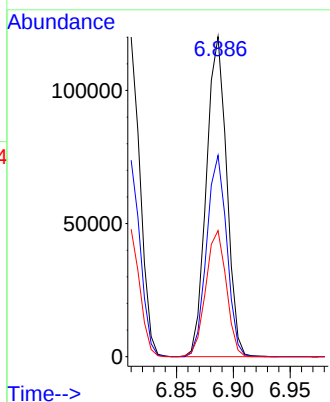
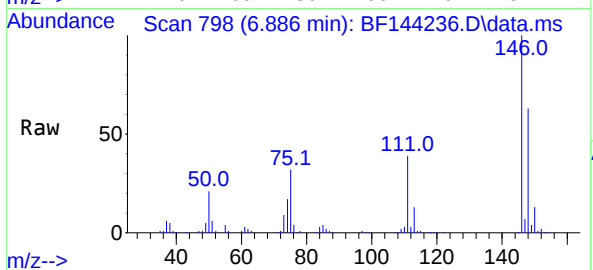




#13
1,4-Dichlorobenzene
Concen: 42.388 ng
RT: 6.886 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

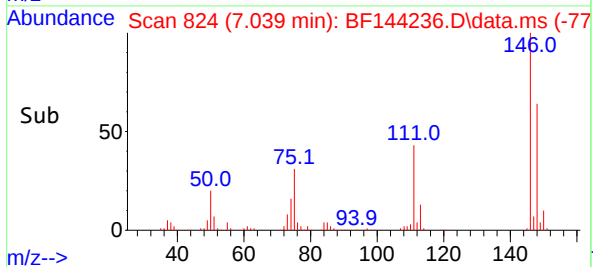
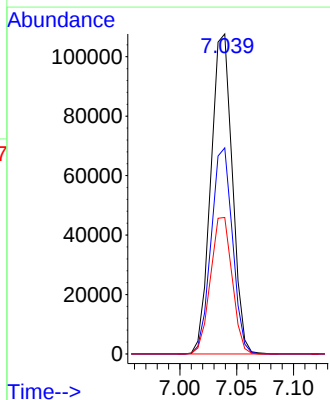
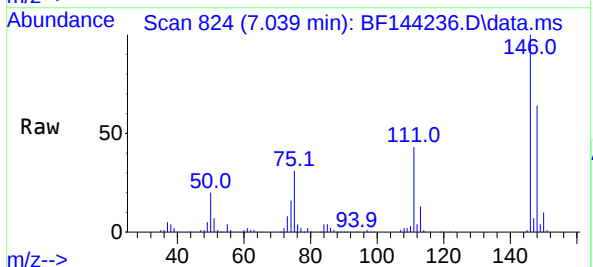
Instrument :
BNA_F
ClientSampleId :
PB170515BS

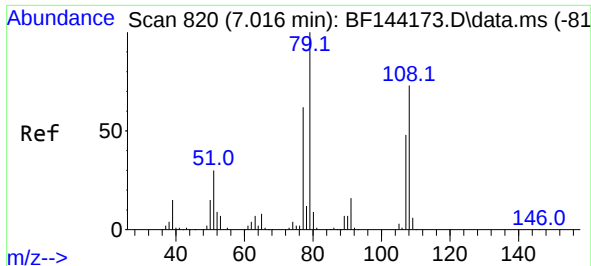
Tgt Ion:146 Resp: 149097
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.2
111 39.4 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 41.981 ng
RT: 7.039 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:146 Resp: 141537
Ion Ratio Lower Upper
146 100
148 64.4 50.7 76.1
111 42.6 34.2 51.4

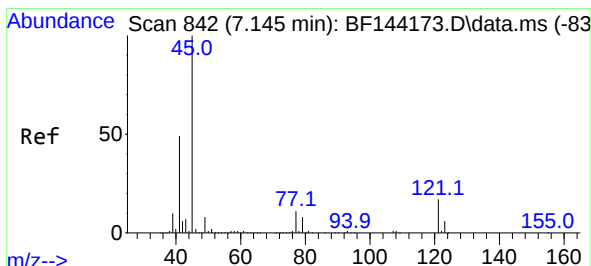
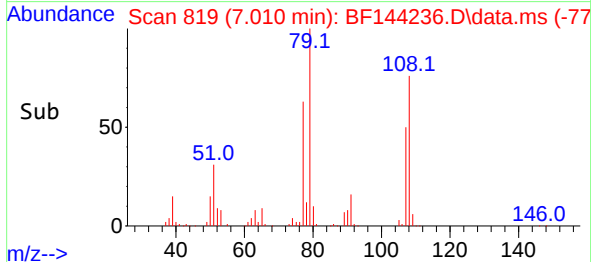
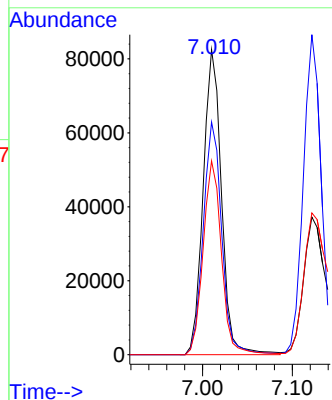
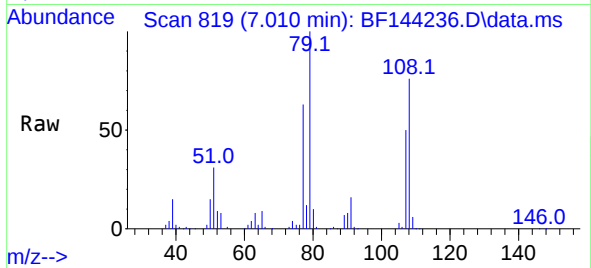




#15
Benzyl Alcohol
Concen: 44.909 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

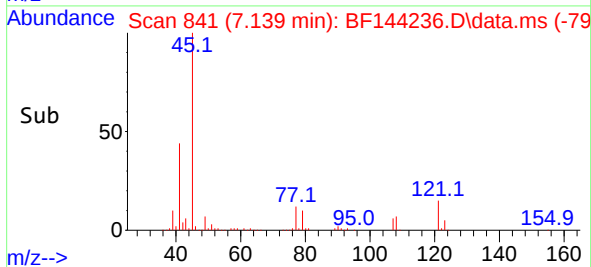
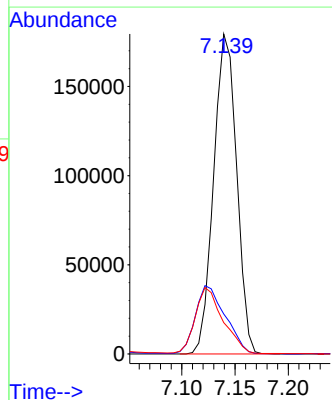
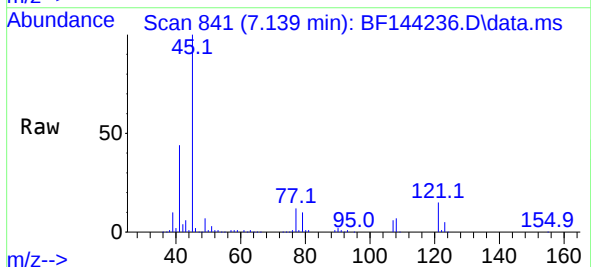
Instrument :
BNA_F
ClientSampleId :
PB170515BS

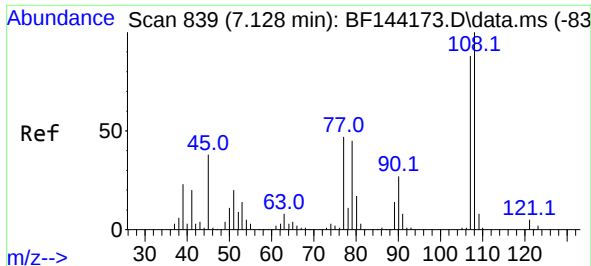
Tgt Ion: 79 Resp: 116903
Ion Ratio Lower Upper
79 100
108 76.3 58.2 87.4
77 63.5 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.873 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion: 45 Resp: 268794
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.8
79 9.8 0.0 29.1

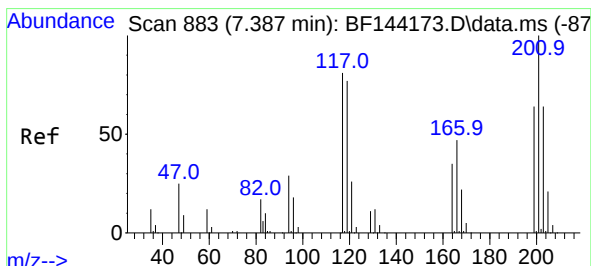
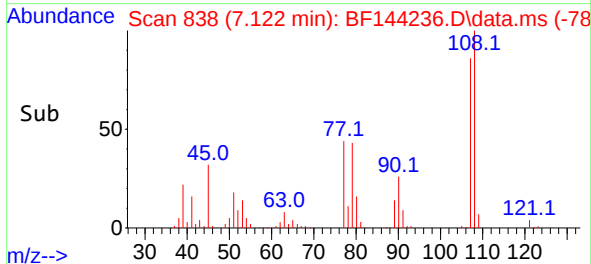
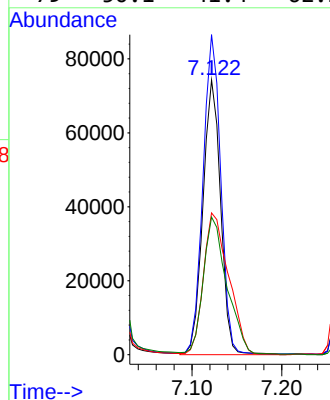
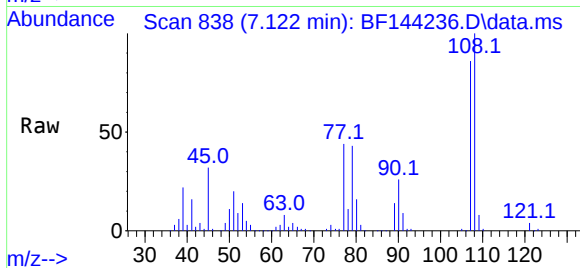




#17
2-Methylphenol
Concen: 45.025 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

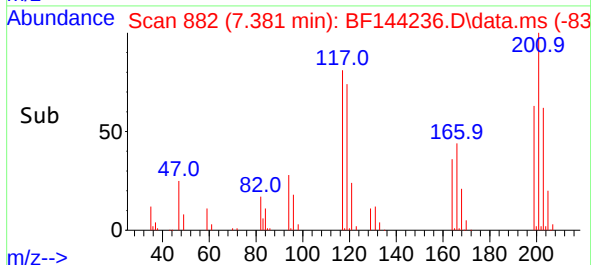
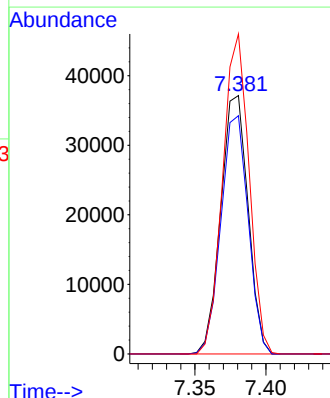
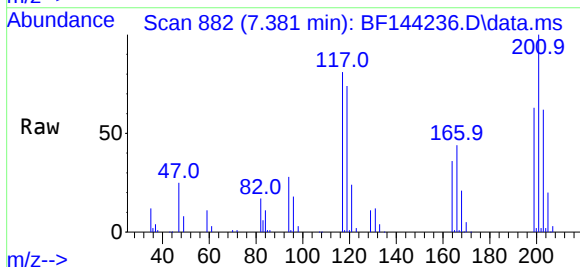
Instrument :
BNA_F
ClientSampleId :
PB170515BS

Tgt Ion:	107	Resp:	101915
Ion	Ratio	Lower	Upper
107	100		
108	116.5	91.0	136.4
77	51.6	42.7	64.1
79	50.1	41.4	62.2



#18
Hexachloroethane
Concen: 42.451 ng
RT: 7.381 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:	117	Resp:	49609
Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.8	113.8
201	123.8	98.9	148.3



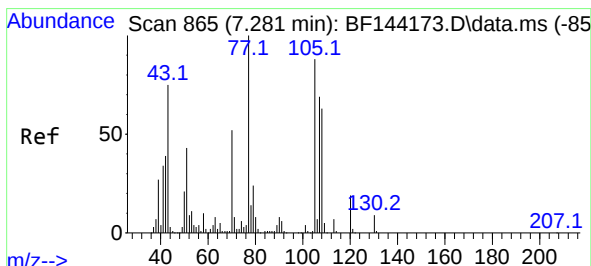
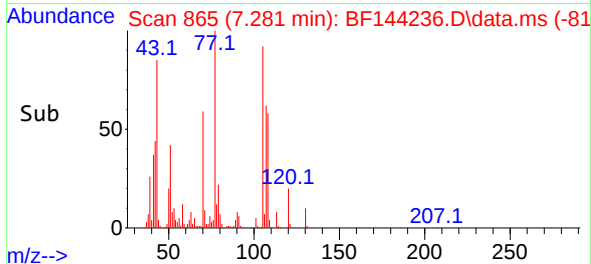
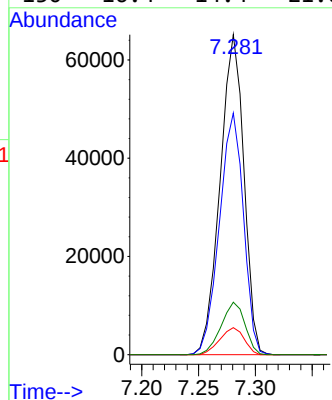
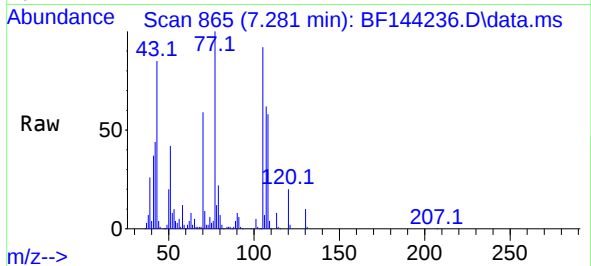


#19
n-Nitroso-di-n-propylamine
Concen: 43.865 ng
RT: 7.281 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Instrument :
BNA_F
ClientSampleId :
PB170515BS

Tgt Ion: 70 Resp: 94930

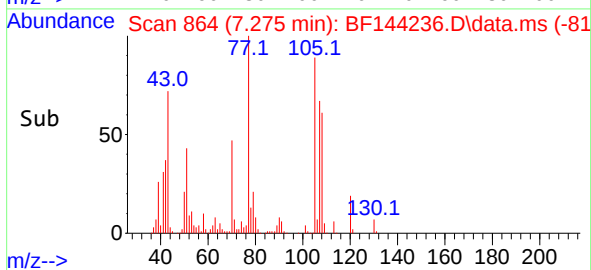
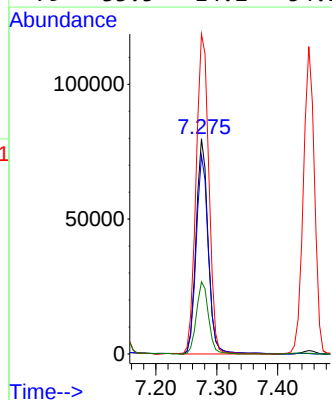
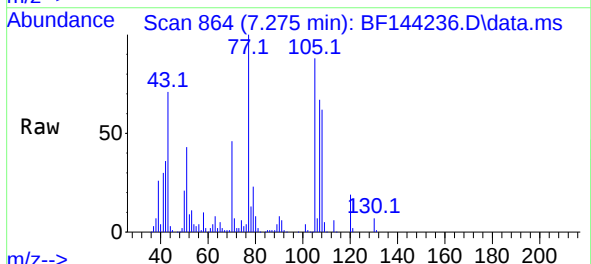
Ion	Ratio	Lower	Upper
70	100		
42	75.5	58.3	87.5
101	8.5	7.0	10.6
130	16.4	14.4	21.6

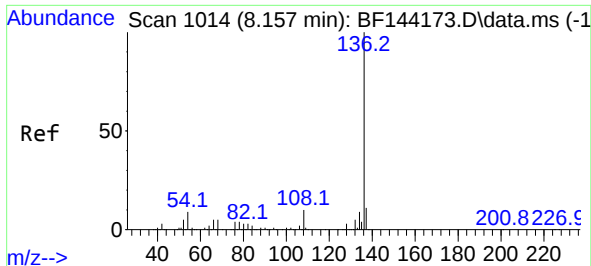


#20
3+4-Methylphenols
Concen: 41.194 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion: 107 Resp: 109917

Ion	Ratio	Lower	Upper
107	100		
108	92.1	70.2	110.2
77	148.7	123.9	163.9
79	33.5	14.2	54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144236.D

Acq: 12 Nov 2025 18:50

Instrument :

BNA_F

ClientSampleId :

PB170515BS

Tgt Ion:136 Resp: 180251

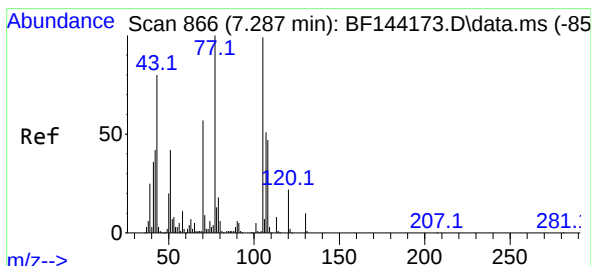
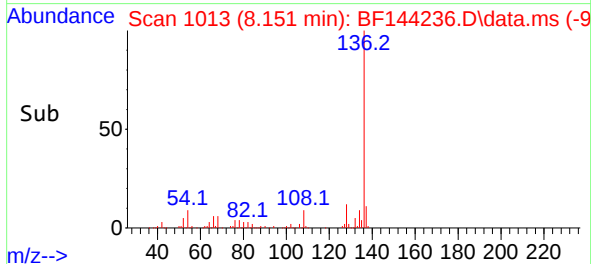
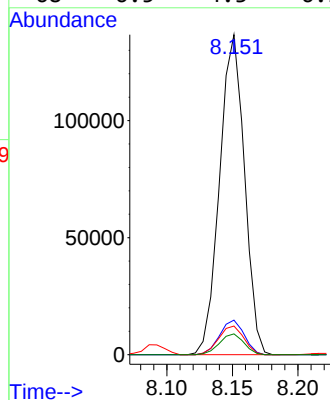
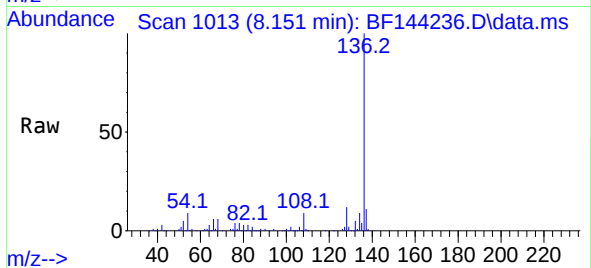
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.9 7.0 10.6

68 6.5 4.3 6.5#



#22

Acetophenone

Concen: 40.700 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144236.D

Acq: 12 Nov 2025 18:50

Tgt Ion:105 Resp: 157378

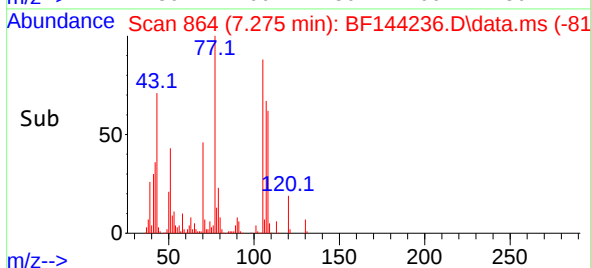
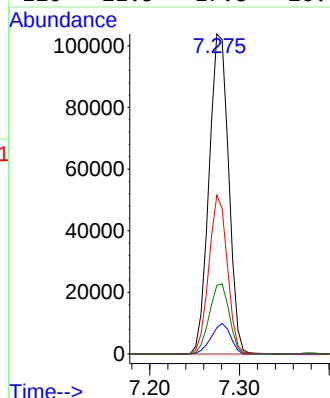
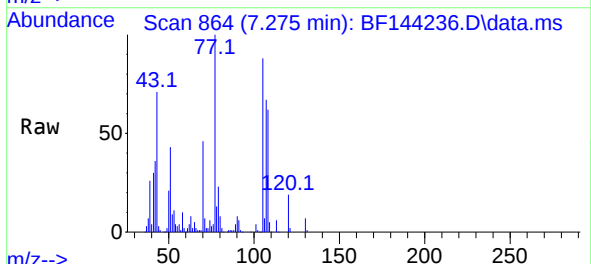
Ion Ratio Lower Upper

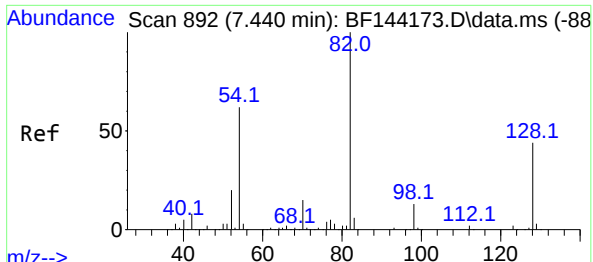
105 100

71 8.2 7.2 10.8

51 49.6 34.0 51.0

120 21.5 17.8 26.6

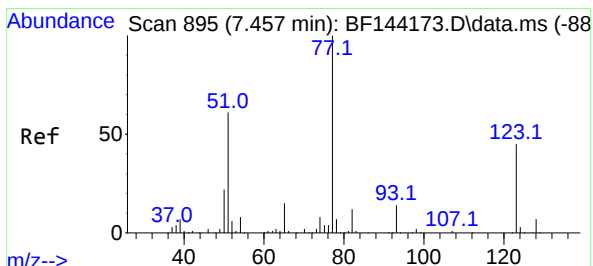
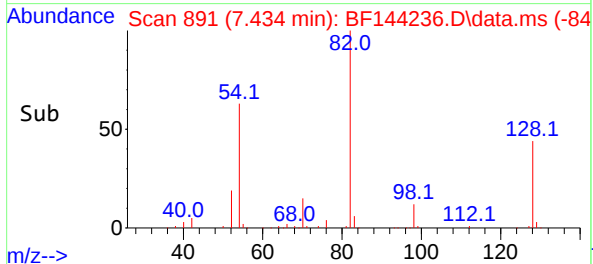
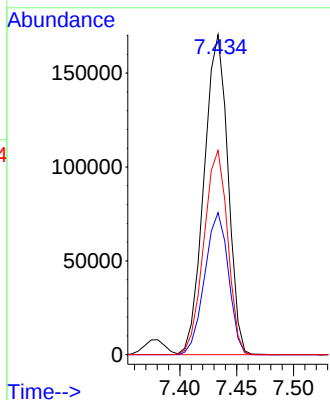
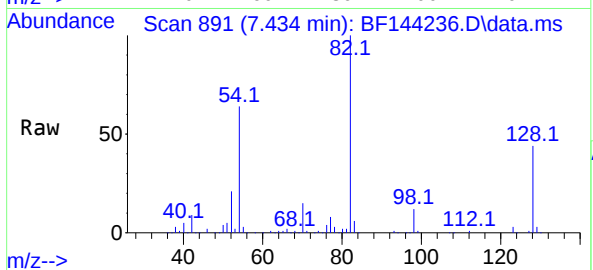




