

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120425\
 Data File : BF144432.D
 Acq On : 04 Dec 2025 16:08
 Operator : RC/JU
 Sample : Q3767-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346MSD

Quant Time: Dec 04 16:29:55 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	6.863	152	46877	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	162090	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	79200	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	130312	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	123525	20.000	ng	0.00
86) Perylene-d12	15.533	264	116603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	190797	63.693	ng	0.00
7) Phenol-d6	6.498	99	213195	62.811	ng	0.00
23) Nitrobenzene-d5	7.428	82	124646	44.413	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	66951	67.364	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	268382	50.048	ng	0.00
79) Terphenyl-d14	12.980	244	295567	38.007	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	52256	42.194	ng	99
3) Pyridine	3.434	79	148722	43.043	ng	98
4) n-Nitrosodimethylamine	3.381	42	77254	42.805	ng	97
6) Aniline	6.528	93	71753	14.837	ng	# 66
8) 2-Chlorophenol	6.651	128	123754	42.126	ng	98
9) Benzaldehyde	6.416	77	107827	56.258	ng	97
10) Phenol	6.516	94	168325	40.589	ng	97
11) bis(2-Chloroethyl)ether	6.598	93	126878	41.988	ng	98
12) 1,3-Dichlorobenzene	6.804	146	156568	43.191	ng	96
13) 1,4-Dichlorobenzene	6.881	146	155163	42.724	ng	98
14) 1,2-Dichlorobenzene	7.034	146	149496	42.947	ng	99
15) Benzyl Alcohol	7.004	79	115044	42.804	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	217571	39.099	ng	63
17) 2-Methylphenol	7.122	107	94510	40.440	ng	92
18) Hexachloroethane	7.375	117	48656	40.326	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	93427	41.812	ng	97
20) 3+4-Methylphenols	7.281	107	119029	43.205	ng	# 85
22) Acetophenone	7.269	105	159270	45.804	ng	99
24) Nitrobenzene	7.445	77	134422	44.113	ng	99
25) Isophorone	7.686	82	234528	44.179	ng	99
26) 2-Nitrophenol	7.763	139	68595	45.475	ng	97
27) 2,4-Dimethylphenol	7.798	122	108923	48.177	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	153193	46.212	ng	95
29) 2,4-Dichlorophenol	8.010	162	110437	42.381	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	120945	45.200	ng	96
31) Naphthalene	8.169	128	339987	44.094	ng	99
32) Benzoic acid	7.922	122	69452	41.908	ng	96
33) 4-Chloroaniline	8.222	127	22477	7.993	ng	98
34) Hexachlorobutadiene	8.281	225	86140	42.716	ng	99
35) Caprolactam	8.586	113	29807	41.752	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	93292	39.948	ng	97
37) 2-Methylnaphthalene	8.857	142	204836	39.734	ng	100
38) 1-Methylnaphthalene	8.957	142	205237	41.261	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	121366	46.758	ng	98
41) Hexachlorocyclopentadiene	9.010	237	50631	56.789	ng	95
43) 2,4,6-Trichlorophenol	9.139	196	78673	44.533	ng	97

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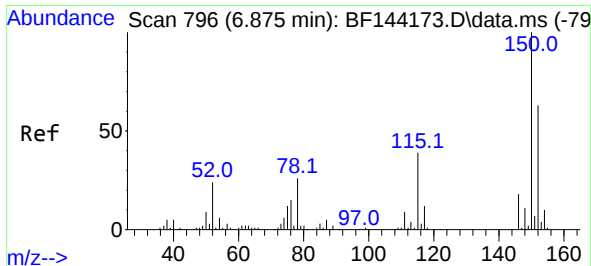
Quant Time: Dec 04 16:29:55 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	81499	42.803	ng	99
46) 1,1'-Biphenyl	9.322	154	265735	48.067	ng	99
47) 2-Chloronaphthalene	9.351	162	215330	45.662	ng	100
48) 2-Nitroaniline	9.451	65	64179	47.167	ng	95
49) Acenaphthylene	9.763	152	332789	51.785	ng	99
50) Dimethylphthalate	9.622	163	257600	49.096	ng	99
51) 2,6-Dinitrotoluene	9.686	165	52269	49.211	ng	99
52) Acenaphthene	9.933	154	175807	40.910	ng	99
53) 3-Nitroaniline	9.863	138	26217	22.580	ng	96
54) 2,4-Dinitrophenol	9.975	184	32031	49.941	ng	98
55) Dibenzofuran	10.110	168	261277	43.411	ng	98
56) 4-Nitrophenol	10.033	139	63050	75.070	ng	98
57) 2,4-Dinitrotoluene	10.098	165	66265	46.604	ng	94
58) Fluorene	10.451	166	209096	45.694	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	62581	46.455	ng	98
60) Diethylphthalate	10.322	149	227988	47.136	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	114465	43.913	ng	99
62) 4-Nitroaniline	10.475	138	41561	37.588	ng	95
63) Azobenzene	10.604	77	217964	48.421	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	25723	29.057	ng	98
66) n-Nitrosodiphenylamine	10.563	169	202483	48.312	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	77356	46.507	ng	96
68) Hexachlorobenzene	11.004	284	89215	45.538	ng	95
69) Atrazine	11.092	200	65349	49.028	ng	99
70) Pentachlorophenol	11.204	266	91273	93.557	ng	99
71) Phenanthrene	11.422	178	312511	48.167	ng	100
72) Anthracene	11.469	178	313264	47.484	ng	100
73) Carbazole	11.627	167	285435	50.881	ng	99
74) Di-n-butylphthalate	11.951	149	331063	48.817	ng	100
75) Fluoranthene	12.616	202	441265	65.839	ng	99
77) Benzidine	12.739	184	157417	43.083	ng	98
78) Pyrene	12.845	202	440122	44.190	ng	99
80) Butylbenzylphthalate	13.457	149	151964	44.023	ng	99
81) Benzo(a)anthracene	14.039	228	429696	50.191	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	61213	20.859	ng	98
83) Chrysene	14.074	228	407149	51.517	ng	97
84) Bis(2-ethylhexyl)phtha...	14.015	149	204362	43.247	ng	97
85) Di-n-octyl phthalate	14.627	149	381345	46.774	ng	96
87) Indeno(1,2,3-cd)pyrene	17.039	276	284907	34.038	ng	99
88) Benzo(b)fluoranthene	15.098	252	375513	56.646	ng	98
89) Benzo(k)fluoranthene	15.127	252	293873	47.362	ng	99
90) Benzo(a)pyrene	15.468	252	314462	51.419	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	224275	33.363	ng	100
92) Benzo(g,h,i)perylene	17.492	276	228443	34.413	ng	98

