

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144232.D
 Acq On : 12 Nov 2025 16:51
 Operator : RC/JU
 Sample : PB170323BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170323BS

Quant Time: Nov 13 10:39:34 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	47907	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	192789	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	104300	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	179114	20.000	ng	0.00
76) Chrysene-d12	14.051	240	92727	20.000	ng	0.00
86) Perylene-d12	15.527	264	106133	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	354831	115.905	ng	0.01
7) Phenol-d6	6.504	99	408096	117.647	ng	0.00
23) Nitrobenzene-d5	7.434	82	266528	79.845	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	147857	112.968	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	533374	75.528	ng	0.00
79) Terphenyl-d14	12.986	244	534919	91.631	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	51148	40.412	ng	96
3) Pyridine	3.493	79	147819	41.862	ng	99
4) n-Nitrosodimethylamine	3.440	42	90014	48.803	ng	94
6) Aniline	6.534	93	173126	35.030	ng	94
8) 2-Chlorophenol	6.657	128	133818	44.572	ng	98
9) Benzaldehyde	6.422	77	68314	34.876	ng	99
10) Phenol	6.522	94	181171	42.748	ng	84
11) bis(2-Chloroethyl)ether	6.604	93	146740	47.517	ng	96
12) 1,3-Dichlorobenzene	6.810	146	156437	42.227	ng	100
13) 1,4-Dichlorobenzene	6.887	146	159248	42.906	ng	99
14) 1,2-Dichlorobenzene	7.039	146	155487	43.707	ng	98
15) Benzyl Alcohol	7.010	79	130011	47.333	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	297747	52.356	ng	98
17) 2-Methylphenol	7.122	107	107892	45.173	ng	96
18) Hexachloroethane	7.381	117	52541	42.609	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	100988	44.224	ng	94
20) 3+4-Methylphenols	7.275	107	118122	41.954	ng	97
22) Acetophenone	7.281	105	185250	44.792	ng	96
24) Nitrobenzene	7.451	77	156966	43.309	ng	99
25) Isophorone	7.692	82	285699	45.249	ng	99
26) 2-Nitrophenol	7.769	139	79049	44.060	ng	96
27) 2,4-Dimethylphenol	7.804	122	129272	48.073	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	177575	45.037	ng	97
29) 2,4-Dichlorophenol	8.010	162	126258	40.737	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	133667	42.000	ng	99
31) Naphthalene	8.175	128	375705	40.968	ng	99
32) Benzoic acid	7.939	122	97541	49.485	ng	93
33) 4-Chloroaniline	8.222	127	88116	26.345	ng	98
34) Hexachlorobutadiene	8.286	225	91590	38.186	ng	97
35) Caprolactam	8.598	113	24984	29.423	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	120896	43.524	ng	98
37) 2-Methylnaphthalene	8.863	142	233804	38.131	ng	98
38) 1-Methylnaphthalene	8.963	142	235362	39.782	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	146442	42.841	ng	98
41) Hexachlorocyclopentadiene	9.016	237	105688	79.395	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	100305	43.114	ng	100

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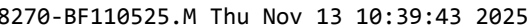
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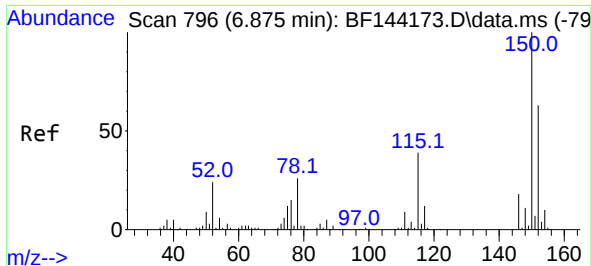
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	104835	41.809	ng	98
46) 1,1'-Biphenyl	9.328	154	332486	45.668	ng	99
47) 2-Chloronaphthalene	9.357	162	260690	41.977	ng	99
48) 2-Nitroaniline	9.451	65	85459	47.692	ng	99
49) Acenaphthylene	9.775	152	397570	46.978	ng	99
50) Dimethylphthalate	9.633	163	311681	45.108	ng	99
51) 2,6-Dinitrotoluene	9.698	165	67663	48.374	ng	96
52) Acenaphthene	9.945	154	225001	39.758	ng	99
53) 3-Nitroaniline	9.869	138	54746	35.804	ng	99
54) 2,4-Dinitrophenol	9.980	184	68602	81.221	ng	96
55) Dibenzofuran	10.116	168	324889	40.990	ng	100
56) 4-Nitrophenol	10.033	139	94585	85.516	ng	98
57) 2,4-Dinitrotoluene	10.104	165	89444	47.767	ng	96
58) Fluorene	10.463	166	256278	42.527	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	79416	44.765	ng	98
60) Diethylphthalate	10.333	149	287534	45.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	137769	40.134	ng	99
62) 4-Nitroaniline	10.486	138	67761	46.535	ng	92
63) Azobenzene	10.610	77	283712	47.859	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	51151	42.038	ng	98
66) n-Nitrosodiphenylamine	10.569	169	255483	44.349	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	95107	41.600	ng	95
68) Hexachlorobenzene	11.010	284	110929	41.194	ng	99
69) Atrazine	11.098	200	84004	45.852	ng	98
70) Pentachlorophenol	11.210	266	118302	88.223	ng	98
71) Phenanthrene	11.427	178	376843	42.257	ng	100
72) Anthracene	11.480	178	383127	42.251	ng	99
73) Carbazole	11.633	167	331413	42.981	ng	99
74) Di-n-butylphthalate	11.957	149	424757	45.568	ng	100
75) Fluoranthene	12.616	202	370847	40.256	ng	98
77) Benzidine	12.739	184	75217	27.423	ng	98
78) Pyrene	12.845	202	364875	48.803	ng	99
80) Butylbenzylphthalate	13.463	149	137159	52.931	ng	99
81) Benzo(a)anthracene	14.039	228	290933	45.270	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	80899	36.724	ng	98
83) Chrysene	14.074	228	263491	44.414	ng	97
84) Bis(2-ethylhexyl)phtha...	14.021	149	177351	49.996	ng	98
85) Di-n-octyl phthalate	14.633	149	274123	44.790	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	348356	45.724	ng	# 96
88) Benzo(b)fluoranthene	15.127	252	276301	45.792	ng	99
89) Benzo(k)fluoranthene	15.127	252	276301	48.923	ng	98
90) Benzo(a)pyrene	15.468	252	280147	50.327	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	283279	46.298	ng	98
92) Benzo(g,h,i)perylene	17.486	276	280300	46.390	ng	97

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

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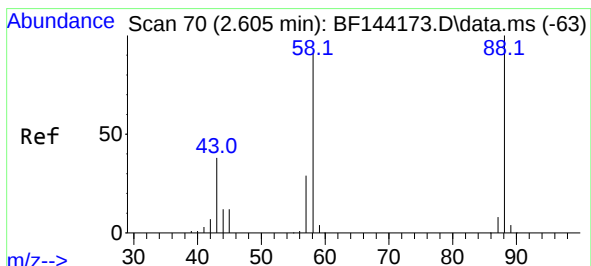
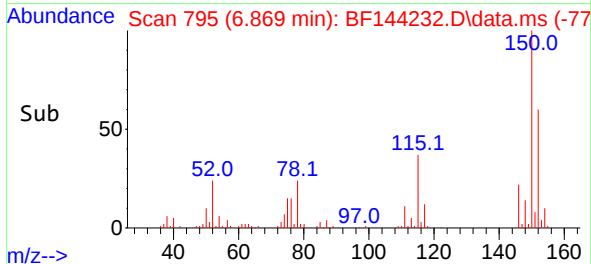
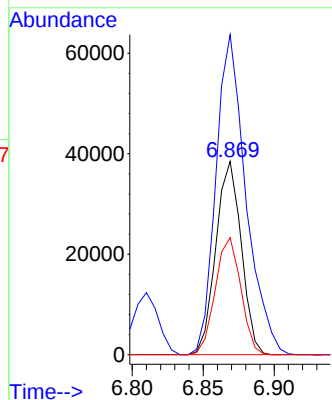
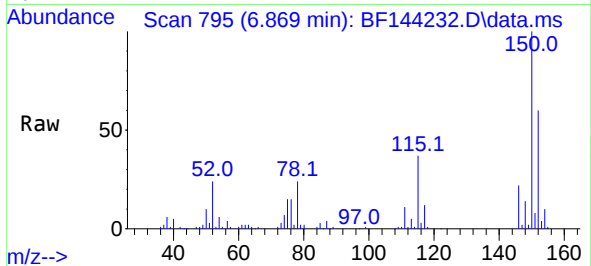




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF144232.D
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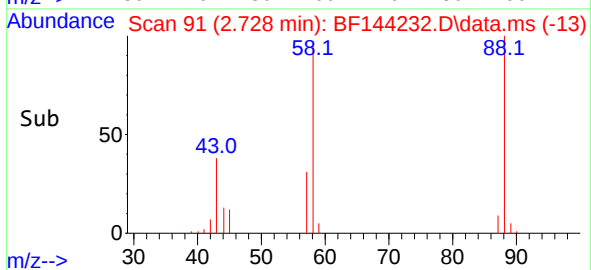
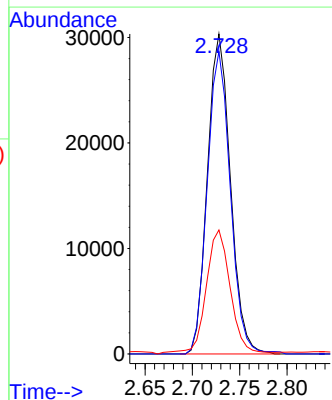
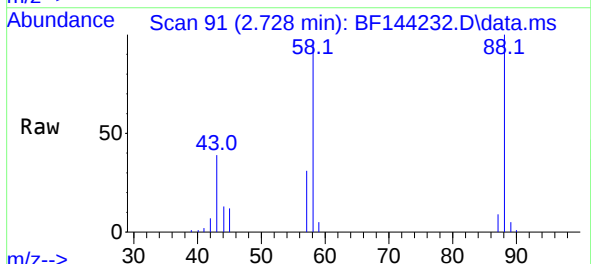
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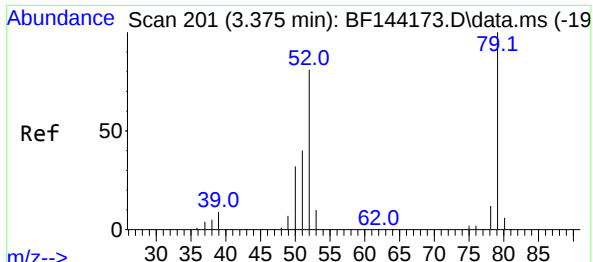
Tgt Ion:152 Resp: 47907
 Ion Ratio Lower Upper
 152 100
 150 165.6 127.4 191.0
 115 60.6 49.5 74.3



#2
 1,4-Dioxane
 Concen: 40.412 ng
 RT: 2.728 min Scan# 91
 Delta R.T. 0.112 min
 Lab File: BF144232.D
 Acq: 12 Nov 2025 16:51

Tgt Ion: 88 Resp: 51148
 Ion Ratio Lower Upper
 88 100
 58 95.0 73.1 109.7
 43 40.9 31.0 46.6

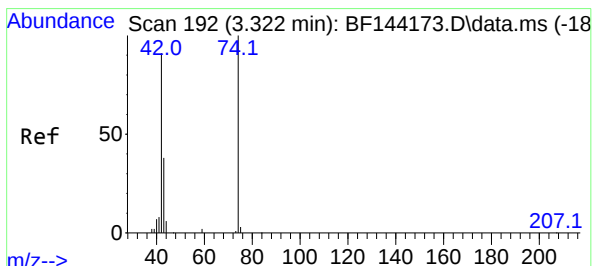
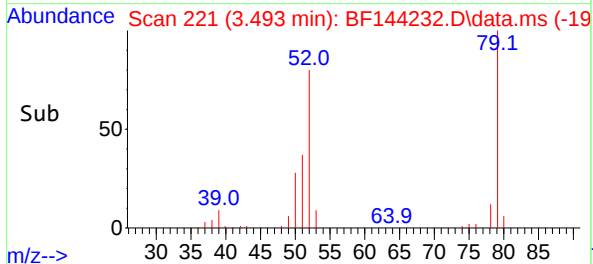
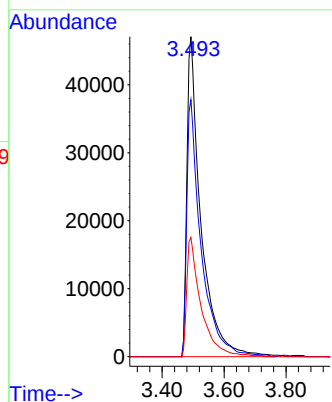
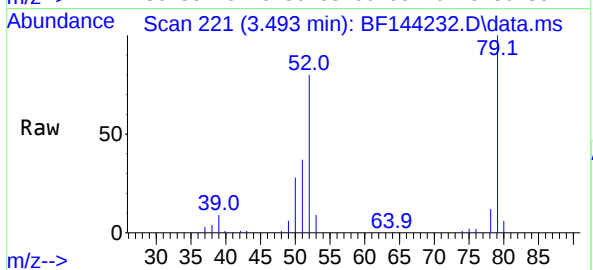




#3
Pyridine
Concen: 41.862 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

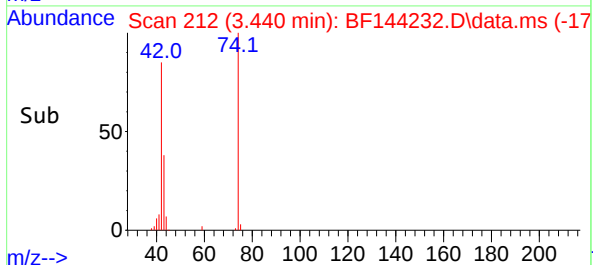
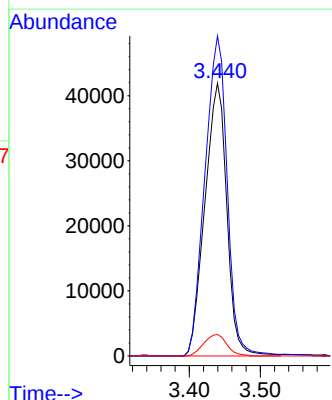
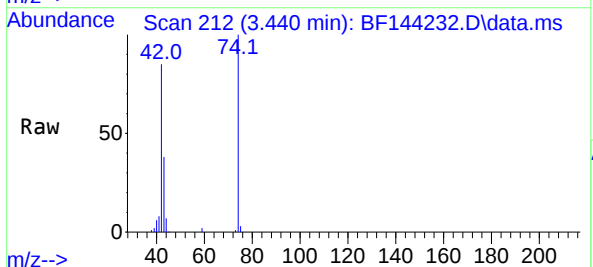
Instrument :
BNA_F
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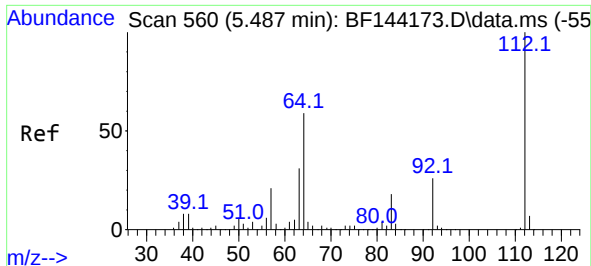
Tgt Ion: 79 Resp: 147819
Ion Ratio Lower Upper
79 100
52 80.3 64.5 96.7
51 37.2 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 48.803 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.094 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion: 42 Resp: 90014
Ion Ratio Lower Upper
42 100
74 117.3 88.2 132.4
44 7.9 5.7 8.5

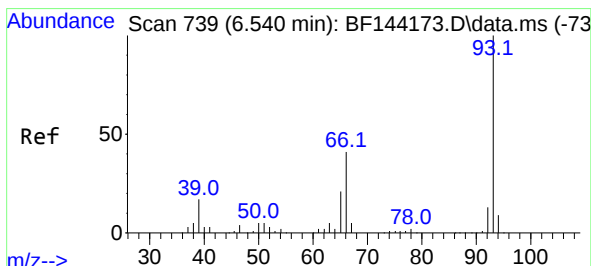
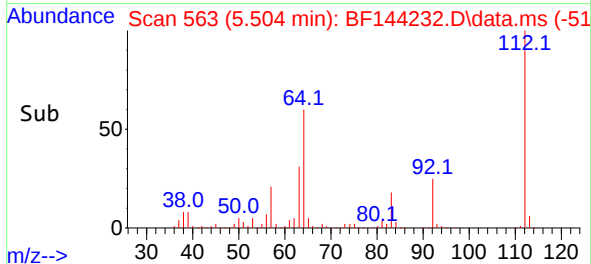
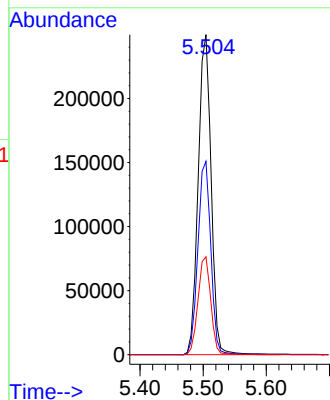
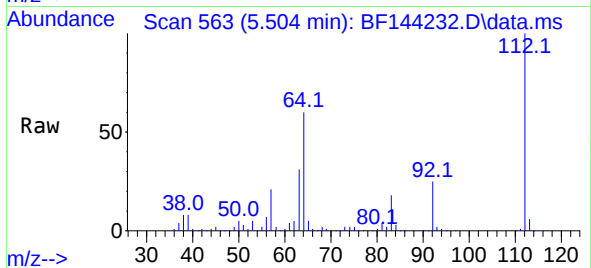




#5
2-Fluorophenol
Concen: 115.905 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

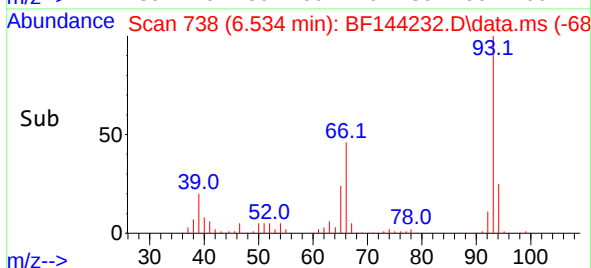
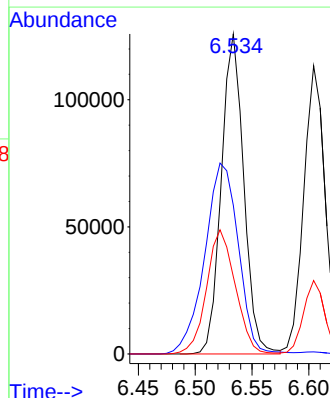
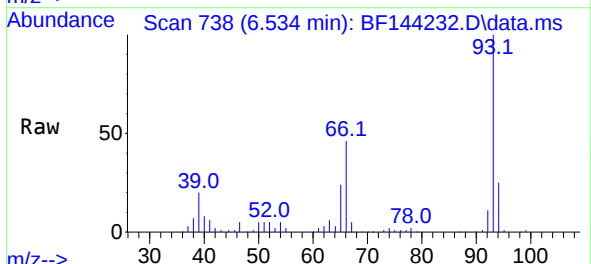
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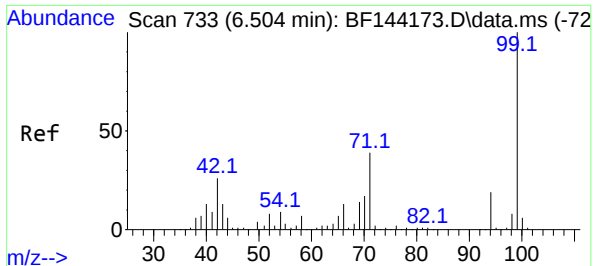
Tgt Ion:112 Resp: 354831
Ion Ratio Lower Upper
112 100
64 60.4 47.2 70.8
63 30.6 24.4 36.6



#6
Aniline
Concen: 35.030 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion: 93 Resp: 173126
Ion Ratio Lower Upper
93 100
66 46.4 34.3 51.5
65 24.1 16.9 25.3

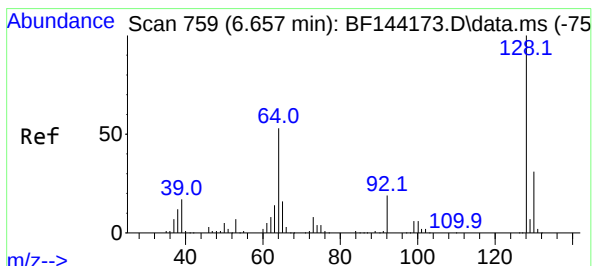
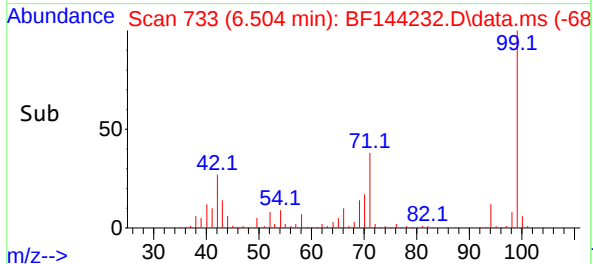
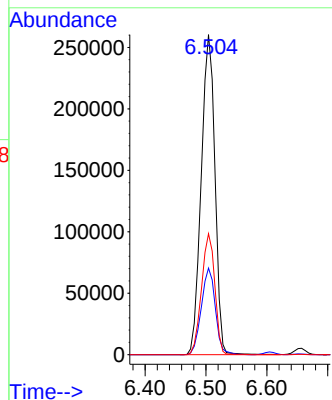
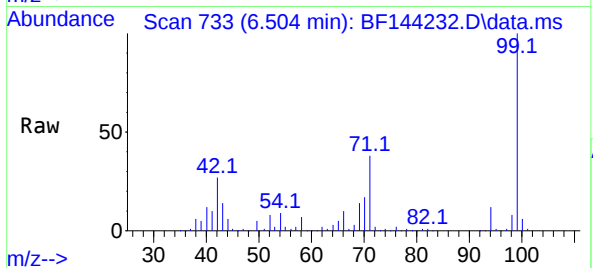




#7
Phenol-d6
Concen: 117.647 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

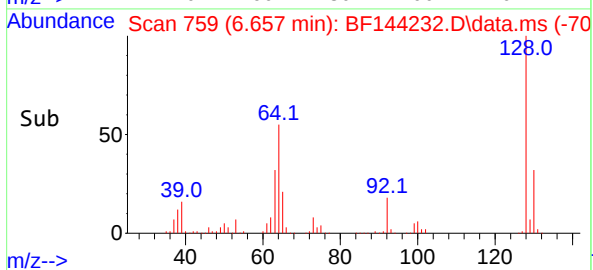
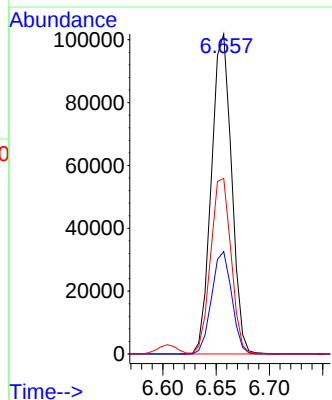
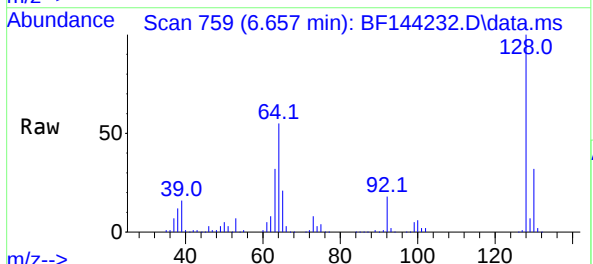
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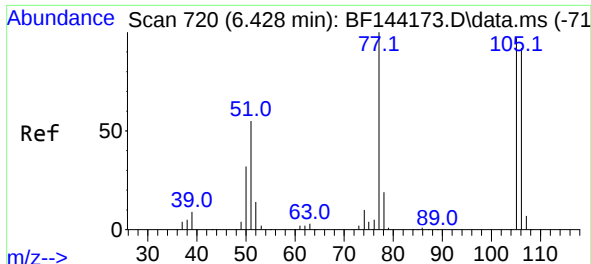
Tgt Ion: 99 Resp: 408096
Ion Ratio Lower Upper
99 100
42 27.0 20.9 31.3
71 37.8 31.4 47.2



#8
2-Chlorophenol
Concen: 44.572 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144232.D
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Tgt Ion: 128 Resp: 133818
Ion Ratio Lower Upper
128 100
130 32.0 10.5 50.5
64 54.9 33.2 73.2

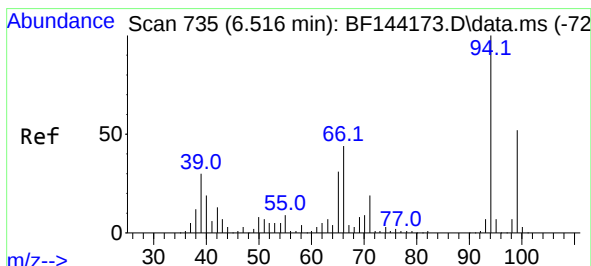
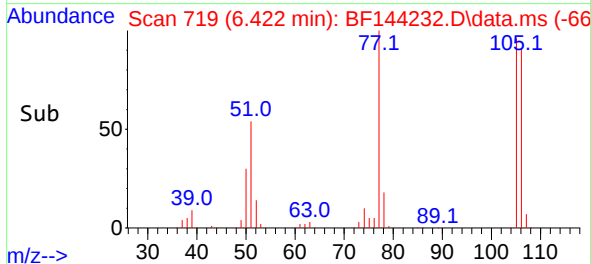
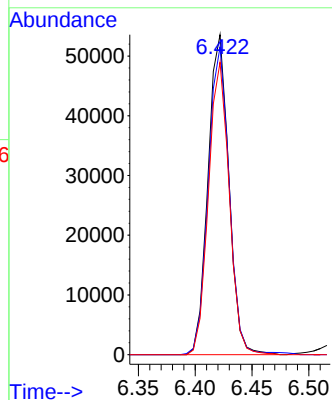
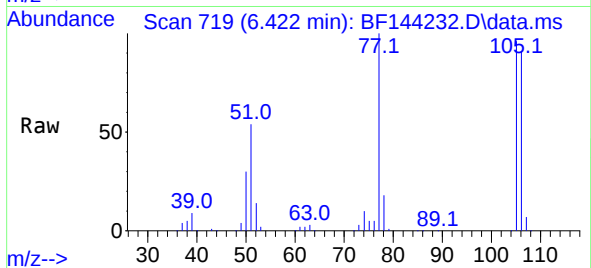