#23
Nitrobenzene-d5
Concen: 80.004 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

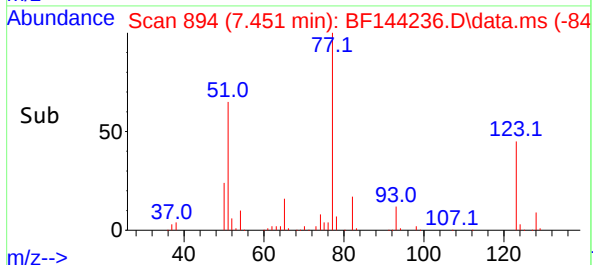
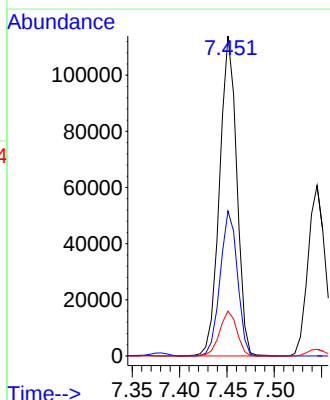
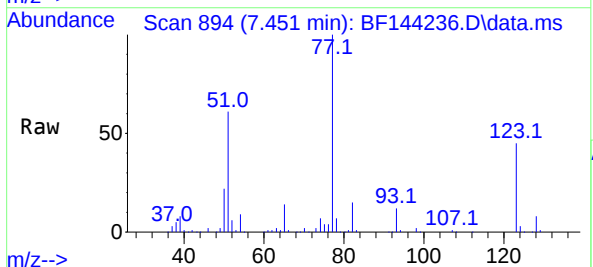
Instrument :
BNA_F
ClientSampleId :
PB170515BS

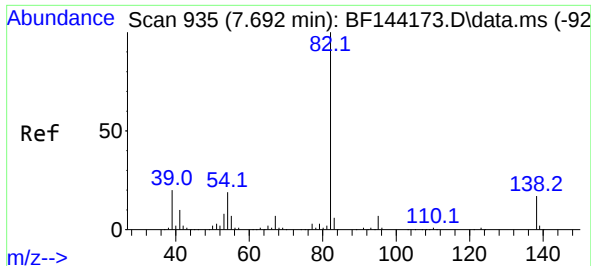
Tgt Ion: 82 Resp: 249688
Ion Ratio Lower Upper
82 100
128 44.4 34.7 52.1
54 63.9 49.5 74.3



#24
Nitrobenzene
Concen: 42.532 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion: 77 Resp: 144126
Ion Ratio Lower Upper
77 100
123 45.3 35.8 53.8
65 14.0 12.2 18.2

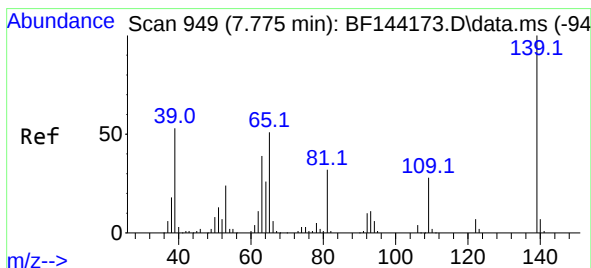
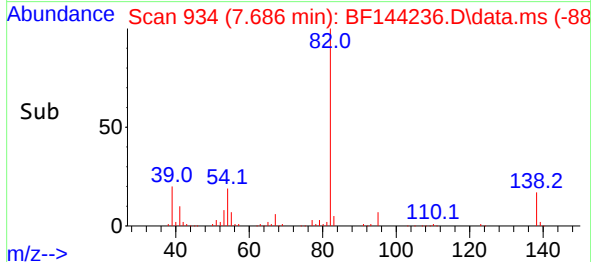
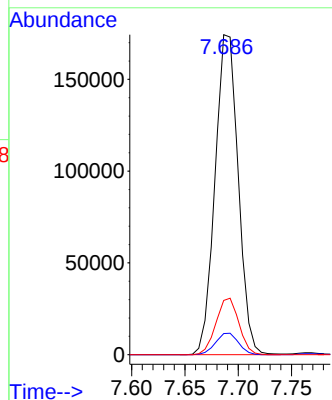
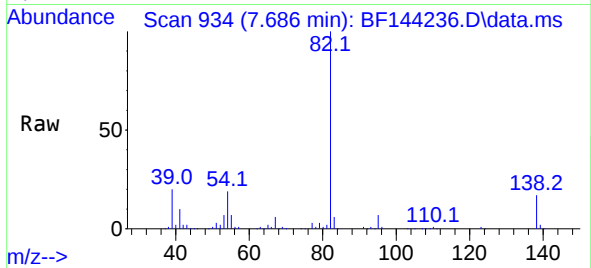




#25
Isophorone
Concen: 44.635 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

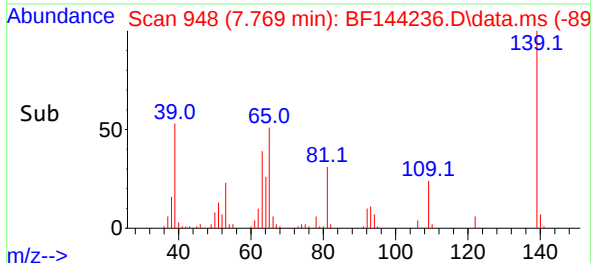
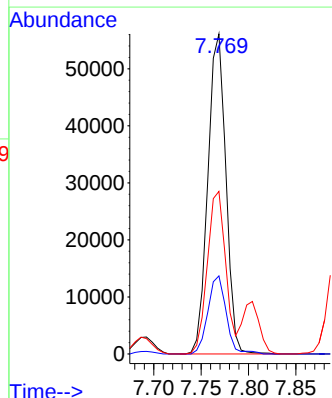
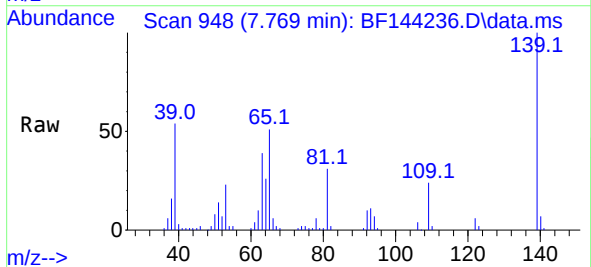
Instrument :
BNA_F
ClientSampleId :
PB170515BS

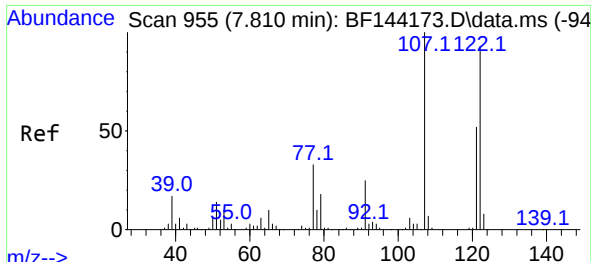
Tgt Ion: 82 Resp: 263493
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 17.0 13.7 20.5



#26
2-Nitrophenol
Concen: 44.194 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:139 Resp: 74133
Ion Ratio Lower Upper
139 100
109 24.4 22.2 33.2
65 50.8 40.7 61.1

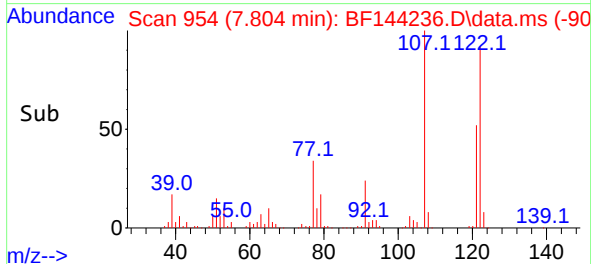
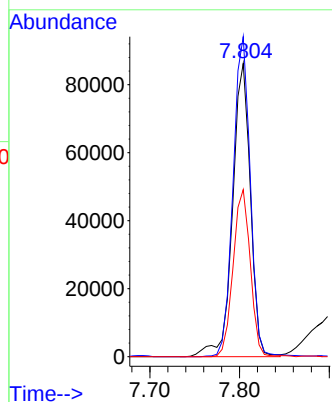
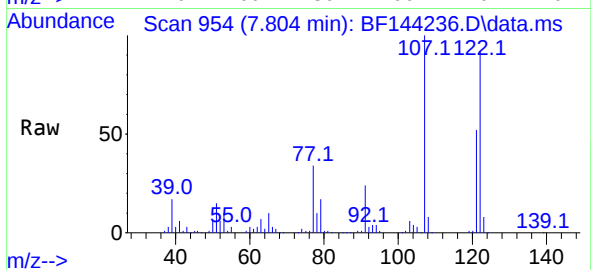




#27
2,4-Dimethylphenol
Concen: 47.349 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

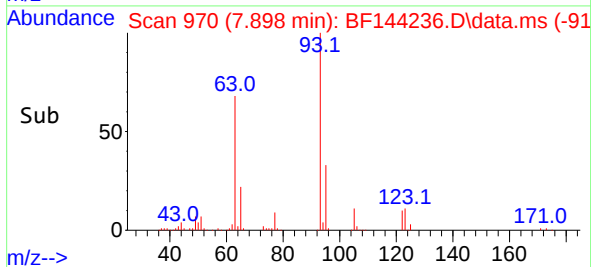
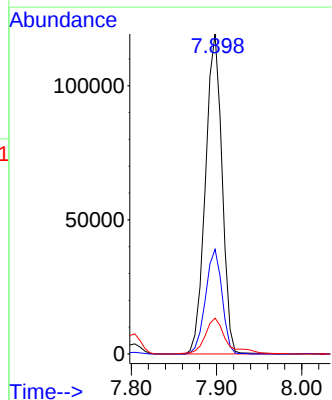
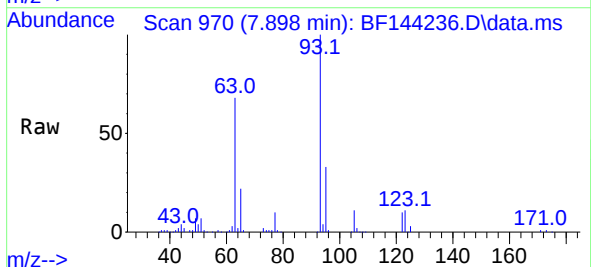
Instrument :
BNA_F
ClientSampleId :
PB170515BS

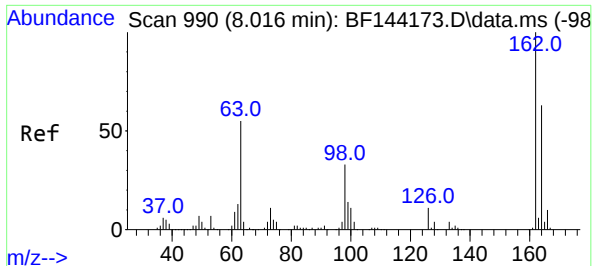
Tgt Ion:122 Resp: 119044
Ion Ratio Lower Upper
122 100
107 109.1 86.2 129.4
121 56.9 44.6 66.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.781 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion: 93 Resp: 161394
Ion Ratio Lower Upper
93 100
95 32.7 24.2 36.4
123 11.2 9.0 13.4

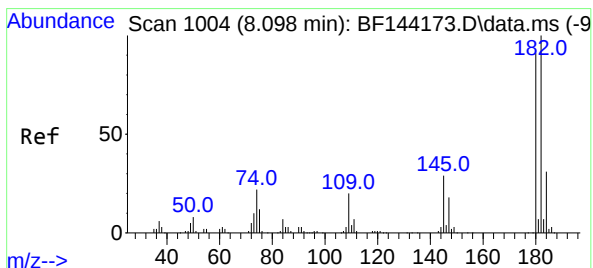
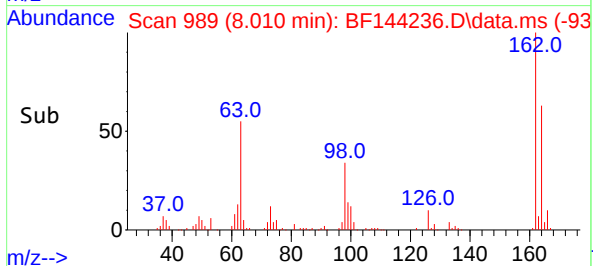
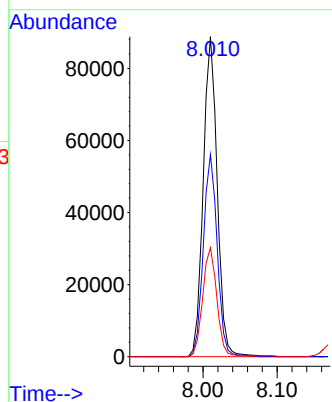
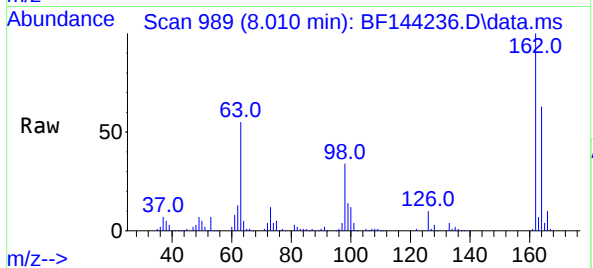




#29
2,4-Dichlorophenol
Concen: 40.402 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

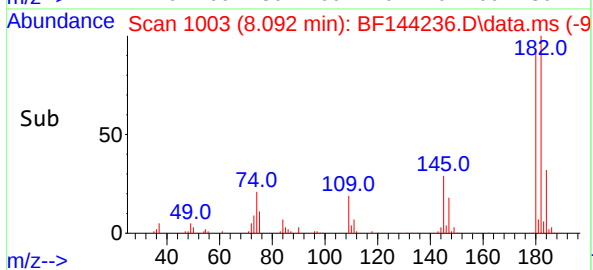
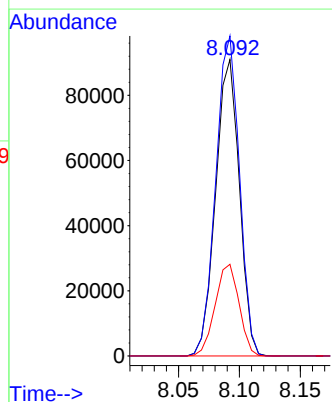
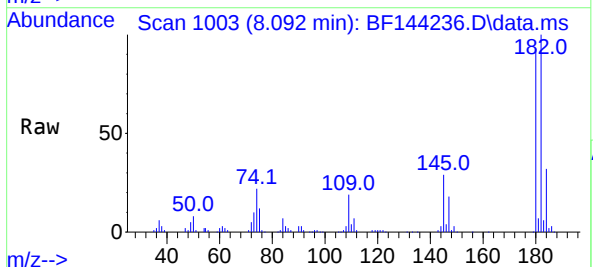
Instrument :
BNA_F
ClientSampleId :
PB170515BS

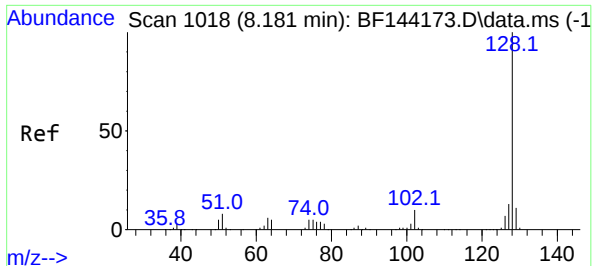
Tgt Ion:162 Resp: 117076
Ion Ratio Lower Upper
162 100
164 63.2 42.9 82.9
98 34.1 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 41.578 ng
RT: 8.092 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

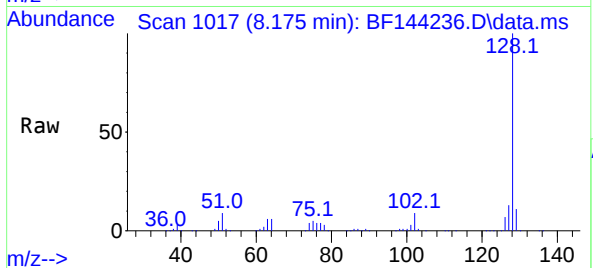
Tgt Ion:180 Resp: 123719
Ion Ratio Lower Upper
180 100
182 107.9 87.7 131.5
145 30.9 25.4 38.0



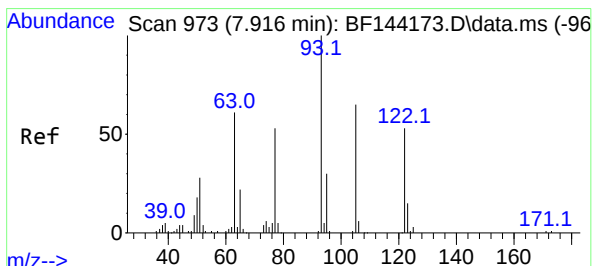
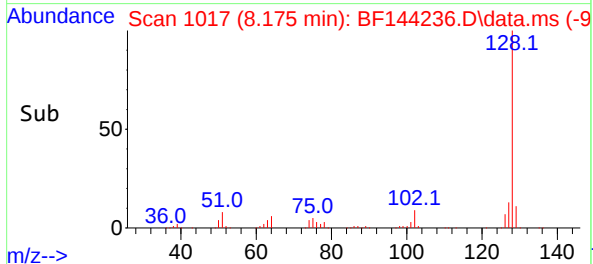
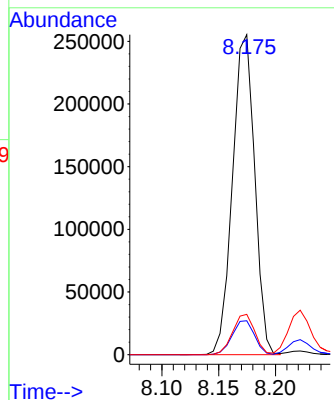


#31
Naphthalene
Concen: 40.409 ng
RT: 8.175 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Instrument :
BNA_F
ClientSampleId :
PB170515BS

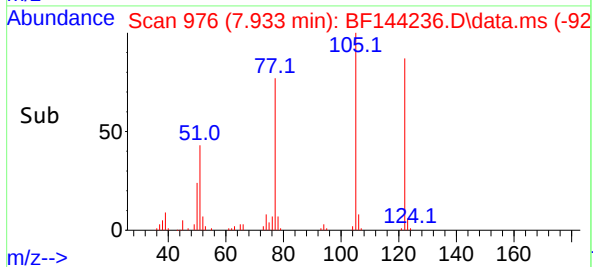
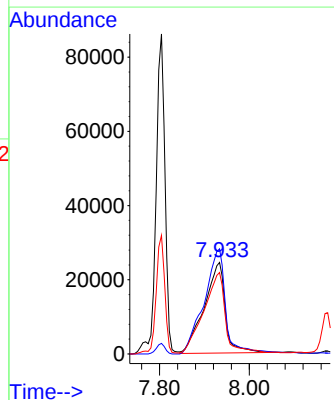
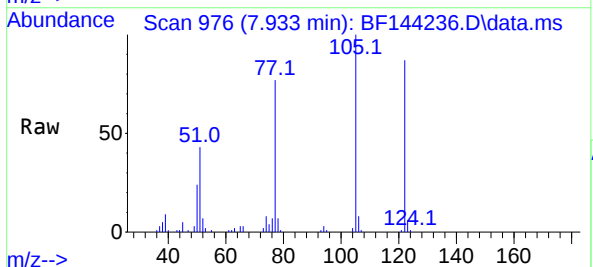


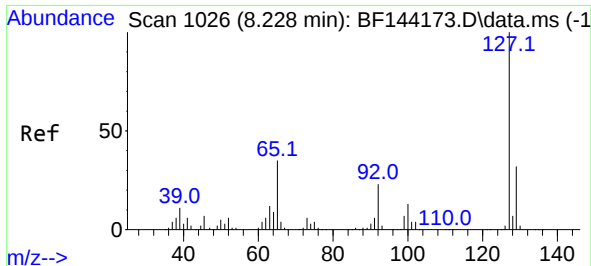
Tgt Ion:128 Resp: 346477
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 43.309 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:122 Resp: 79816
Ion Ratio Lower Upper
122 100
105 114.8 99.9 139.9
77 88.9 77.5 117.5