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

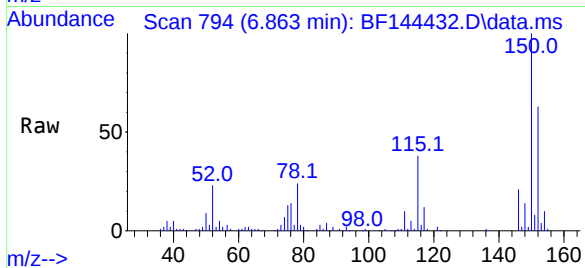
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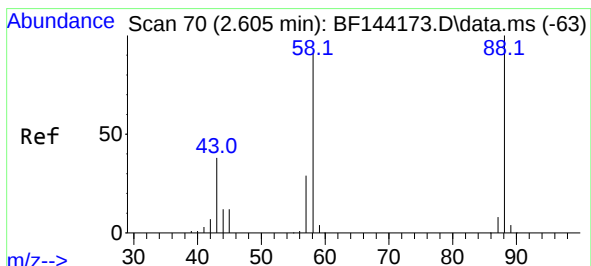
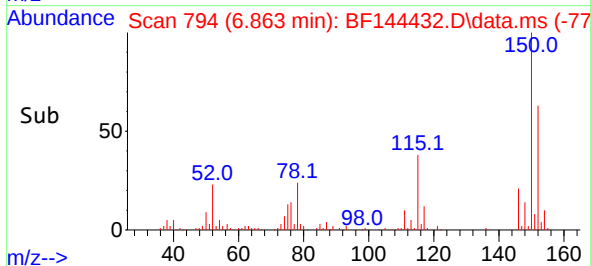
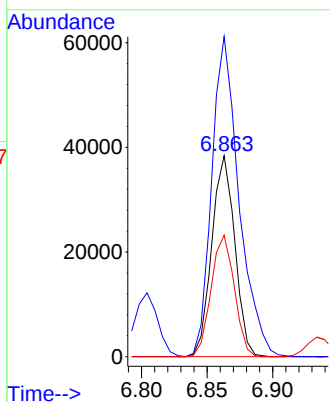


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

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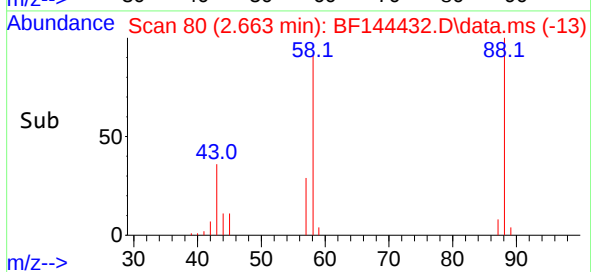
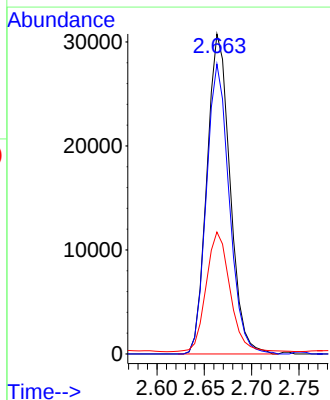
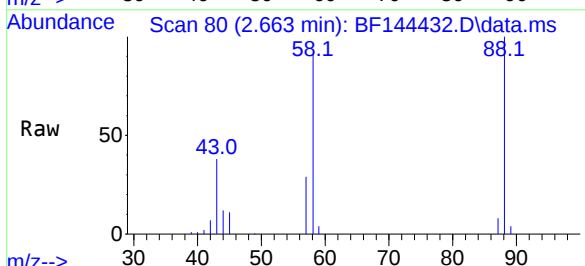


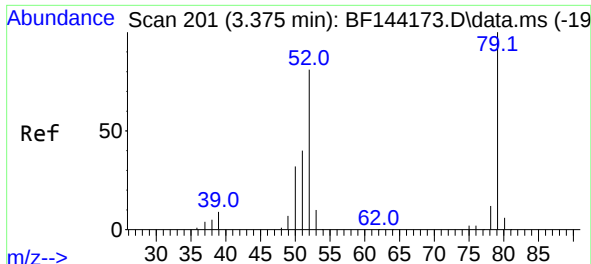
Tgt Ion:152 Resp: 46877
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.0
115 60.5 49.5 74.3



#2
1,4-Dioxane
Concen: 42.194 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.047 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion: 88 Resp: 52256
Ion Ratio Lower Upper
88 100
58 89.7 73.1 109.7
43 38.5 31.0 46.6

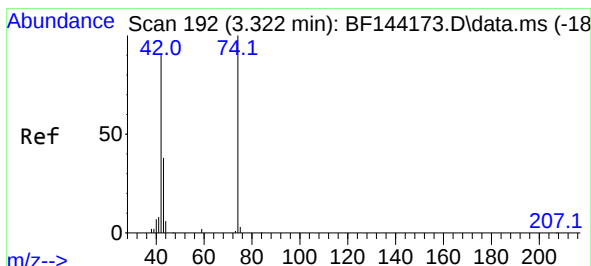
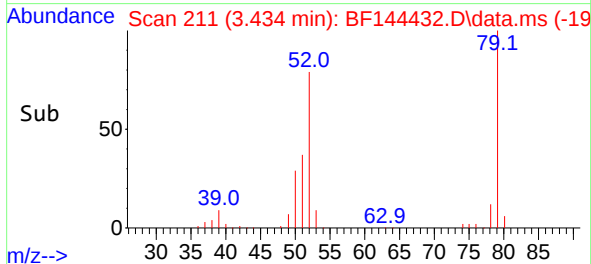
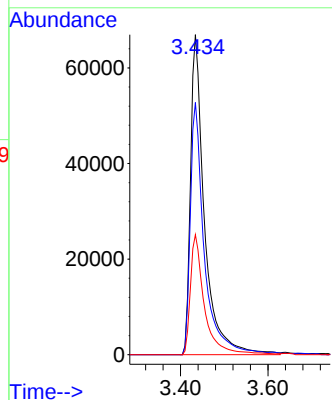
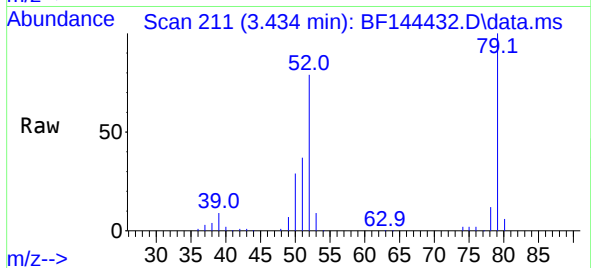




#3
Pyridine
Concen: 43.043 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.023 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