#9
Benzaldehyde
Concen: 34.876 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144232.D
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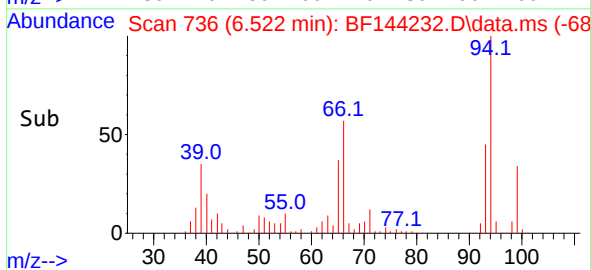
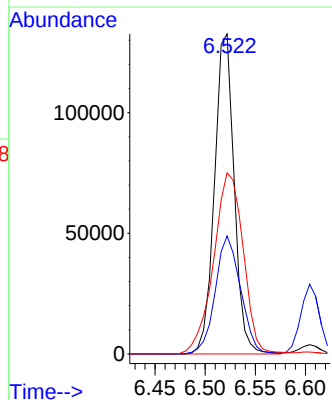
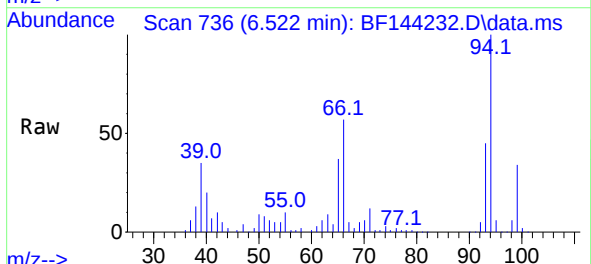
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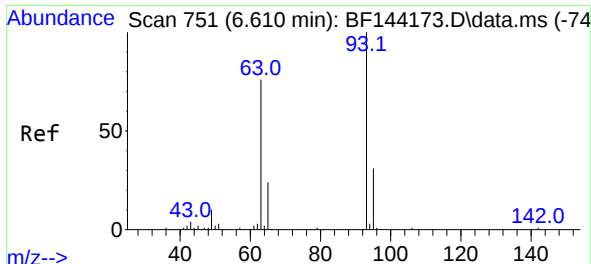
Tgt Ion: 77 Resp: 68314
Ion Ratio Lower Upper
77 100
105 96.2 77.2 117.2
106 91.4 72.2 112.2



#10
Phenol
Concen: 42.748 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.012 min
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Tgt Ion: 94 Resp: 181171
Ion Ratio Lower Upper
94 100
65 36.8 10.8 50.8
66 56.6 24.3 64.3

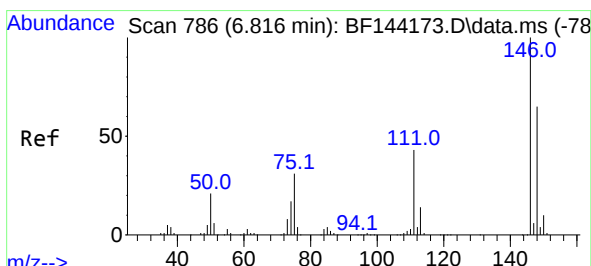
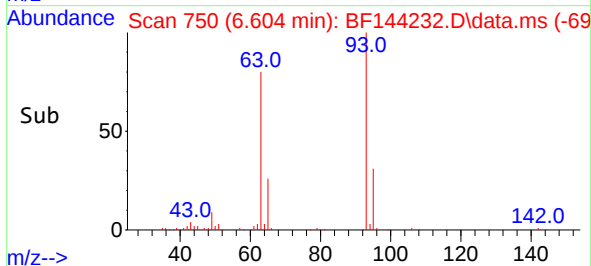
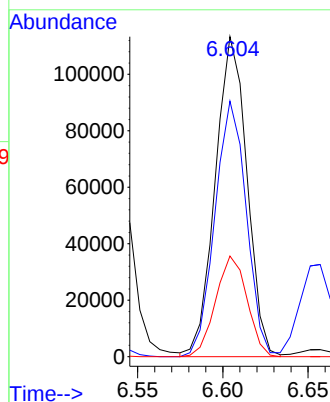
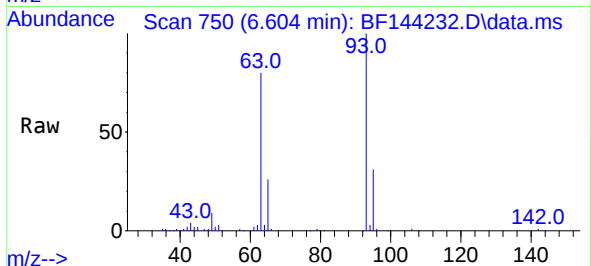




#11
bis(2-Chloroethyl)ether
Concen: 47.517 ng
RT: 6.604 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

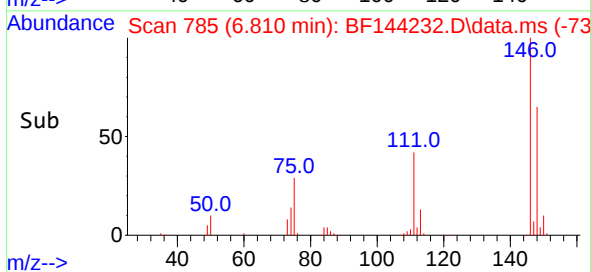
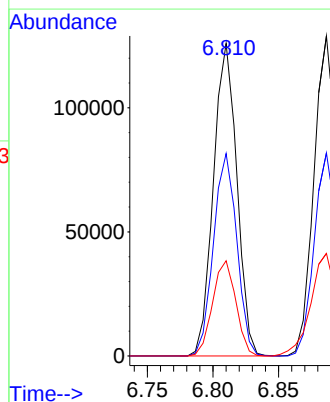
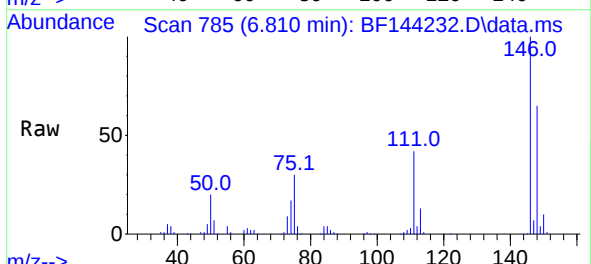
Instrument :
BNA_F
ClientSampleId :
PB170323BS

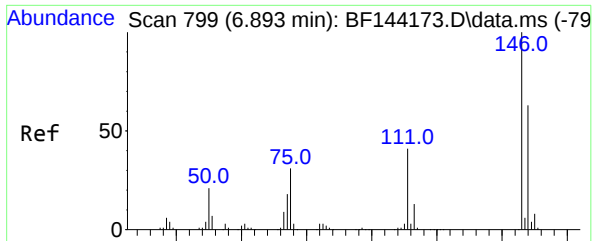
Tgt Ion: 93 Resp: 146740
Ion Ratio Lower Upper
93 100
63 79.9 55.2 95.2
95 31.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 42.227 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

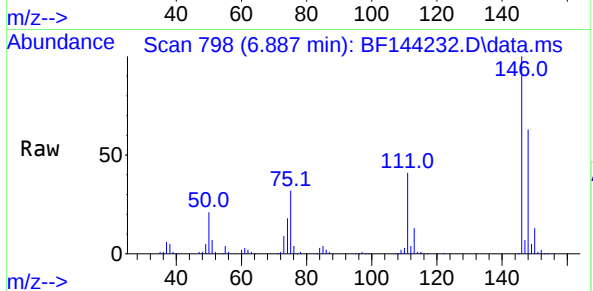
Tgt Ion:146 Resp: 156437
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 30.4 25.0 37.4



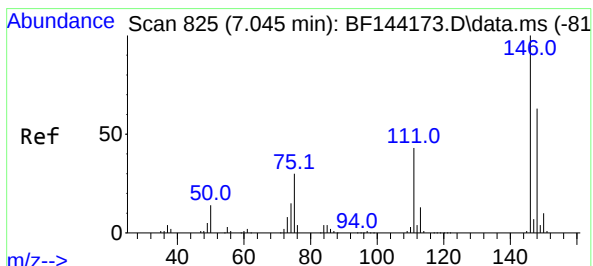
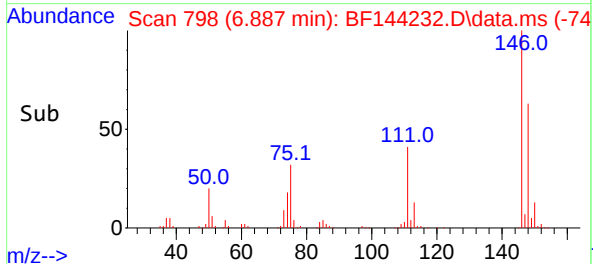
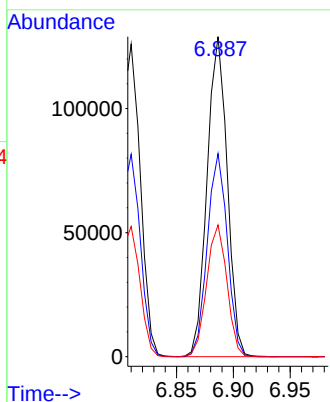


#13
1,4-Dichlorobenzene
Concen: 42.906 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

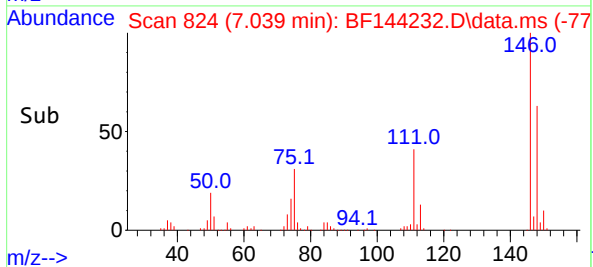
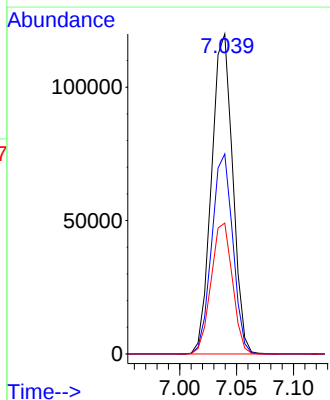
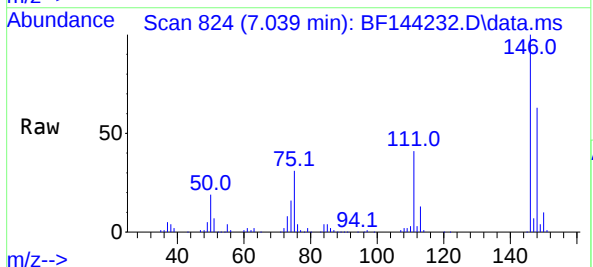


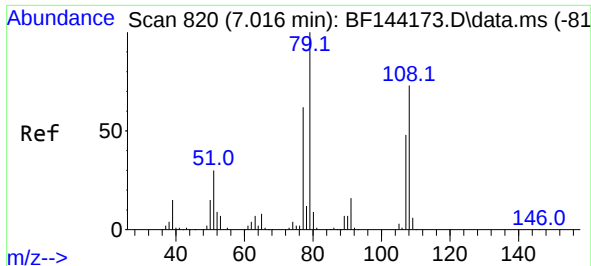
Tgt Ion:146 Resp: 159248
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.2
111 41.1 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 43.707 ng
RT: 7.039 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:146 Resp: 155487
Ion Ratio Lower Upper
146 100
148 62.5 50.7 76.1
111 40.9 34.2 51.4

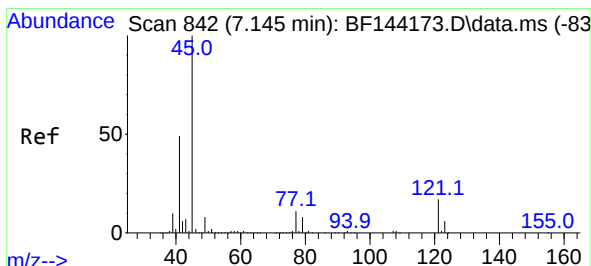
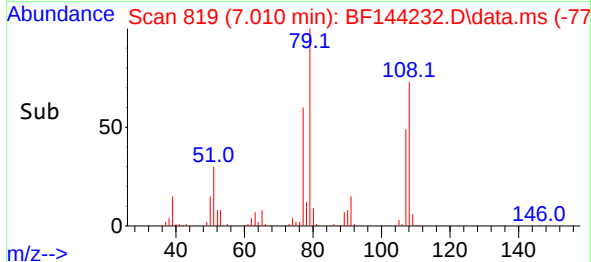
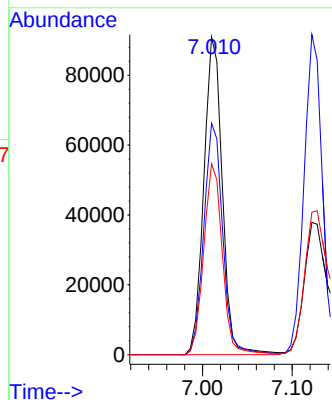
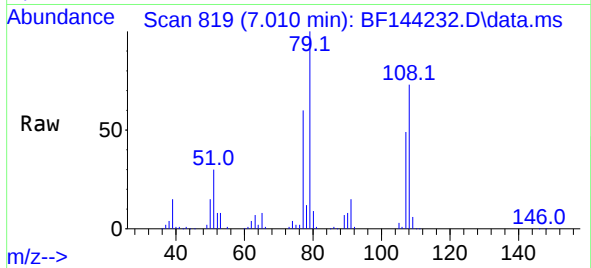




#15
Benzyl Alcohol
Concen: 47.333 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

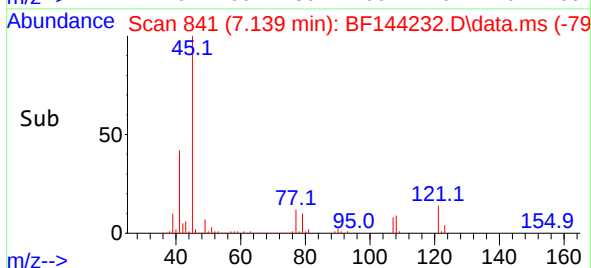
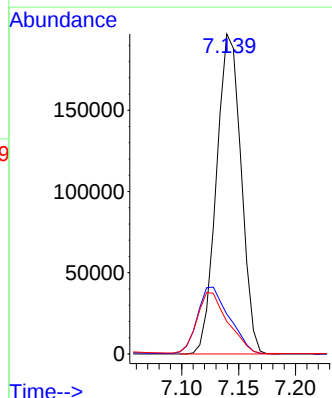
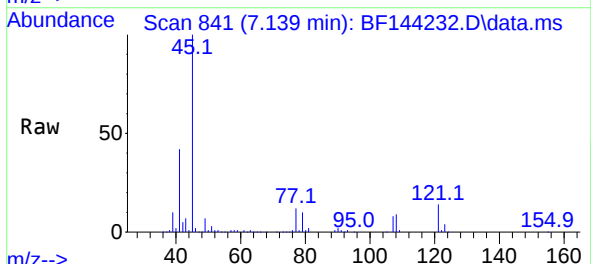
Instrument :
BNA_F
ClientSampleId :
PB170323BS

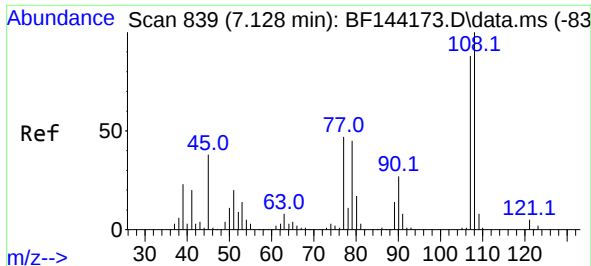
Tgt Ion: 79 Resp: 130011
Ion Ratio Lower Upper
79 100
108 72.9 58.2 87.4
77 60.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.356 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion: 45 Resp: 297747
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.8
79 10.2 0.0 29.1



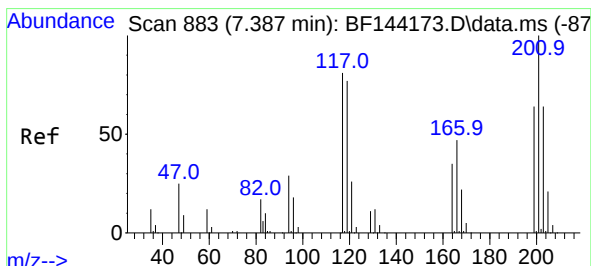
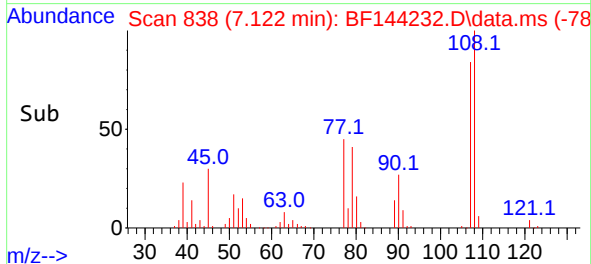
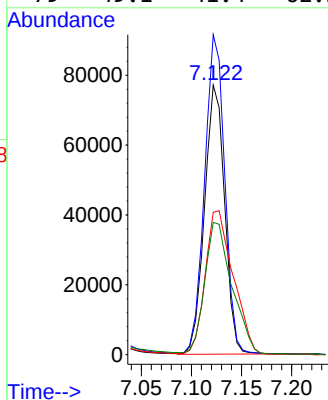
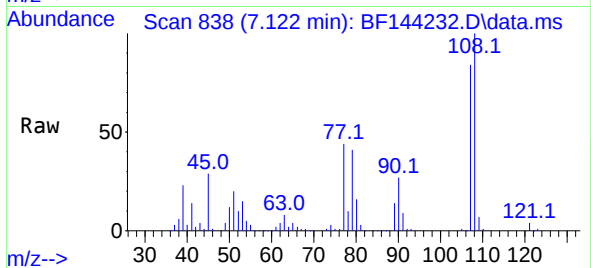


#17
2-Methylphenol
Concen: 45.173 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion:107 Resp: 107892

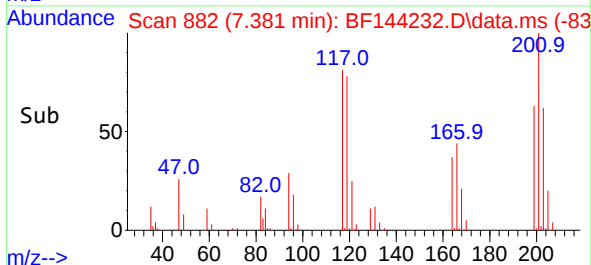
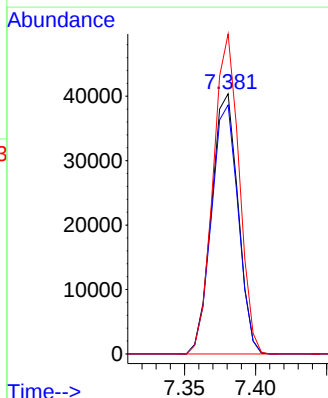
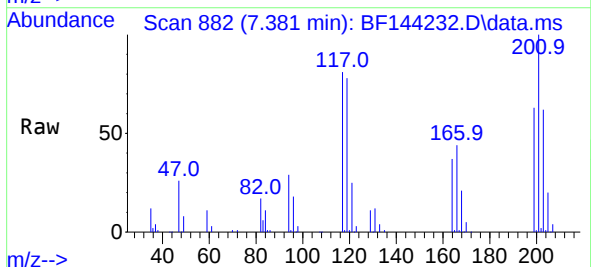
Ion	Ratio	Lower	Upper
107	100		
108	118.7	91.0	136.4
77	52.8	42.7	64.1
79	49.1	41.4	62.2



#18
Hexachloroethane
Concen: 42.609 ng
RT: 7.381 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:117 Resp: 52541

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
201	123.0	98.9	148.3



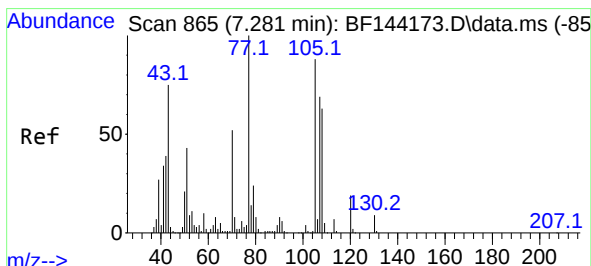
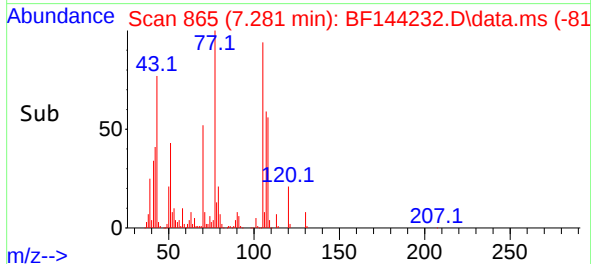
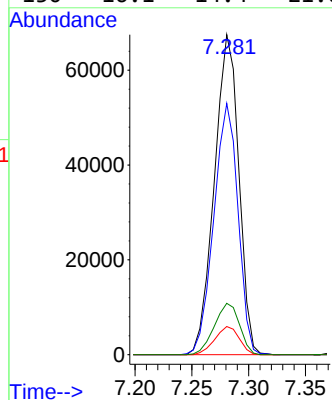
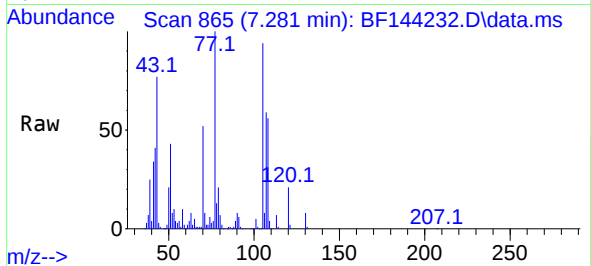


#19
n-Nitroso-di-n-propylamine
Concen: 44.224 ng
RT: 7.281 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion: 70 Resp: 100988

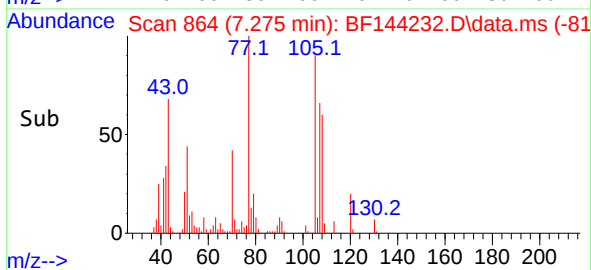
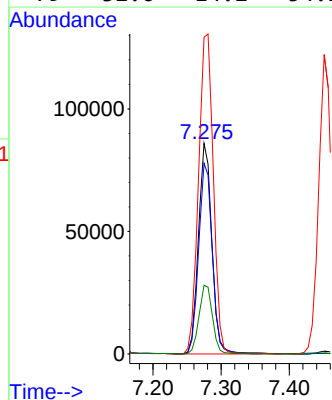
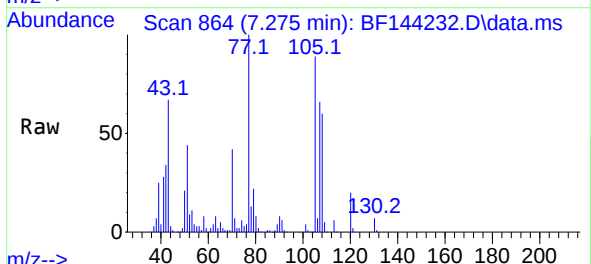
Ion	Ratio	Lower	Upper
70	100		
42	78.5	58.3	87.5
101	8.8	7.0	10.6
130	16.1	14.4	21.6

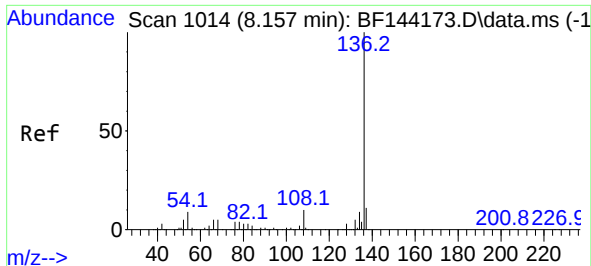


#20
3+4-Methylphenols
Concen: 41.954 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion: 107 Resp: 118122

Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.2	110.2
77	150.4	123.9	163.9
79	32.6	14.2	54.2

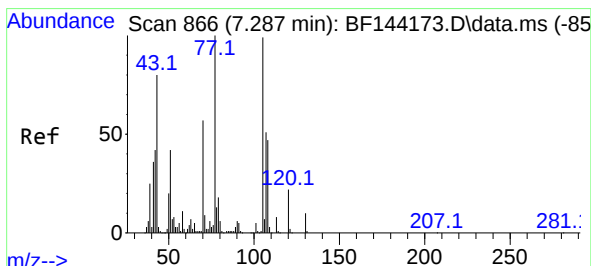
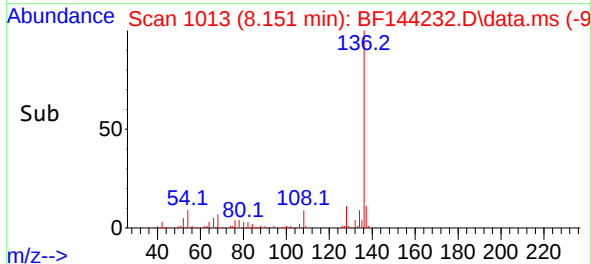
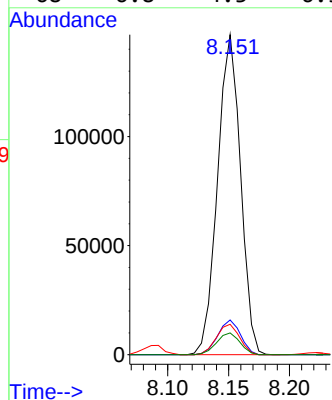
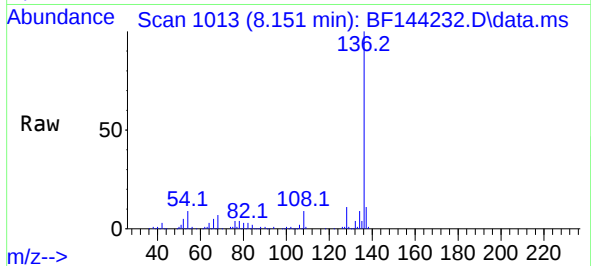