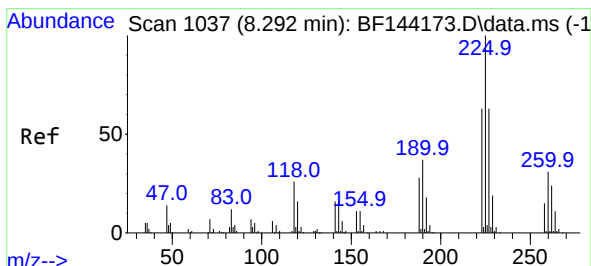
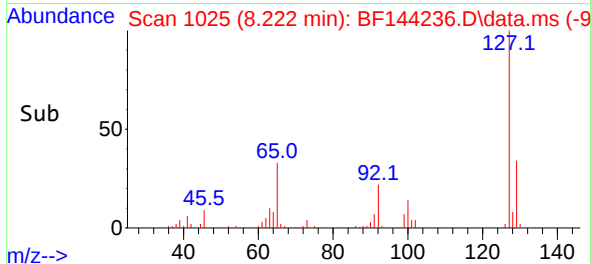
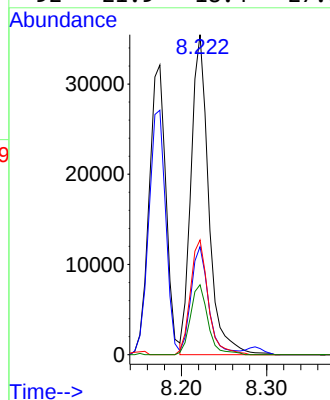
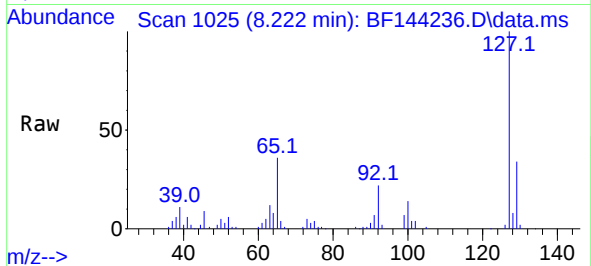




#33
4-Chloroaniline
Concen: 16.357 ng
RT: 8.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

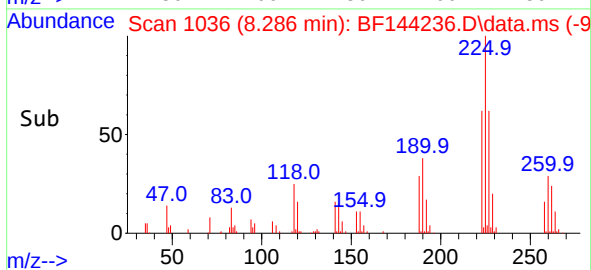
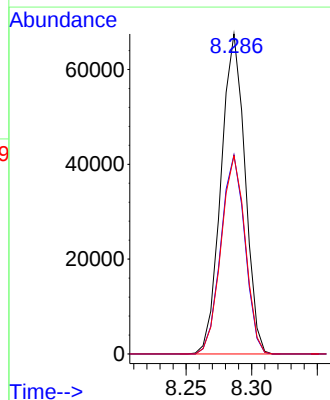
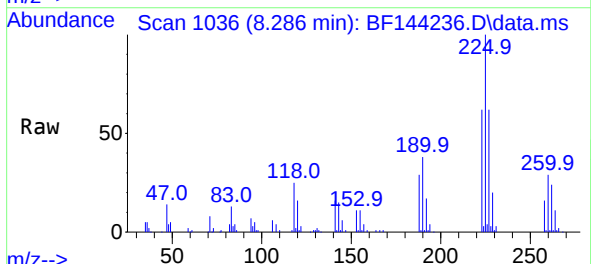
Instrument :
BNA_F
ClientSampleId :
PB170515BS

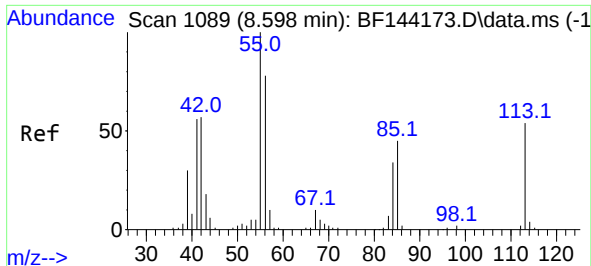
Tgt Ion:127	Resp:	51152
Ion Ratio	Lower	Upper
127	100	
129	33.7	25.3 37.9
65	35.9	27.6 41.4
92	21.9	18.4 27.6



#34
Hexachlorobutadiene
Concen: 38.176 ng
RT: 8.286 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:225	Resp:	85612
Ion Ratio	Lower	Upper
225	100	
223	62.2	50.2 75.4
227	62.0	50.1 75.1

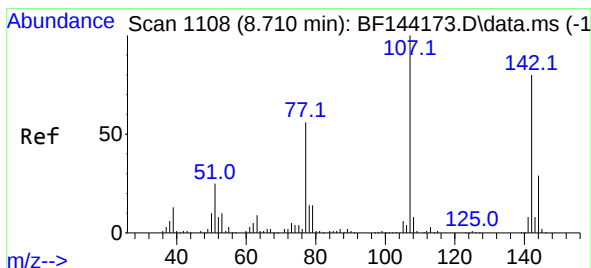
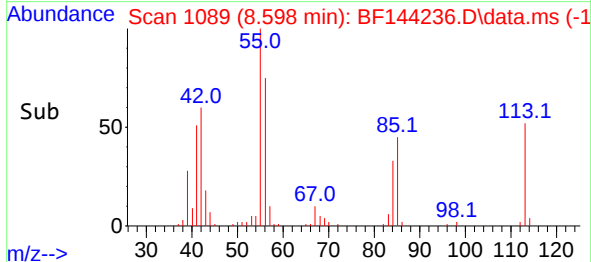
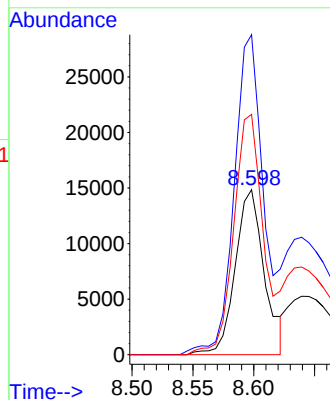
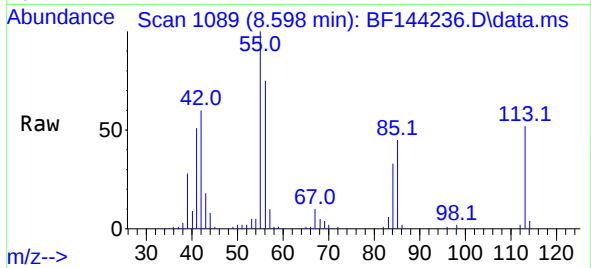




#35
 Caprolactam
 Concen: 31.035 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.024 min
 Lab File: BF144236.D
 Acq: 12 Nov 2025 18:50

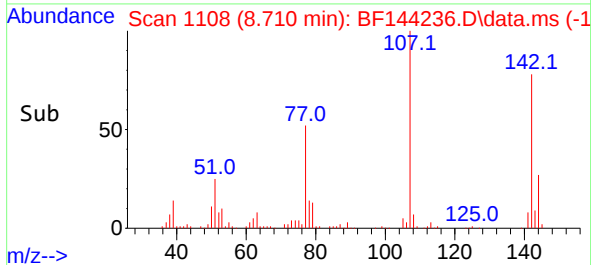
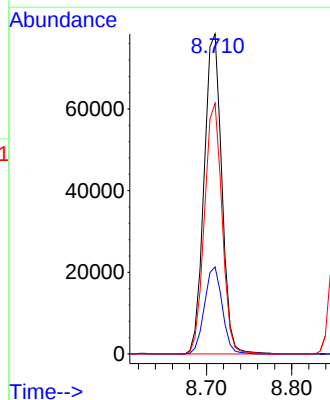
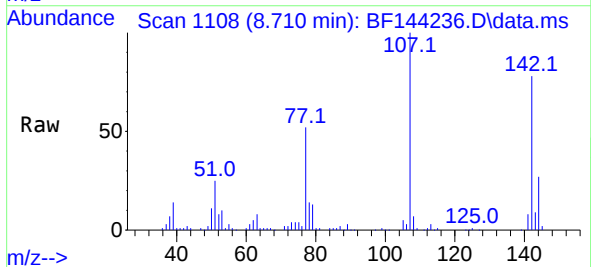
Instrument :
 BNA_F
 ClientSampleId :
 PB170515BS

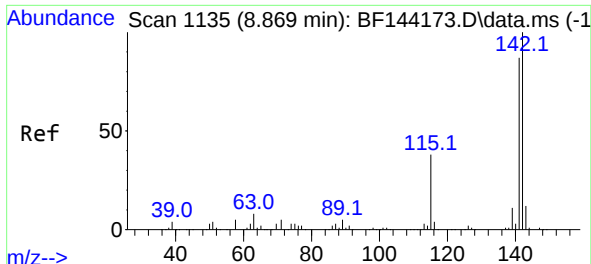
Tgt Ion:113 Resp: 24639
 Ion Ratio Lower Upper
 113 100
 55 193.9 166.8 206.8
 56 145.6 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.419 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF144236.D
 Acq: 12 Nov 2025 18:50

Tgt Ion:107 Resp: 112760
 Ion Ratio Lower Upper
 107 100
 144 27.2 23.3 34.9
 142 78.4 63.8 95.6

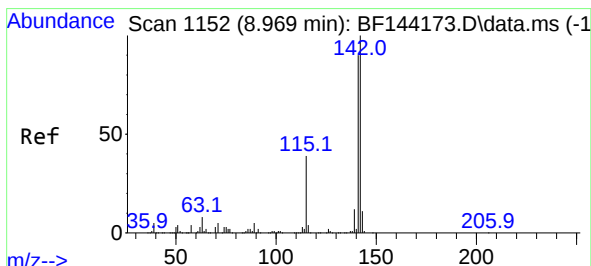
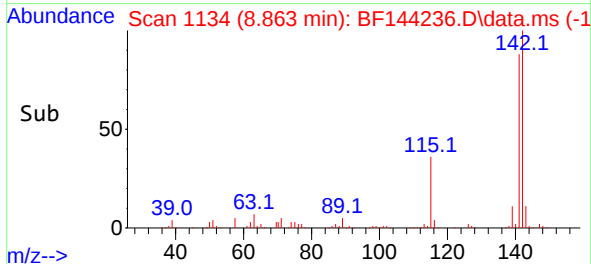
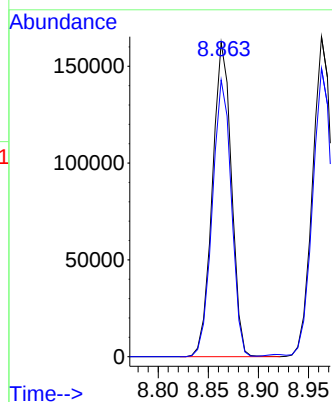
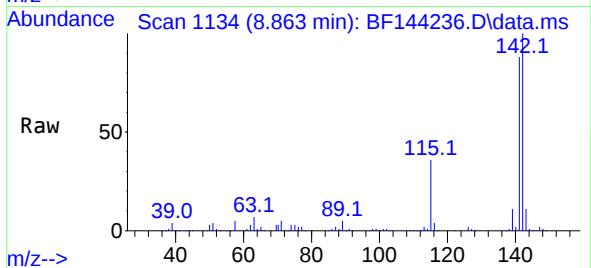




#37
2-Methylnaphthalene
Concen: 37.399 ng
RT: 8.863 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

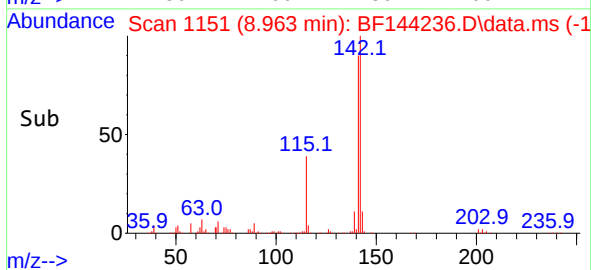
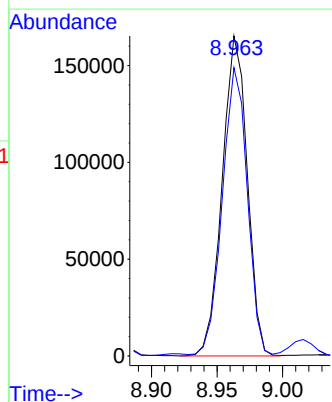
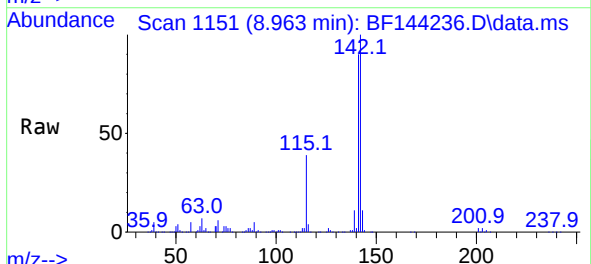
Instrument :
BNA_F
ClientSampleId :
PB170515BS

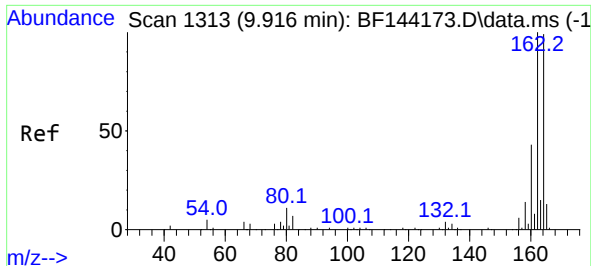
Tgt Ion:142 Resp: 214401
Ion Ratio Lower Upper
142 100
141 88.1 69.9 104.9



#38
1-Methylnaphthalene
Concen: 39.734 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:142 Resp: 219790
Ion Ratio Lower Upper
142 100
141 90.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144236.D

Acq: 12 Nov 2025 18:50

Instrument :

BNA_F

ClientSampleId :

PB170515BS

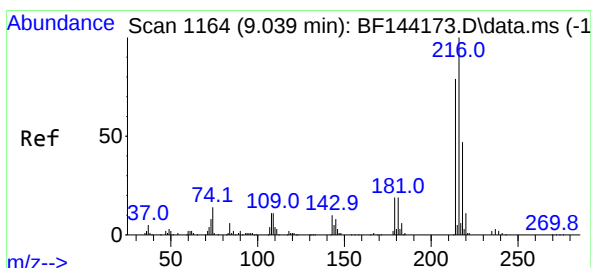
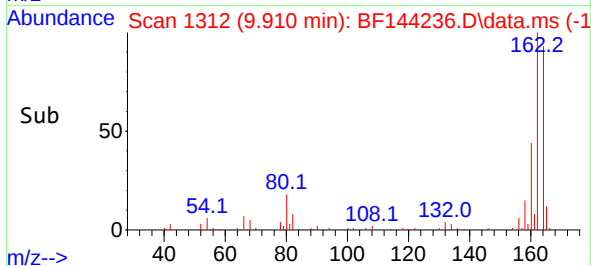
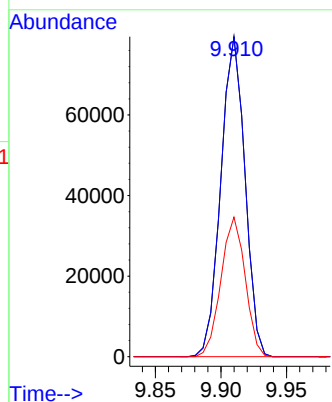
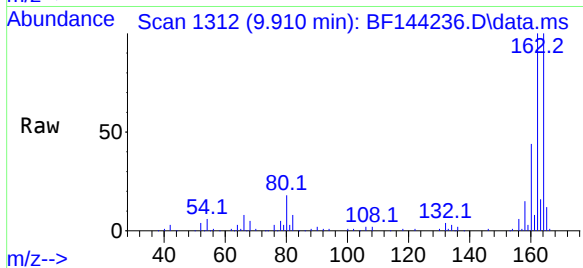
Tgt Ion:164 Resp: 101053

Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

160 43.6 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.988 ng

RT: 9.033 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF144236.D

Acq: 12 Nov 2025 18:50

Tgt Ion:216 Resp: 125809

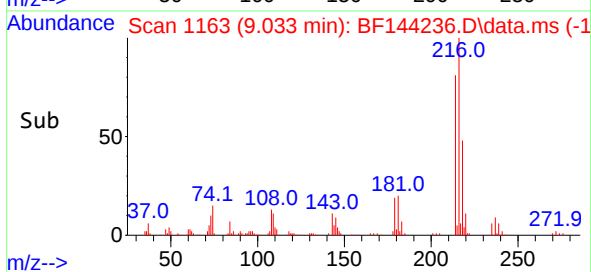
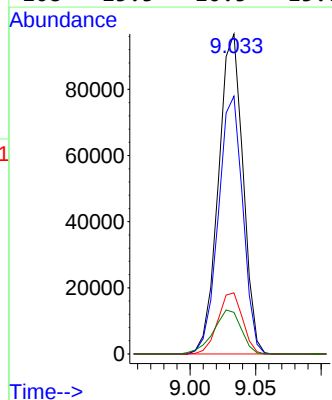
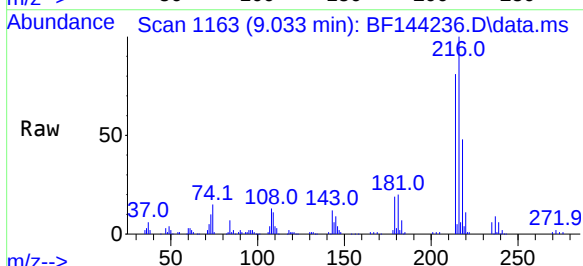
Ion Ratio Lower Upper

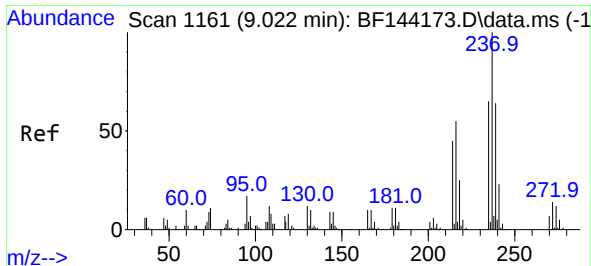
216 100

214 80.2 63.4 95.2

179 19.2 15.0 22.4

108 15.5 10.5 15.7

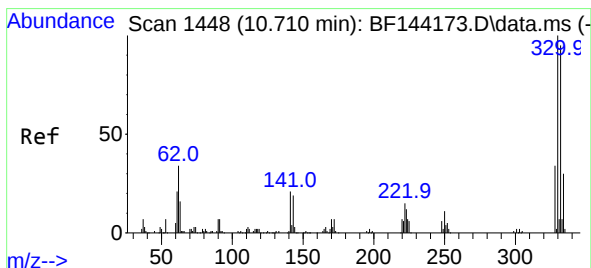
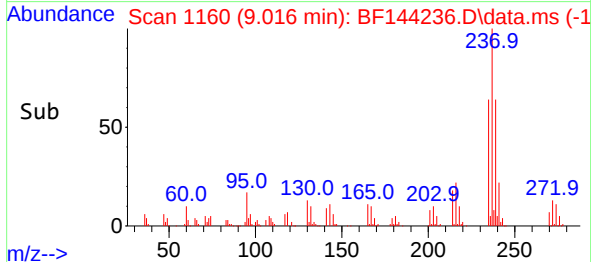
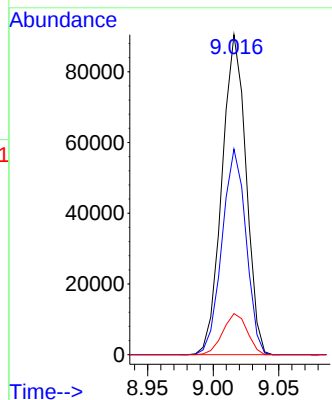
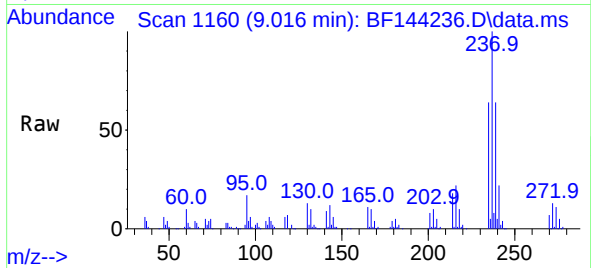




#41
Hexachlorocyclopentadiene
Concen: 86.467 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

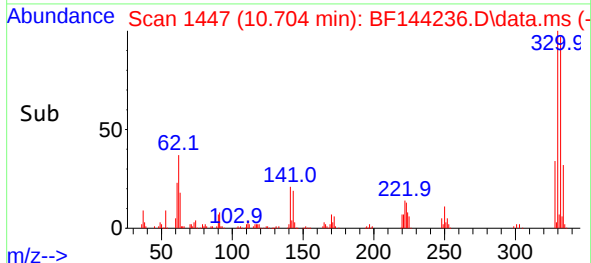
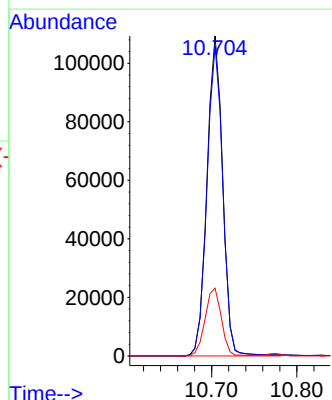
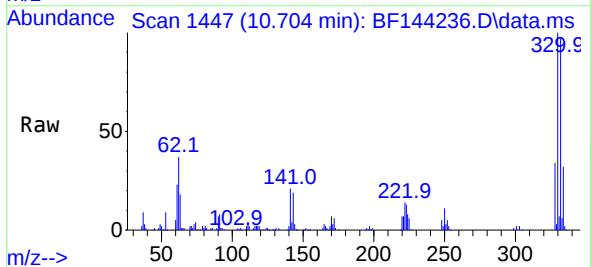
Instrument :
BNA_F
ClientSampleId :
PB170515BS

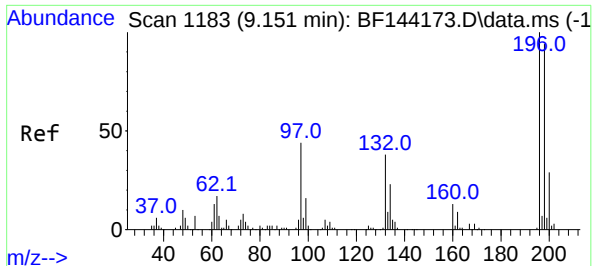
Tgt Ion:237 Resp: 115457
Ion Ratio Lower Upper
237 100
235 64.3 45.5 85.5
272 12.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 110.310 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:330 Resp: 139884
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 22.0 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 41.288 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144236.D