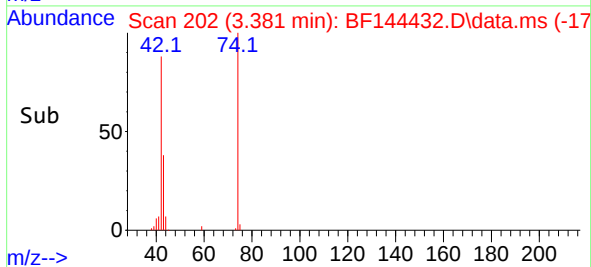
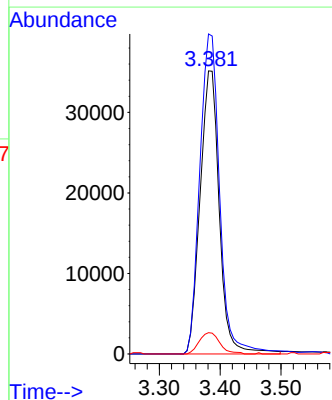
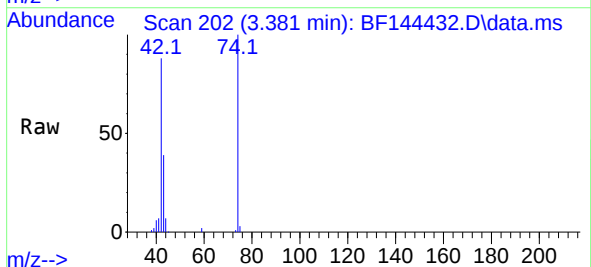
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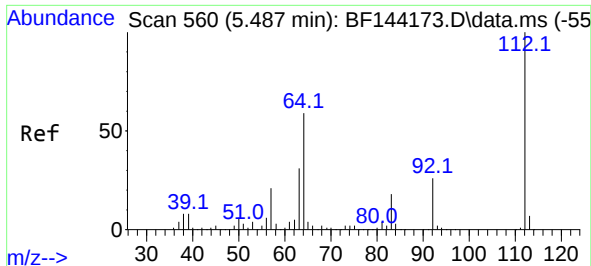
Tgt Ion: 79 Resp: 148722
Ion Ratio Lower Upper
79 100
52 78.8 64.5 96.7
51 37.5 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 42.805 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.035 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion: 42 Resp: 77254
Ion Ratio Lower Upper
42 100
74 113.0 88.2 132.4
44 7.5 5.7 8.5

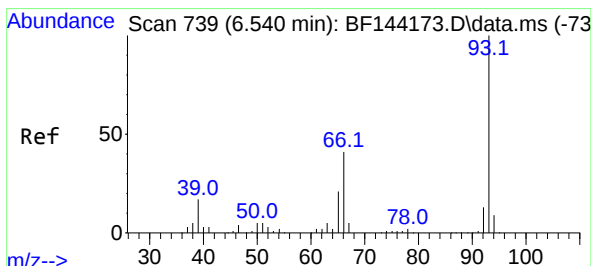
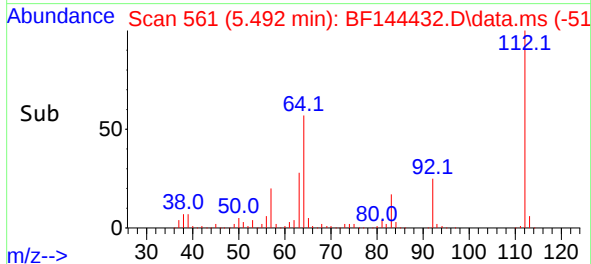
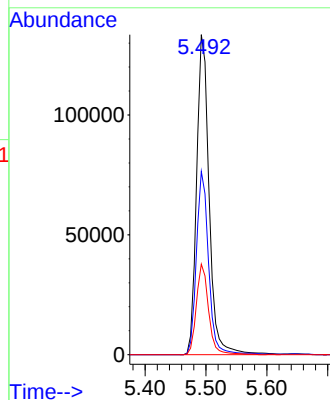
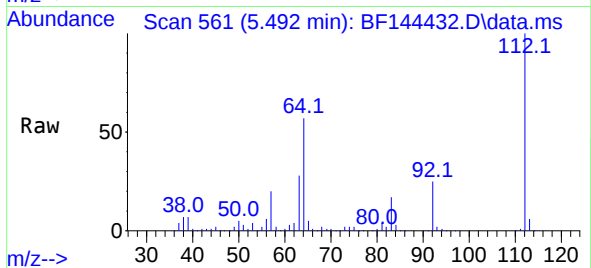




#5
2-Fluorophenol
Concen: 63.693 ng
RT: 5.492 min Scan# 509
Delta R.T. -0.000 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

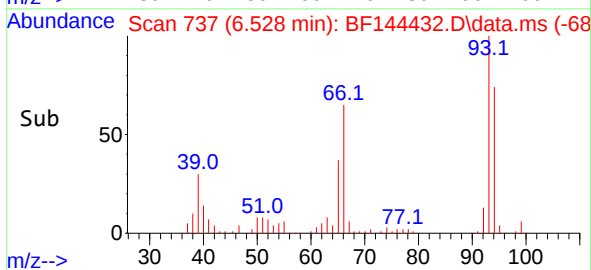
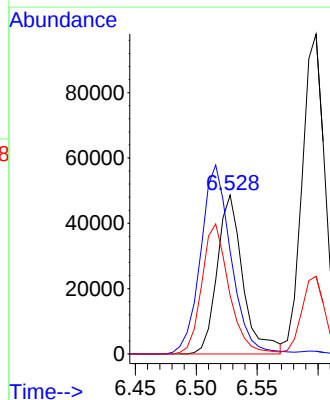
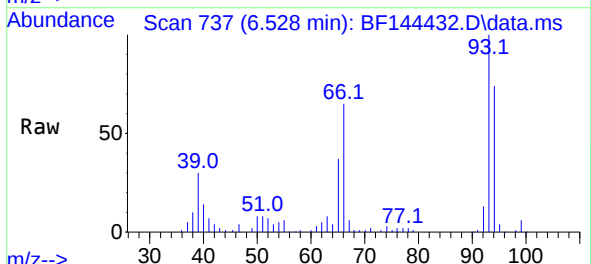
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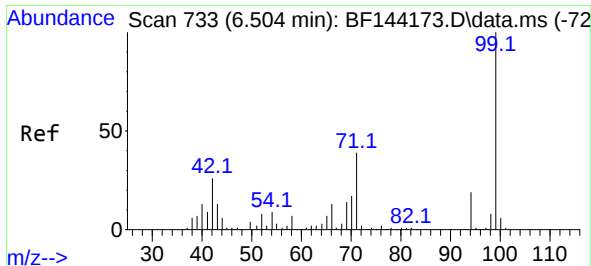
Tgt Ion:112 Resp: 190797
Ion Ratio Lower Upper
112 100
64 57.2 47.2 70.8
63 28.3 24.4 36.6