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

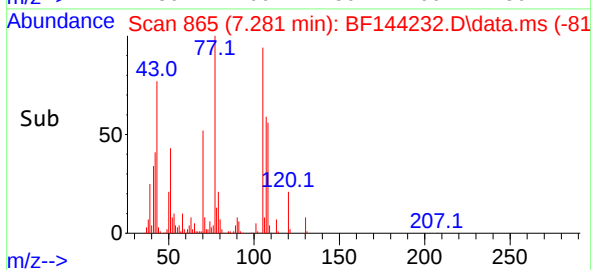
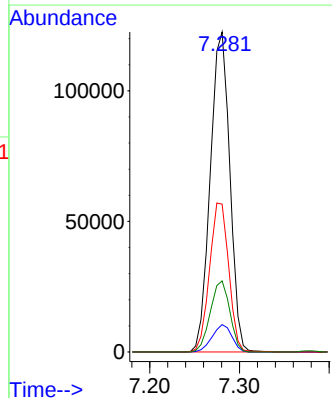
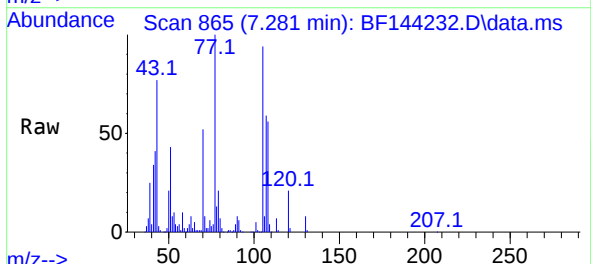
Instrument :
BNA_F
ClientSampleId :
PB170323BS

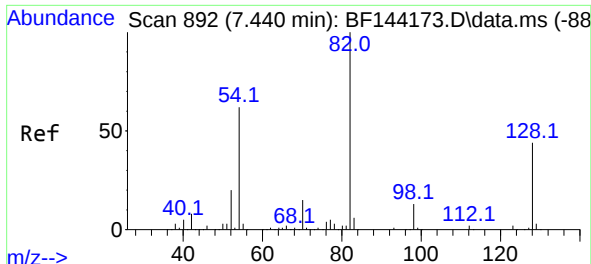
Tgt Ion:136 Resp: 192789
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.5 7.0 10.6
68 6.8 4.3 6.5#



#22
Acetophenone
Concen: 44.792 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:105 Resp: 185250
Ion Ratio Lower Upper
105 100
71 8.5 7.2 10.8
51 46.2 34.0 51.0
120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 79.845 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB170323BS

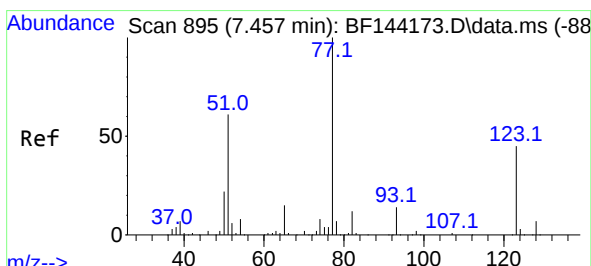
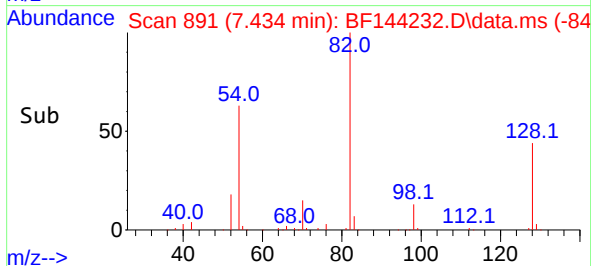
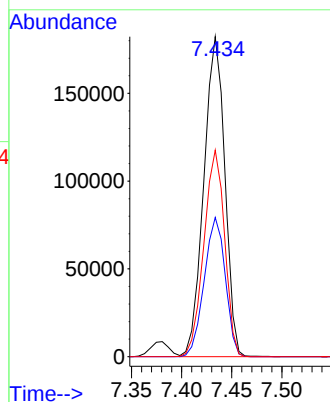
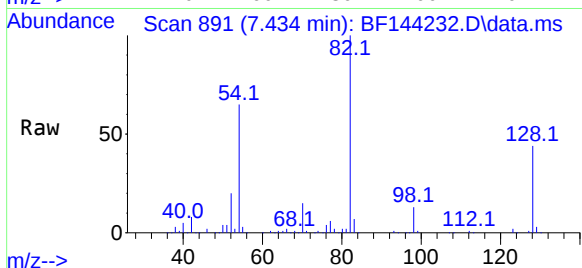
Tgt Ion: 82 Resp: 266528

Ion Ratio Lower Upper

82 100

128 43.5 34.7 52.1

54 64.5 49.5 74.3



#24

Nitrobenzene

Concen: 43.309 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

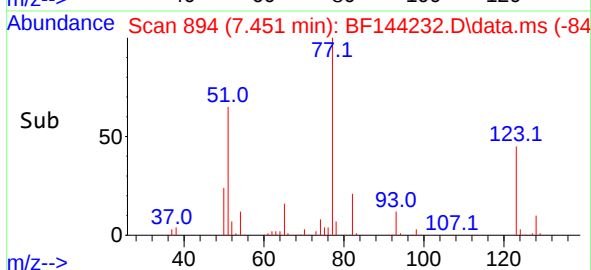
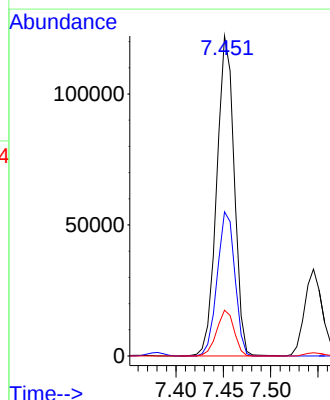
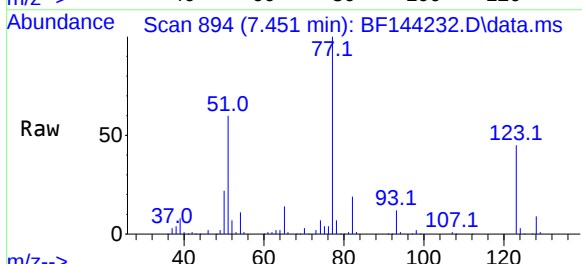
Tgt Ion: 77 Resp: 156966

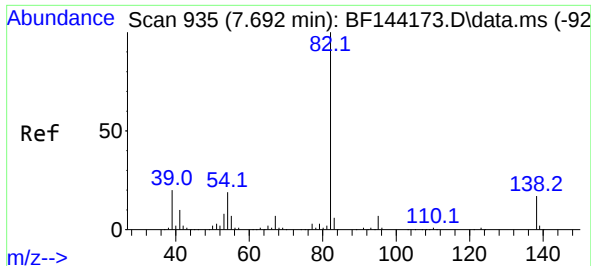
Ion Ratio Lower Upper

77 100

123 45.1 35.8 53.8

65 14.3 12.2 18.2

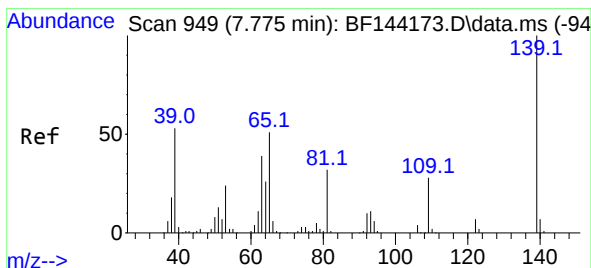
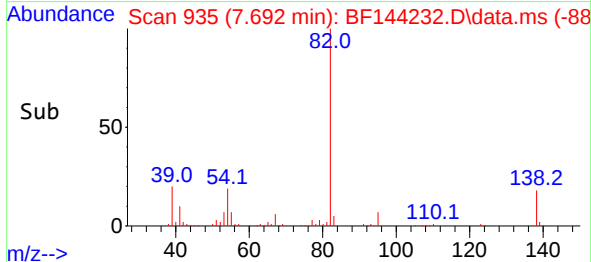
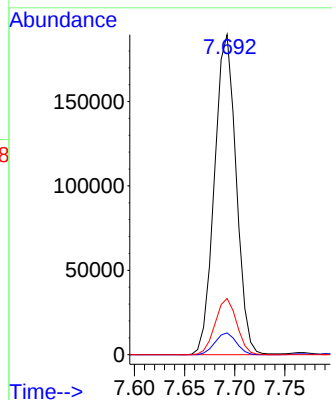
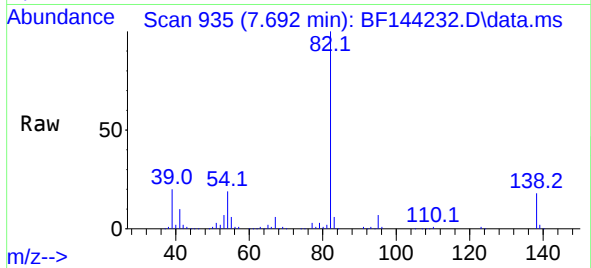




#25
Isophorone
Concen: 45.249 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

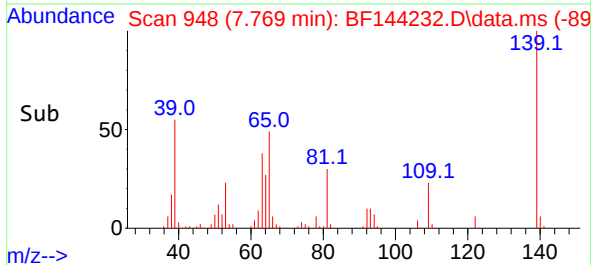
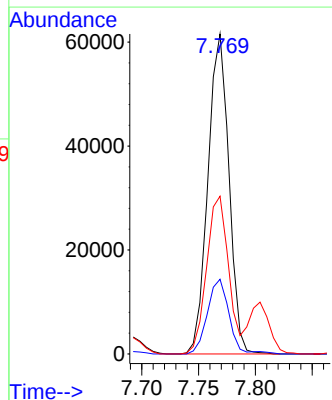
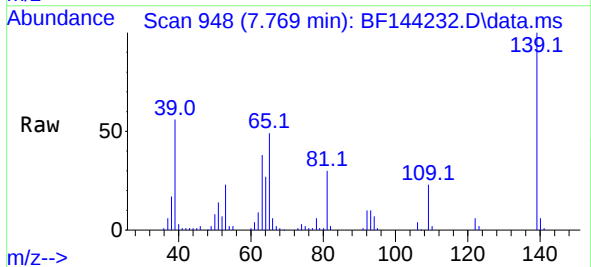
Instrument :
BNA_F
ClientSampleId :
PB170323BS

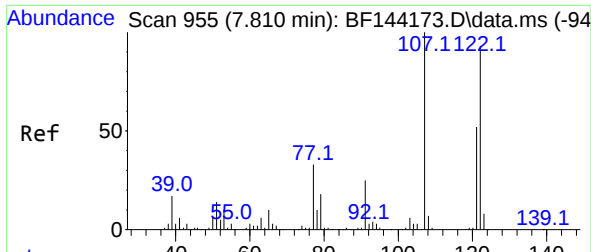
Tgt Ion: 82 Resp: 285699
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.6 13.7 20.5



#26
2-Nitrophenol
Concen: 44.060 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:139 Resp: 79049
Ion Ratio Lower Upper
139 100
109 23.4 22.2 33.2
65 49.3 40.7 61.1

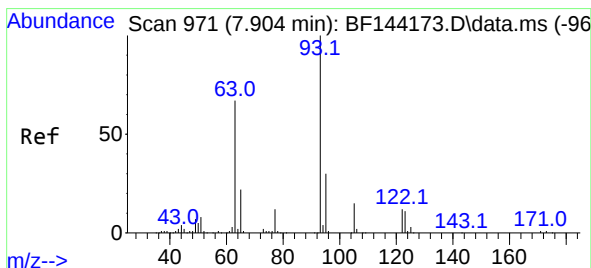
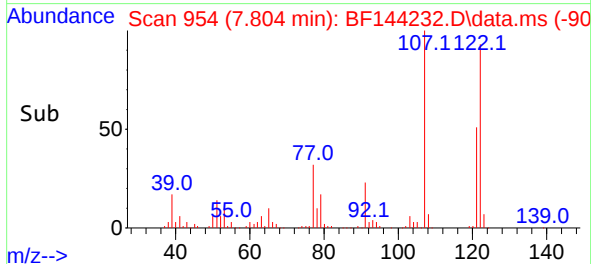
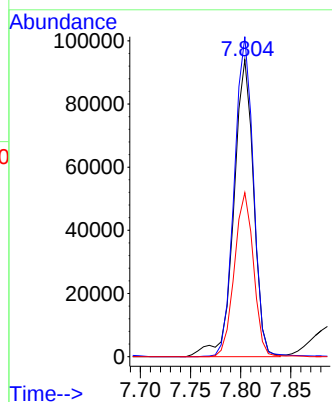
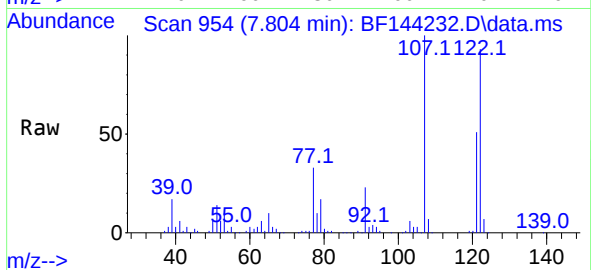




#27
2,4-Dimethylphenol
Concen: 48.073 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

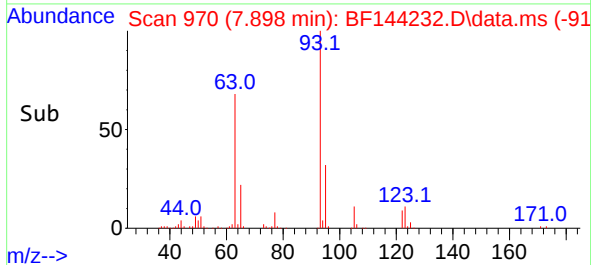
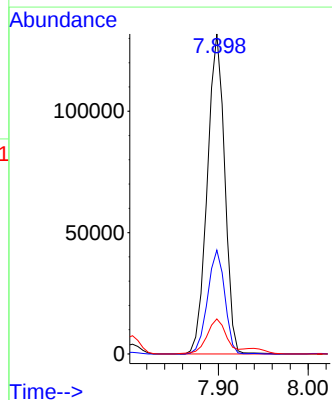
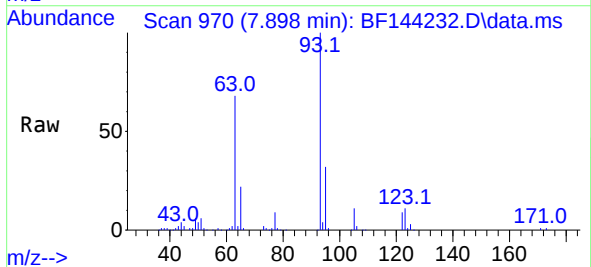
Instrument :
BNA_F
ClientSampleId :
PB170323BS

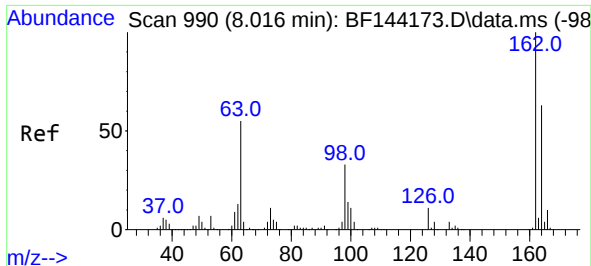
Tgt Ion:122 Resp: 129272
Ion Ratio Lower Upper
122 100
107 107.7 86.2 129.4
121 55.2 44.6 66.8



#28
bis(2-Chloroethoxy)methane
Concen: 45.037 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion: 93 Resp: 177575
Ion Ratio Lower Upper
93 100
95 32.5 24.2 36.4
123 11.0 9.0 13.4

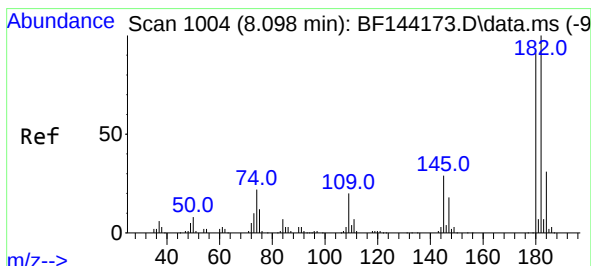
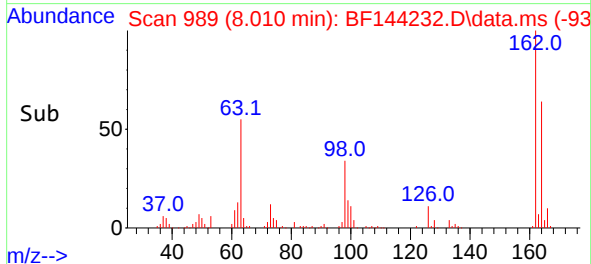
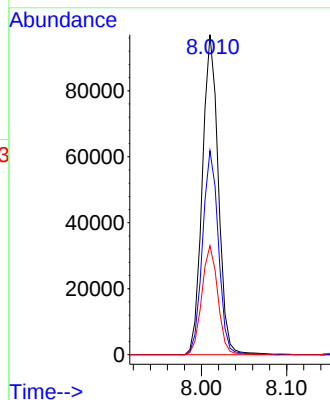
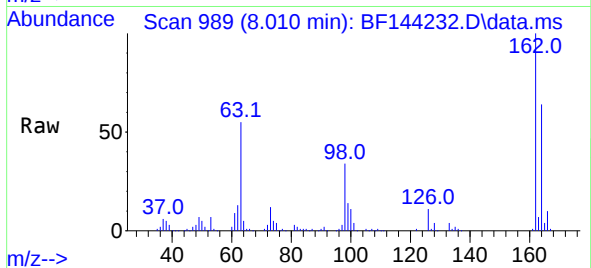




#29
2,4-Dichlorophenol
Concen: 40.737 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

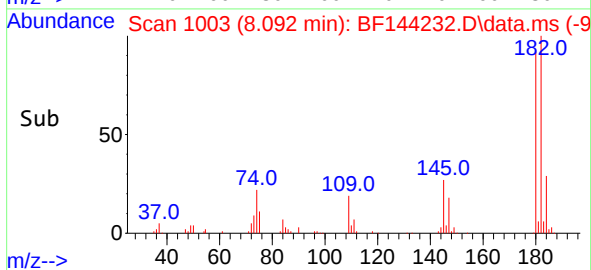
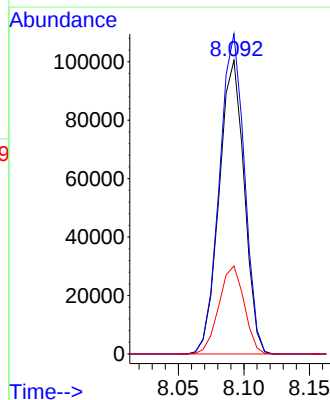
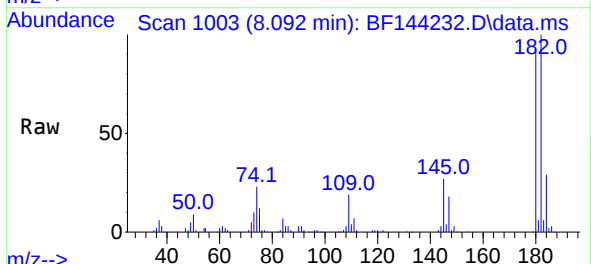
Instrument :
BNA_F
ClientSampleId :
PB170323BS

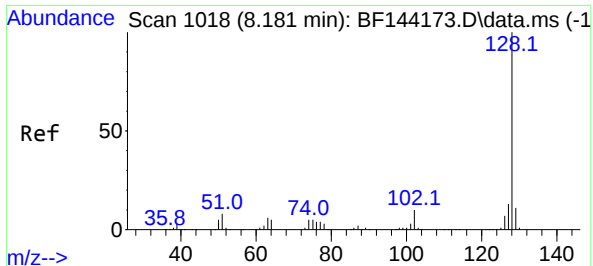
Tgt Ion:162 Resp: 126258
Ion Ratio Lower Upper
162 100
164 63.8 42.9 82.9
98 34.1 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 42.000 ng
RT: 8.092 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:180 Resp: 133667
Ion Ratio Lower Upper
180 100
182 109.0 87.7 131.5
145 30.0 25.4 38.0

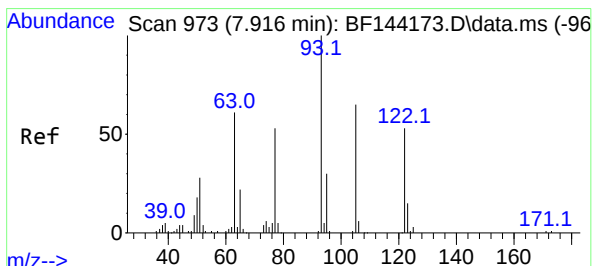
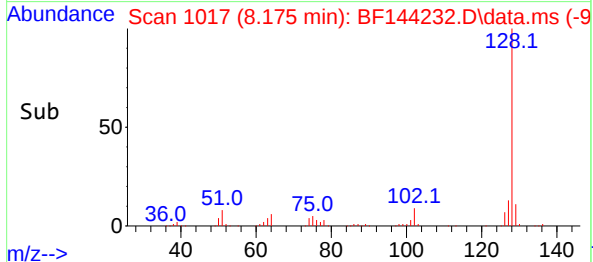
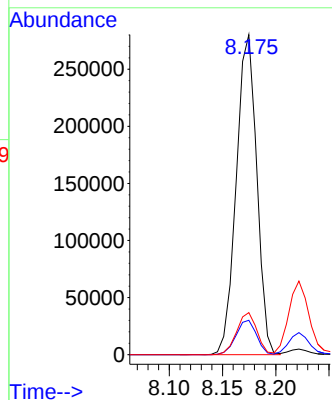
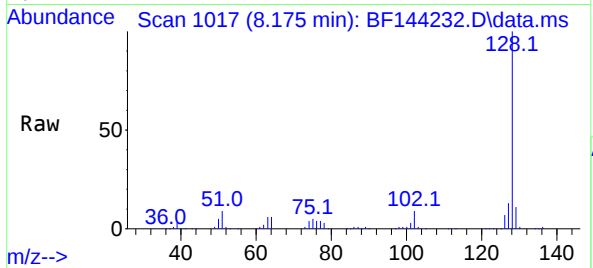




#31
Naphthalene
Concen: 40.968 ng
RT: 8.175 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

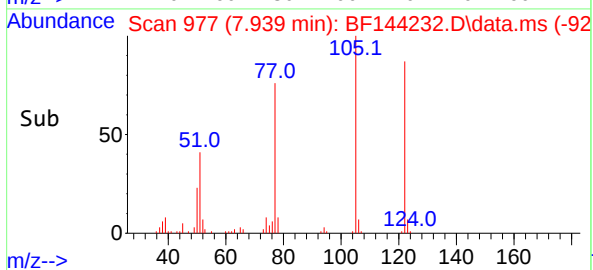
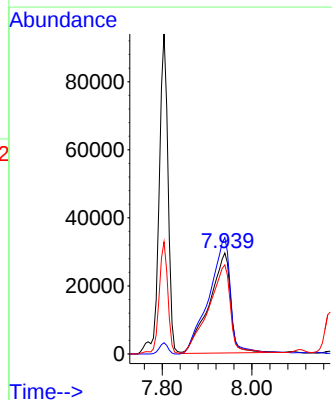
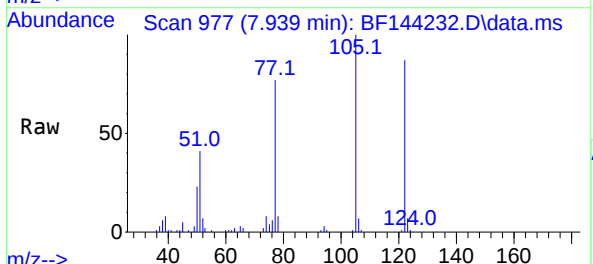
Instrument :
BNA_F
ClientSampleId :
PB170323BS

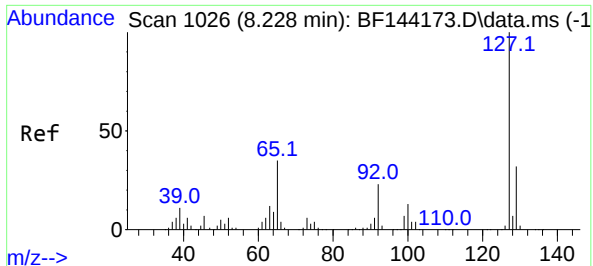
Tgt Ion:128 Resp: 375705
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 49.485 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:122 Resp: 97541
Ion Ratio Lower Upper
122 100
105 115.2 99.9 139.9
77 88.3 77.5 117.5