Acq: 12 Nov 2025 18:50

Instrument :

BNA_F

ClientSampleId :

PB170515BS

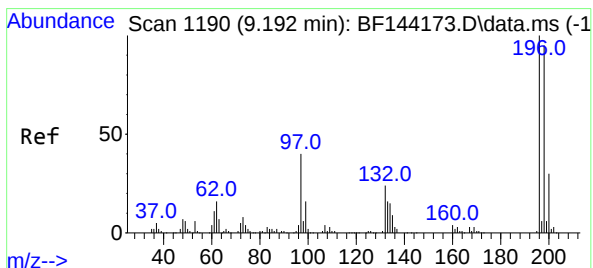
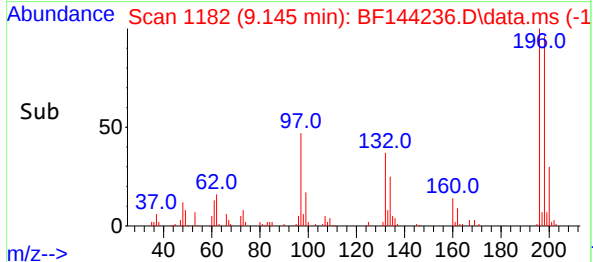
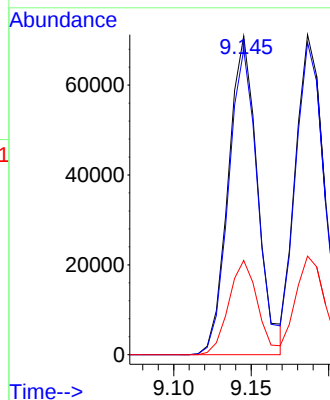
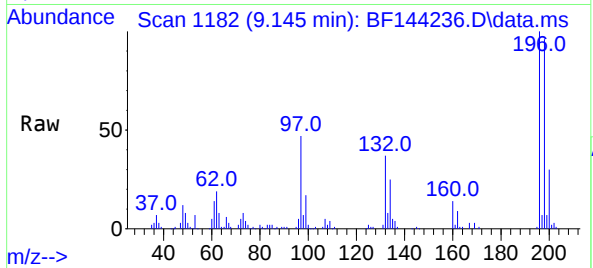
Tgt Ion:196 Resp: 93067

Ion Ratio Lower Upper

196 100

198 95.7 75.3 112.9

200 29.6 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 38.247 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144236.D

Acq: 12 Nov 2025 18:50

Tgt Ion:196 Resp: 92917

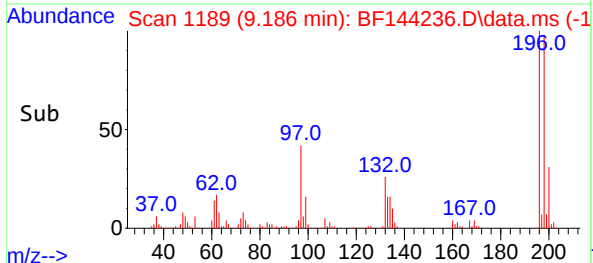
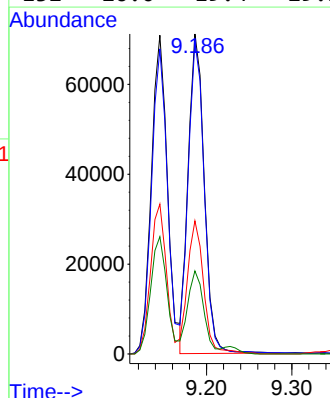
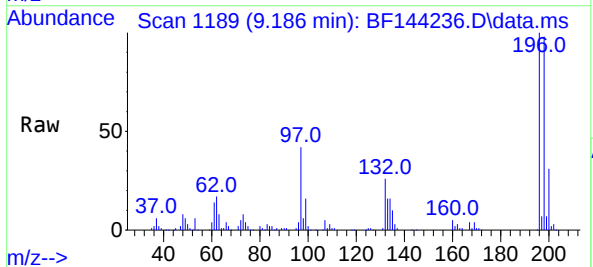
Ion Ratio Lower Upper

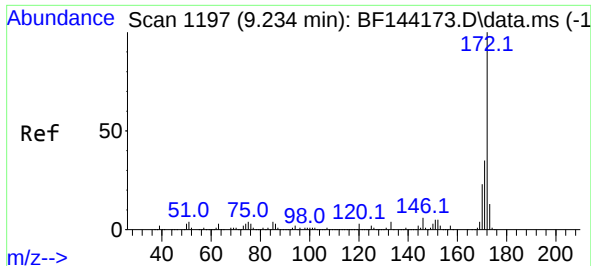
196 100

198 97.6 76.1 114.1

97 41.6 31.9 47.9

132 26.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 74.438 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144236.D

Acq: 12 Nov 2025 18:50

Instrument :

BNA_F

ClientSampleId :

PB170515BS

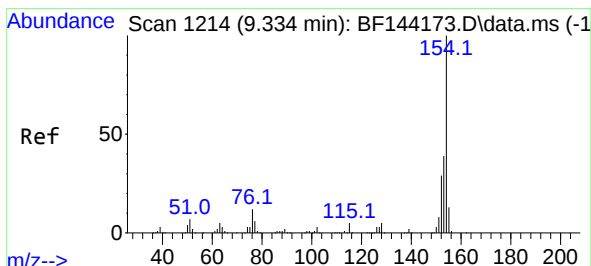
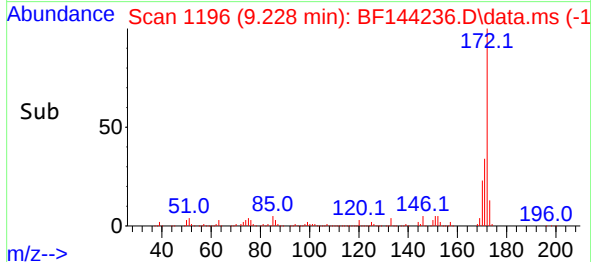
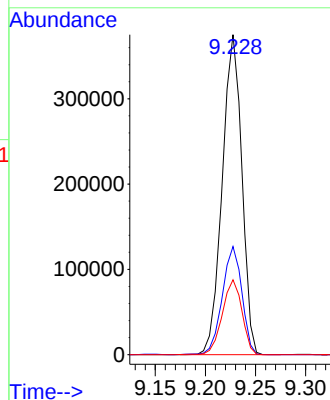
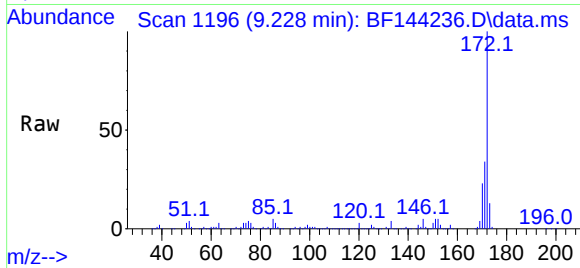
Tgt Ion:172 Resp: 509312

Ion Ratio Lower Upper

172 100

171 33.8 28.1 42.1

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 40.526 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144236.D

Acq: 12 Nov 2025 18:50

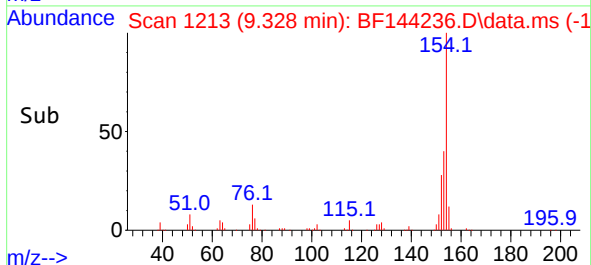
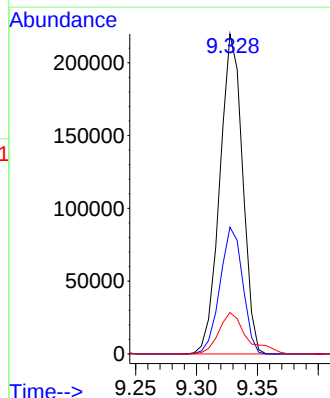
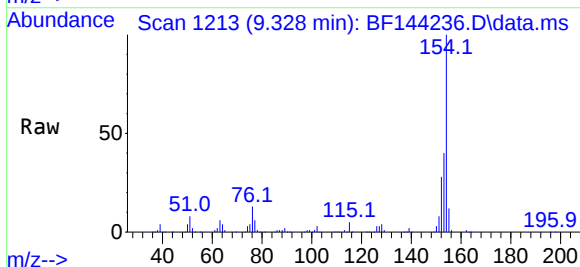
Tgt Ion:154 Resp: 285865

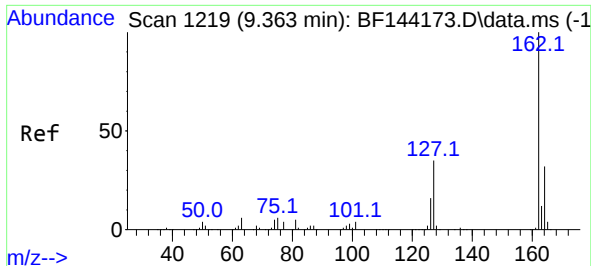
Ion Ratio Lower Upper

154 100

153 39.6 19.2 59.2

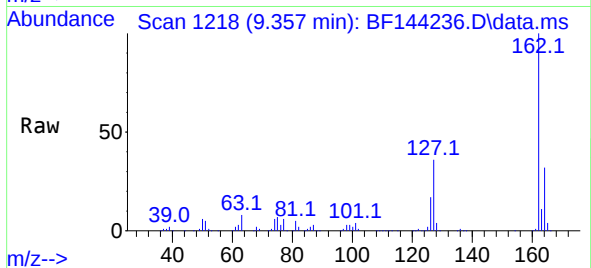
76 13.0 0.0 31.8



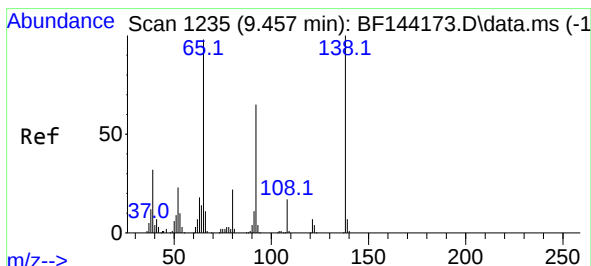
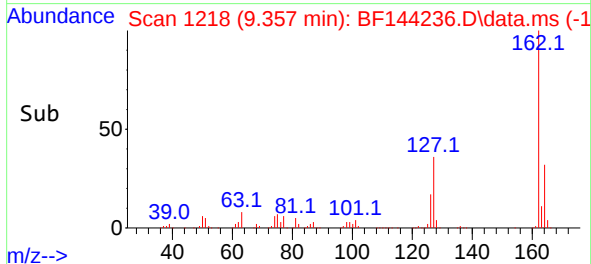
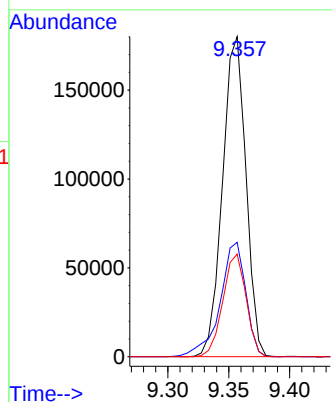


#47
2-Chloronaphthalene
Concen: 39.988 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Instrument :
BNA_F
ClientSampleId :
PB170515BS

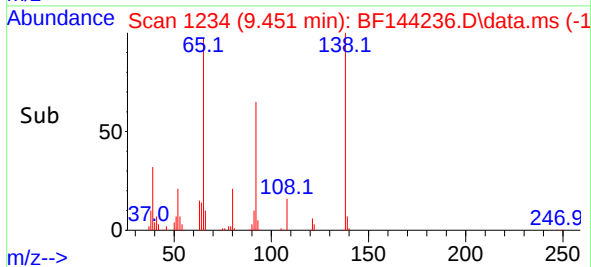
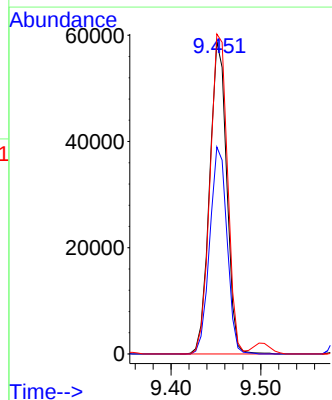
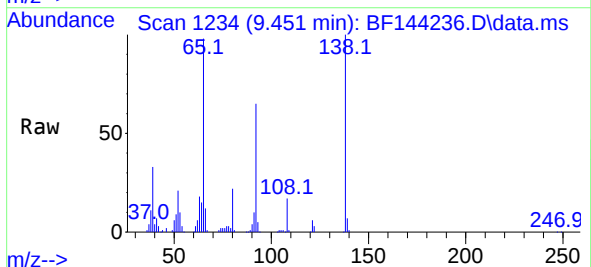


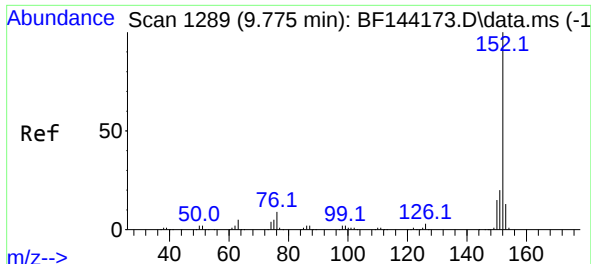
Tgt Ion:162 Resp: 240609
Ion Ratio Lower Upper
162 100
127 35.7 28.8 43.2
164 32.1 25.8 38.8



#48
2-Nitroaniline
Concen: 44.844 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion: 65 Resp: 77854
Ion Ratio Lower Upper
65 100
92 66.3 53.0 79.6
138 102.5 81.6 122.4





#49

Acenaphthylene

Concen: 45.159 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF144236.D

Acq: 12 Nov 2025 18:50

Instrument :

BNA_F

ClientSampleId :

PB170515BS

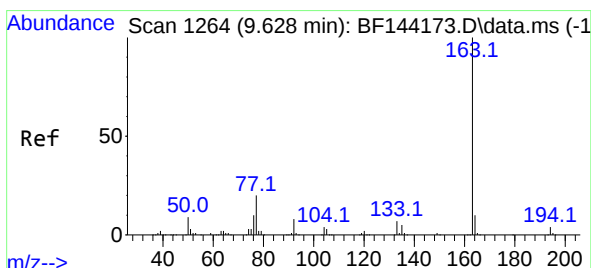
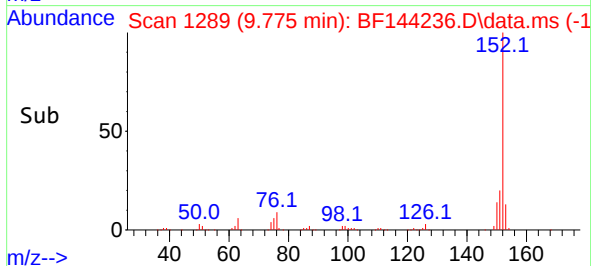
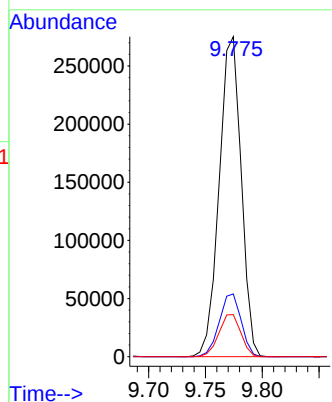
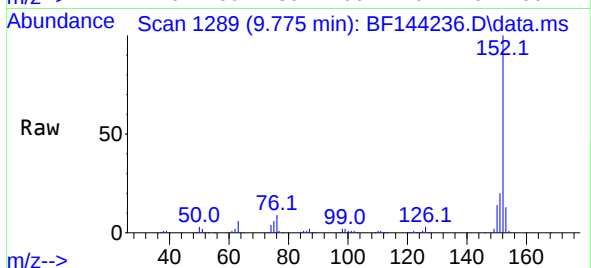
Tgt Ion:152 Resp: 370278

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 42.638 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.006 min

Lab File: BF144236.D

Acq: 12 Nov 2025 18:50

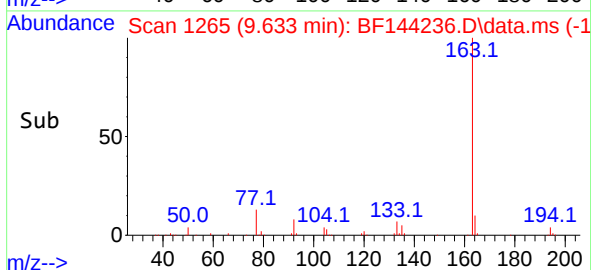
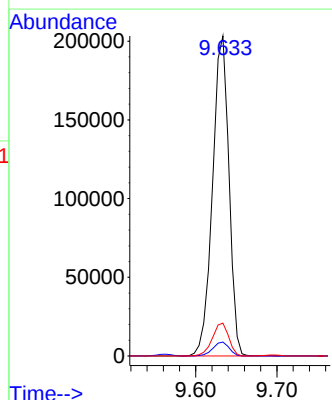
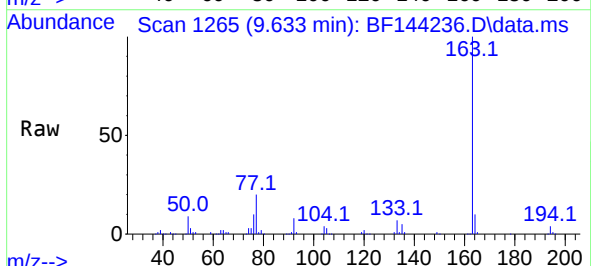
Tgt Ion:163 Resp: 285446

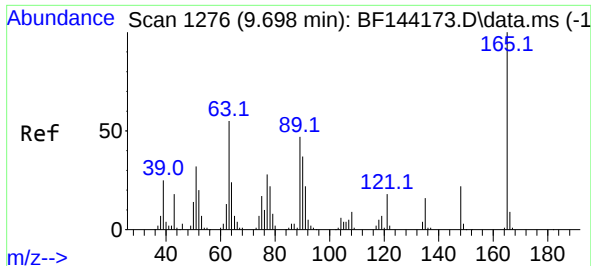
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.3 8.1 12.1

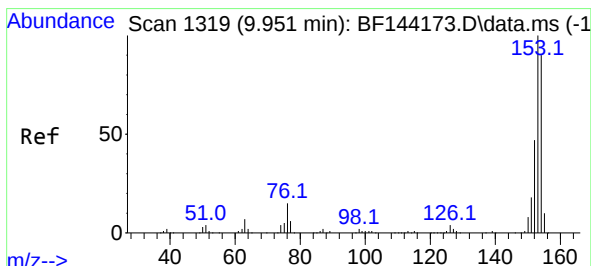
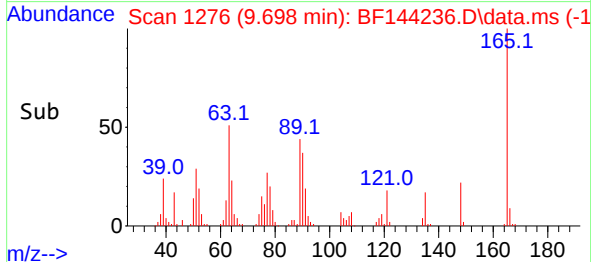
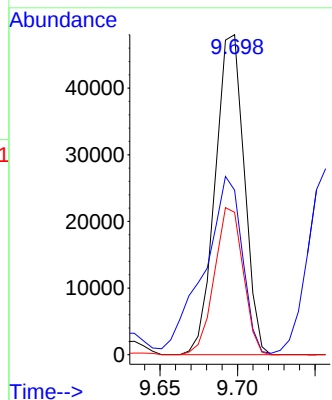
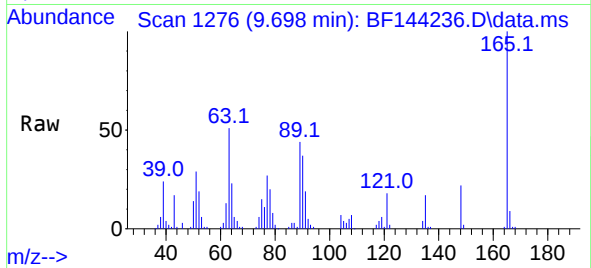




#51
2,6-Dinitrotoluene
Concen: 46.242 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

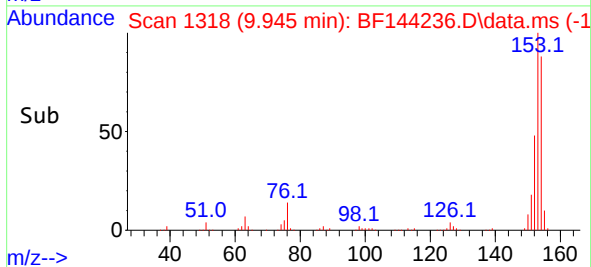
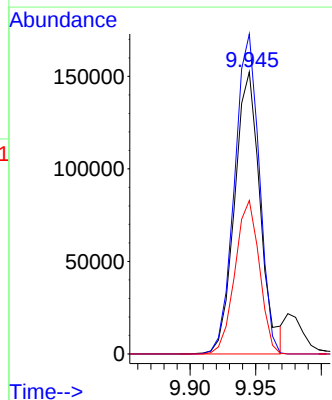
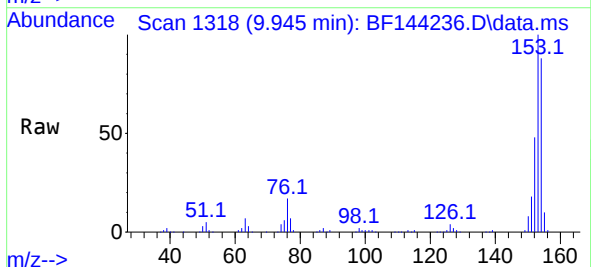
Instrument :
BNA_F
ClientSampleId :
PB170515BS