#6
Aniline
Concen: 14.837 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

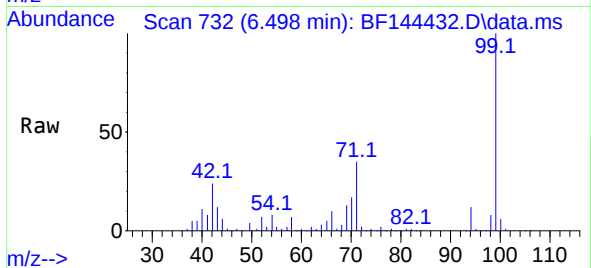
Tgt Ion: 93 Resp: 71753
Ion Ratio Lower Upper
93 100
66 64.5 34.3 51.5#
65 36.8 16.9 25.3#



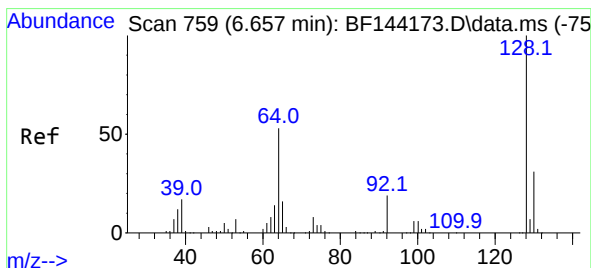
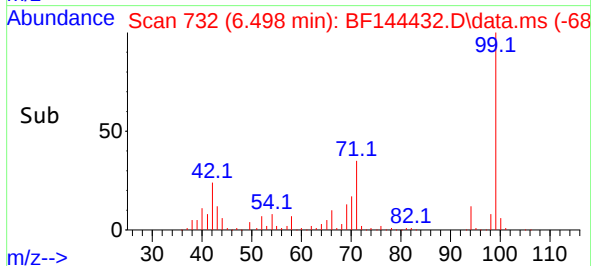
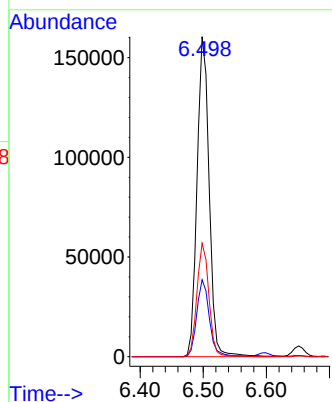


#7
Phenol-d6
Concen: 62.811 ng
RT: 6.498 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Instrument :
BNA_F
ClientSampleId :
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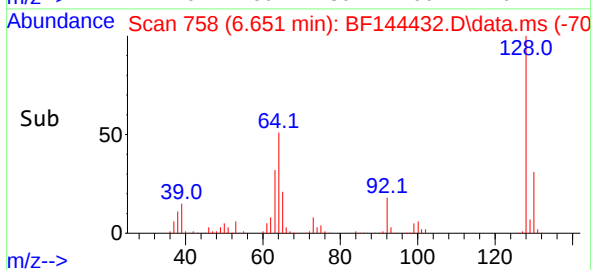
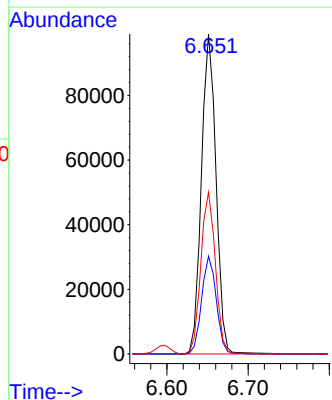
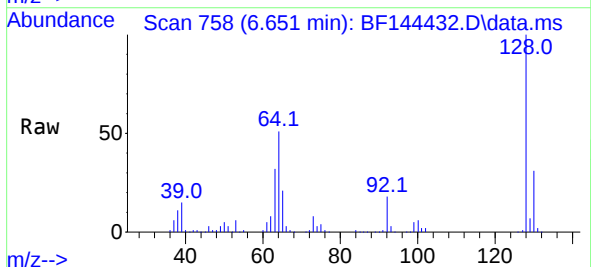


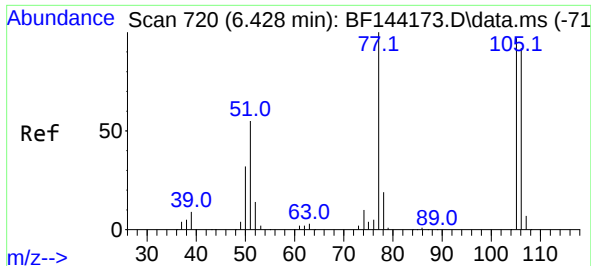
Tgt Ion: 99 Resp: 213195
Ion Ratio Lower Upper
99 100
42 24.0 20.9 31.3
71 35.4 31.4 47.2



#8
2-Chlorophenol
Concen: 42.126 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion: 128 Resp: 123754
Ion Ratio Lower Upper
128 100
130 30.6 10.5 50.5
64 50.6 33.2 73.2

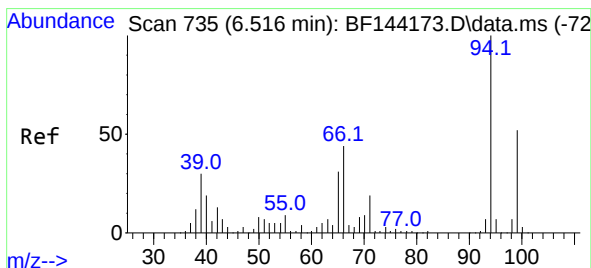
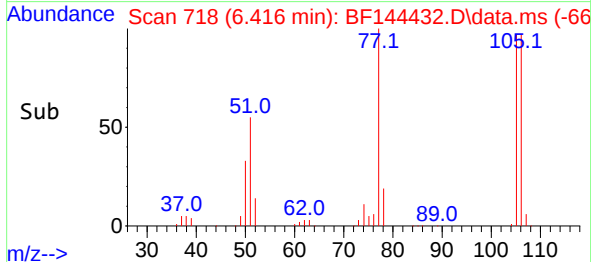
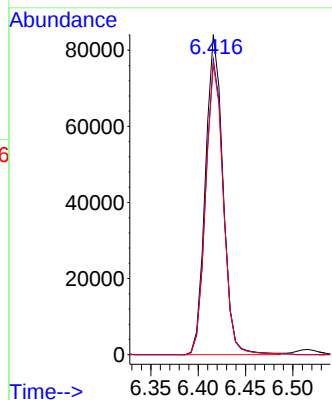
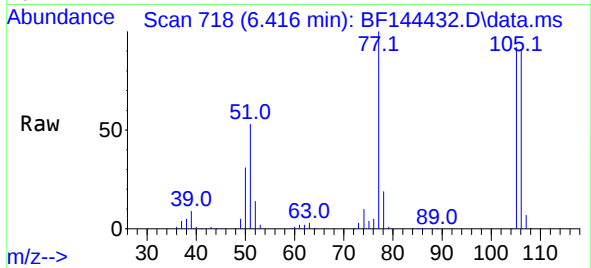