#33

4-Chloroaniline

Concen: 26.345 ng

RT: 8.222 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB170323BS

Tgt Ion:127 Resp: 88116

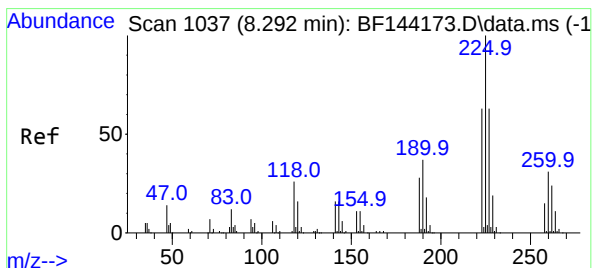
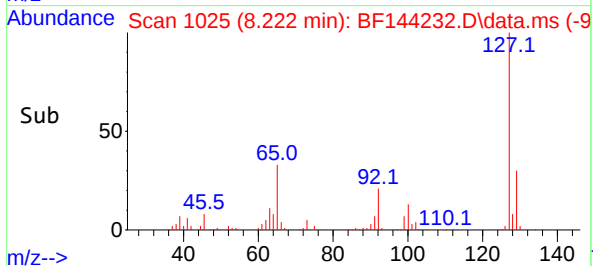
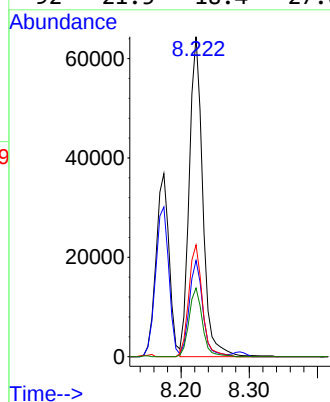
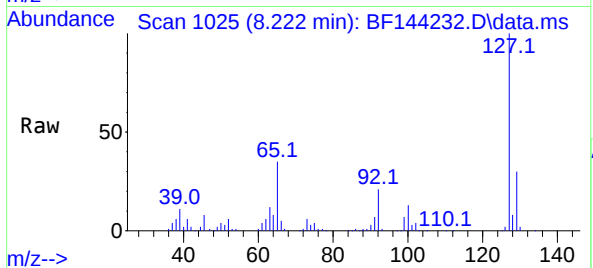
Ion Ratio Lower Upper

127 100

129 30.0 25.3 37.9

65 34.9 27.6 41.4

92 21.5 18.4 27.6



#34

Hexachlorobutadiene

Concen: 38.186 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

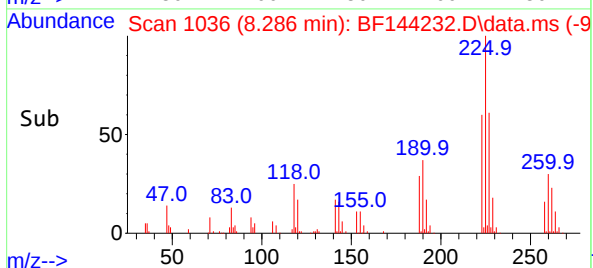
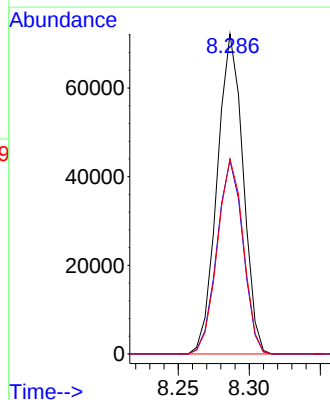
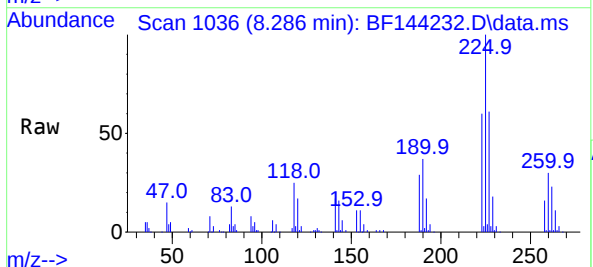
Tgt Ion:225 Resp: 91590

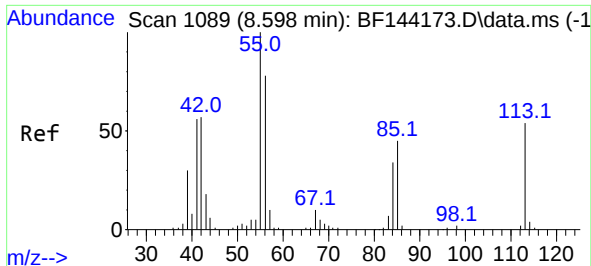
Ion Ratio Lower Upper

225 100

223 60.5 50.2 75.4

227 61.0 50.1 75.1

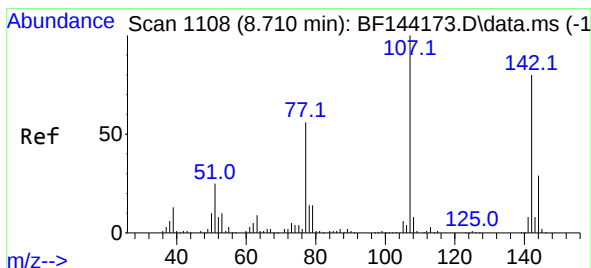
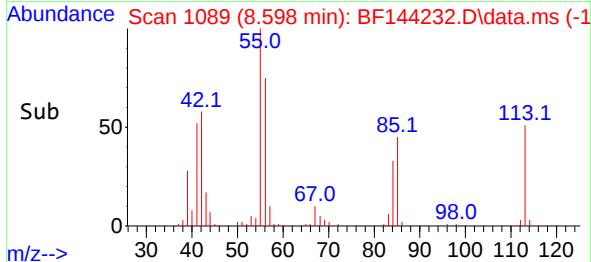
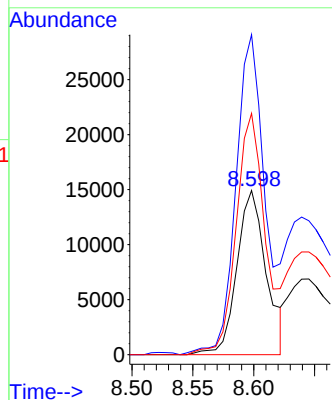
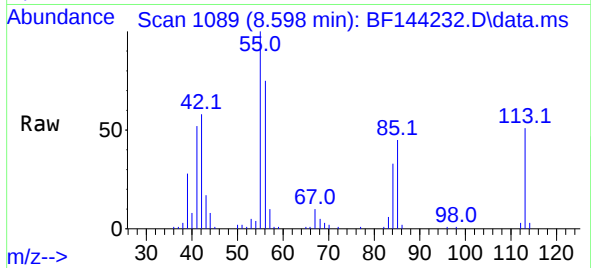




#35
Caprolactam
Concen: 29.423 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.024 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

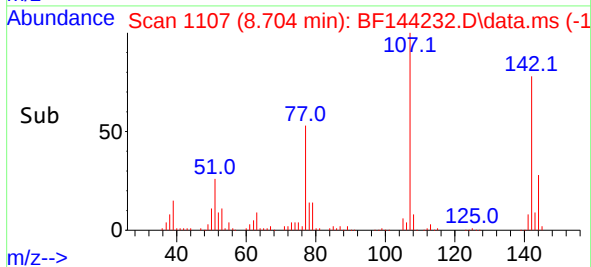
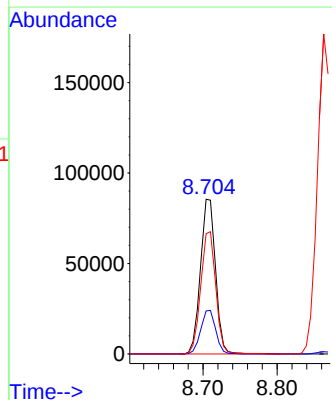
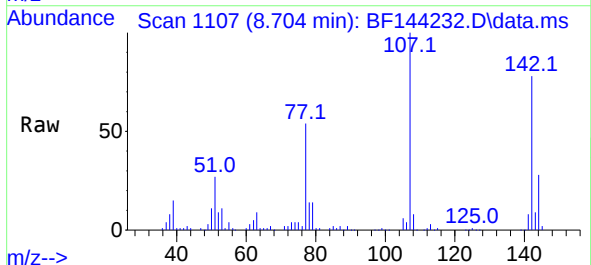
Instrument :
BNA_F
ClientSampleId :
PB170323BS

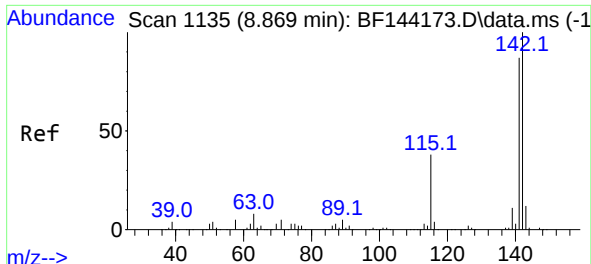
Tgt Ion:113 Resp: 24984
Ion Ratio Lower Upper
113 100
55 195.0 166.8 206.8
56 147.0 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 43.524 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:107 Resp: 120896
Ion Ratio Lower Upper
107 100
144 27.8 23.3 34.9
142 77.7 63.8 95.6





#37

2-Methylnaphthalene

Concen: 38.131 ng

RT: 8.863 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

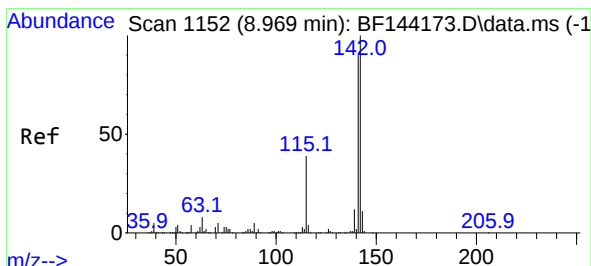
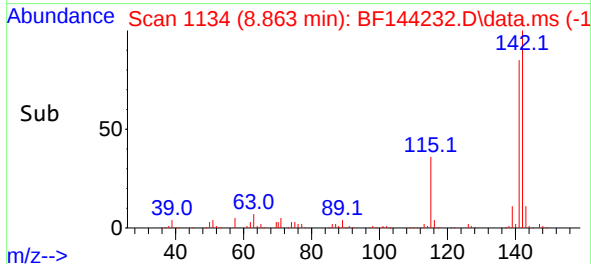
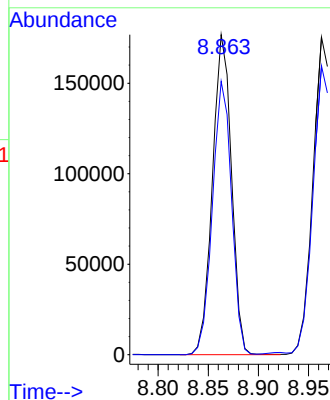
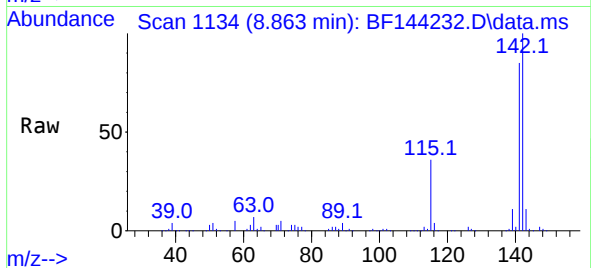
PB170323BS

Tgt Ion:142 Resp: 233804

Ion Ratio Lower Upper

142 100

141 85.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 39.782 ng

RT: 8.963 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF144232.D

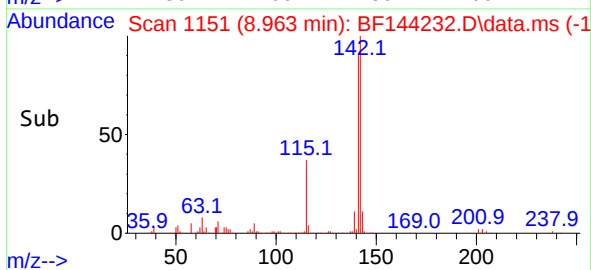
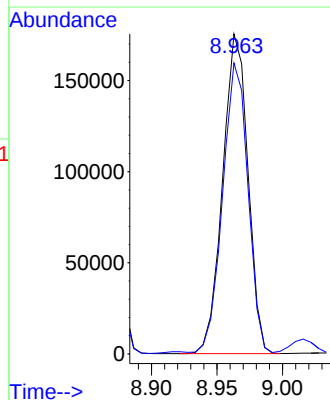
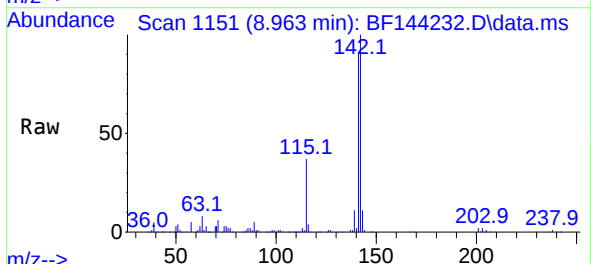
Acq: 12 Nov 2025 16:51

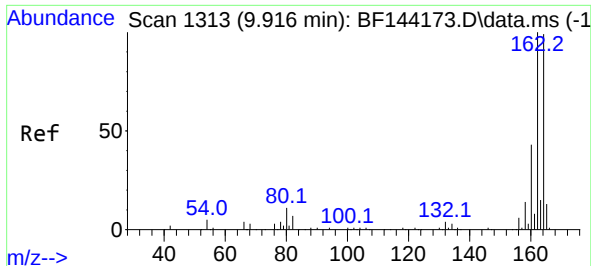
Tgt Ion:142 Resp: 235362

Ion Ratio Lower Upper

142 100

141 90.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB170323BS

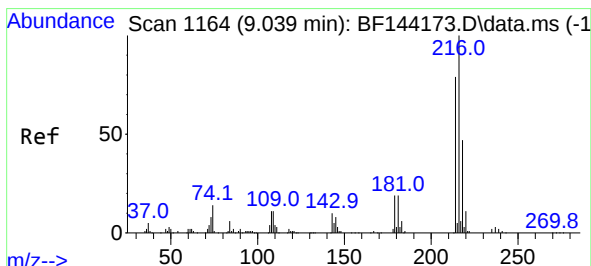
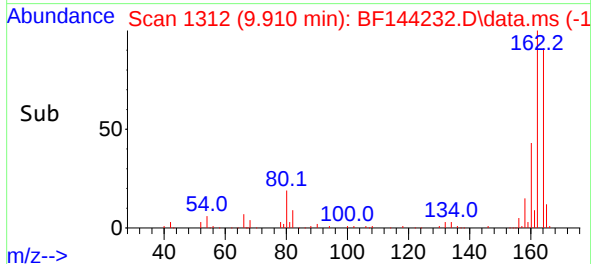
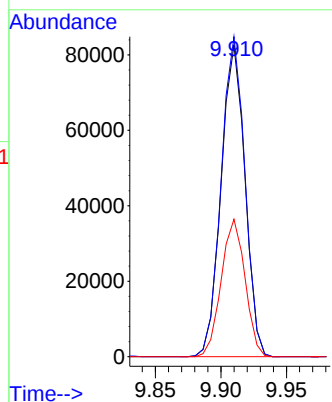
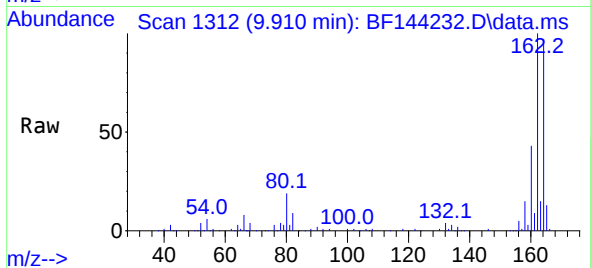
Tgt Ion:164 Resp: 104300

Ion Ratio Lower Upper

164 100

162 102.7 81.1 121.7

160 44.1 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.841 ng

RT: 9.033 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Tgt Ion:216 Resp: 146442

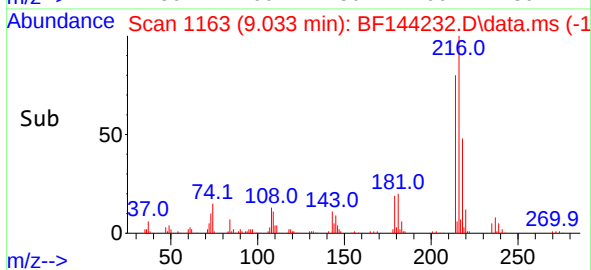
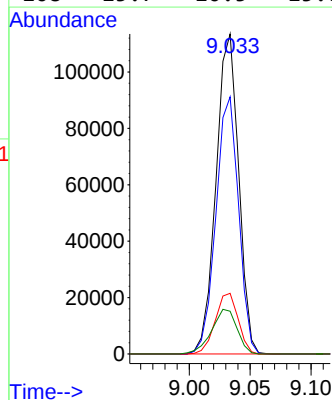
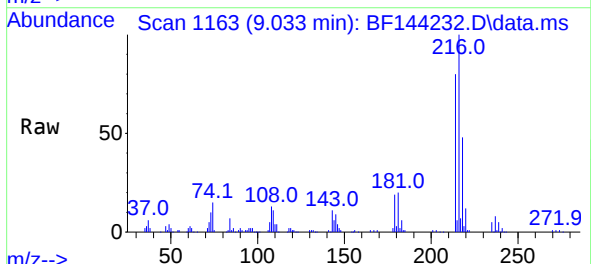
Ion Ratio Lower Upper

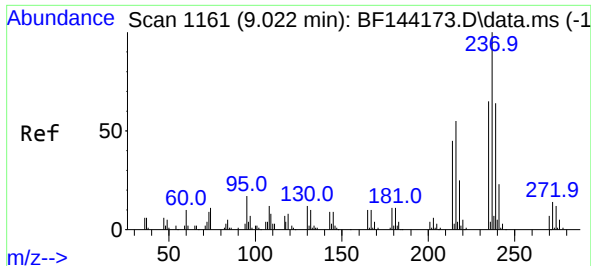
216 100

214 80.7 63.4 95.2

179 19.3 15.0 22.4

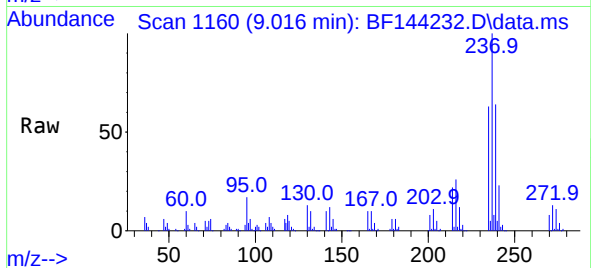
108 15.7 10.5 15.7



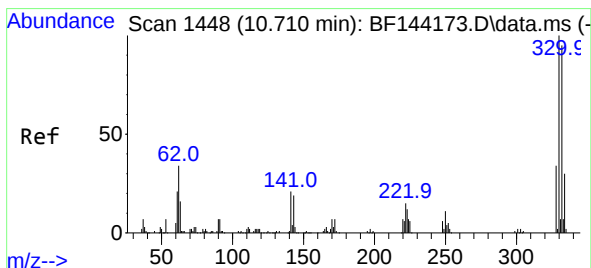
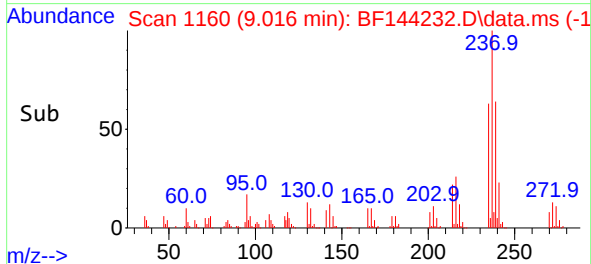
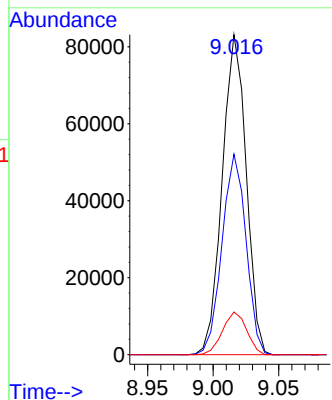


#41
Hexachlorocyclopentadiene
Concen: 79.395 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

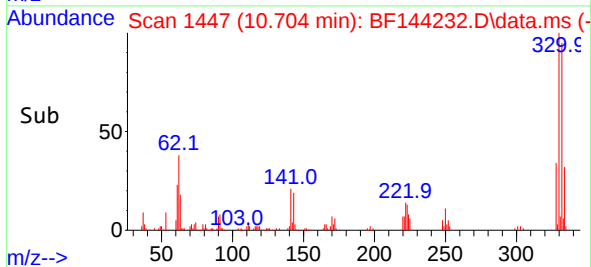
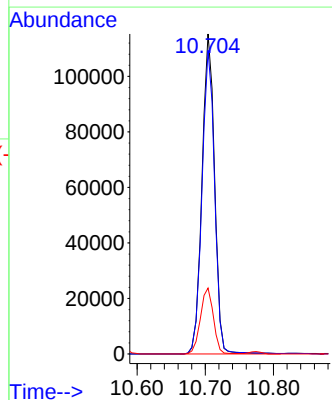
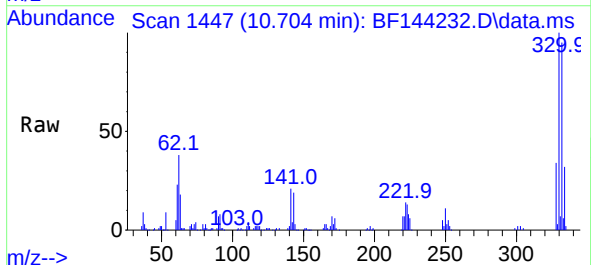


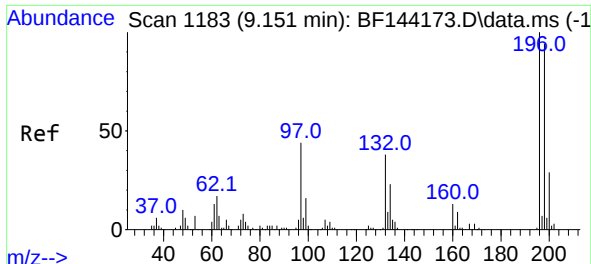
Tgt Ion:237 Resp: 105688
Ion Ratio Lower Upper
237 100
235 62.6 45.5 85.5
272 13.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 112.968 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:330 Resp: 147857
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 21.3 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 43.114 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB170323BS

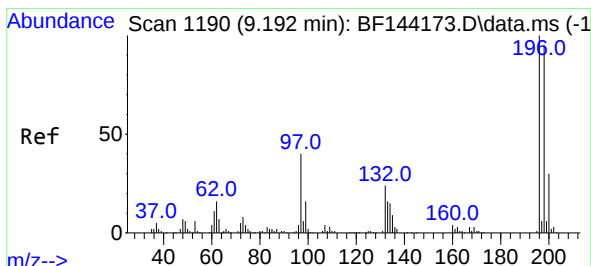
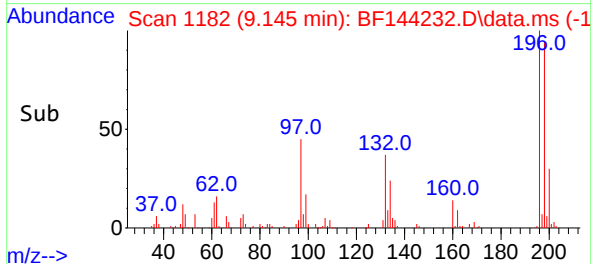
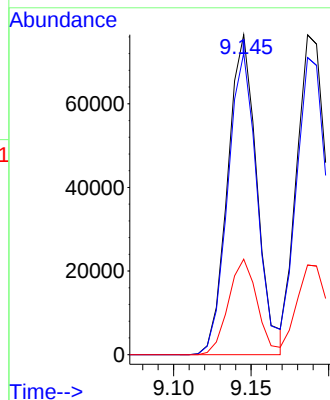
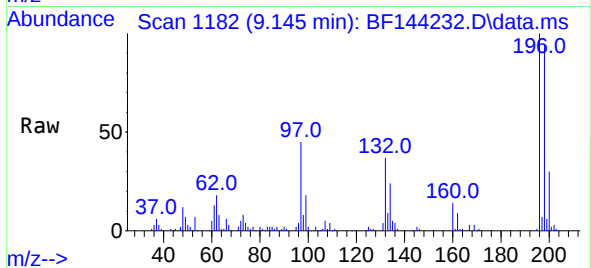
Tgt Ion:196 Resp: 100305

Ion Ratio Lower Upper

196 100

198 94.2 75.3 112.9

200 29.9 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 41.809 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Tgt Ion:196 Resp: 104835

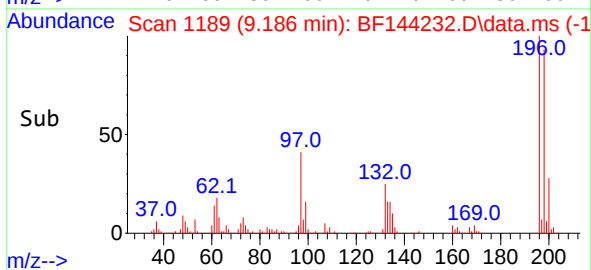
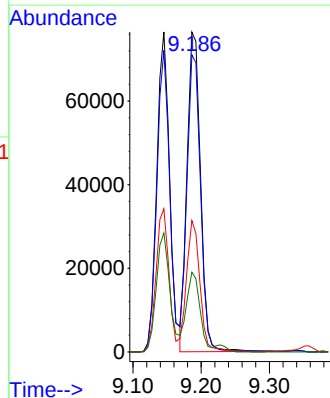
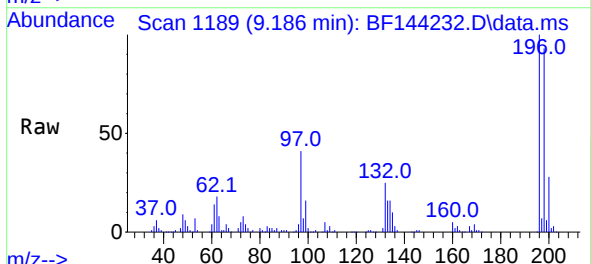
Ion Ratio Lower Upper

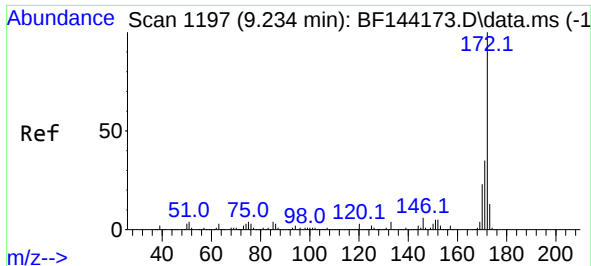
196 100

198 92.9 76.1 114.1

97 41.1 31.9 47.9

132 24.9 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 75.528 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB170323BS