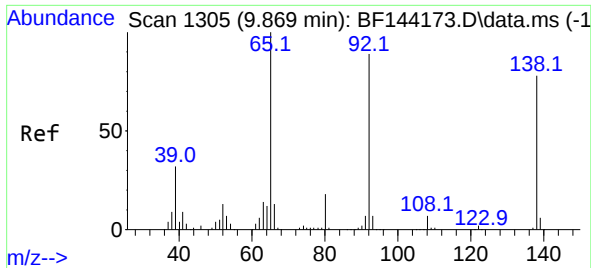
Tgt Ion:165 Resp: 62667
Ion Ratio Lower Upper
165 100
63 51.4 43.8 65.8
89 44.5 37.5 56.3



#52
Acenaphthene
Concen: 37.697 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:154 Resp: 206698
Ion Ratio Lower Upper
154 100
153 113.4 89.0 133.4
152 54.4 42.2 63.4

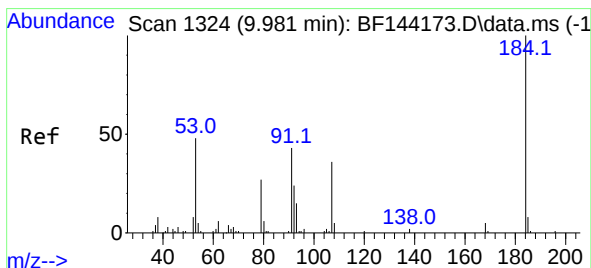
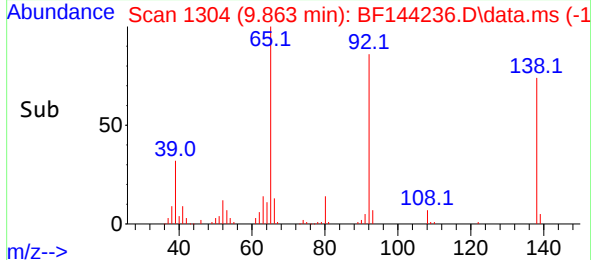
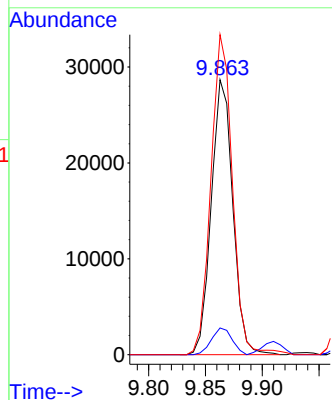
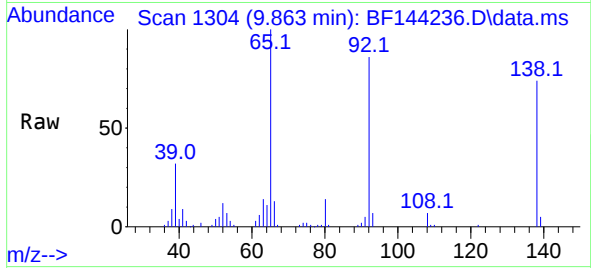




#53
3-Nitroaniline
Concen: 25.533 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

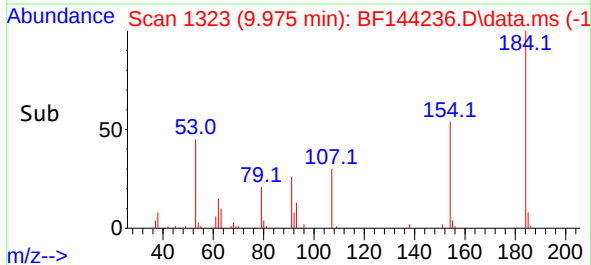
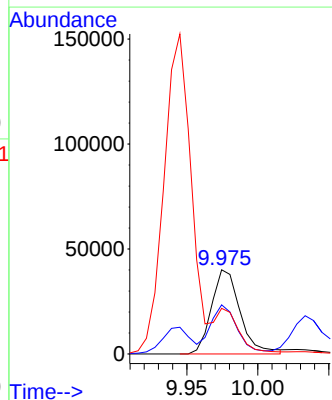
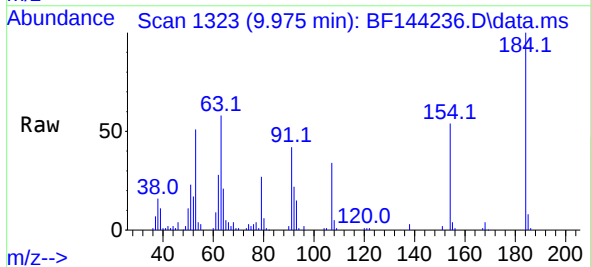
Instrument :
BNA_F
ClientSampleId :
PB170515BS

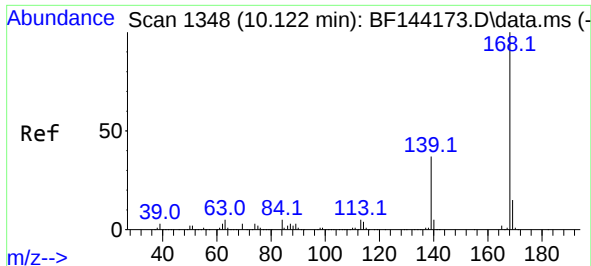
Tgt Ion:138 Resp: 37825
Ion Ratio Lower Upper
138 100
108 9.8 7.5 11.3
92 116.4 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 68.960 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:184 Resp: 56433
Ion Ratio Lower Upper
184 100
63 58.4 44.0 66.0
154 54.2 42.4 63.6

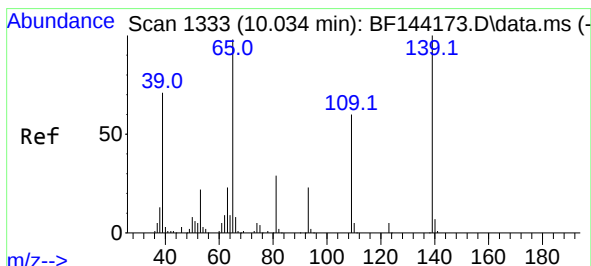
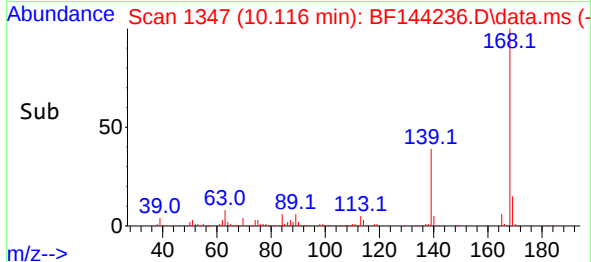
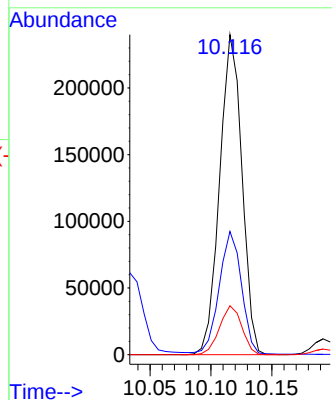
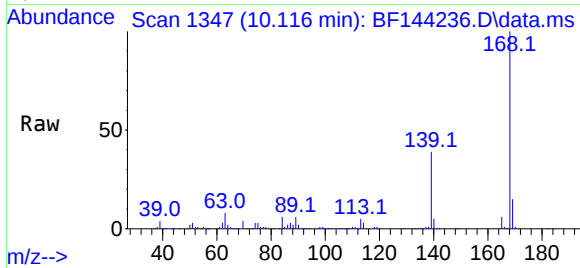




#55
Dibenzenofuran
Concen: 39.871 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

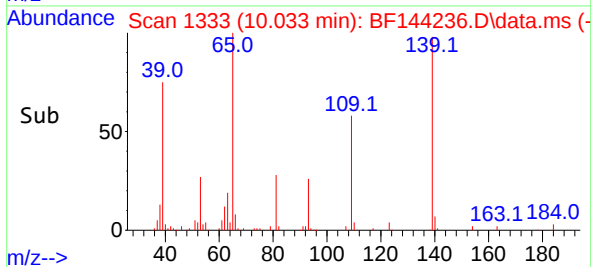
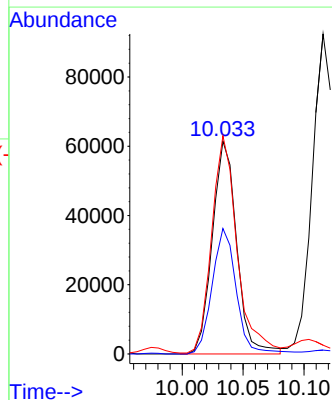
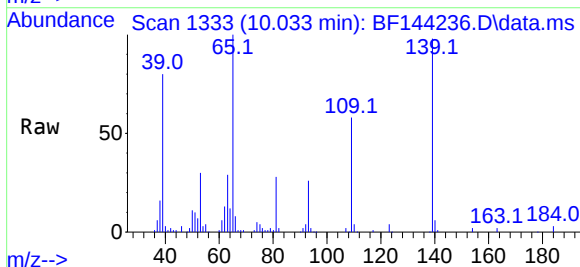
Instrument :
BNA_F
ClientSampleId :
PB170515BS

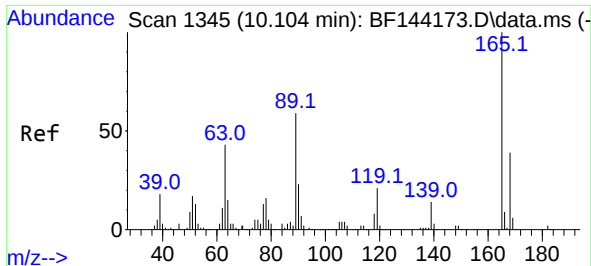
Tgt Ion:168 Resp: 306185
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.2
169 15.3 12.2 18.4



#56
4-Nitrophenol
Concen: 79.902 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

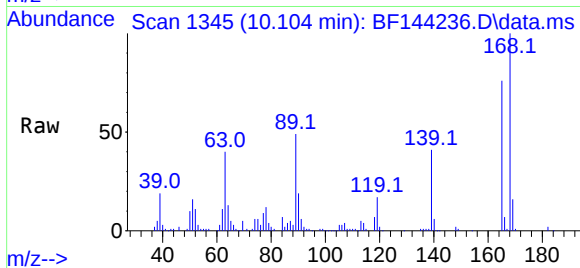
Tgt Ion:139 Resp: 85624
Ion Ratio Lower Upper
139 100
109 59.0 39.9 79.9
65 102.5 79.5 119.5



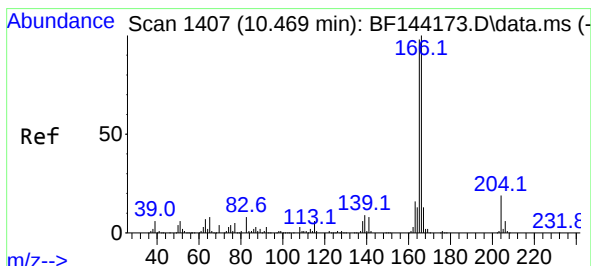
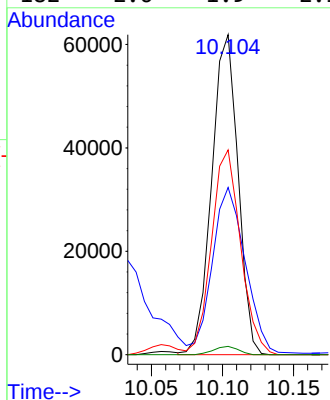
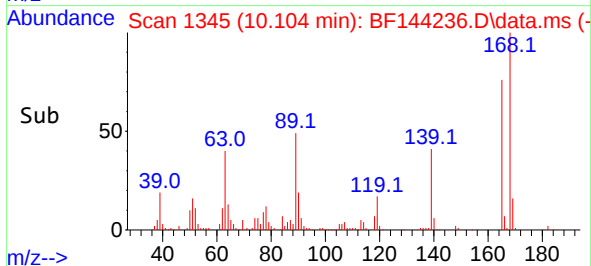


#57
2,4-Dinitrotoluene
Concen: 43.943 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

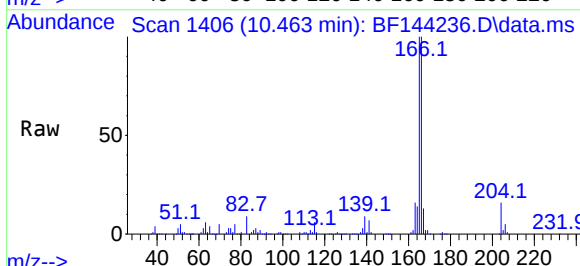
Instrument :
BNA_F
ClientSampleId :
PB170515BS



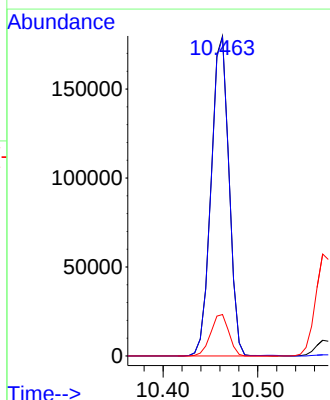
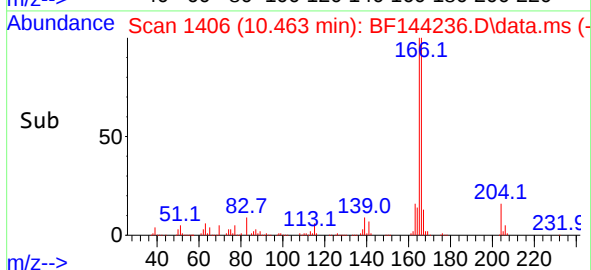
Tgt Ion:165 Resp: 79721
Ion Ratio Lower Upper
165 100
63 52.3 35.5 53.3
89 64.0 47.4 71.2
182 2.6 1.9 2.9

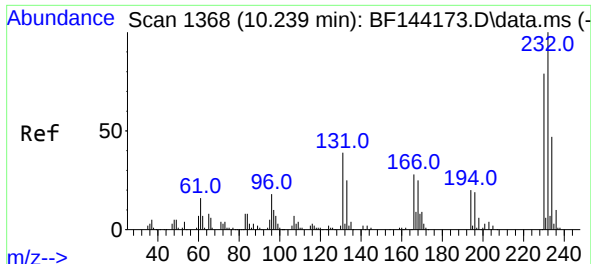


#58
Fluorene
Concen: 40.336 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50



Tgt Ion:166 Resp: 235506
Ion Ratio Lower Upper
166 100
165 99.6 78.6 118.0
167 13.0 10.4 15.6

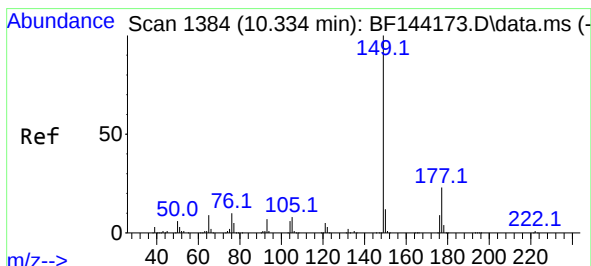
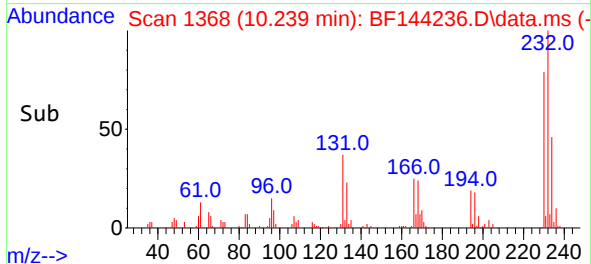
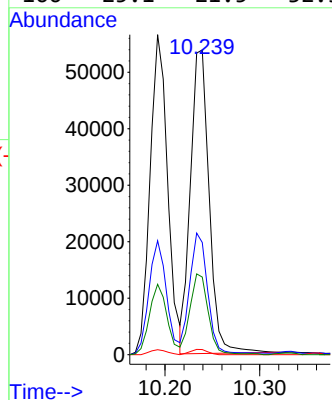
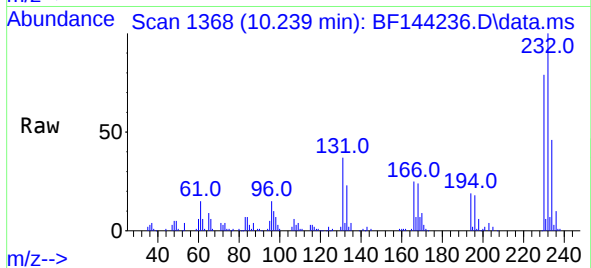




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.971 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

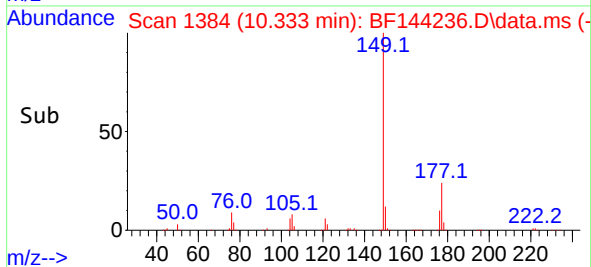
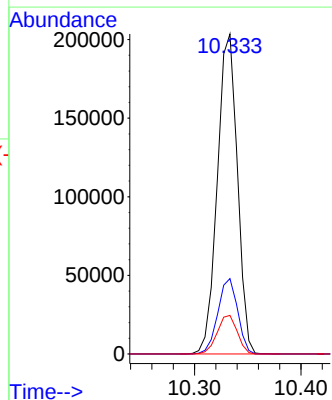
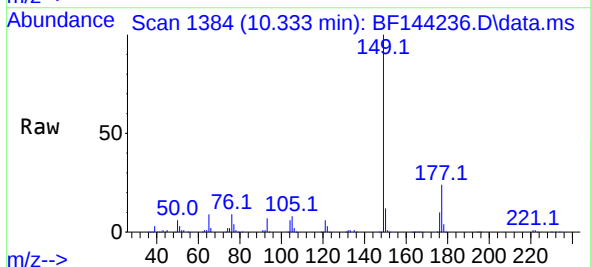
Instrument :
BNA_F
ClientSampleId :
PB170515BS

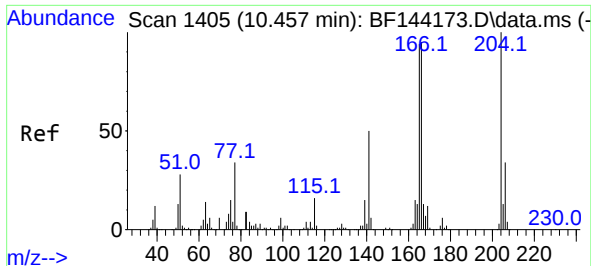
Tgt Ion:232 Resp: 73860
Ion Ratio Lower Upper
232 100
131 37.8 30.3 45.5
130 1.6 1.2 1.8
166 25.1 21.5 32.3



#60
Diethylphthalate
Concen: 43.079 ng
RT: 10.333 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:149 Resp: 265856
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.1 9.8 14.6

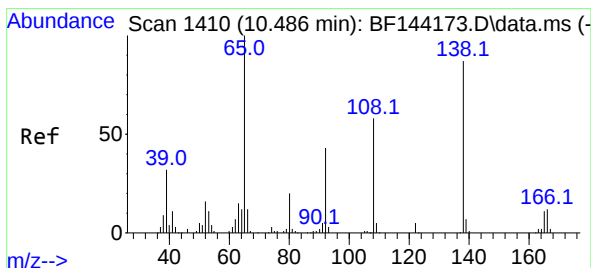
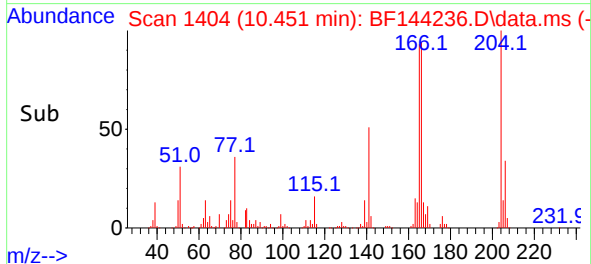
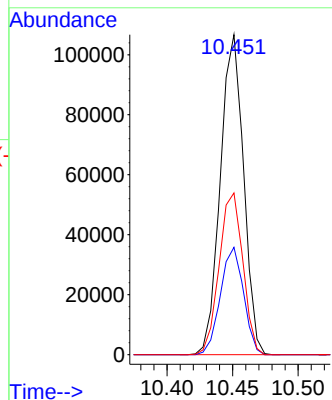
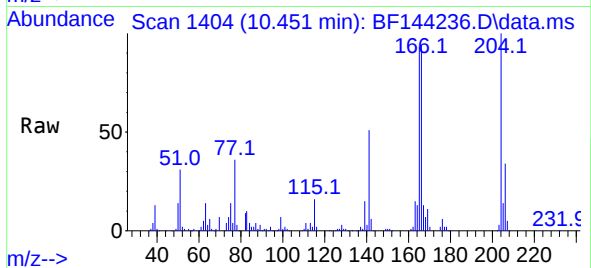




#61
4-Chlorophenyl-phenylether
Concen: 39.502 ng
RT: 10.451 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

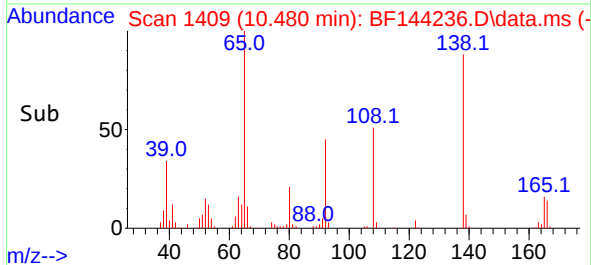
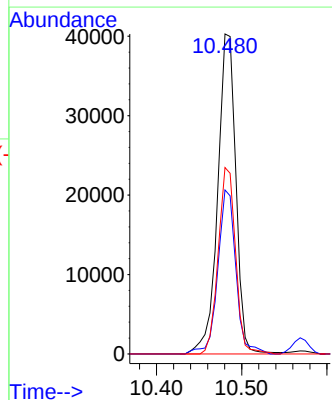
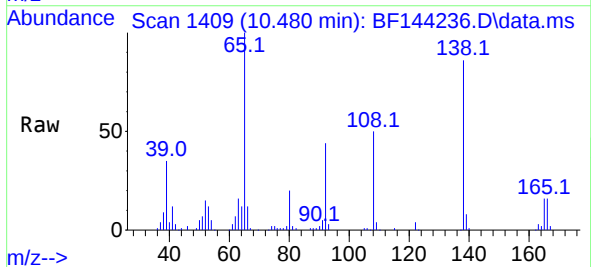
Instrument :
BNA_F
ClientSampleId :
PB170515BS