#9
Benzaldehyde
Concen: 56.258 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

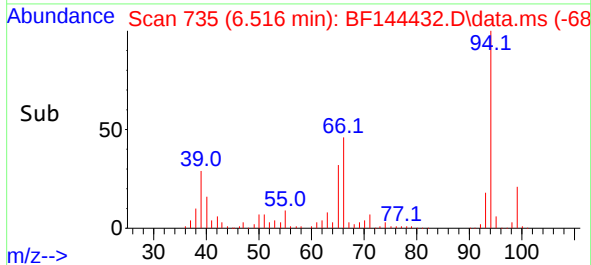
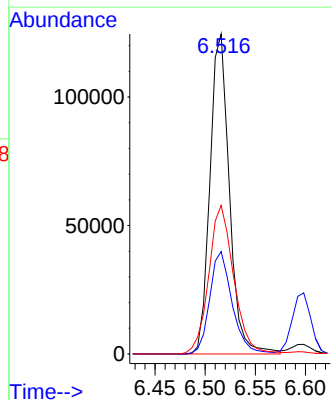
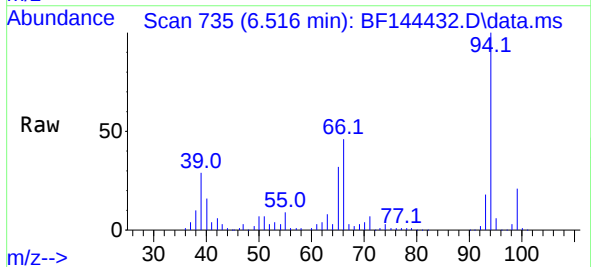
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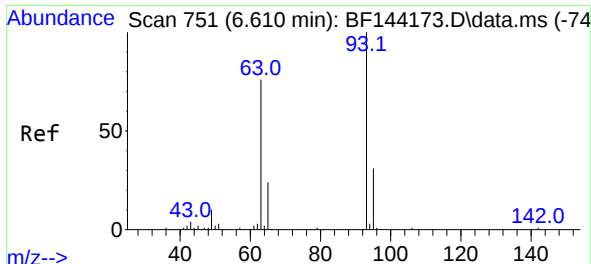
Tgt Ion: 77 Resp: 107827
Ion Ratio Lower Upper
77 100
105 92.2 77.2 117.2
106 90.7 72.2 112.2



#10
Phenol
Concen: 40.589 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion: 94 Resp: 168325
Ion Ratio Lower Upper
94 100
65 32.0 10.8 50.8
66 46.4 24.3 64.3

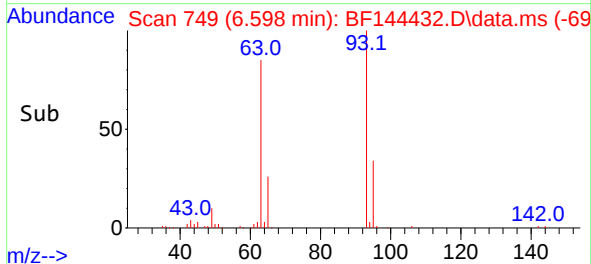
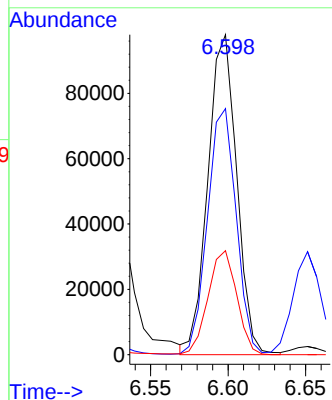
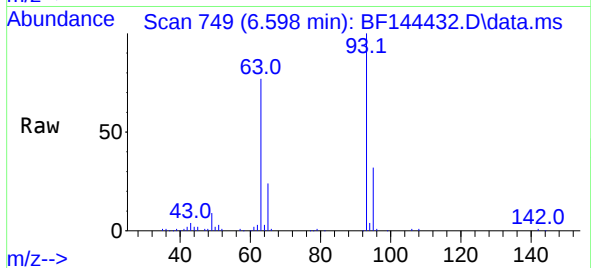




#11
bis(2-Chloroethyl)ether
Concen: 41.988 ng
RT: 6.598 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

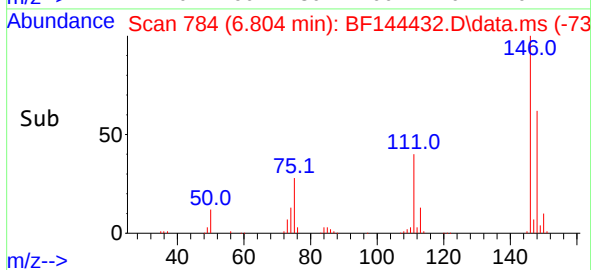
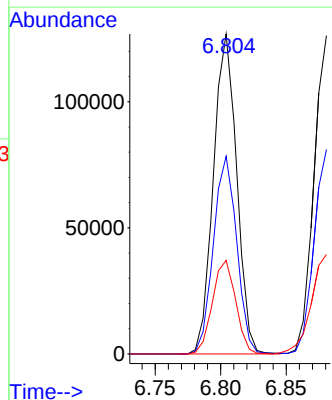
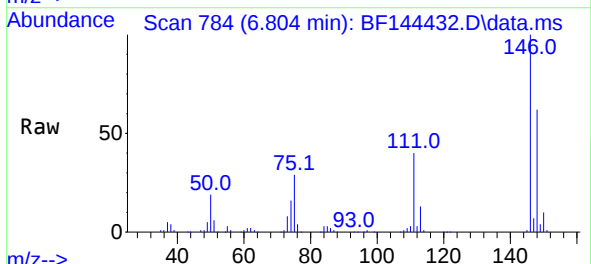
Instrument :
BNA_F
ClientSampleId :
346MSD

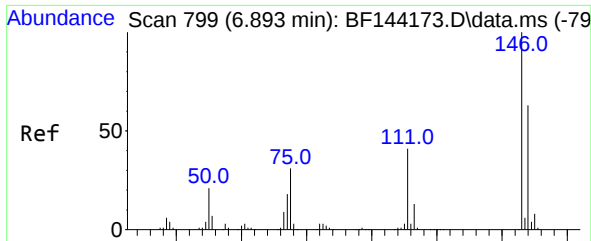
Tgt Ion: 93 Resp: 126878
Ion Ratio Lower Upper
93 100
63 76.9 55.2 95.2
95 32.5 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 43.191 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