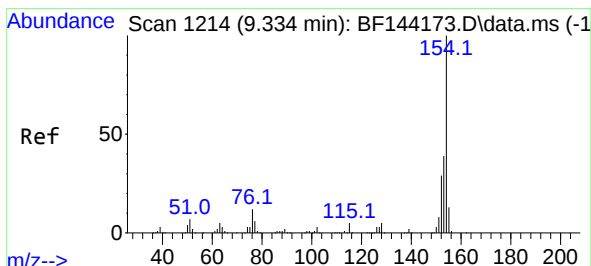
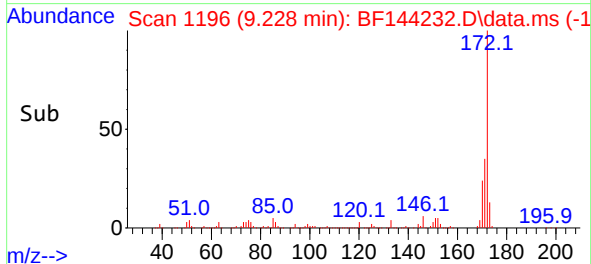
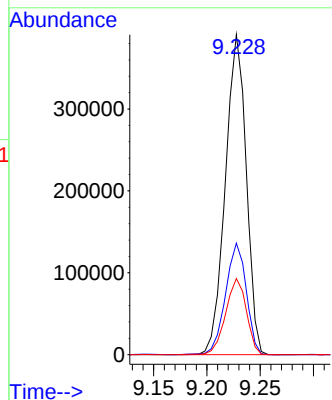
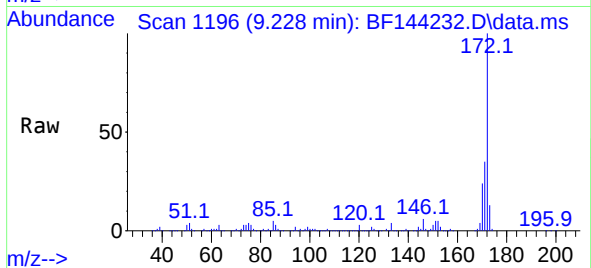
Tgt Ion:172 Resp: 533374

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 45.668 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

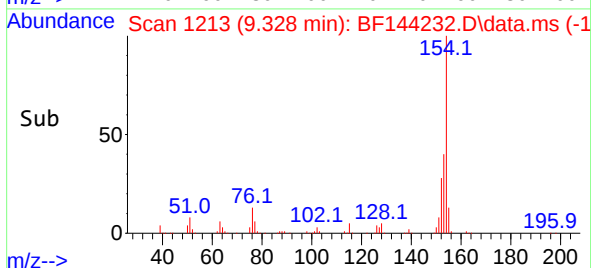
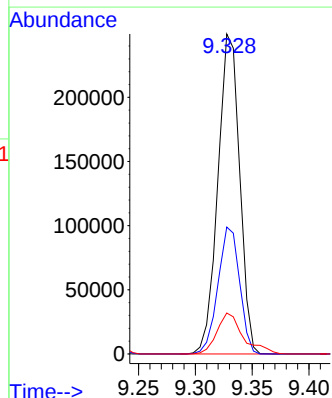
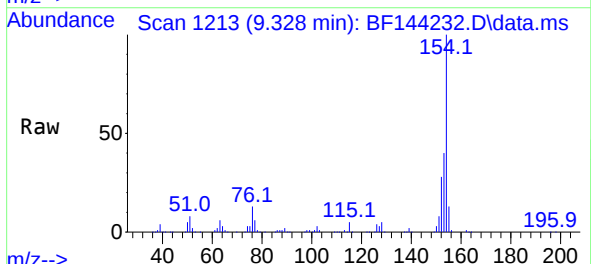
Tgt Ion:154 Resp: 332486

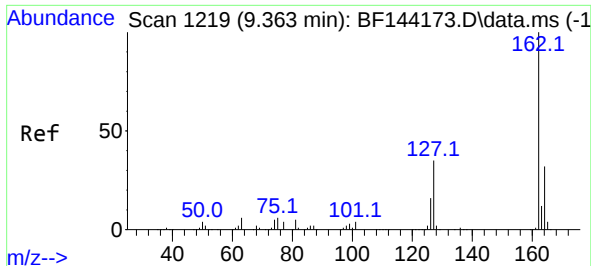
Ion Ratio Lower Upper

154 100

153 39.7 19.2 59.2

76 12.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.977 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB170323BS

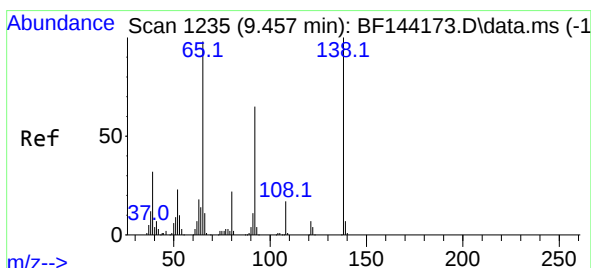
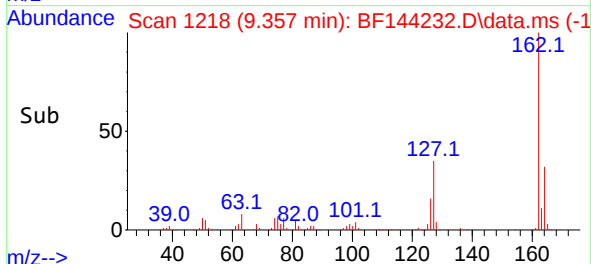
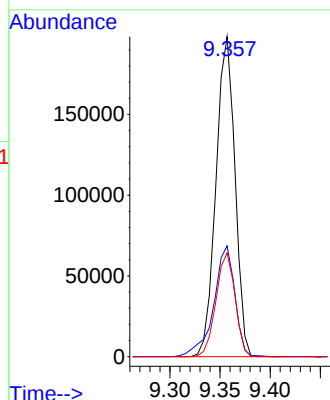
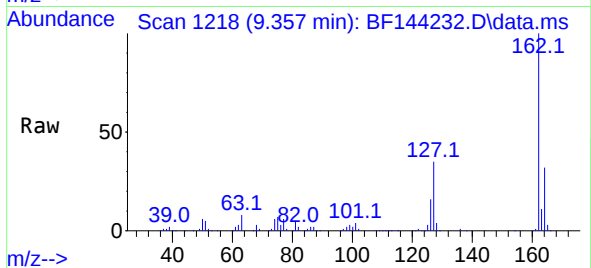
Tgt Ion:162 Resp: 260690

Ion Ratio Lower Upper

162 100

127 34.6 28.8 43.2

164 32.4 25.8 38.8



#48

2-Nitroaniline

Concen: 47.692 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

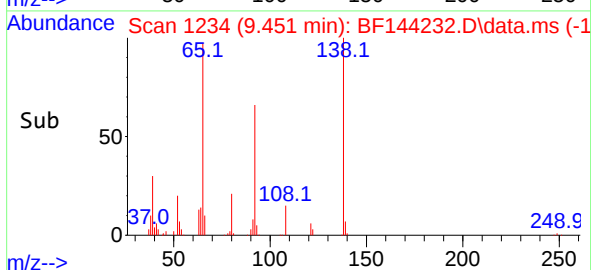
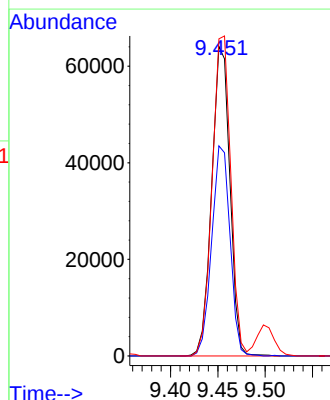
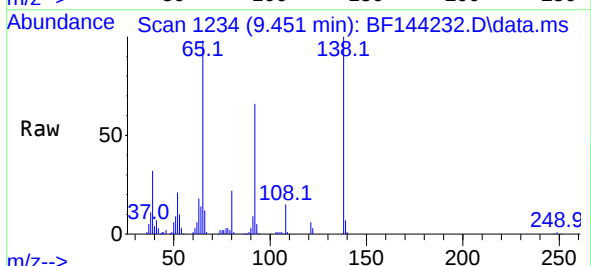
Tgt Ion: 65 Resp: 85459

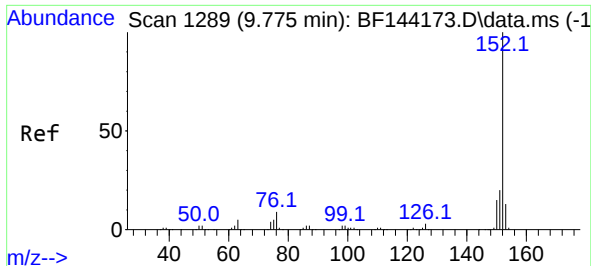
Ion Ratio Lower Upper

65 100

92 67.9 53.0 79.6

138 102.5 81.6 122.4





#49

Acenaphthylene

Concen: 46.978 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB170323BS

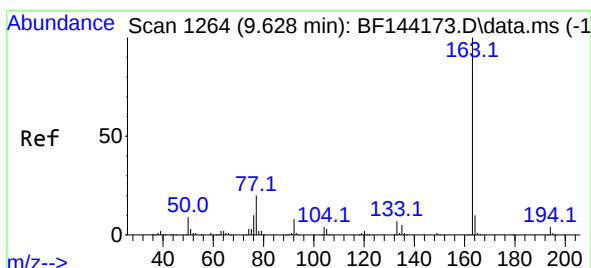
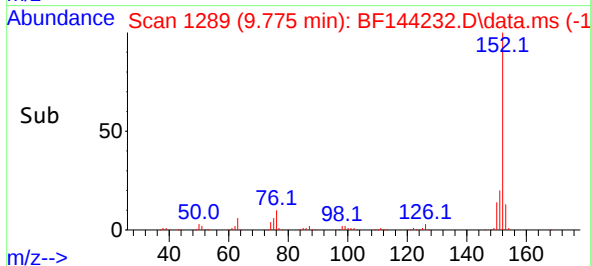
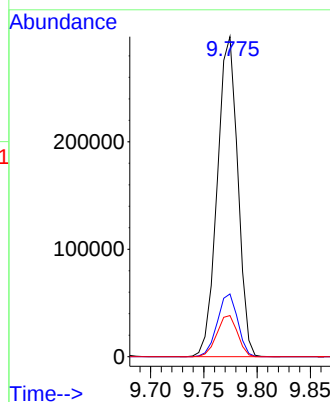
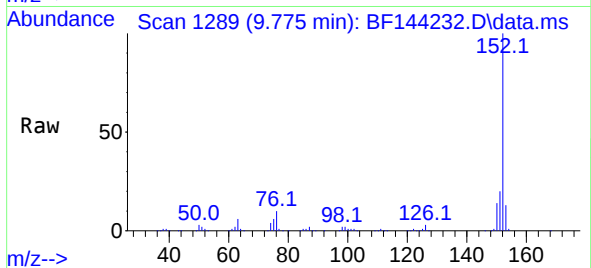
Tgt Ion:152 Resp: 397570

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 45.108 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

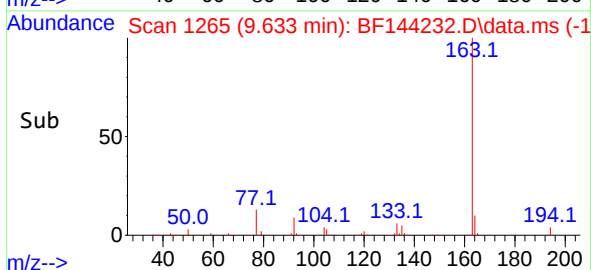
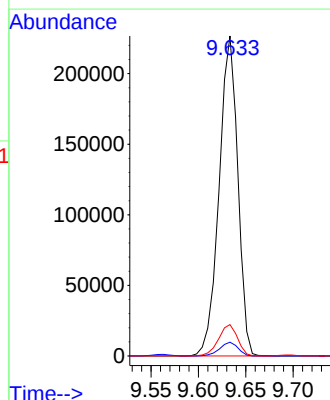
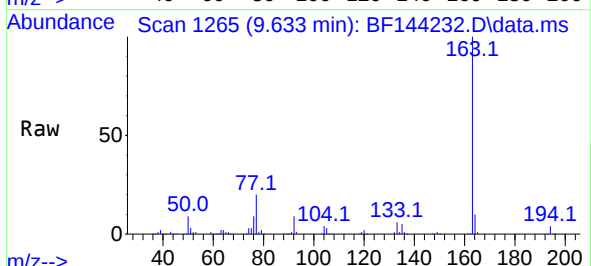
Tgt Ion:163 Resp: 311681

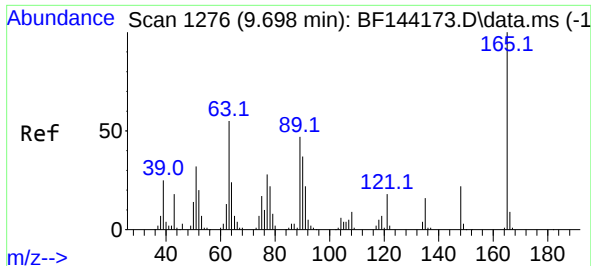
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.8 8.1 12.1

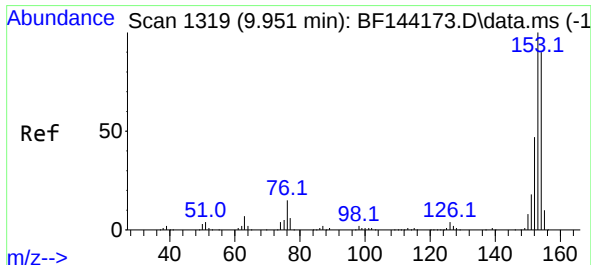
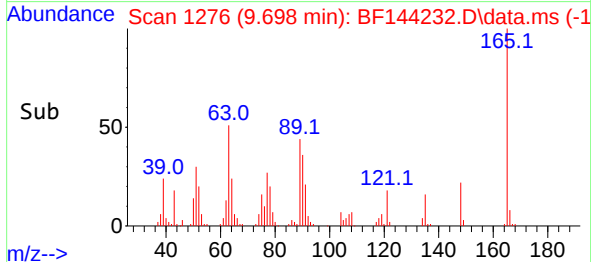
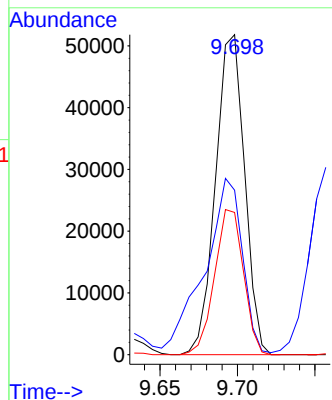
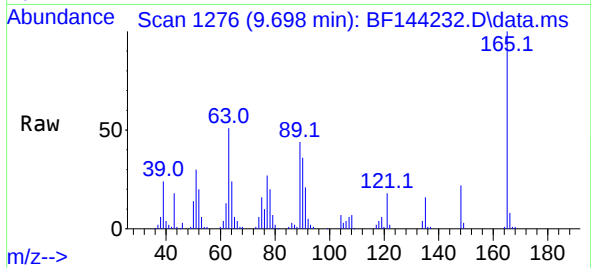




#51
2,6-Dinitrotoluene
Concen: 48.374 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

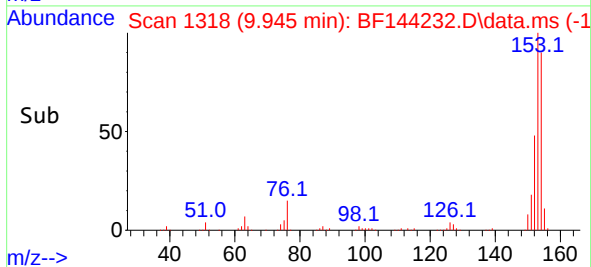
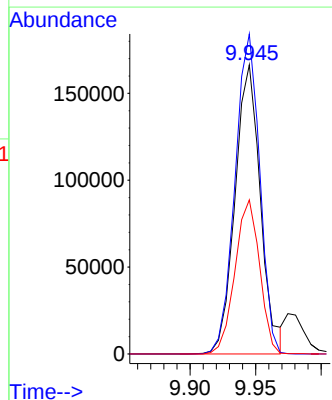
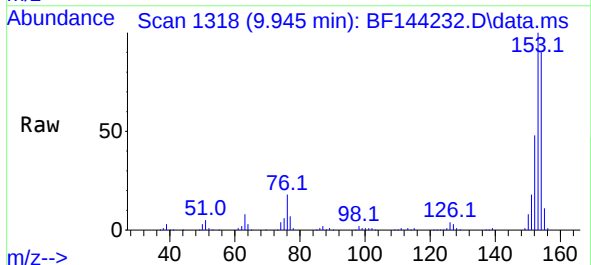
Instrument :
BNA_F
ClientSampleId :
PB170323BS

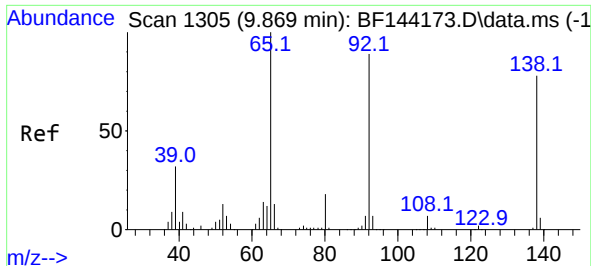
Tgt Ion:165 Resp: 67663
Ion Ratio Lower Upper
165 100
63 51.4 43.8 65.8
89 44.4 37.5 56.3



#52
Acenaphthene
Concen: 39.758 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:154 Resp: 225001
Ion Ratio Lower Upper
154 100
153 110.6 89.0 133.4
152 53.3 42.2 63.4

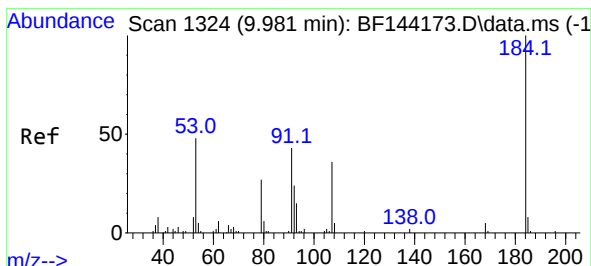
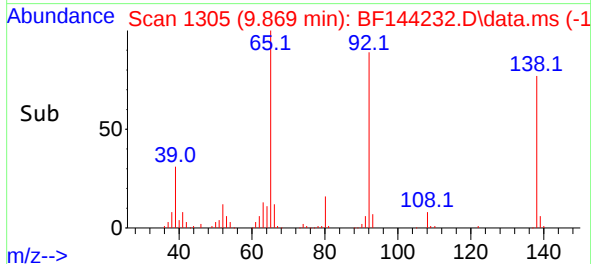
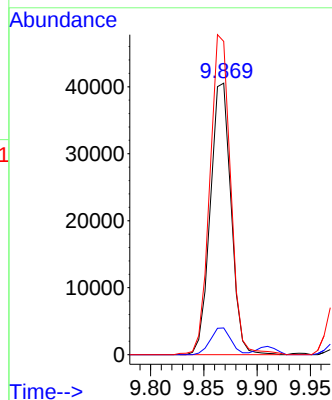
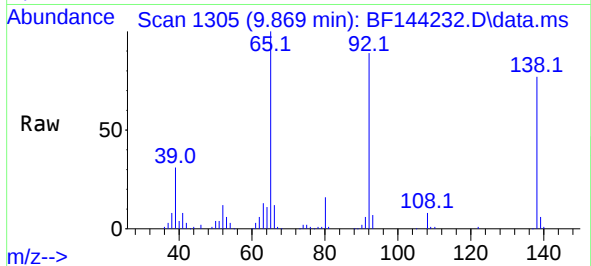




#53
3-Nitroaniline
Concen: 35.804 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

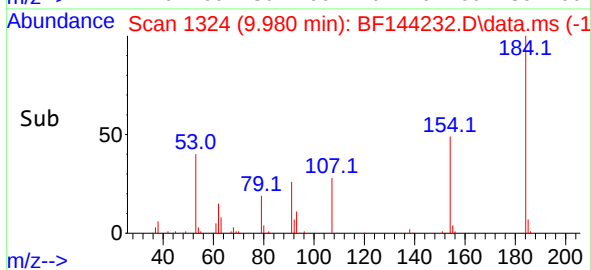
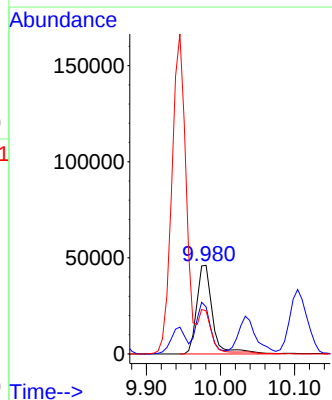
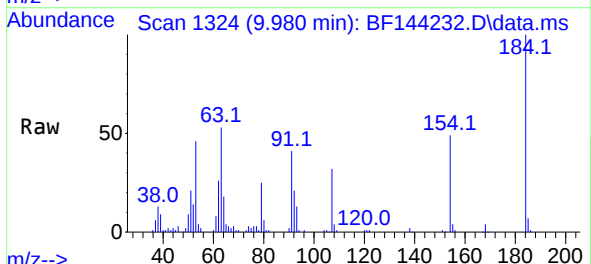
Instrument :
BNA_F
ClientSampleId :
PB170323BS

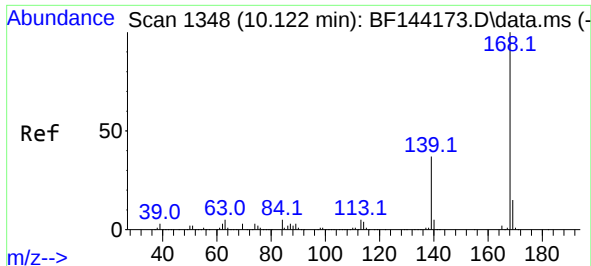
Tgt Ion:138 Resp: 54746
Ion Ratio Lower Upper
138 100
108 9.8 7.5 11.3
92 115.4 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 81.221 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:184 Resp: 68602
Ion Ratio Lower Upper
184 100
63 53.1 44.0 66.0
154 48.6 42.4 63.6

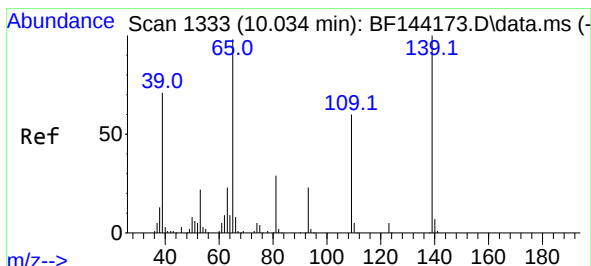
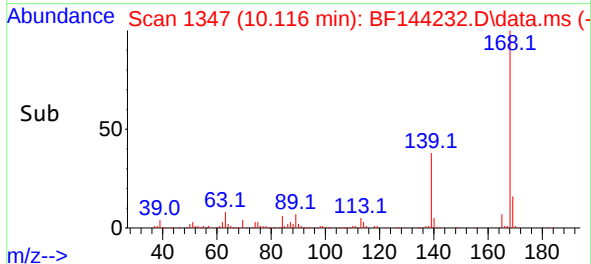
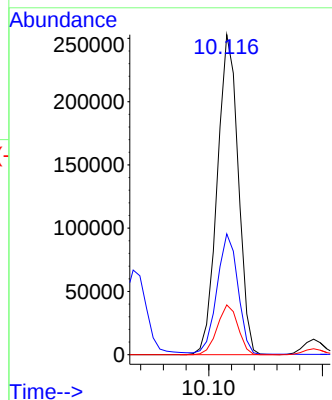
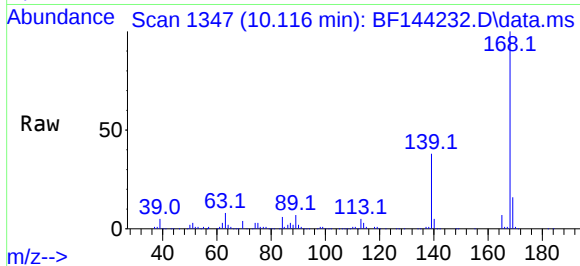




#55
Dibenzenofuran
Concen: 40.990 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

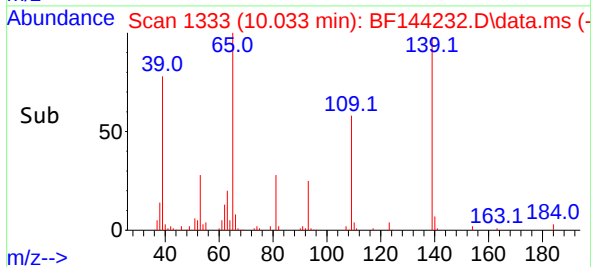
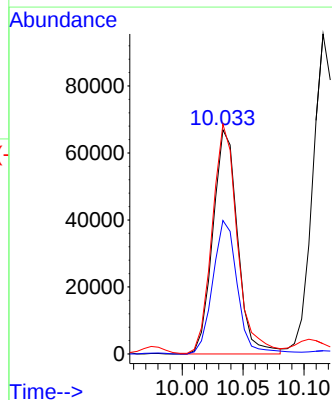
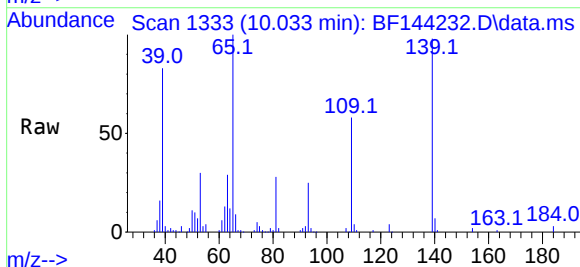
Instrument :
BNA_F
ClientSampleId :
PB170323BS

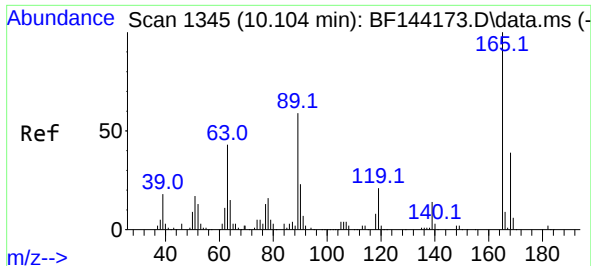
Tgt Ion:168 Resp: 324889
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.2
169 15.5 12.2 18.4