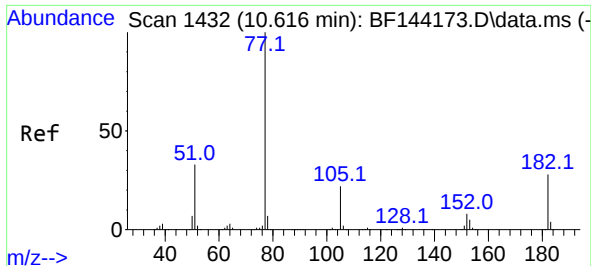
Tgt Ion:204 Resp: 131377
Ion Ratio Lower Upper
204 100
206 33.6 27.4 41.2
141 50.5 40.0 60.0



#62
4-Nitroaniline
Concen: 42.364 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:138 Resp: 59767
Ion Ratio Lower Upper
138 100
92 51.3 29.4 69.4
108 58.3 46.4 86.4



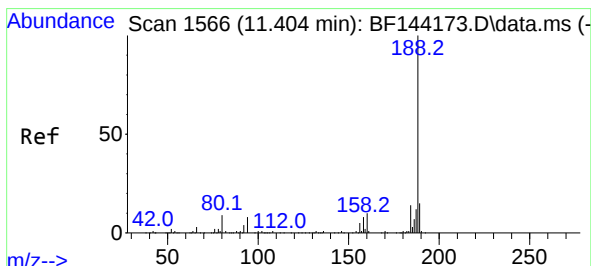
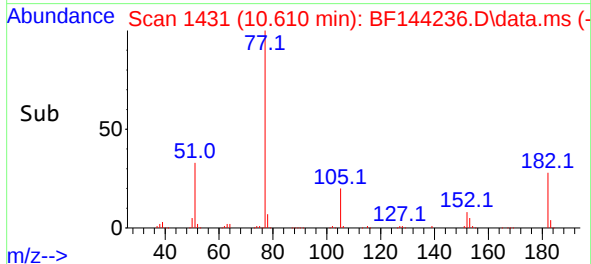
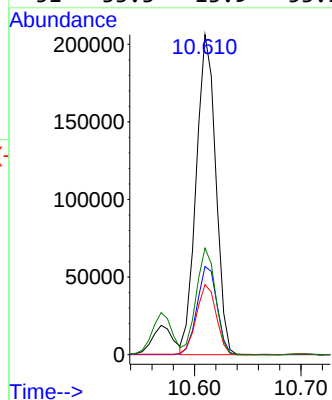
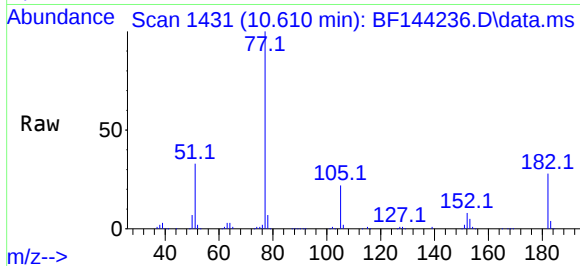


#63
Azobenzene
Concen: 45.866 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Instrument :
BNA_F
ClientSampleId :
PB170515BS

Tgt Ion: 77 Resp: 263433

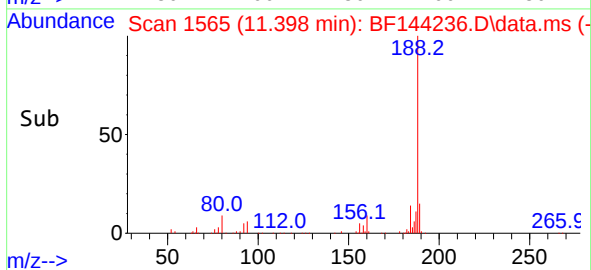
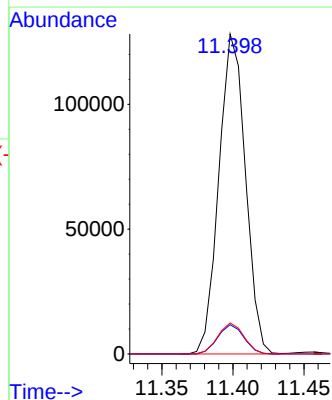
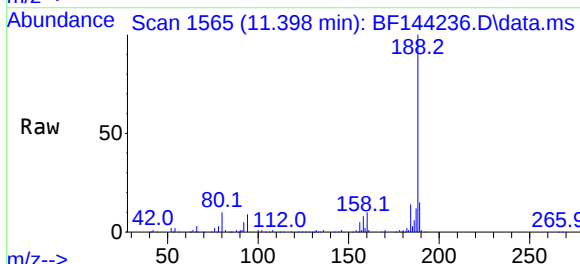
Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.1	48.1
105	21.9	2.0	42.0
51	33.3	13.9	53.9

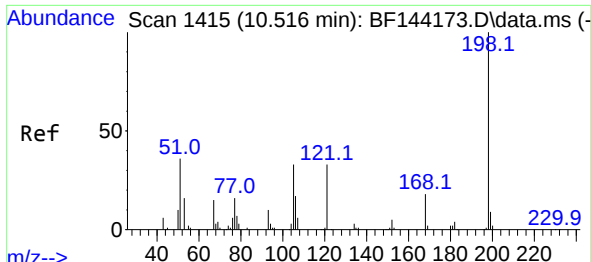


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion: 188 Resp: 166539

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.2	9.2
80	9.7	6.9	10.3

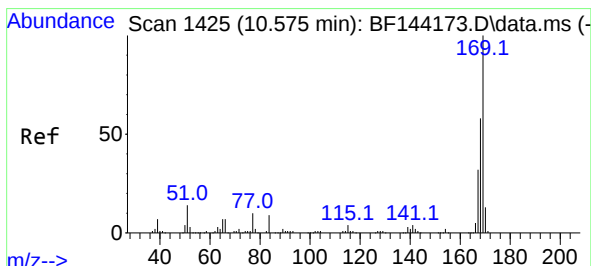
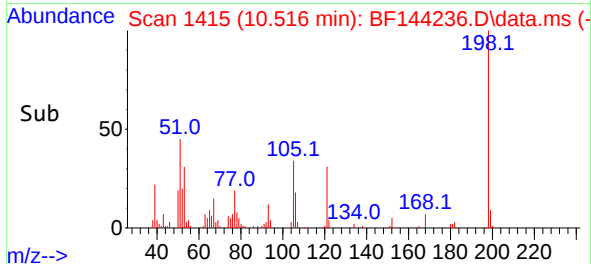
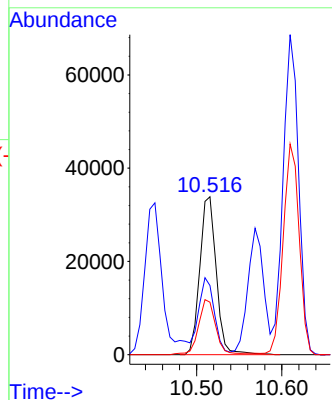
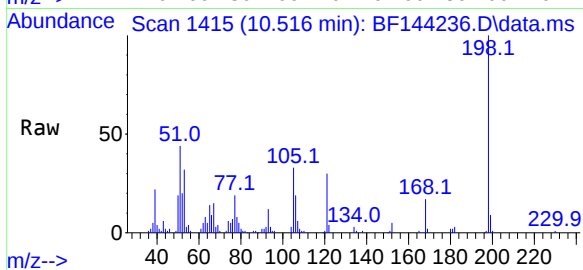




#65
4,6-Dinitro-2-methylphenol
Concen: 40.313 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

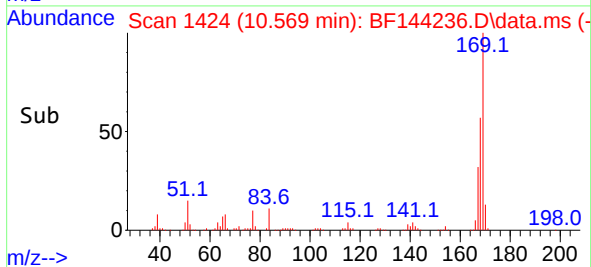
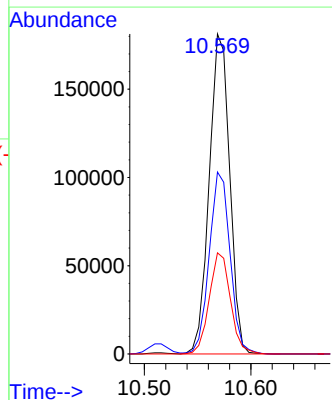
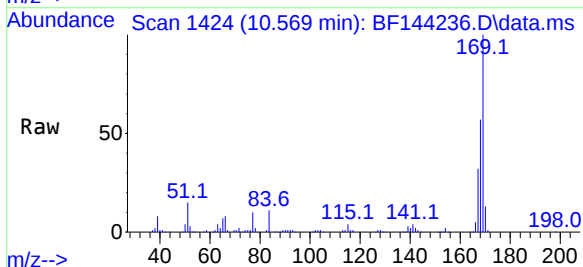
Instrument :
BNA_F
ClientSampleId :
PB170515BS

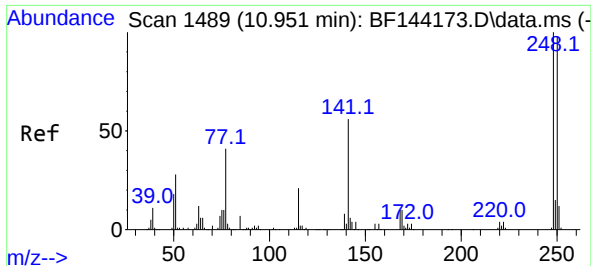
Tgt Ion:198 Resp: 45609
Ion Ratio Lower Upper
198 100
51 43.8 25.6 65.6
105 33.3 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 45.113 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:169 Resp: 241641
Ion Ratio Lower Upper
169 100
168 56.8 46.2 69.2
167 31.6 25.7 38.5

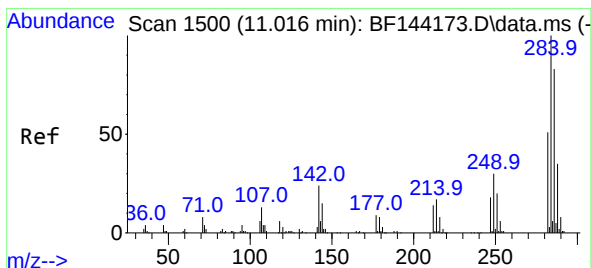
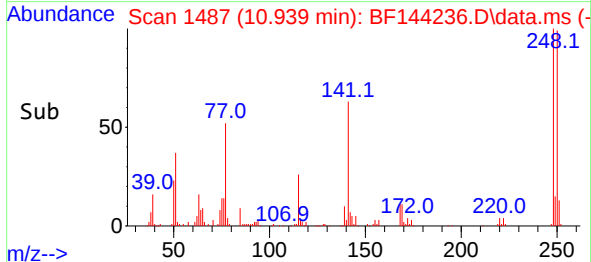
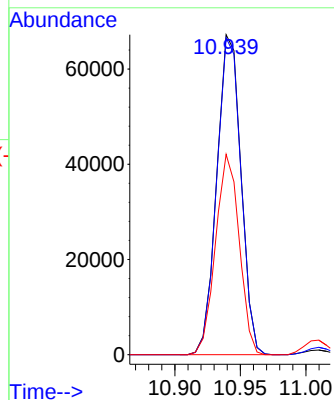
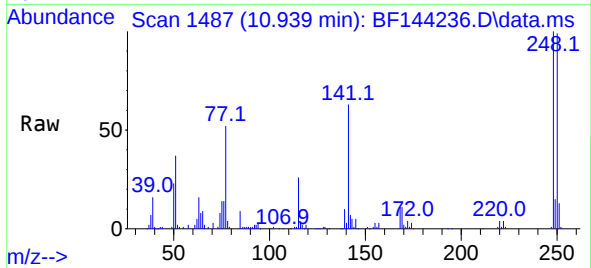




#67
4-Bromophenyl-phenylether
Concen: 40.555 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

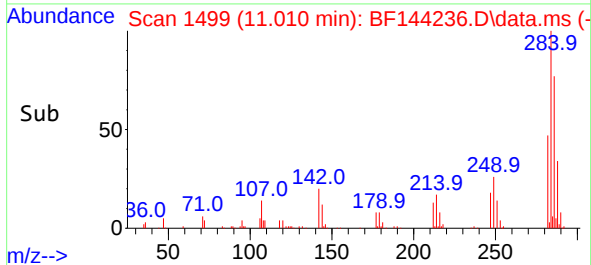
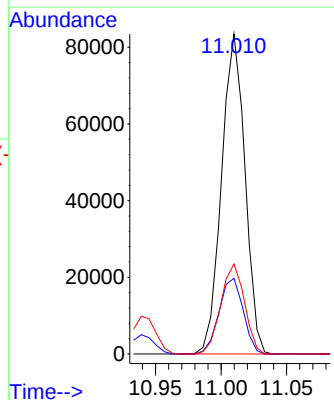
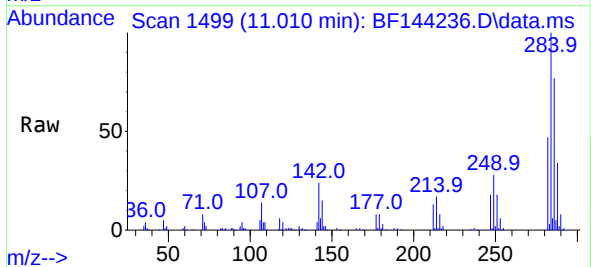
Instrument :
BNA_F
ClientSampleId :
PB170515BS

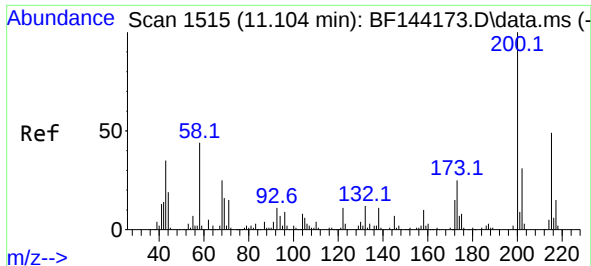
Tgt Ion:248 Resp: 86208
Ion Ratio Lower Upper
248 100
250 99.1 78.4 117.6
141 62.6 45.1 67.7



#68
Hexachlorobenzene
Concen: 41.373 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:284 Resp: 103591
Ion Ratio Lower Upper
284 100
142 23.7 19.2 28.8
249 28.1 23.8 35.8

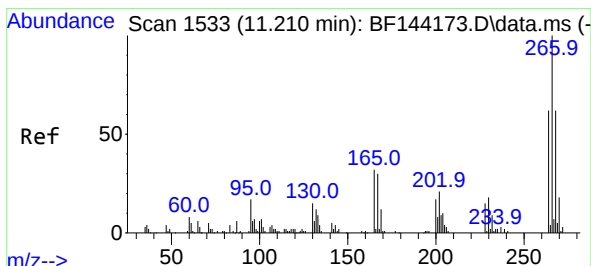
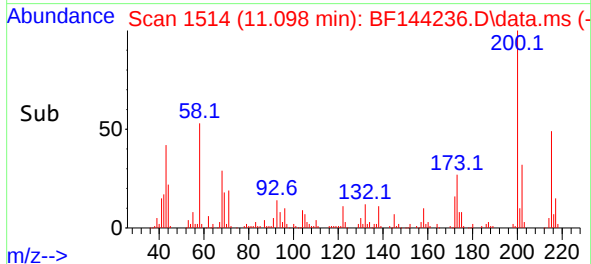
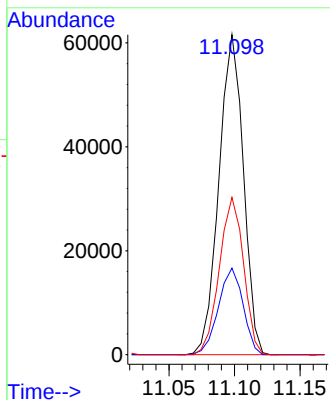
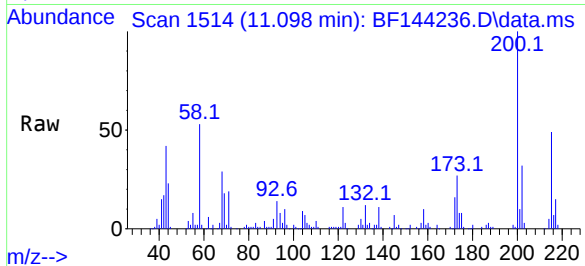




#69
Atrazine
Concen: 46.854 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

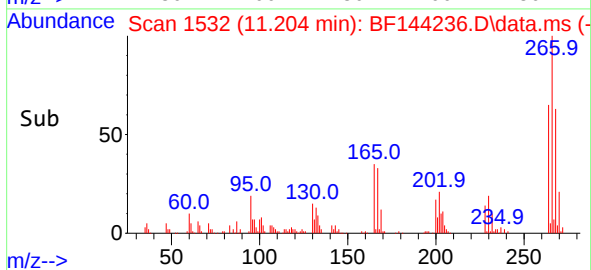
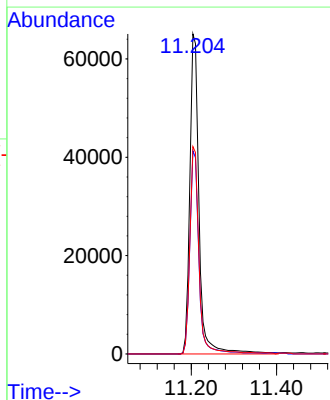
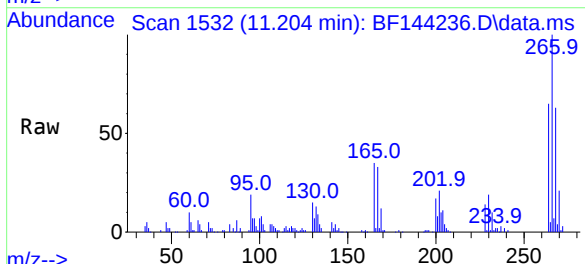
Instrument :
BNA_F
ClientSampleId :
PB170515BS

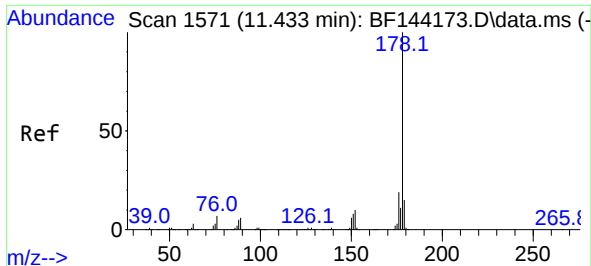
Tgt Ion:200 Resp: 79812
Ion Ratio Lower Upper
200 100
173 27.0 5.0 45.0
215 49.2 28.7 68.7



#70
Pentachlorophenol
Concen: 78.509 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:266 Resp: 97885
Ion Ratio Lower Upper
266 100
268 63.4 49.5 74.3
264 64.8 49.4 74.2

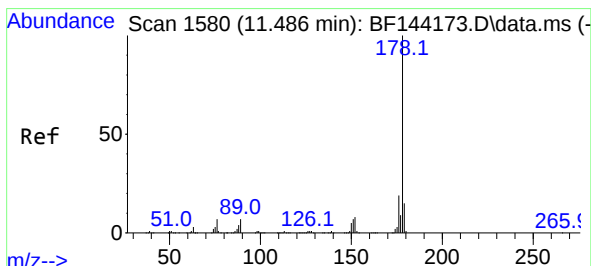
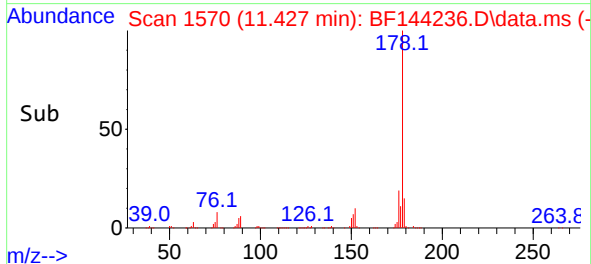
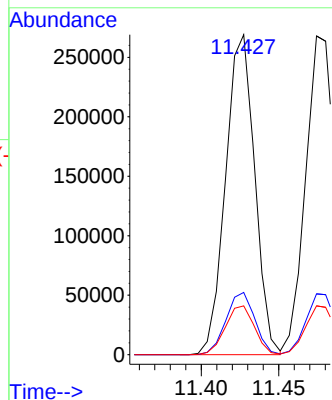
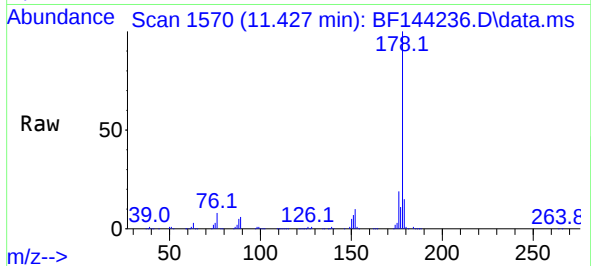




#71
Phenanthrene
Concen: 42.388 ng
RT: 11.427 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