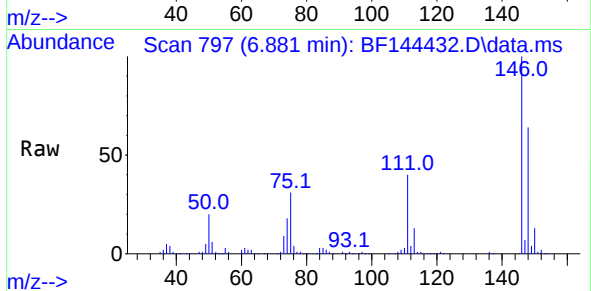
Tgt Ion:146 Resp: 156568
Ion Ratio Lower Upper
146 100
148 61.7 51.8 77.8
75 29.3 25.0 37.4



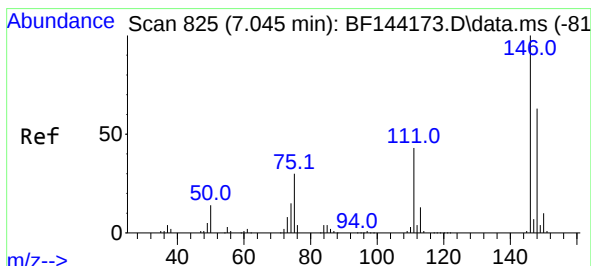
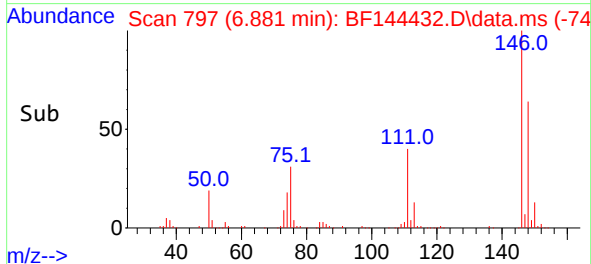
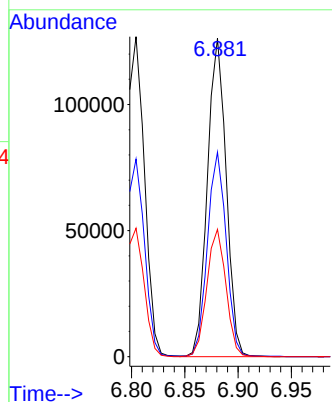


#13
1,4-Dichlorobenzene
Concen: 42.724 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Instrument :
BNA_F
ClientSampleId :
346MSD

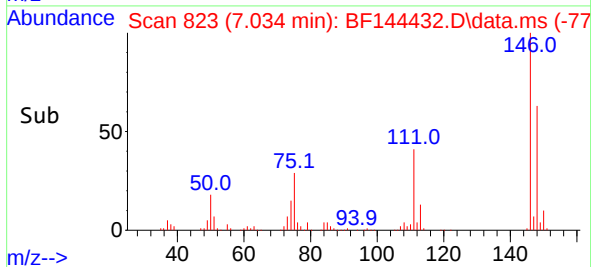
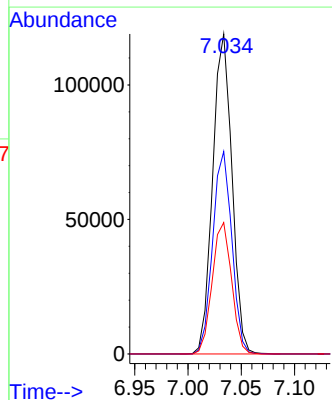
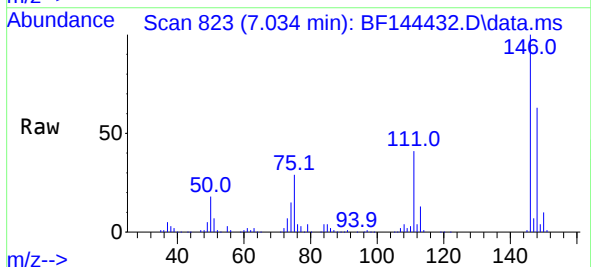


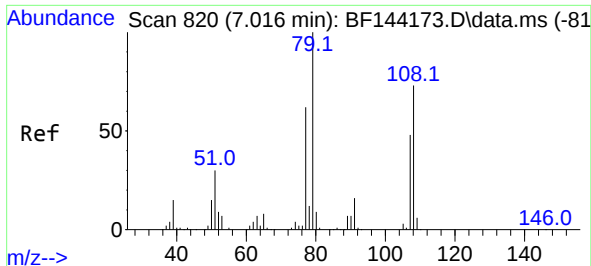
Tgt Ion:146 Resp: 155163
Ion Ratio Lower Upper
146 100
148 64.2 50.2 75.2
111 40.0 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 42.947 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:146 Resp: 149496
Ion Ratio Lower Upper
146 100
148 63.2 50.7 76.1
111 41.1 34.2 51.4

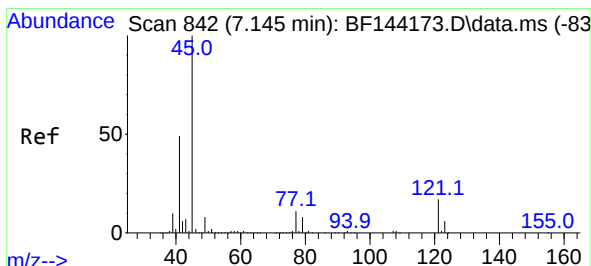
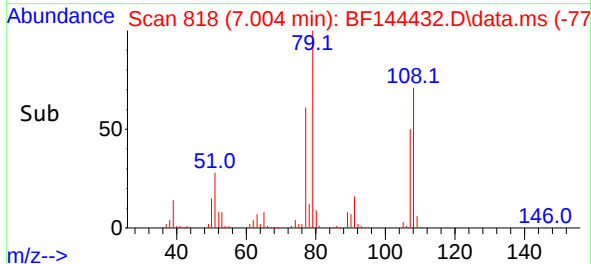
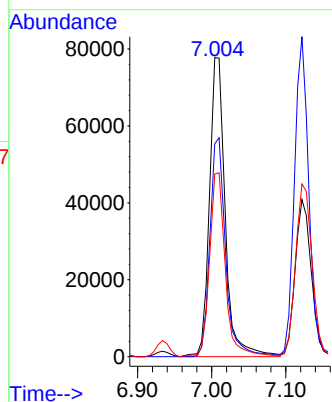
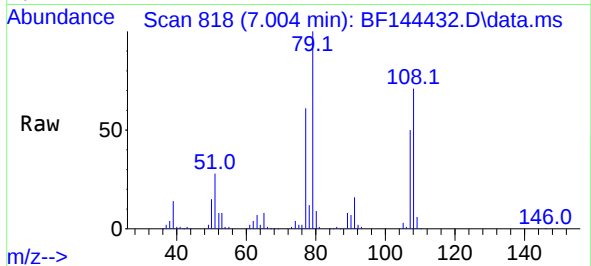