#56
4-Nitrophenol
Concen: 85.516 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:139 Resp: 94585
Ion Ratio Lower Upper
139 100
109 59.5 39.9 79.9
65 102.5 79.5 119.5

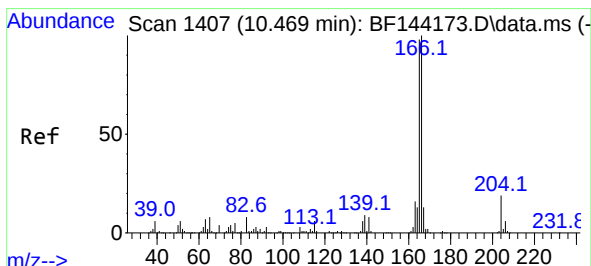
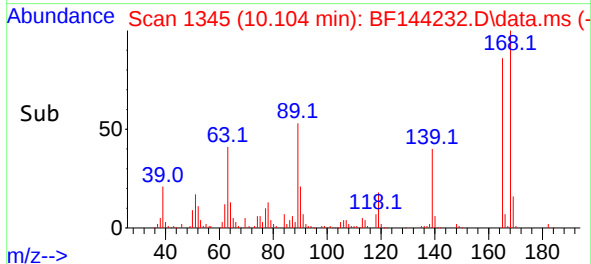
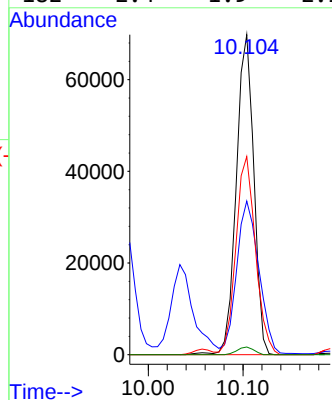
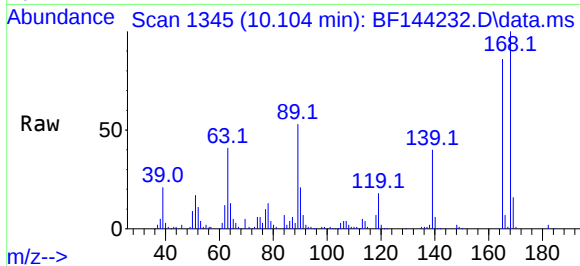




#57
2,4-Dinitrotoluene
Concen: 47.767 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

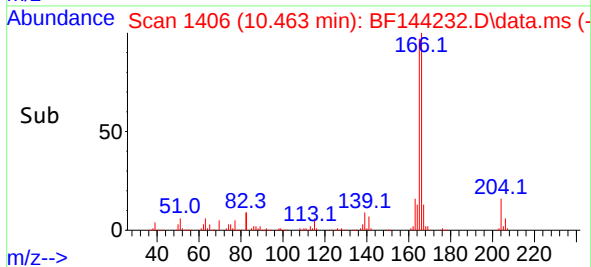
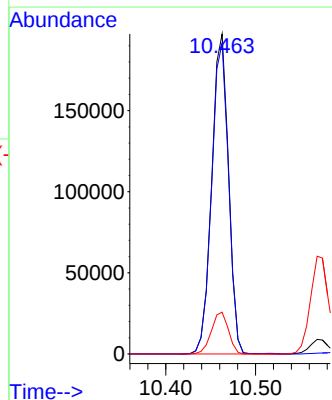
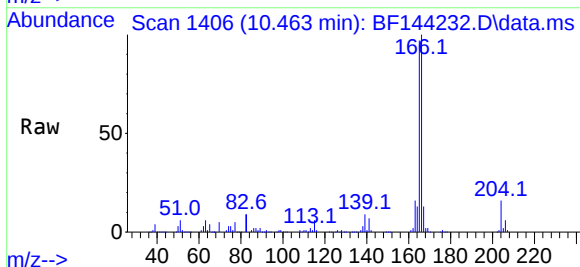
Instrument :
BNA_F
ClientSampleId :
PB170323BS

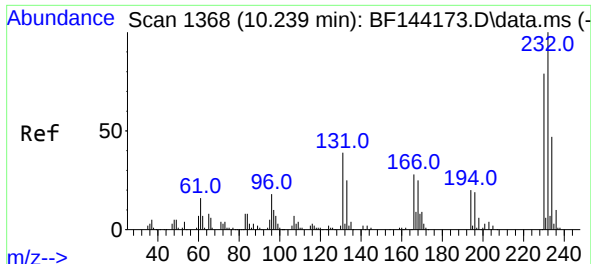
Tgt Ion:	165	Resp:	89444
Ion	Ratio	Lower	Upper
165	100		
63	48.0	35.5	53.3
89	61.9	47.4	71.2
182	2.4	1.9	2.9



#58
Fluorene
Concen: 42.527 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:	166	Resp:	256278
Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.6	118.0
167	13.0	10.4	15.6

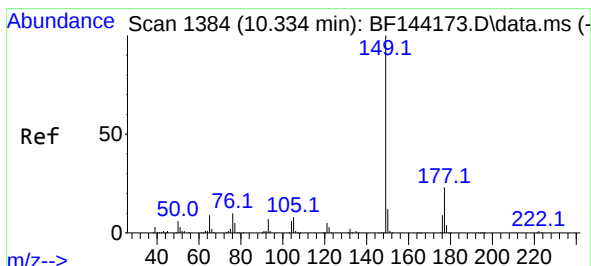
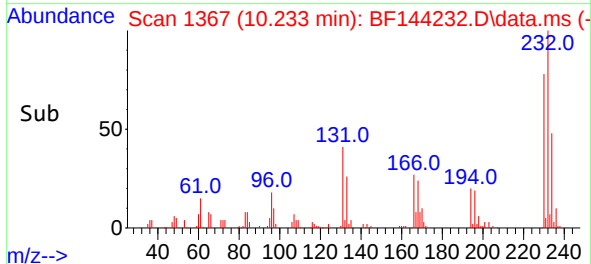
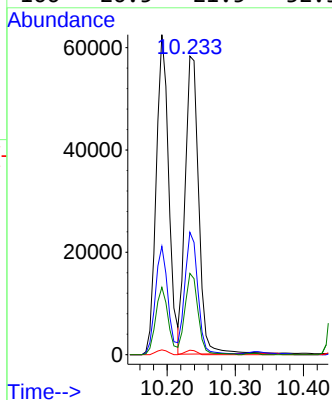
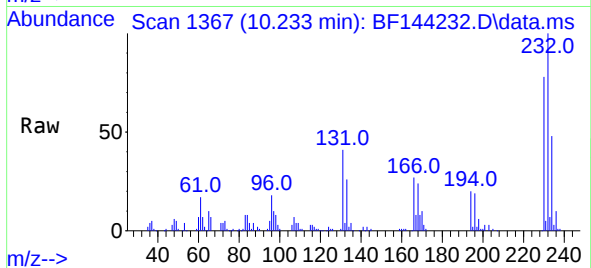




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.765 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

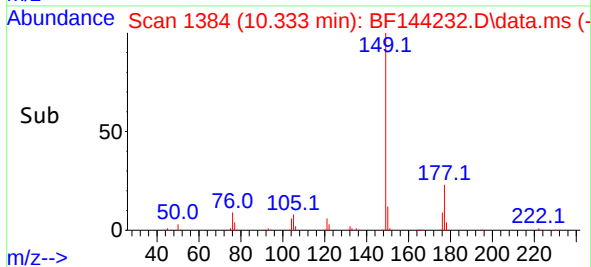
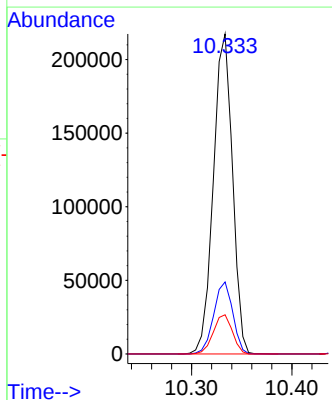
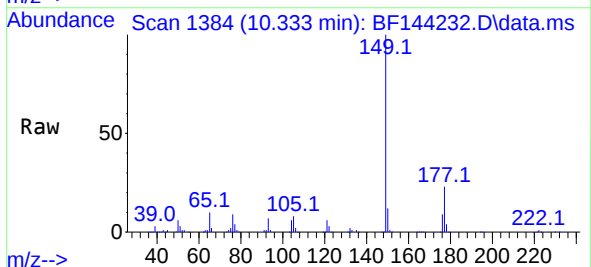
Instrument :
BNA_F
ClientSampleId :
PB170323BS

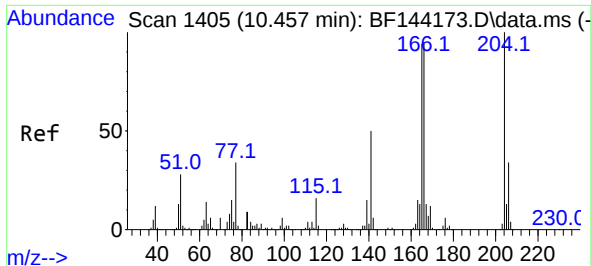
Tgt Ion:232 Resp: 79416
Ion Ratio Lower Upper
232 100
131 40.0 30.3 45.5
130 1.3 1.2 1.8
166 26.5 21.5 32.3



#60
Diethylphthalate
Concen: 45.141 ng
RT: 10.333 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

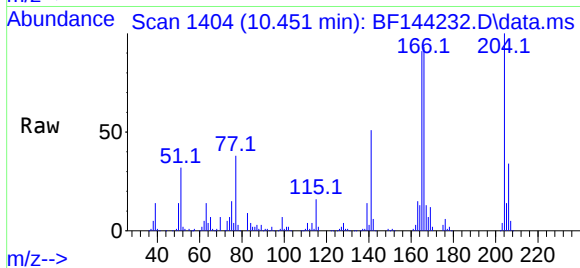
Tgt Ion:149 Resp: 287534
Ion Ratio Lower Upper
149 100
177 22.5 18.3 27.5
150 12.3 9.8 14.6



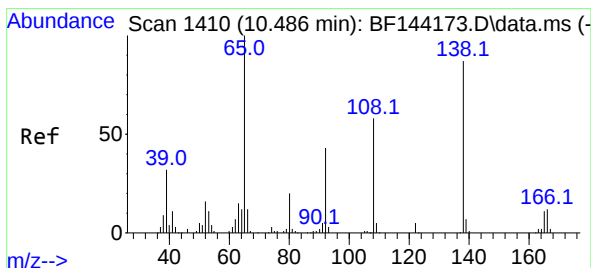
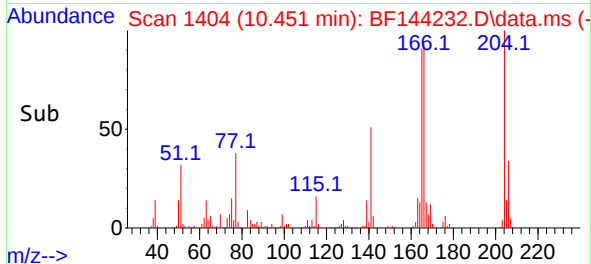
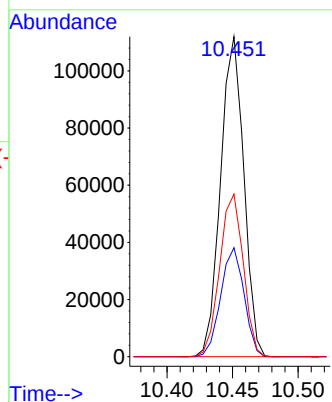


#61
4-Chlorophenyl-phenylether
Concen: 40.134 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

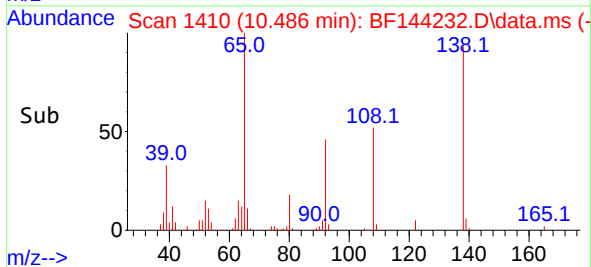
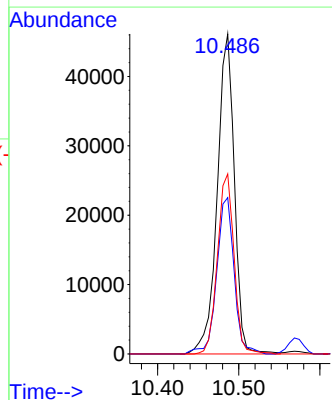
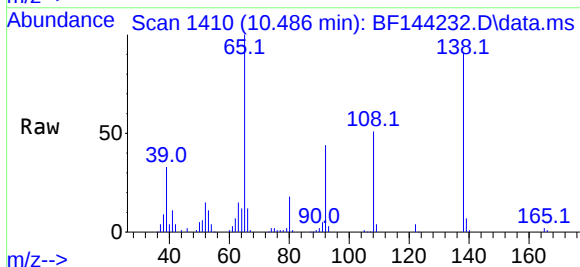


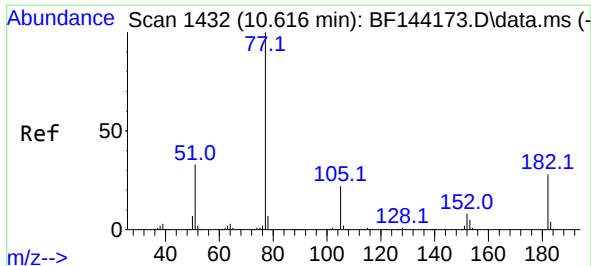
Tgt Ion:204 Resp: 137769
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 50.8 40.0 60.0



#62
4-Nitroaniline
Concen: 46.535 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:138 Resp: 67761
Ion Ratio Lower Upper
138 100
92 48.9 29.4 69.4
108 56.3 46.4 86.4



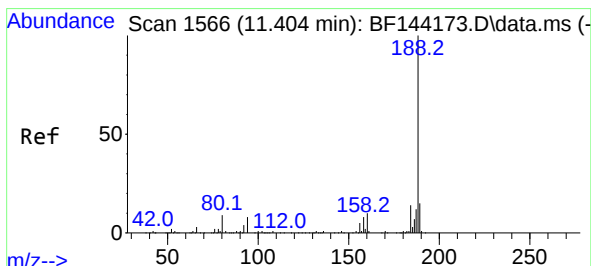
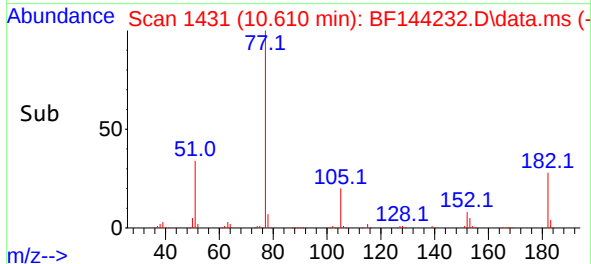
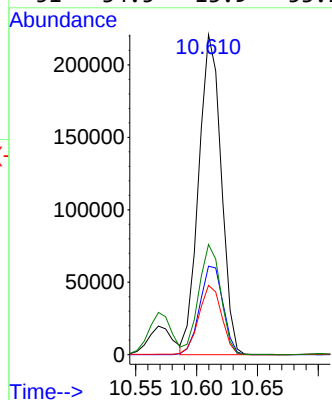
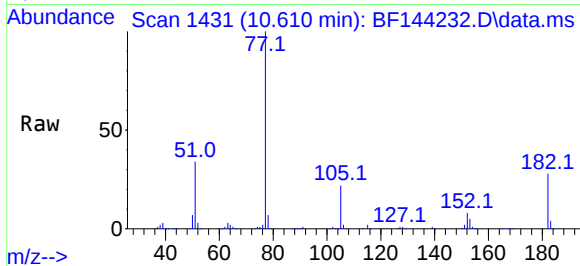


#63
Azobenzene
Concen: 47.859 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion: 77 Resp: 283712

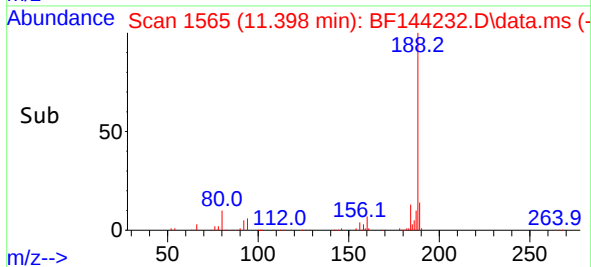
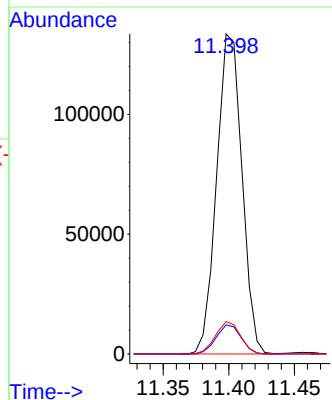
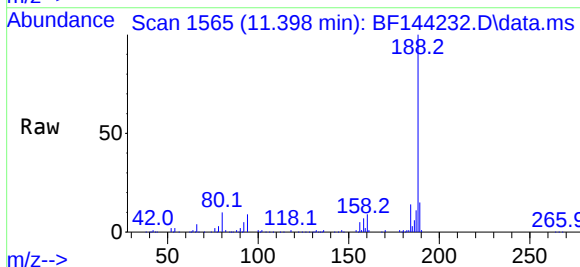
Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.1	48.1
105	21.6	2.0	42.0
51	34.5	13.9	53.9

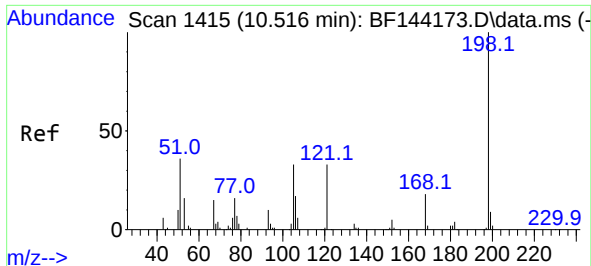


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion: 188 Resp: 179114

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.2	9.2
80	10.1	6.9	10.3

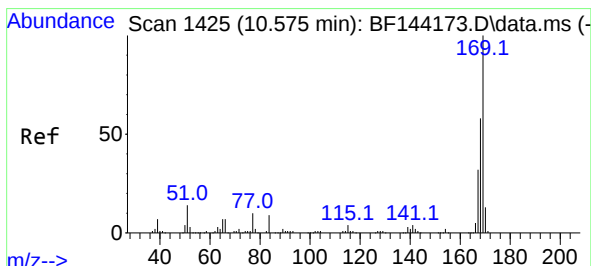
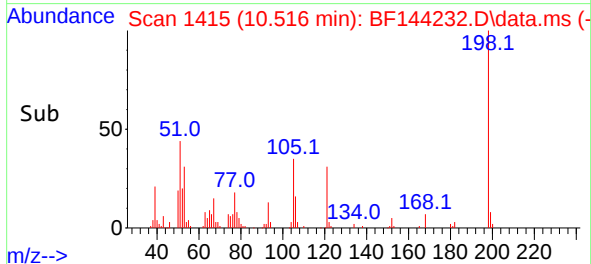
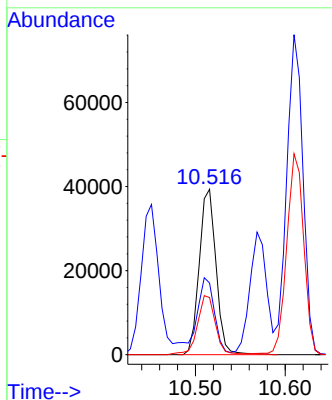
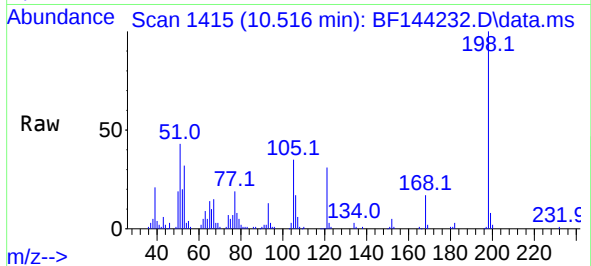




#65
4,6-Dinitro-2-methylphenol
Concen: 42.038 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

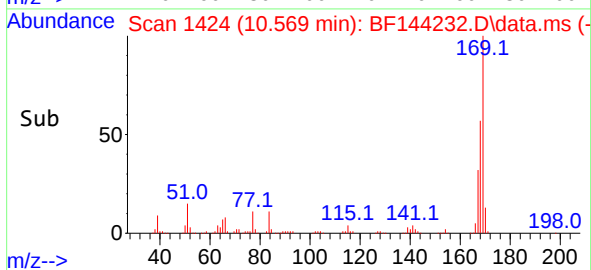
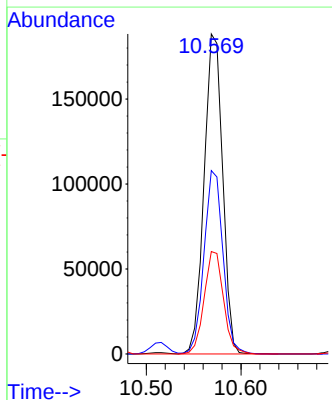
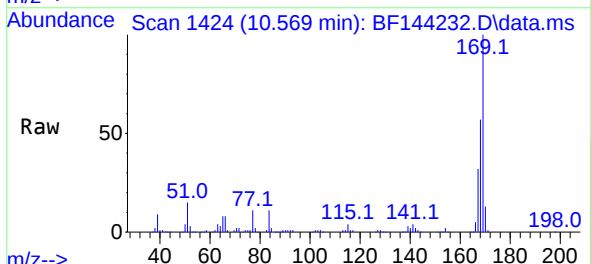
Instrument :
BNA_F
ClientSampleId :
PB170323BS

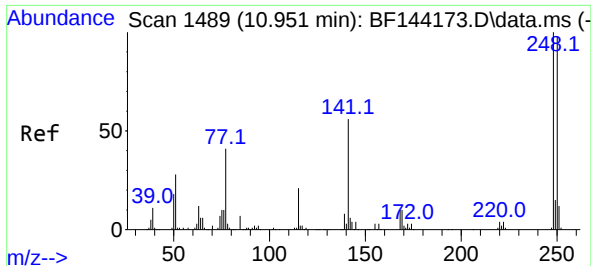
Tgt Ion:198 Resp: 51151
Ion Ratio Lower Upper
198 100
51 43.3 25.6 65.6
105 34.5 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.349 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:169 Resp: 255483
Ion Ratio Lower Upper
169 100
168 57.3 46.2 69.2
167 32.0 25.7 38.5

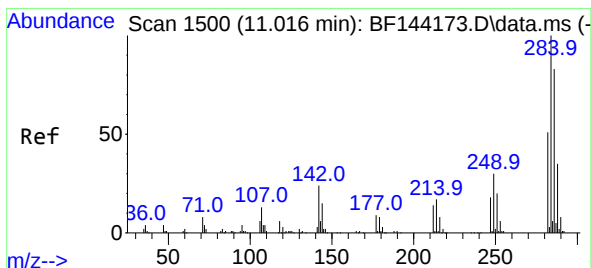
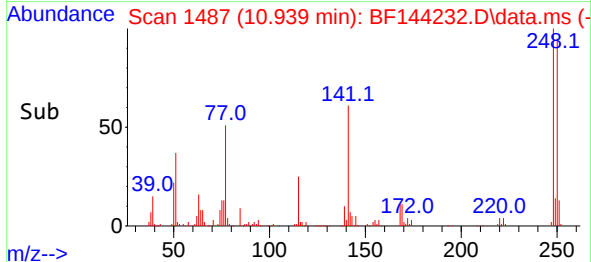
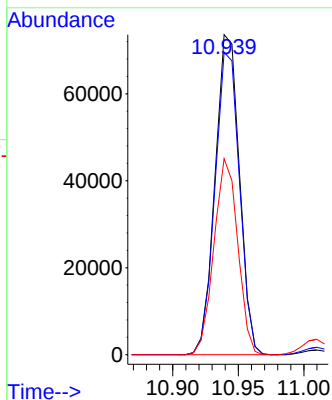
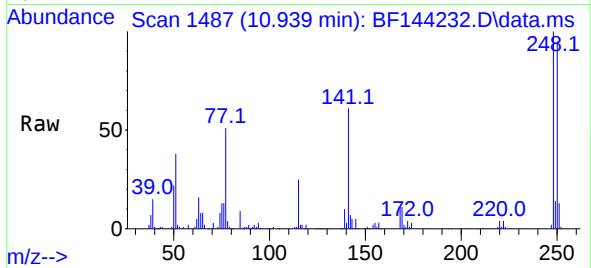




#67
4-Bromophenyl-phenylether
Concen: 41.600 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

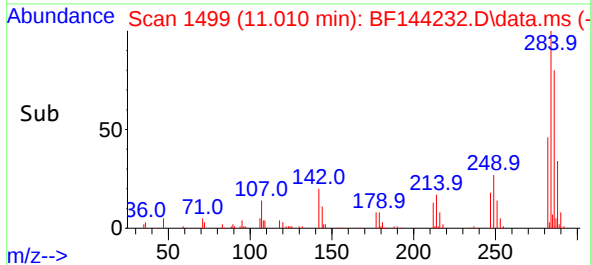
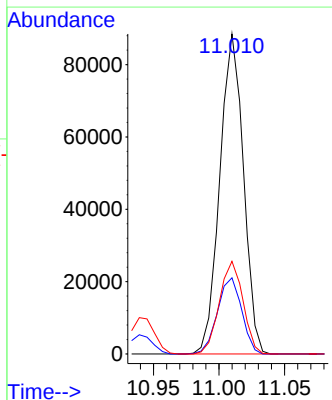
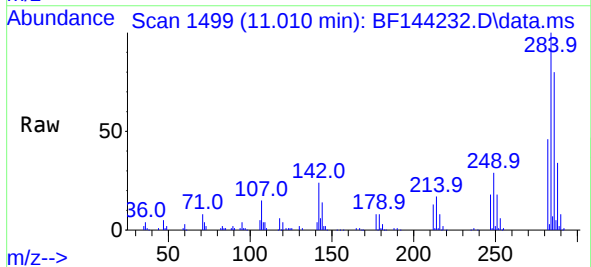
Instrument :
BNA_F
ClientSampleId :
PB170323BS