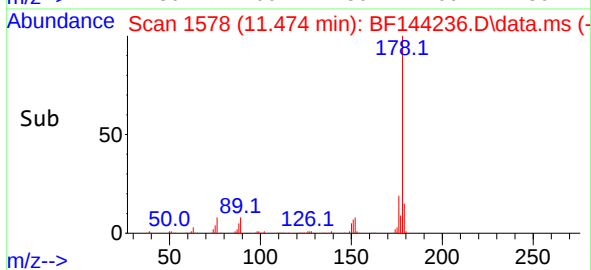
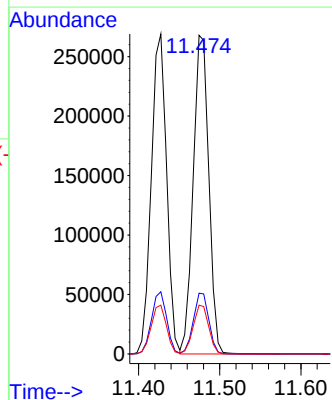
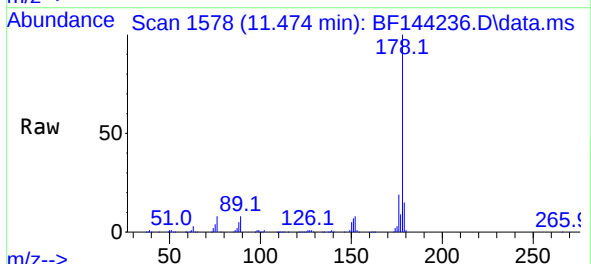
Instrument :
BNA_F
ClientSampleId :
PB170515BS

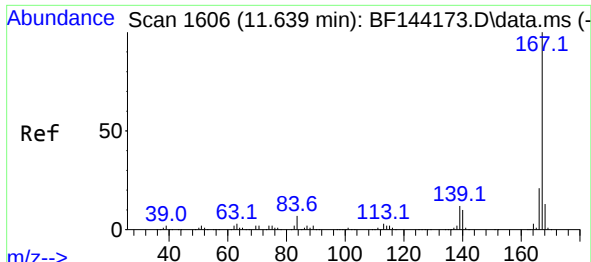
Tgt Ion:178 Resp: 351466
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 42.513 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

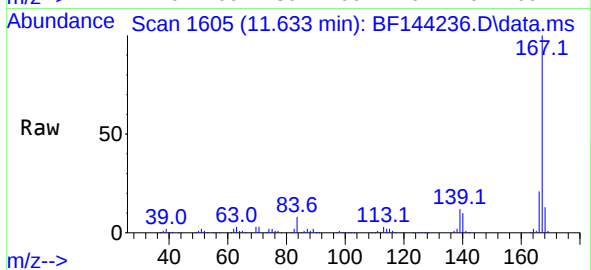
Tgt Ion:178 Resp: 358443
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.0 18.0



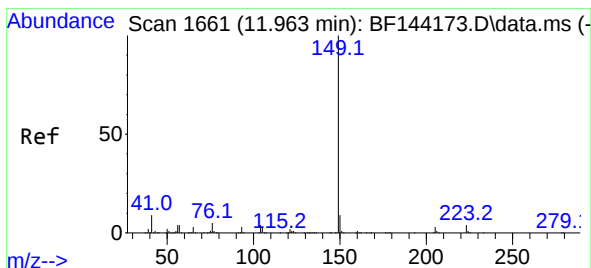
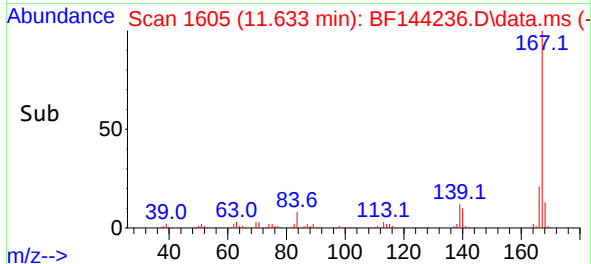
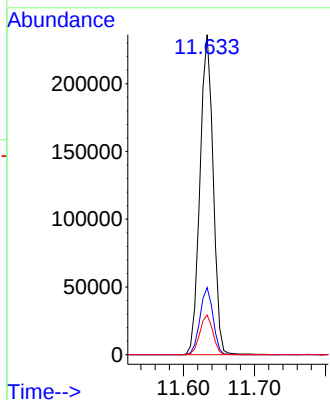


#73
Carbazole
Concen: 42.672 ng
RT: 11.633 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Instrument :
BNA_F
ClientSampleId :
PB170515BS

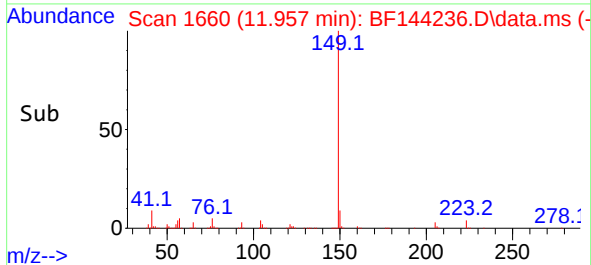
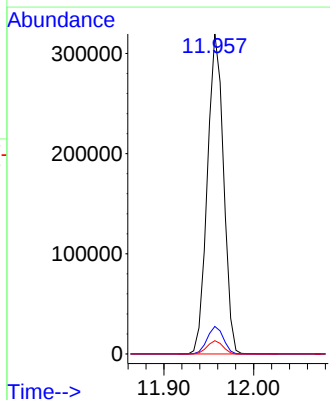
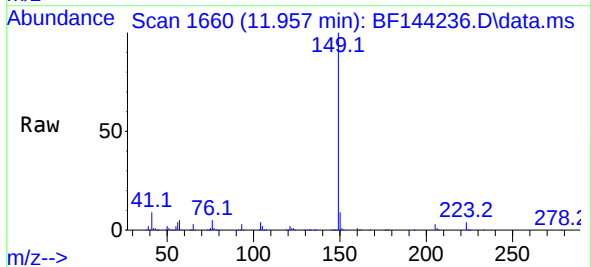


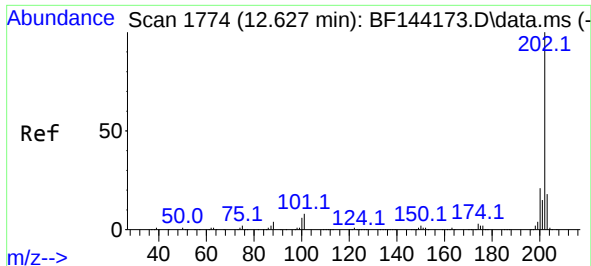
Tgt Ion:167 Resp: 305936
Ion Ratio Lower Upper
167 100
166 20.9 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 46.147 ng
RT: 11.957 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:149 Resp: 399956
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.0
104 4.1 3.4 5.2

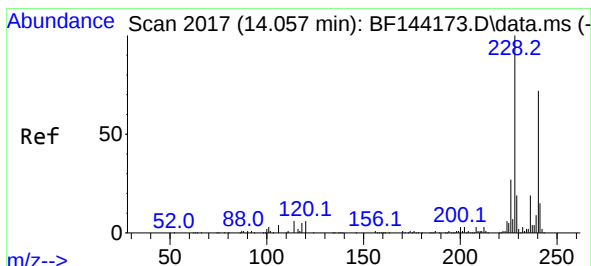
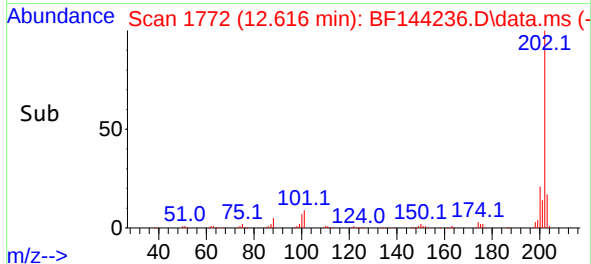
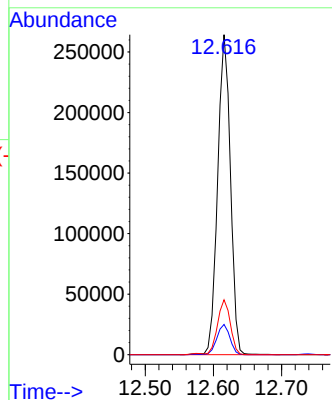
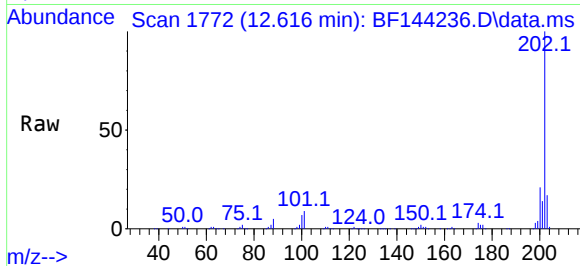




#75
Fluoranthene
Concen: 40.180 ng
RT: 12.616 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

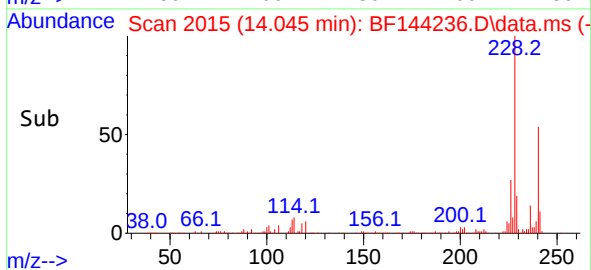
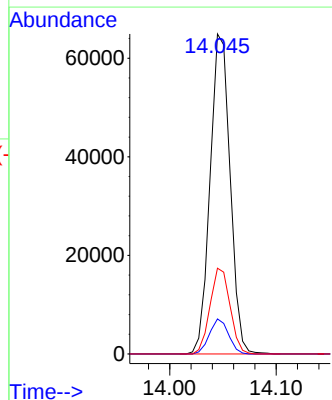
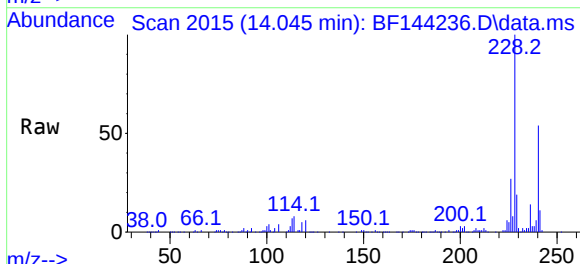
Instrument :
BNA_F
ClientSampleId :
PB170515BS

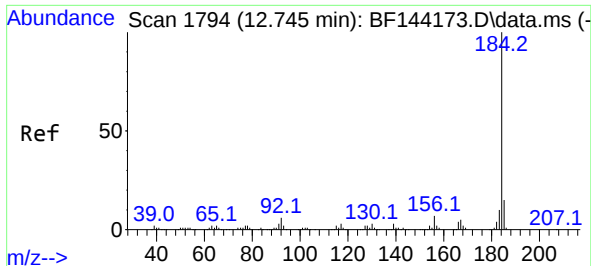
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	27.9
203	17.2	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

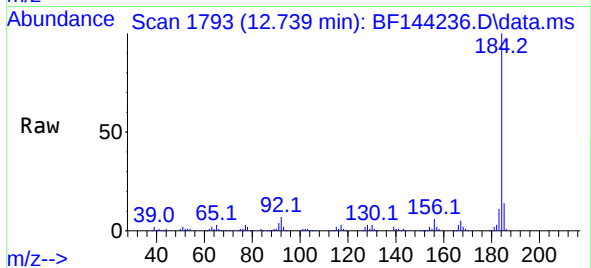
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	6.6	10.0#
236	26.8	21.4	32.2



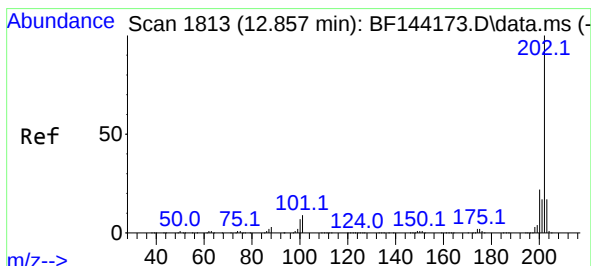
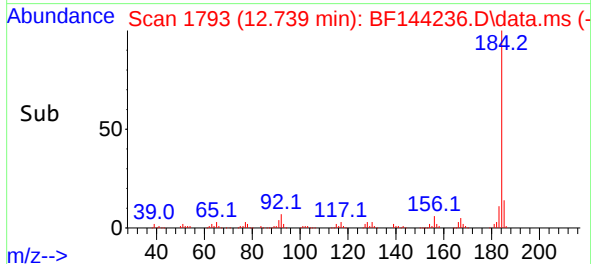
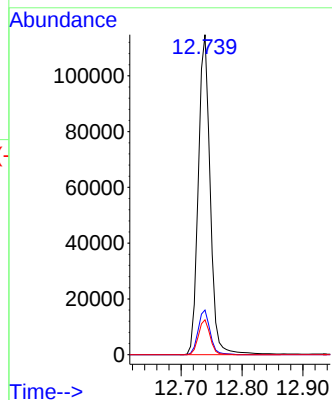


#77
Benzidine
Concen: 62.120 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Instrument :
BNA_F
ClientSampleId :
PB170515BS

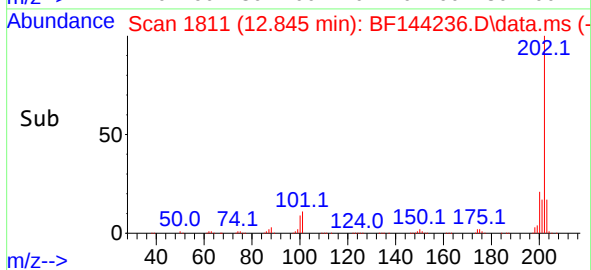
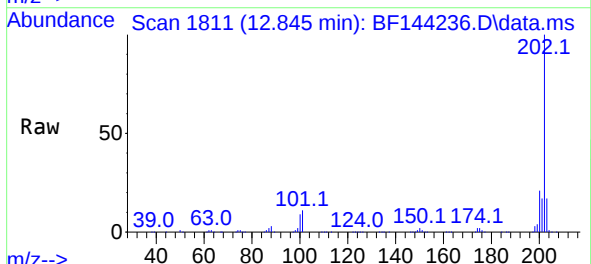
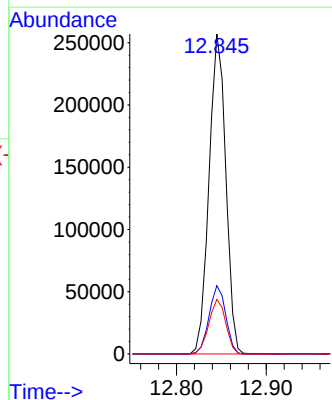


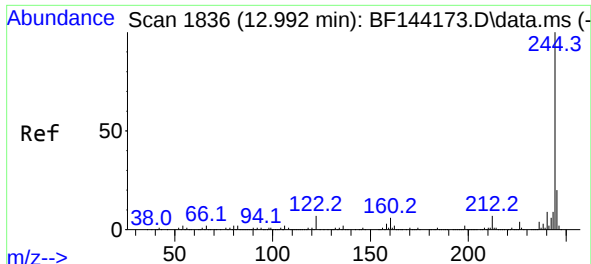
Tgt Ion:184 Resp: 155632
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 10.9 8.3 12.5



#78
Pyrene
Concen: 48.743 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:202 Resp: 332878
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.1 13.7 20.5

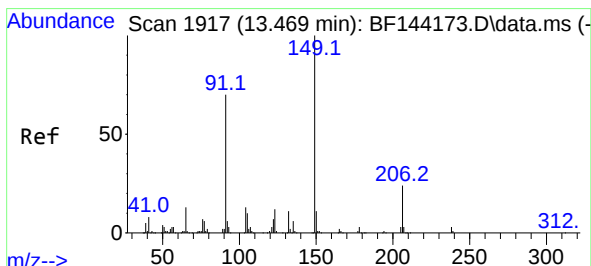
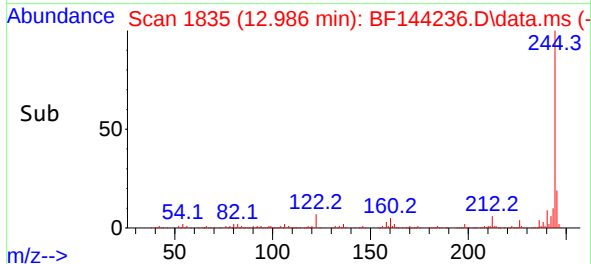
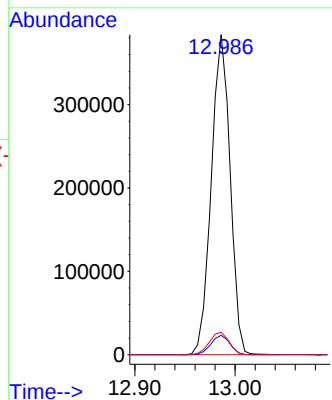
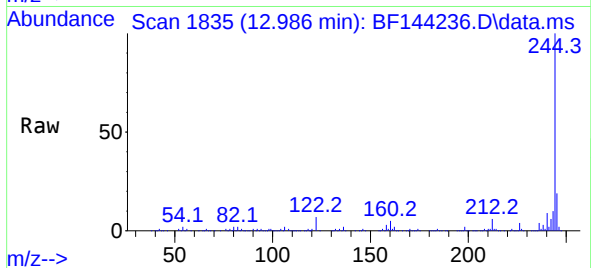




#79
 Terphenyl-d14
 Concen: 93.883 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144236.D
 Acq: 12 Nov 2025 18:50

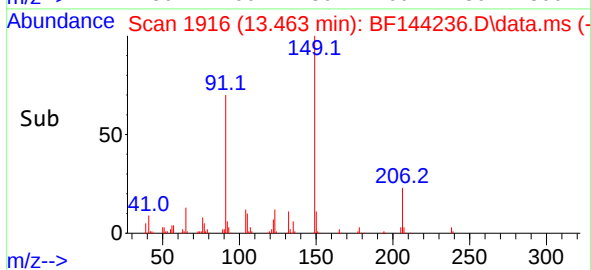
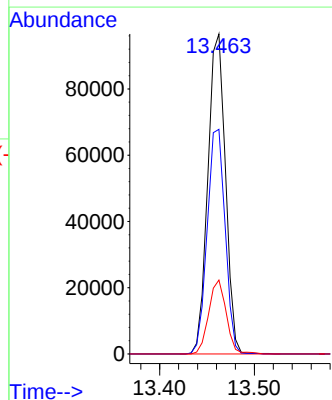
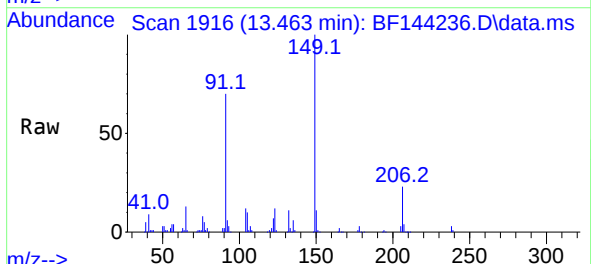
Instrument :
 BNA_F
 ClientSampleId :
 PB170515BS

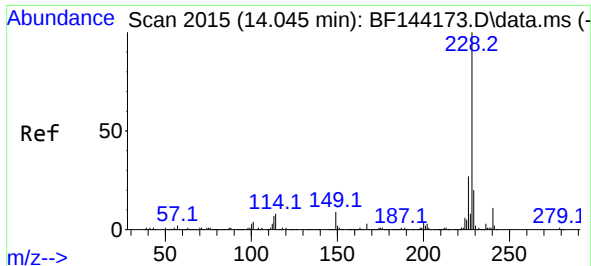
Tgt Ion:244 Resp: 500617
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 7.0 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 52.647 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF144236.D
 Acq: 12 Nov 2025 18:50

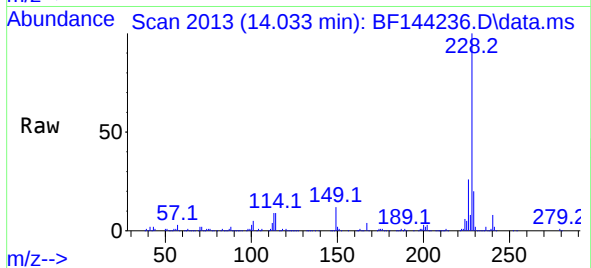
Tgt Ion:149 Resp: 124612
 Ion Ratio Lower Upper
 149 100
 91 70.2 56.1 84.1
 206 23.1 18.8 28.2



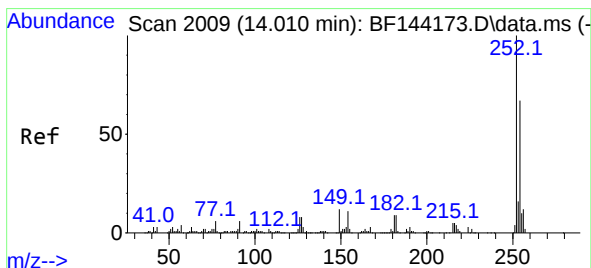
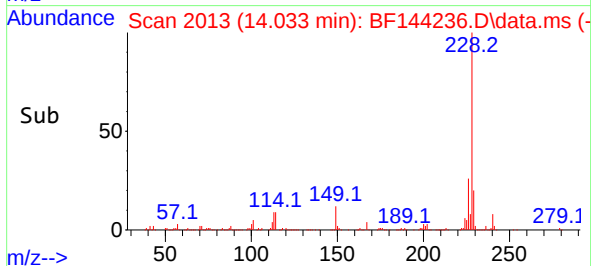
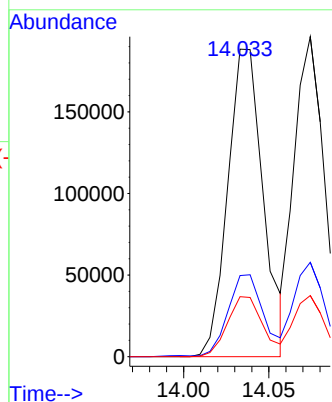


#81
Benzo(a)anthracene
Concen: 46.518 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Instrument :
BNA_F
ClientSampleId :
PB170515BS