#15
Benzyl Alcohol
Concen: 42.804 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

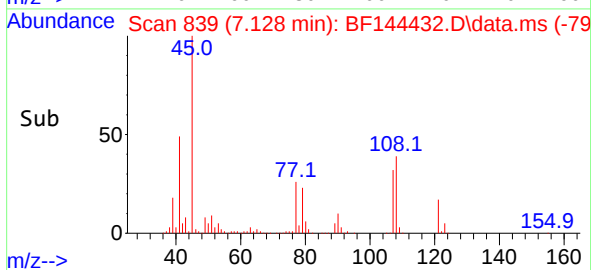
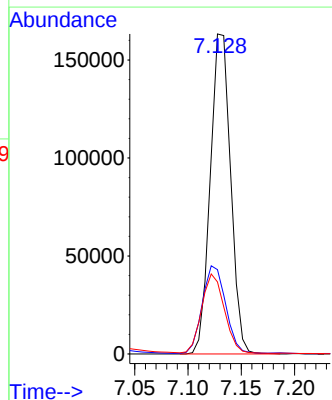
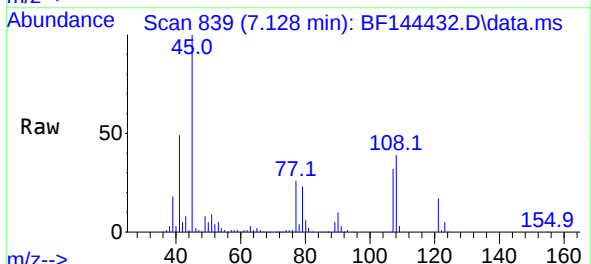
Instrument :
BNA_F
ClientSampleId :
346MSD

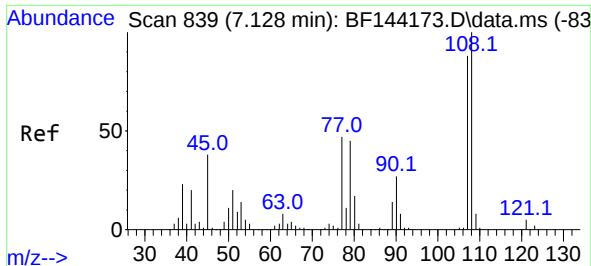
Tgt Ion: 79 Resp: 115044
Ion Ratio Lower Upper
79 100
108 71.2 58.2 87.4
77 61.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.099 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion: 45 Resp: 217571
Ion Ratio Lower Upper
45 100
77 26.4 0.0 31.8
79 22.5 0.0 29.1



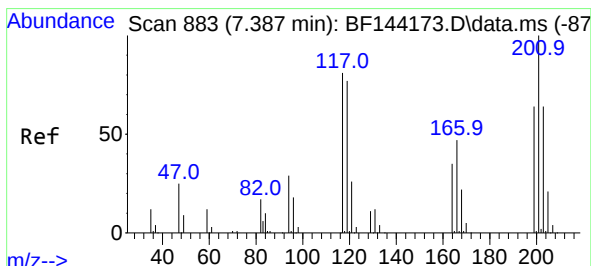
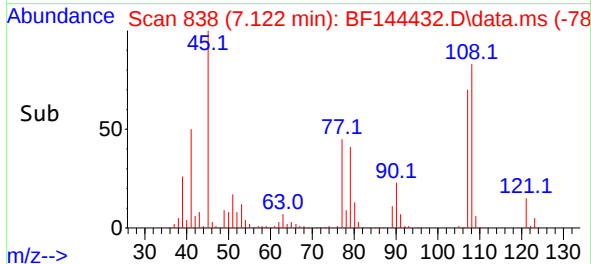
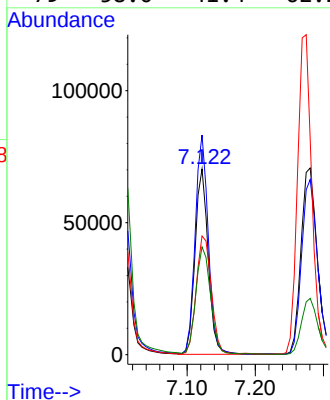
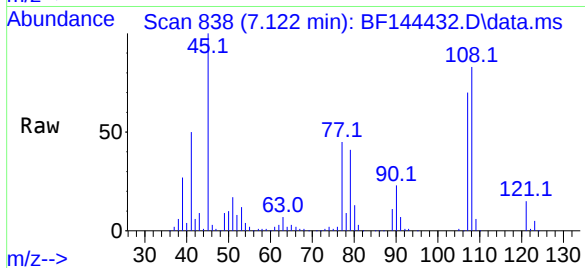


#17
2-Methylphenol
Concen: 40.440 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:107 Resp: 94510

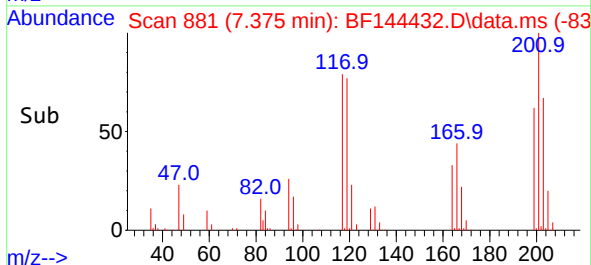
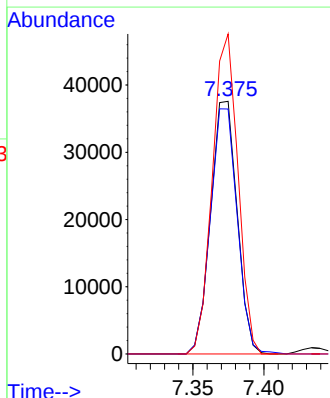
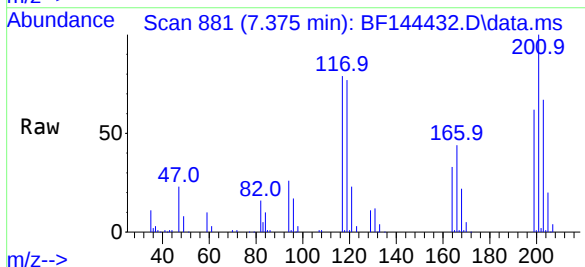
Ion	Ratio	Lower	Upper
107	100		
108	118.2	91.0	136.4
77	63.9	42.7	64.1
79	58.0	41.4	62.2