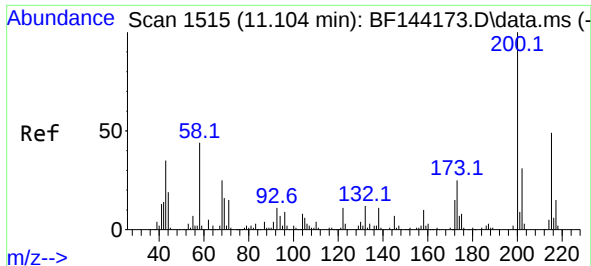
Tgt Ion:248 Resp: 95107
Ion Ratio Lower Upper
248 100
250 94.5 78.4 117.6
141 61.3 45.1 67.7



#68
Hexachlorobenzene
Concen: 41.194 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:284 Resp: 110929
Ion Ratio Lower Upper
284 100
142 23.8 19.2 28.8
249 28.9 23.8 35.8

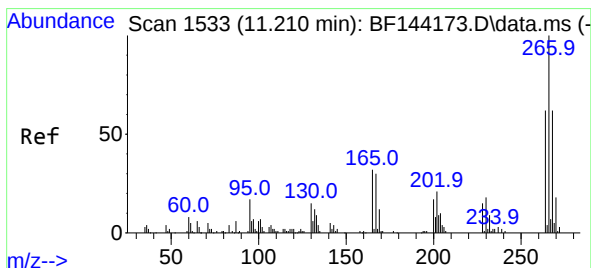
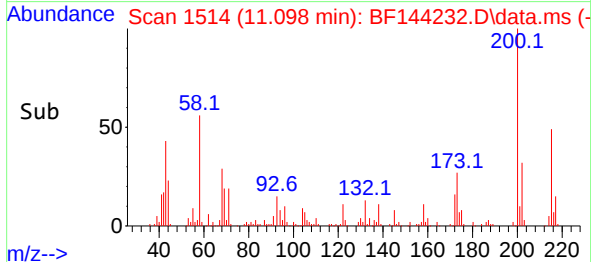
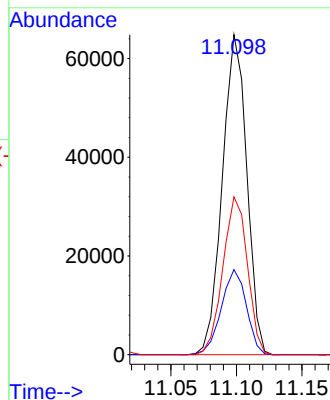
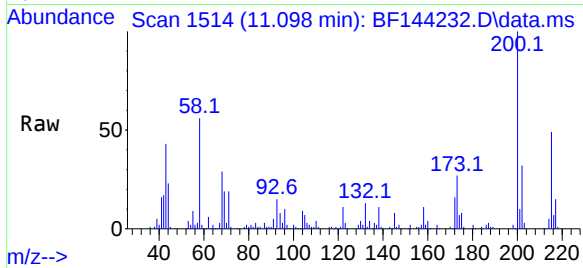




#69
Atrazine
Concen: 45.852 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

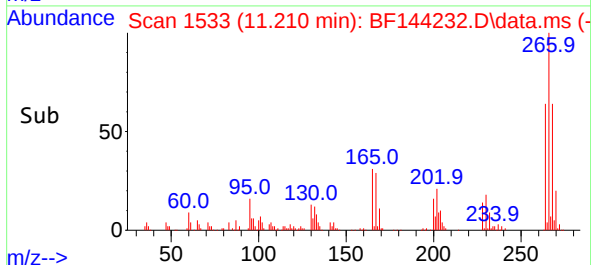
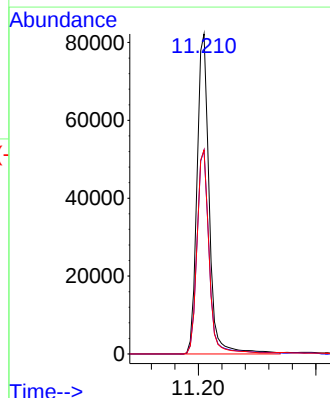
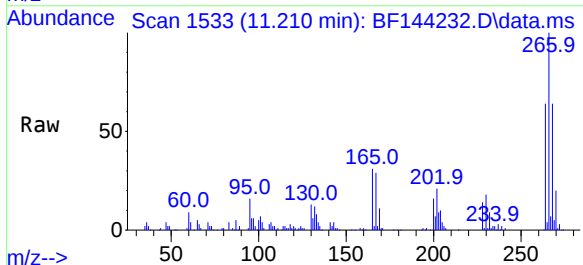
Instrument :
BNA_F
ClientSampleId :
PB170323BS

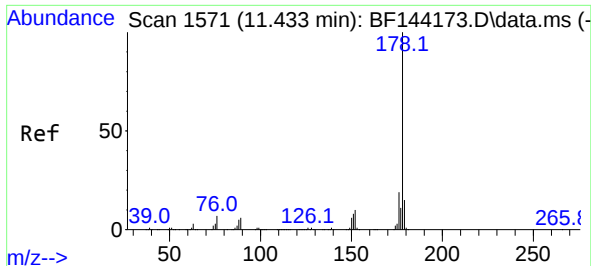
Tgt Ion:200 Resp: 84004
Ion Ratio Lower Upper
200 100
173 26.6 5.0 45.0
215 49.3 28.7 68.7



#70
Pentachlorophenol
Concen: 88.223 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:266 Resp: 118302
Ion Ratio Lower Upper
266 100
268 63.7 49.5 74.3
264 63.8 49.4 74.2

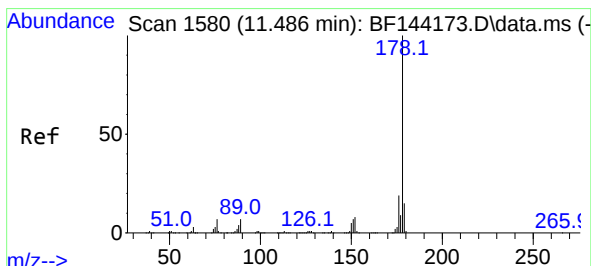
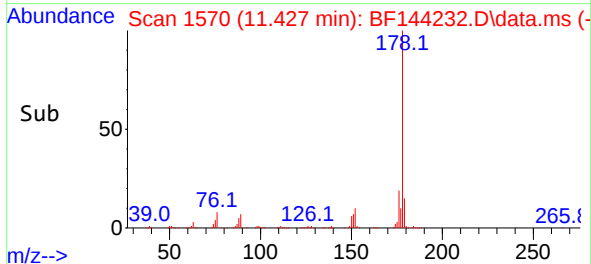
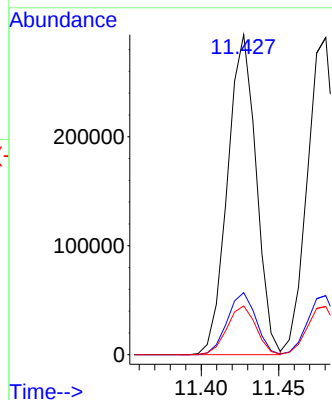
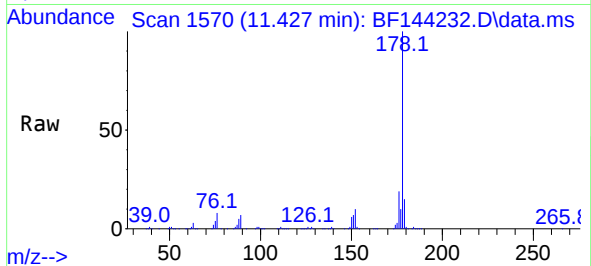




#71
Phenanthrene
Concen: 42.257 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

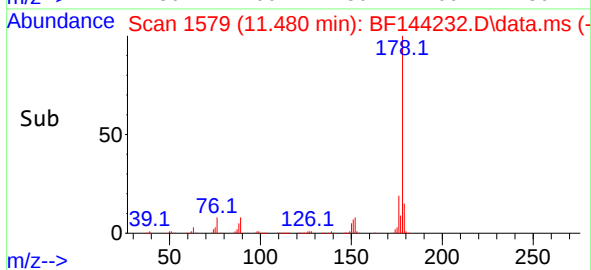
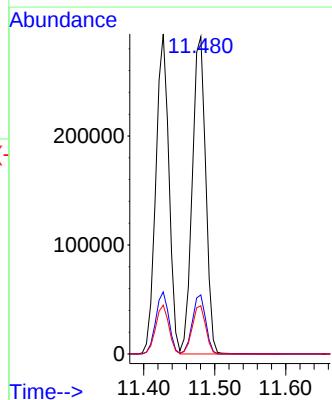
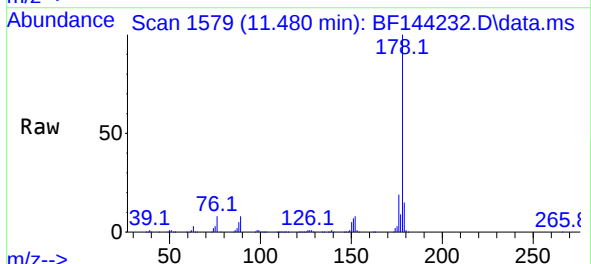
Instrument :
BNA_F
ClientSampleId :
PB170323BS

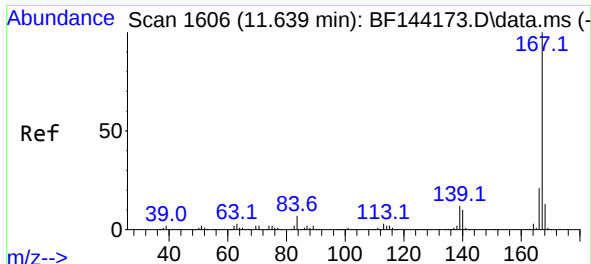
Tgt Ion:178 Resp: 376843
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 42.251 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

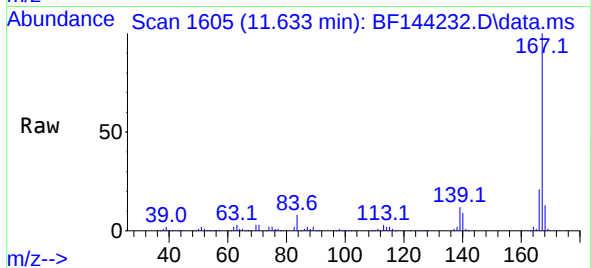
Tgt Ion:178 Resp: 383127
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.2 12.0 18.0



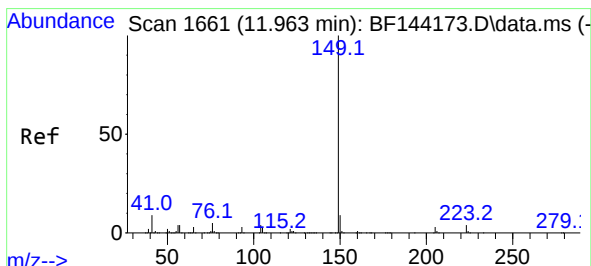
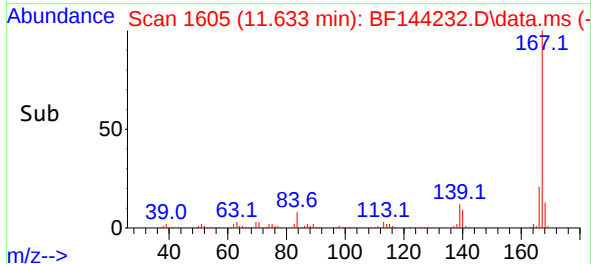
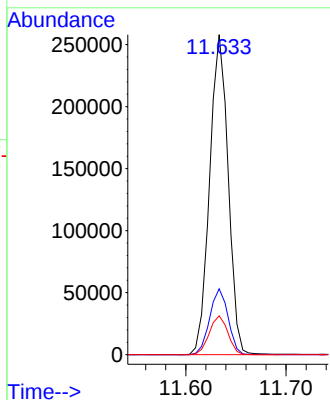


#73
Carbazole
Concen: 42.981 ng
RT: 11.633 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

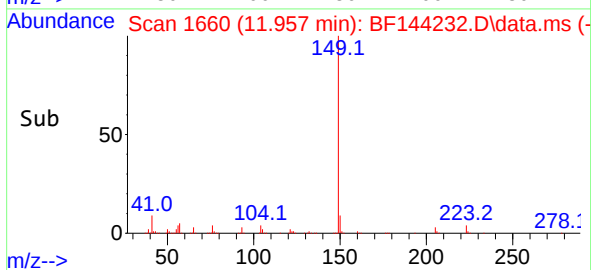
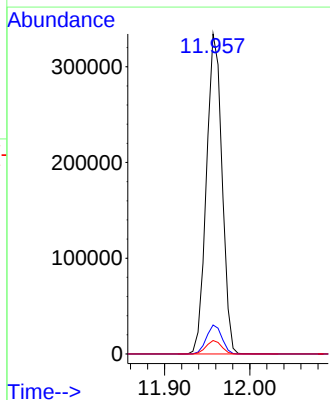
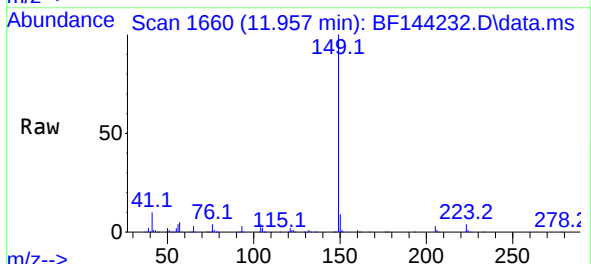


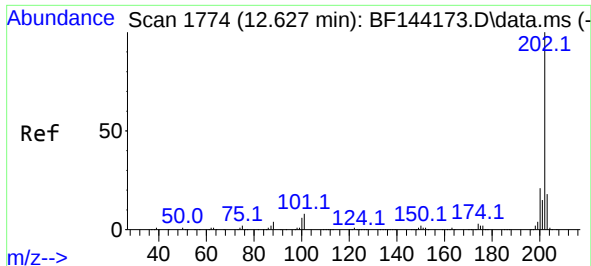
Tgt Ion:167 Resp: 331413
Ion Ratio Lower Upper
167 100
166 20.6 17.2 25.8
139 12.1 9.9 14.9



#74
Di-n-butylphthalate
Concen: 45.568 ng
RT: 11.957 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

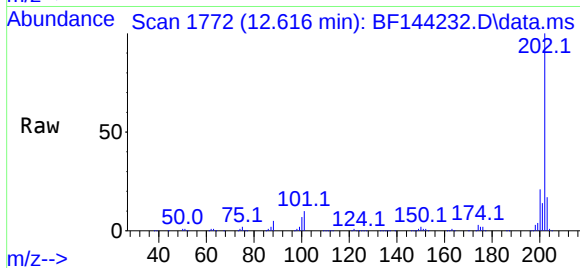
Tgt Ion:149 Resp: 424757
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.2 3.4 5.2



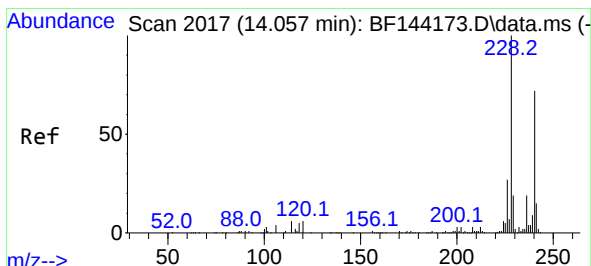
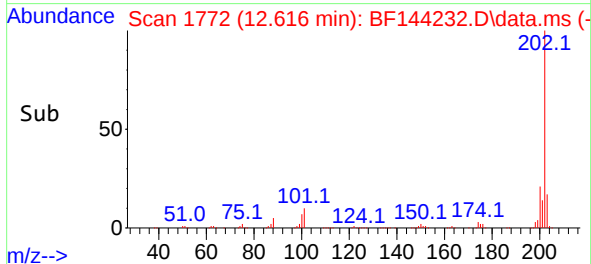
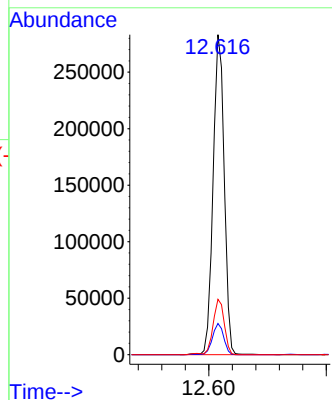


#75
Fluoranthene
Concen: 40.256 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

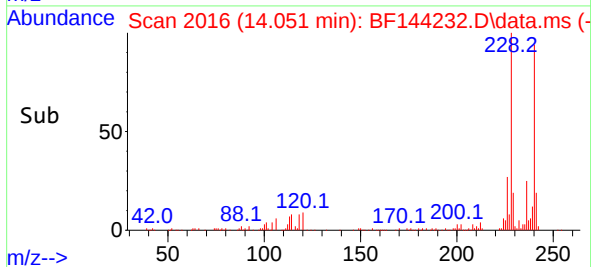
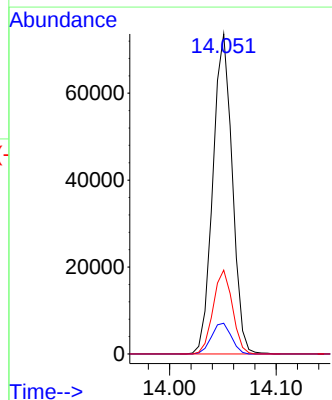
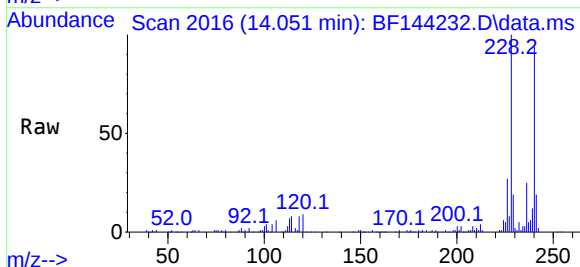


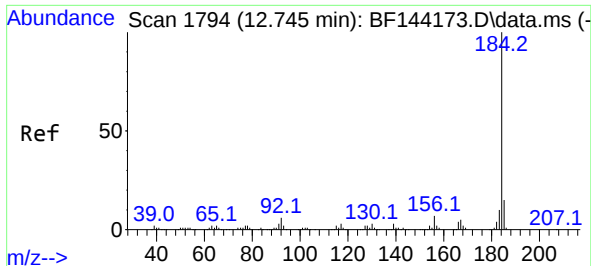
Tgt Ion:202 Resp: 370847
Ion Ratio Lower Upper
202 100
101 9.8 0.0 27.9
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:240 Resp: 92727
Ion Ratio Lower Upper
240 100
120 9.6 6.6 10.0
236 26.2 21.4 32.2

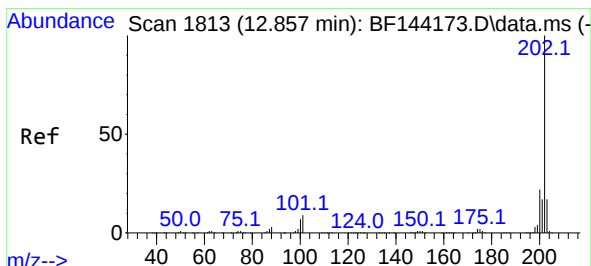
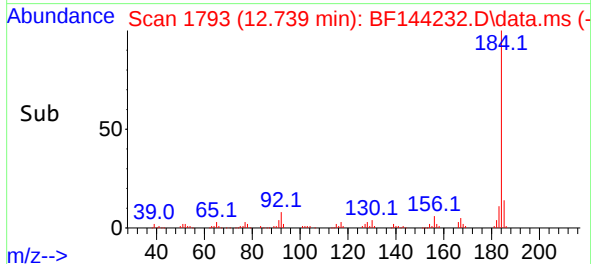
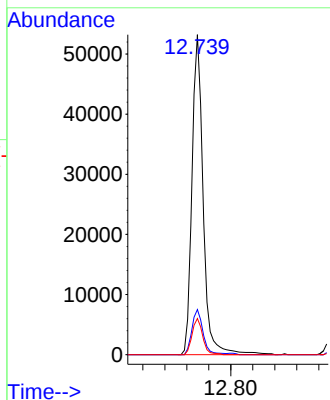
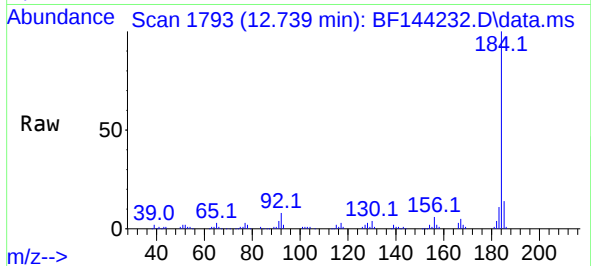




#77
Benzidine
Concen: 27.423 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

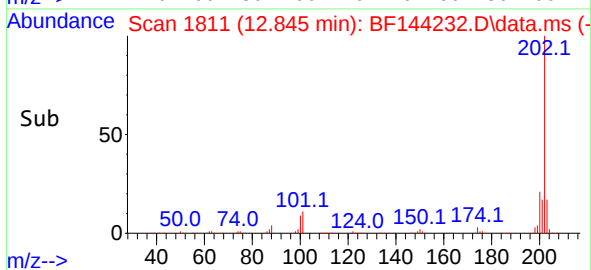
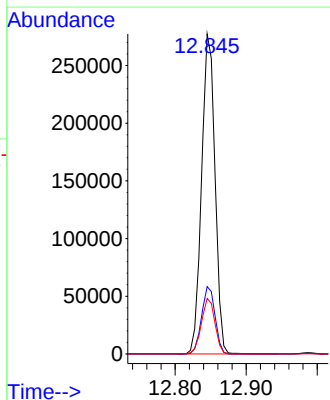
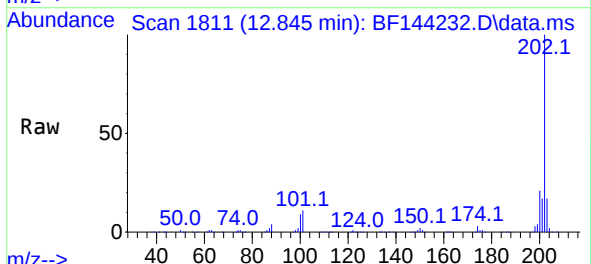
Instrument :
BNA_F
ClientSampleId :
PB170323BS

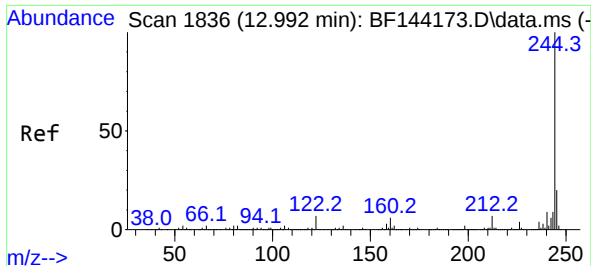
Tgt Ion:184 Resp: 75217
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.3 8.3 12.5



#78
Pyrene
Concen: 48.803 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:202 Resp: 364875
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.4 13.7 20.5

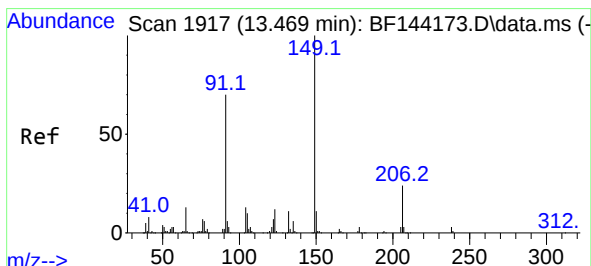
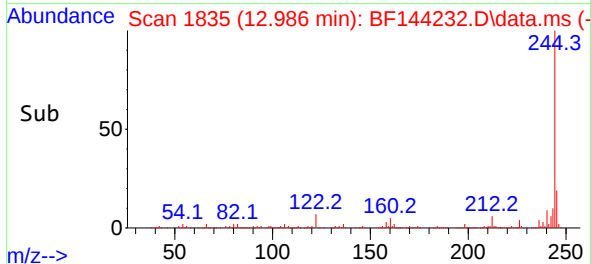
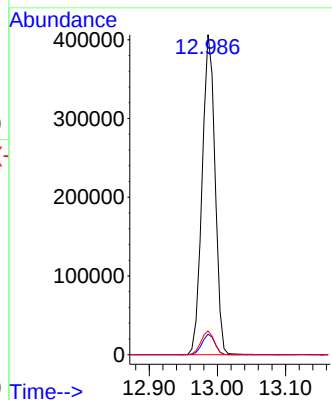
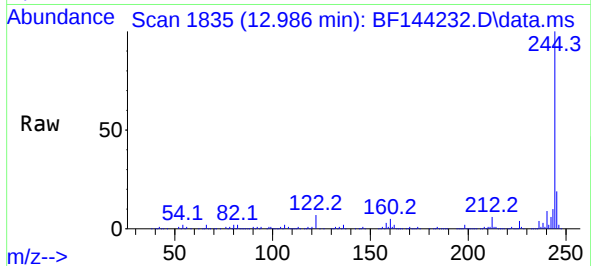




#79
 Terphenyl-d14
 Concen: 91.631 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144232.D
 Acq: 12 Nov 2025 16:51