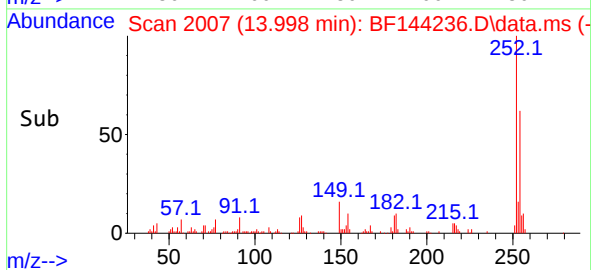
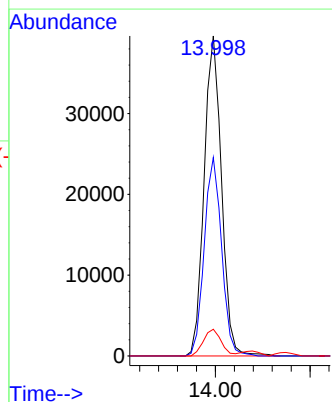
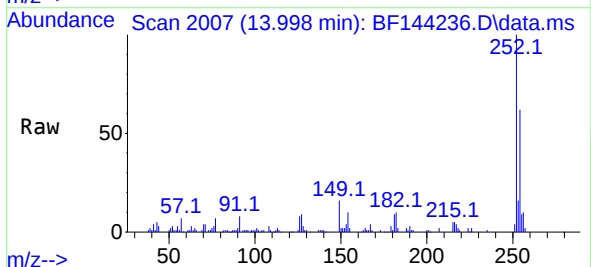


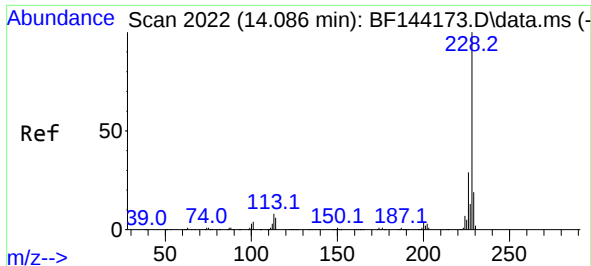
Tgt Ion:228 Resp: 273075
Ion Ratio Lower Upper
228 100
226 26.4 21.8 32.8
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 25.092 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:252 Resp: 50489
Ion Ratio Lower Upper
252 100
254 62.0 53.5 80.3
126 8.4 6.4 9.6

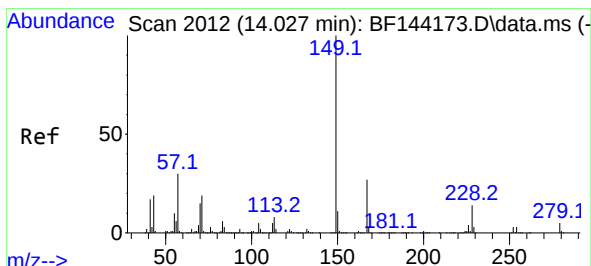
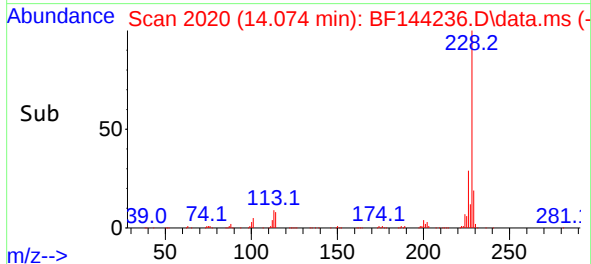
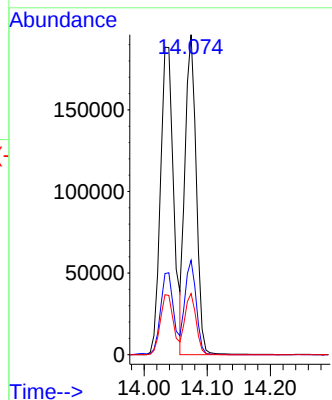
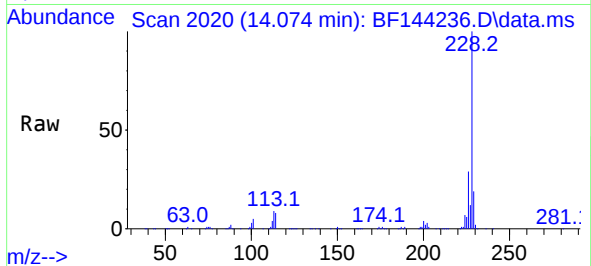




#83
Chrysene
Concen: 44.562 ng
RT: 14.074 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

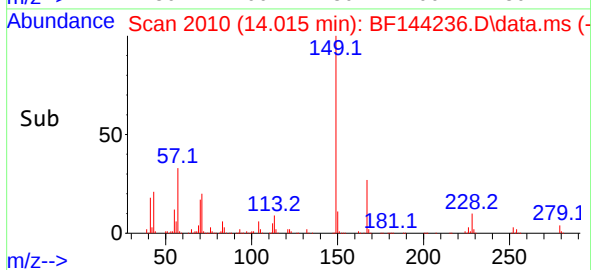
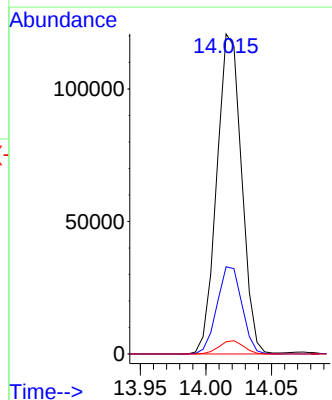
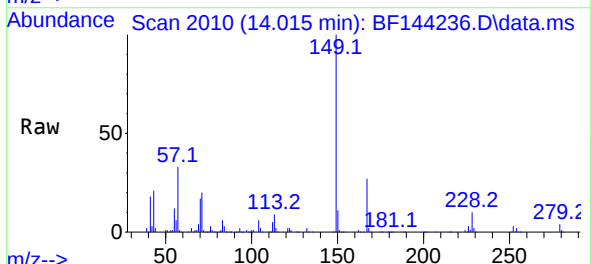
Instrument :
BNA_F
ClientSampleId :
PB170515BS

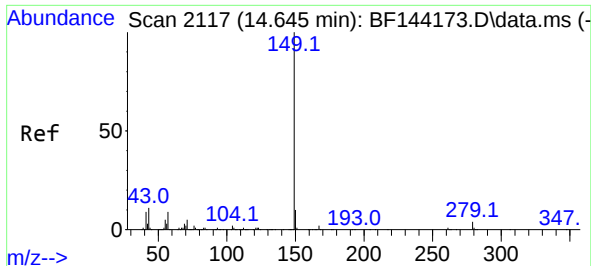
Tgt Ion:228 Resp: 241482
Ion Ratio Lower Upper
228 100
226 29.5 22.9 34.3
229 19.1 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.020 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:149 Resp: 158832
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 3.8 3.7 5.5

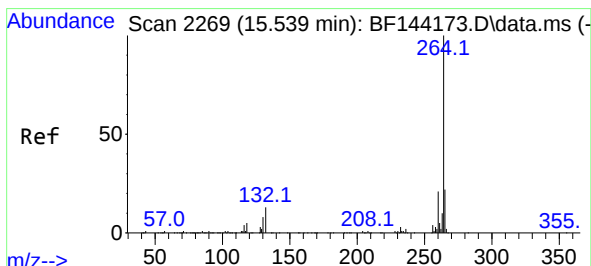
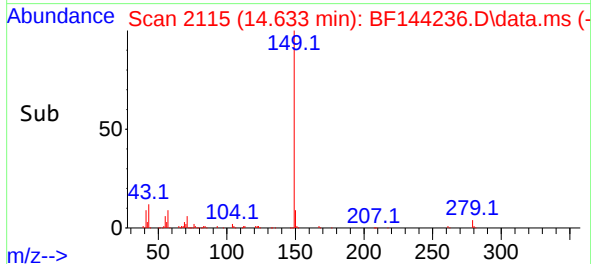
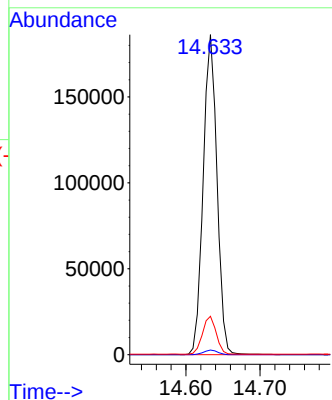
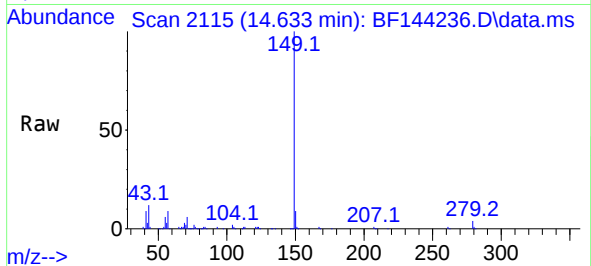




#85
Di-n-octyl phthalate
Concen: 43.200 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

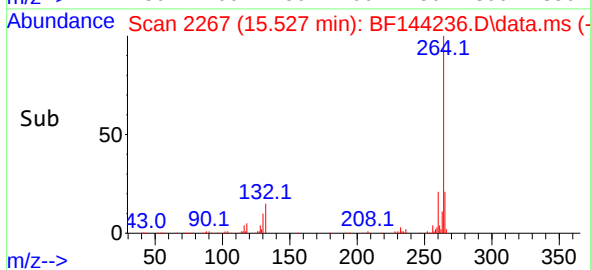
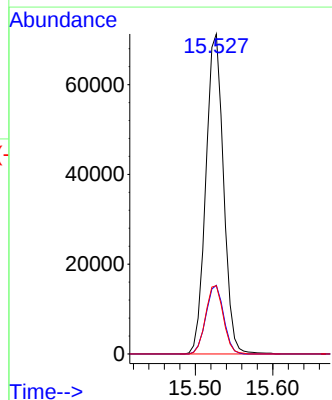
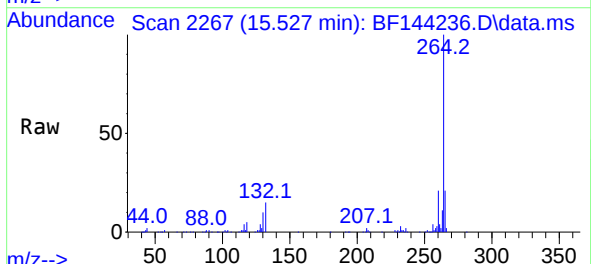
Instrument :
BNA_F
ClientSampleId :
PB170515BS

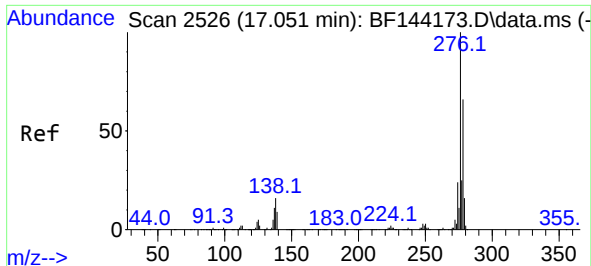
Tgt Ion:149 Resp: 241505
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.8 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:264 Resp: 112671
Ion Ratio Lower Upper
264 100
260 21.5 17.1 25.7
265 21.4 17.4 26.0

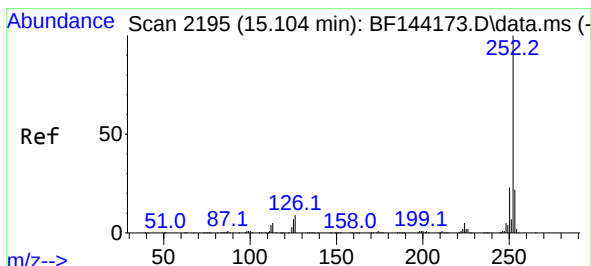
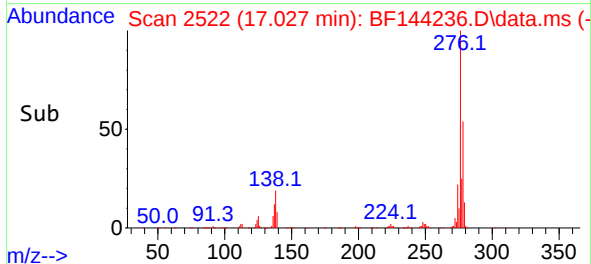
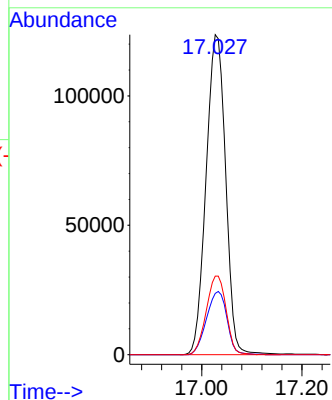
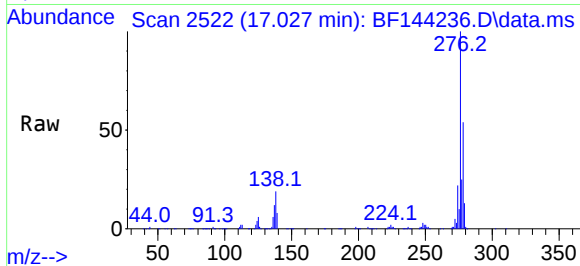




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.372 ng
RT: 17.027 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

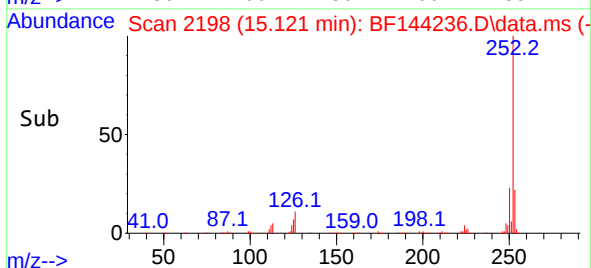
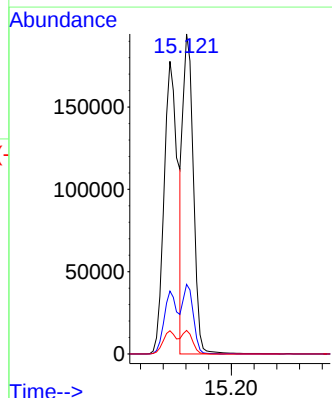
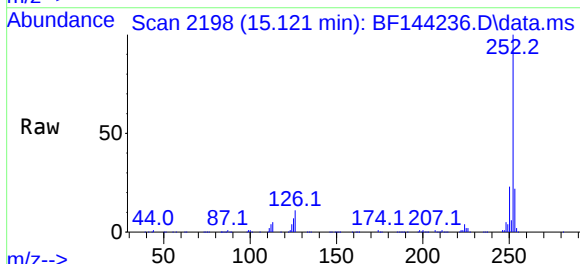
Instrument :
BNA_F
ClientSampleId :
PB170515BS

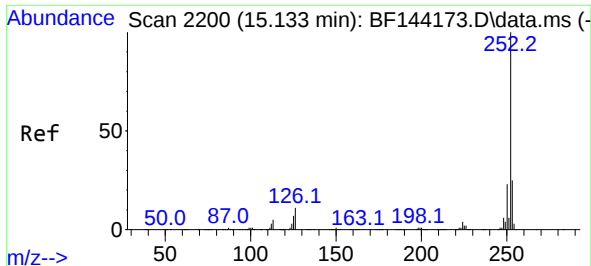
Tgt Ion:276 Resp: 334616
Ion Ratio Lower Upper
276 100
138 20.7 13.9 20.9
277 24.9 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 39.012 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.023 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

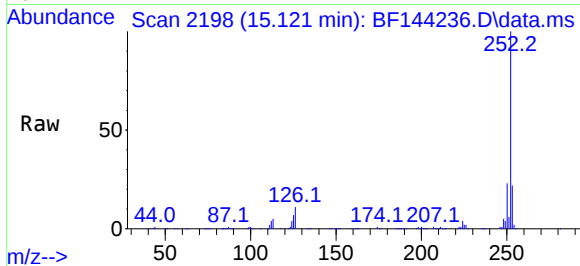
Tgt Ion:252 Resp: 249896
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 7.4 5.3 7.9



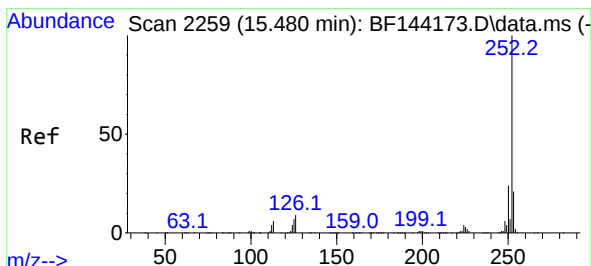
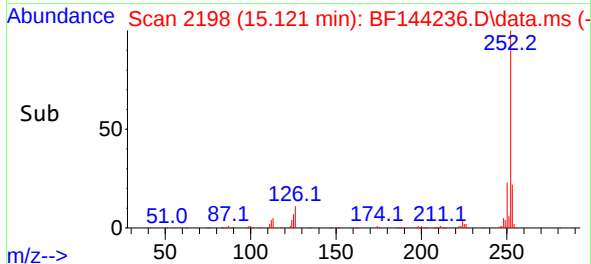
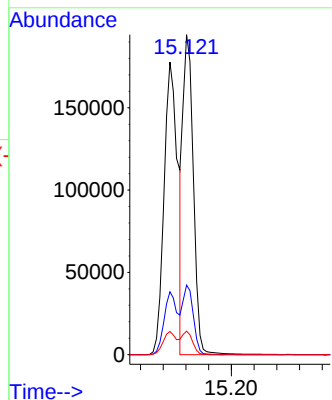


#89
Benzo(k)fluoranthene
Concen: 41.680 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Instrument :
BNA_F
ClientSampleId :
PB170515BS

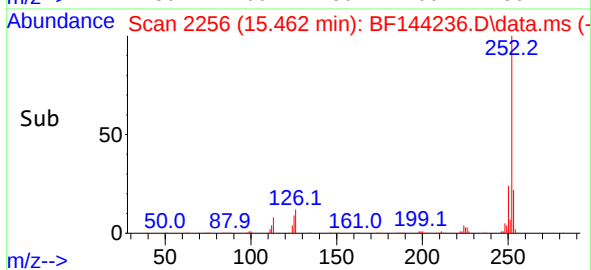
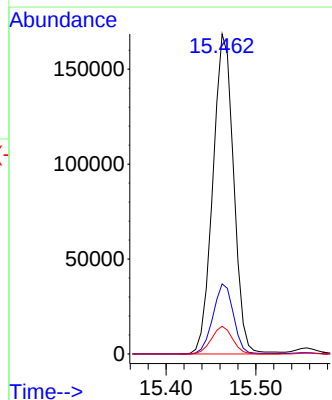
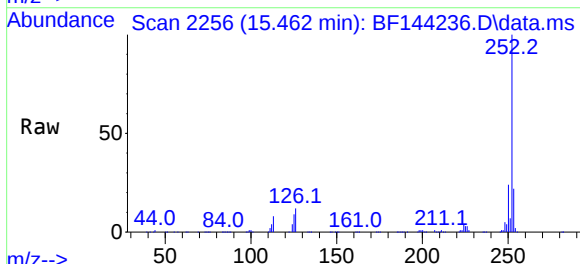


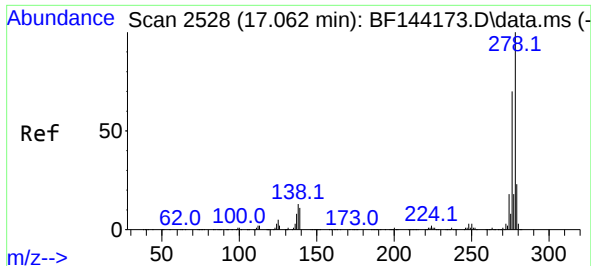
Tgt Ion:252 Resp: 249896
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 7.4 5.4 8.2



#90
Benzo(a)pyrene
Concen: 45.821 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

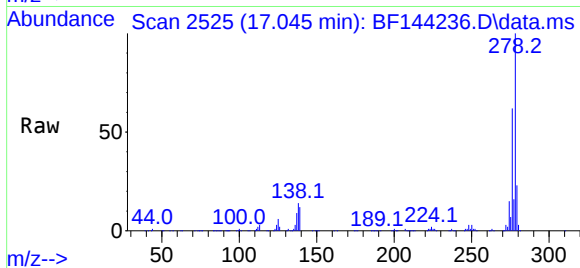
Tgt Ion:252 Resp: 270772
Ion Ratio Lower Upper
252 100
253 21.9 16.7 25.1
125 8.6 5.7 8.5#



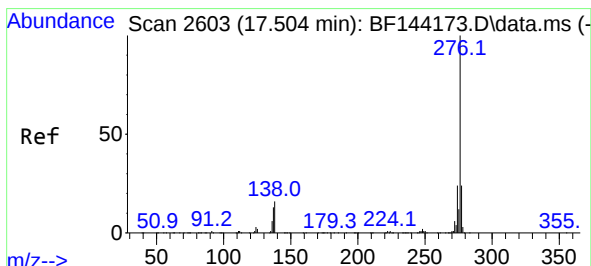
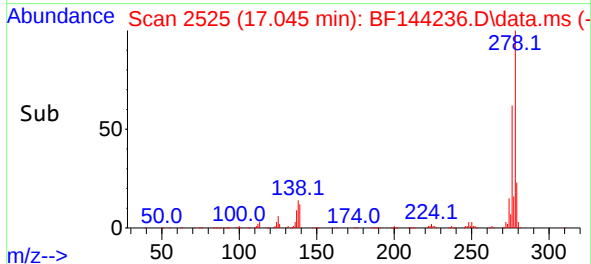
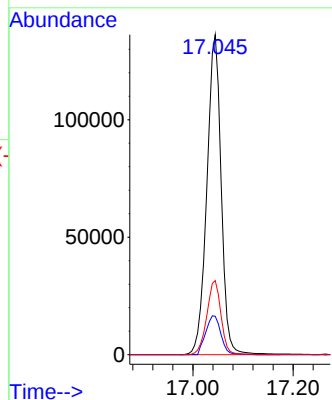


#91
Dibenzo(a,h)anthracene
Concen: 41.595 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Instrument :
BNA_F
ClientSampleId :
PB170515BS



Tgt Ion:278 Resp: 270183
Ion Ratio Lower Upper
278 100
139 12.0 9.1 13.7
279 23.1 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 41.538 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144236.D
Acq: 12 Nov 2025 18:50

Tgt Ion:276 Resp: 266444
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 18.6 12.9 19.3