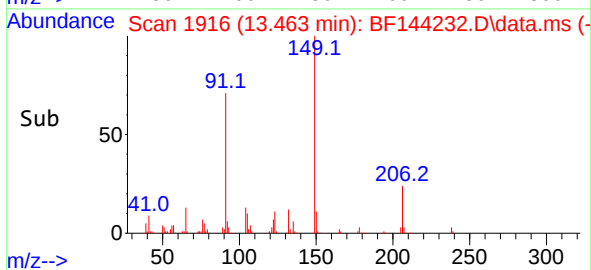
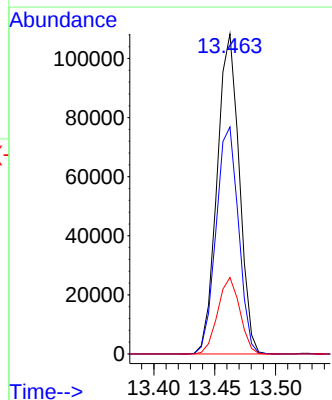
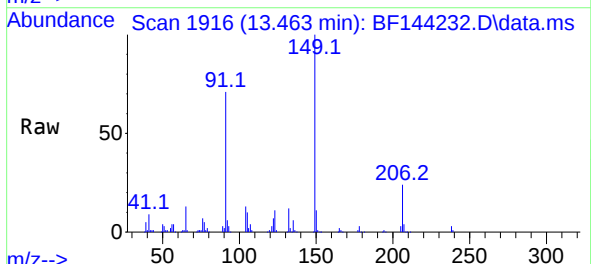
Instrument :
 BNA_F
 ClientSampleId :
 PB170323BS

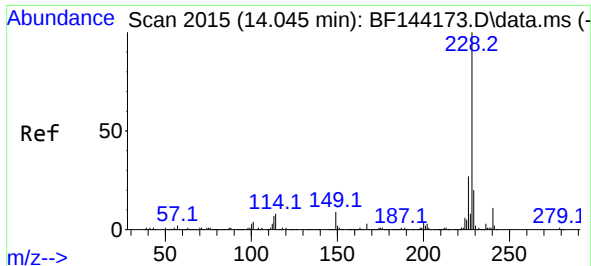
Tgt Ion:244 Resp: 534919
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 7.4 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 52.931 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF144232.D
 Acq: 12 Nov 2025 16:51

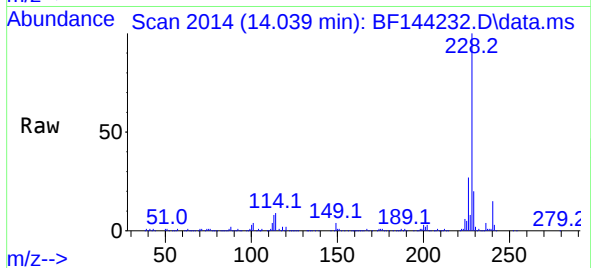
Tgt Ion:149 Resp: 137159
 Ion Ratio Lower Upper
 149 100
 91 71.0 56.1 84.1
 206 23.9 18.8 28.2



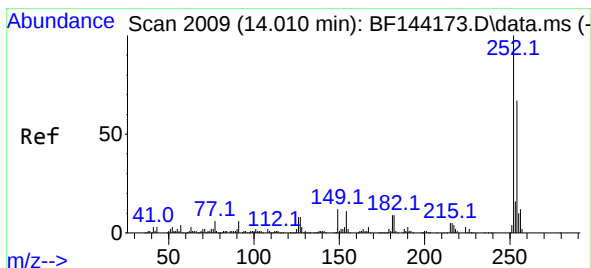
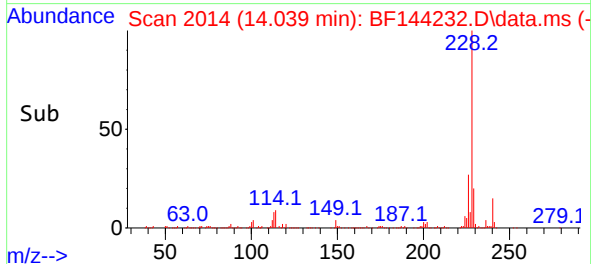
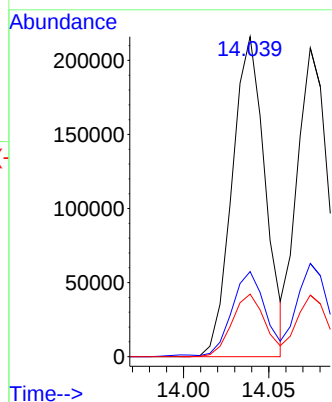


#81
Benzo(a)anthracene
Concen: 45.270 ng
RT: 14.039 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

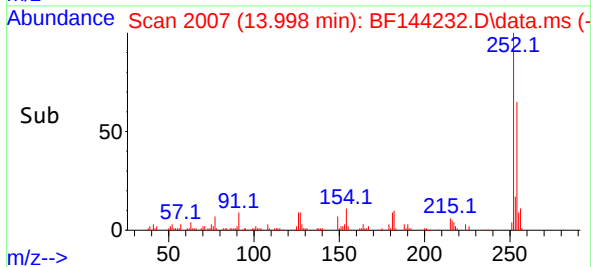
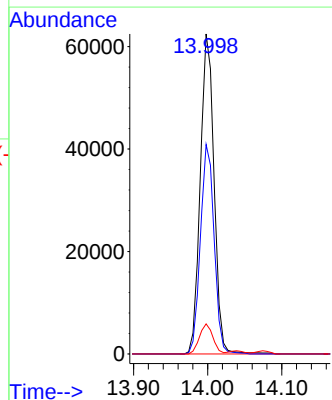
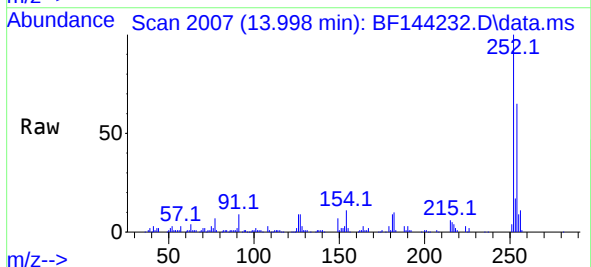


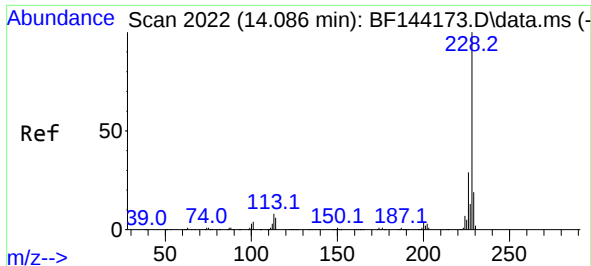
Tgt Ion:228 Resp: 290933
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 36.724 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:252 Resp: 80899
Ion Ratio Lower Upper
252 100
254 65.4 53.5 80.3
126 9.4 6.4 9.6



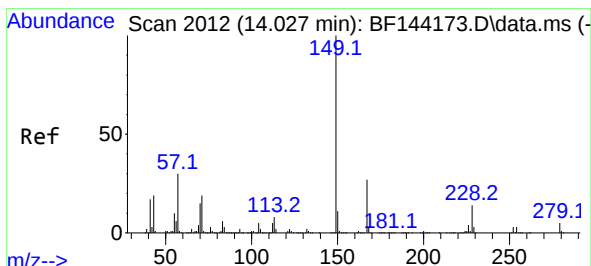
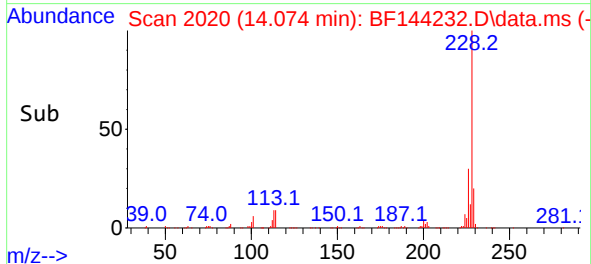
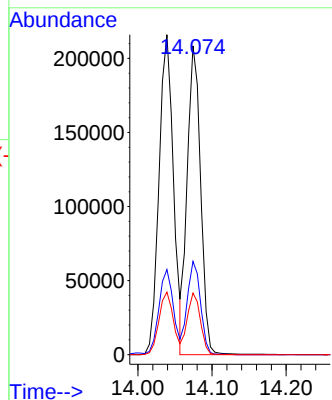
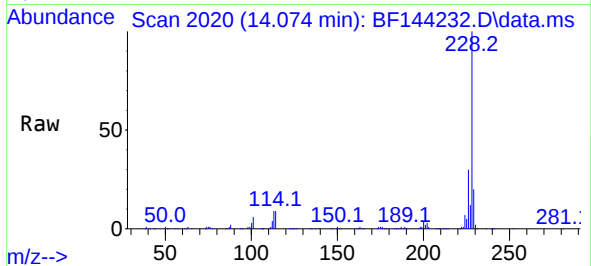


#83
Chrysene
Concen: 44.414 ng
RT: 14.074 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion:228 Resp: 263491

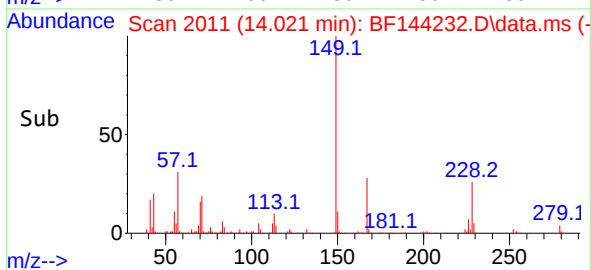
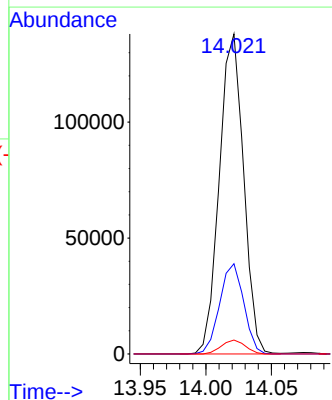
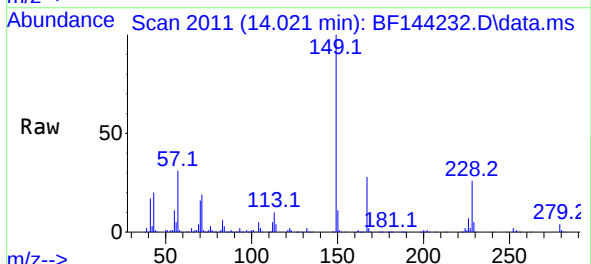
Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.9	34.3
229	19.9	15.0	22.6

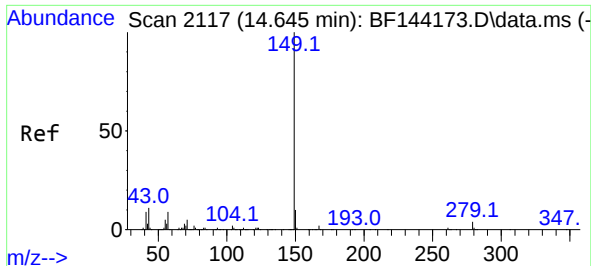


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.996 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:149 Resp: 177351

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	4.4	3.7	5.5

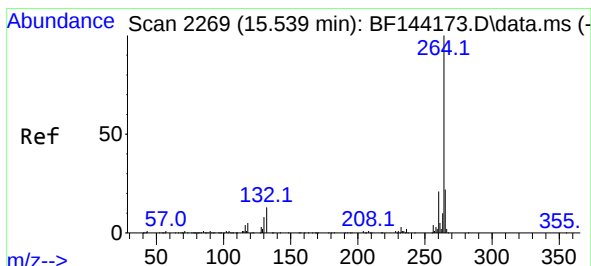
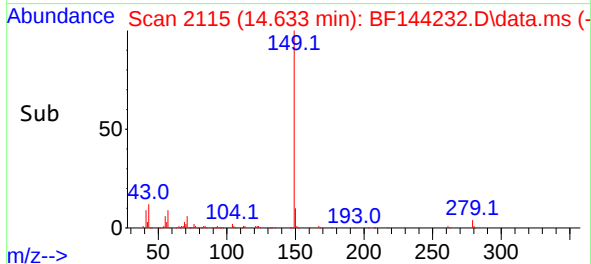
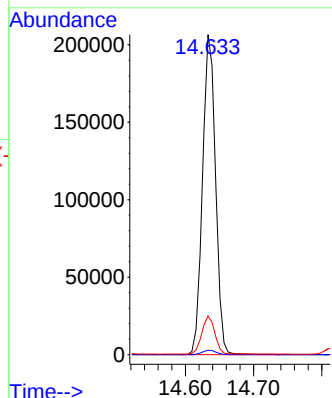
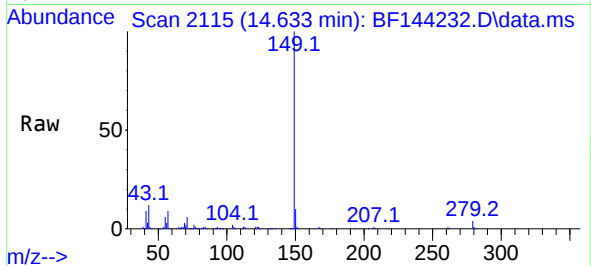




#85
Di-n-octyl phthalate
Concen: 44.790 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

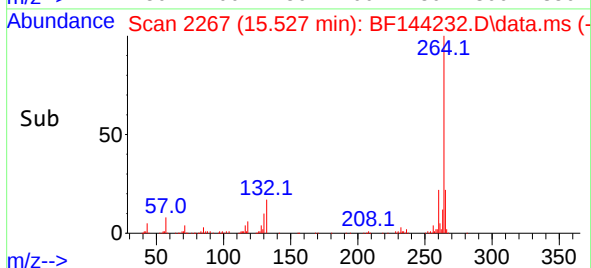
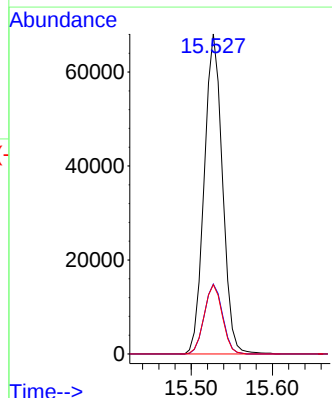
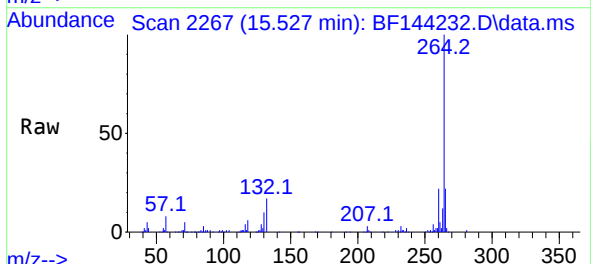
Instrument :
BNA_F
ClientSampleId :
PB170323BS

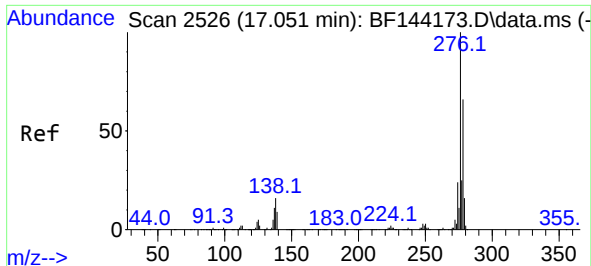
Tgt Ion:149 Resp: 274123
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.8 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:264 Resp: 106133
Ion Ratio Lower Upper
264 100
260 21.9 17.1 25.7
265 21.6 17.4 26.0

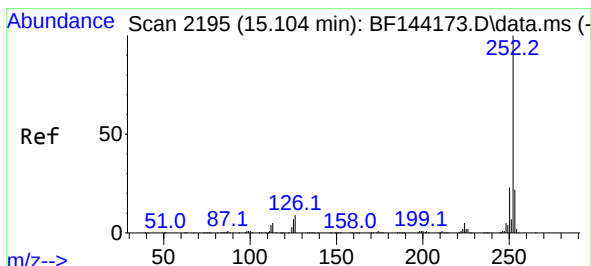
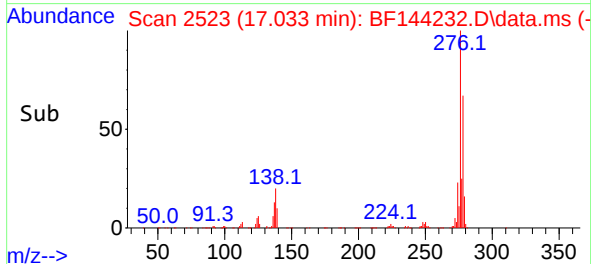
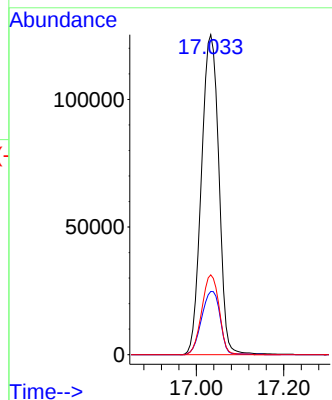
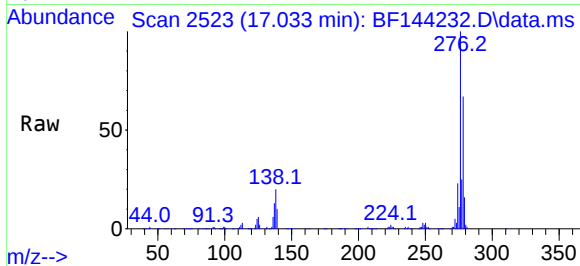




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.724 ng
 RT: 17.033 min Scan# 2199
 Delta R.T. -0.000 min
 Lab File: BF144232.D
 Acq: 12 Nov 2025 16:51

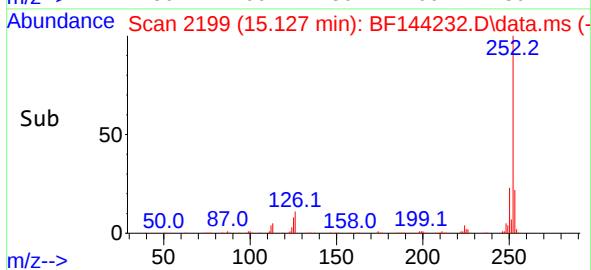
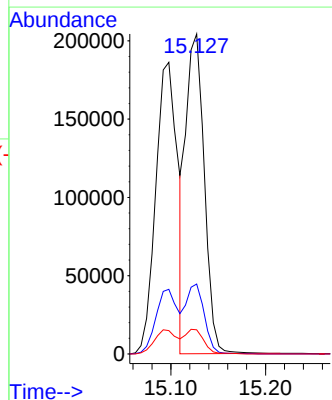
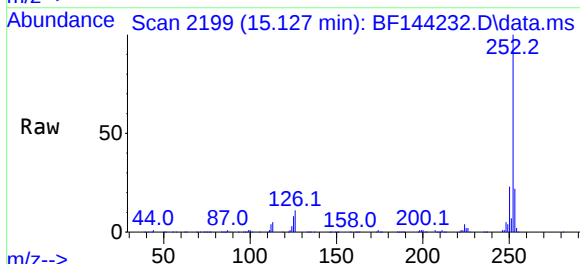
Instrument :
 BNA_F
 ClientSampleId :
 PB170323BS

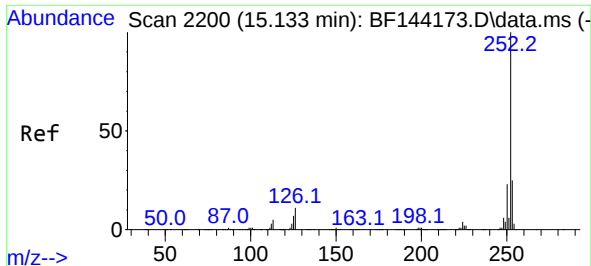
Tgt Ion:276 Resp: 348356
 Ion Ratio Lower Upper
 276 100
 138 21.1 13.9 20.9#
 277 24.9 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 45.792 ng
 RT: 15.127 min Scan# 2199
 Delta R.T. 0.029 min
 Lab File: BF144232.D
 Acq: 12 Nov 2025 16:51

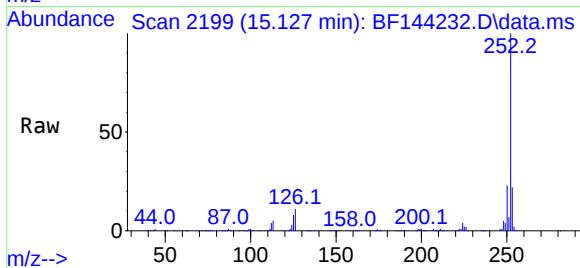
Tgt Ion:252 Resp: 276301
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.2
 125 7.5 5.3 7.9



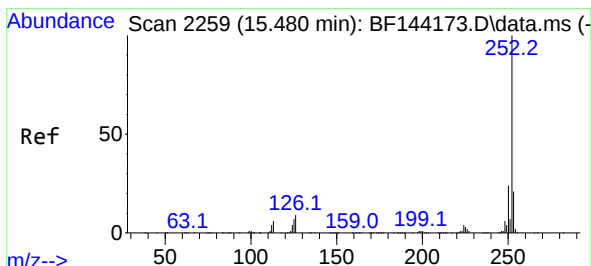
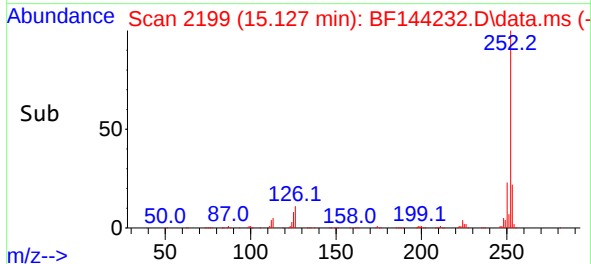
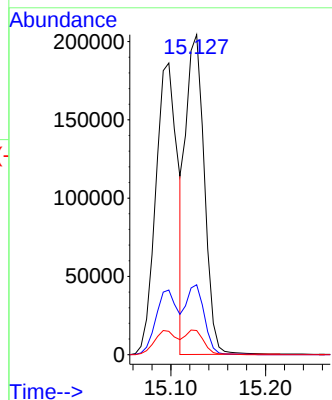


#89
Benzo(k)fluoranthene
Concen: 48.923 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

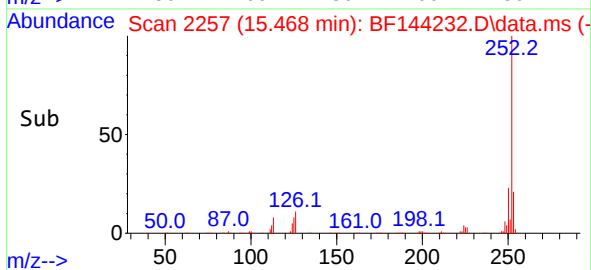
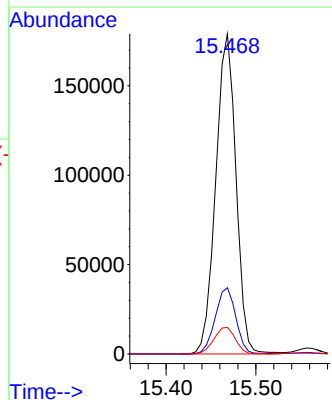
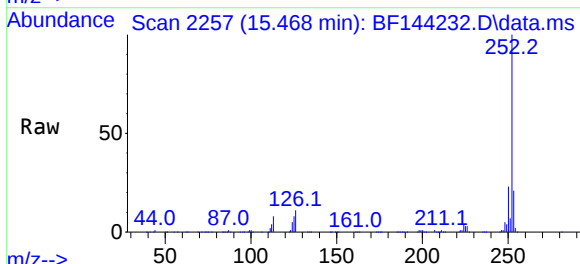


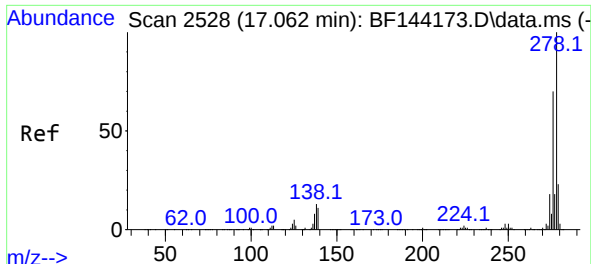
Tgt Ion:252 Resp: 276301
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 7.5 5.4 8.2



#90
Benzo(a)pyrene
Concen: 50.327 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:252 Resp: 280147
Ion Ratio Lower Upper
252 100
253 20.7 16.7 25.1
125 8.3 5.7 8.5

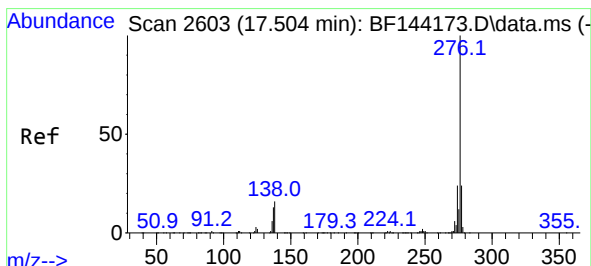
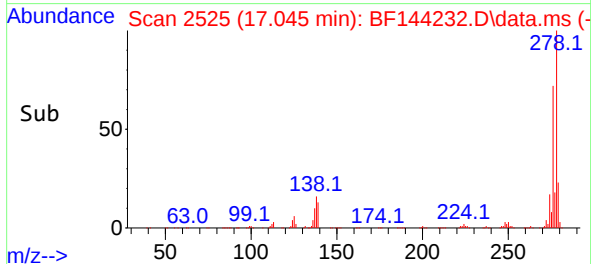
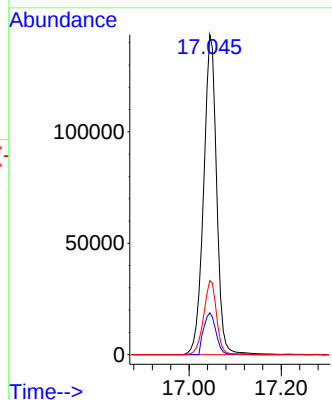
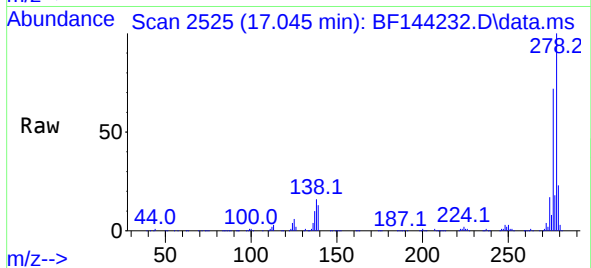




#91
Dibenzo(a,h)anthracene
Concen: 46.298 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion:278 Resp: 283279
Ion Ratio Lower Upper
278 100
139 13.1 9.1 13.7
279 23.2 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 46.390 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:276 Resp: 280300
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 19.0 12.9 19.3