#18
Hexachloroethane
Concen: 40.326 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:117 Resp: 48656

Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.8
201	126.6	98.9	148.3

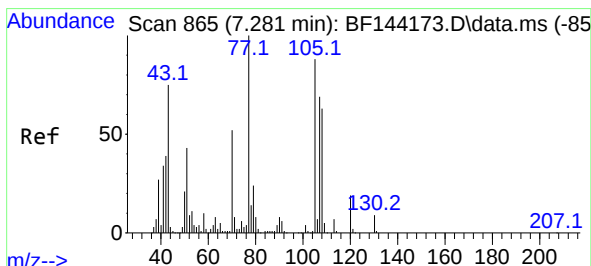
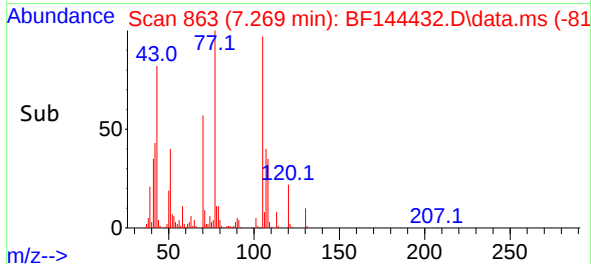
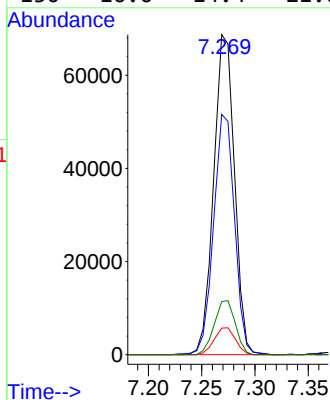
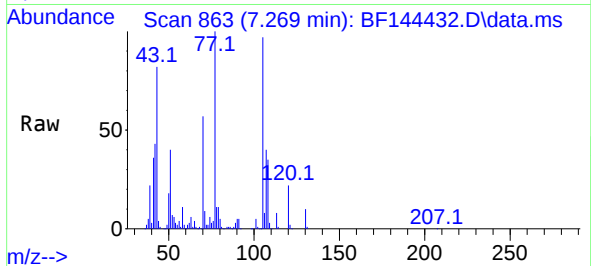




#19
n-Nitroso-di-n-propylamine
Concen: 41.812 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

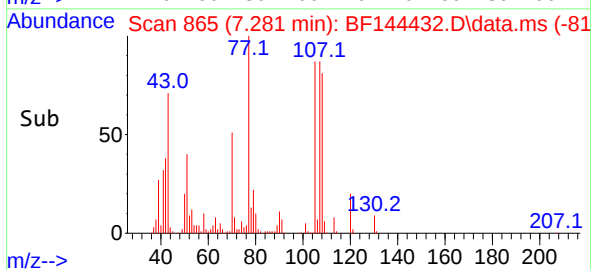
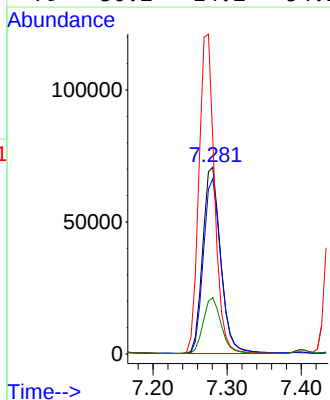
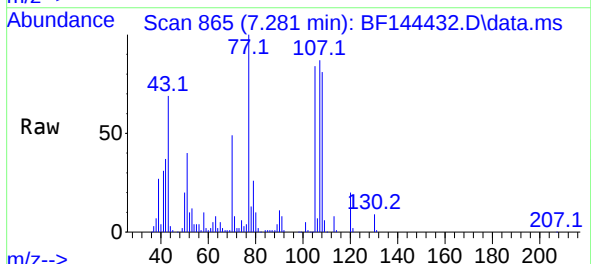
Instrument :
BNA_F
ClientSampleId :
346MSD

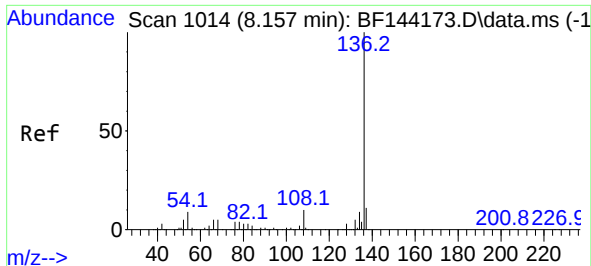
Tgt Ion: 70 Resp: 93427
Ion Ratio Lower Upper
70 100
42 75.1 58.3 87.5
101 8.3 7.0 10.6
130 16.6 14.4 21.6



#20
3+4-Methylphenols
Concen: 43.205 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion: 107 Resp: 119029
Ion Ratio Lower Upper
107 100
108 93.9 70.2 110.2
77 115.4 123.9 163.9#
79 30.2 14.2 54.2



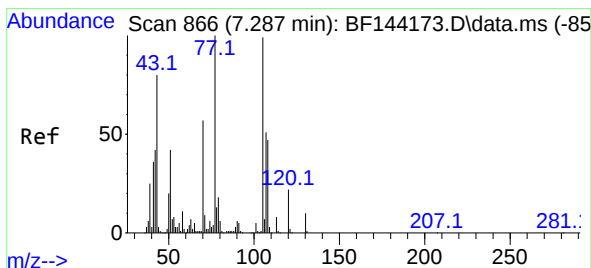
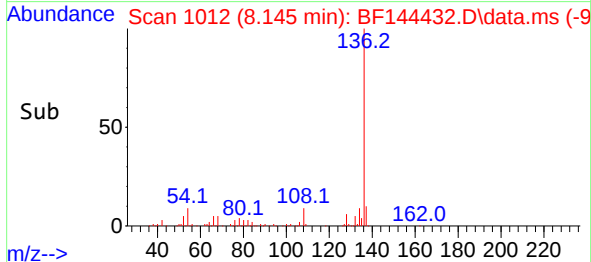
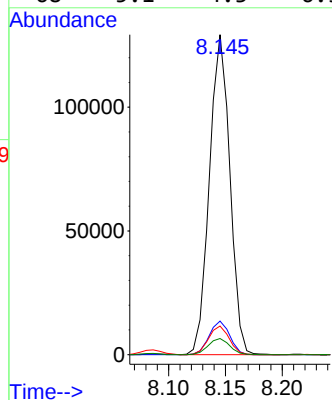
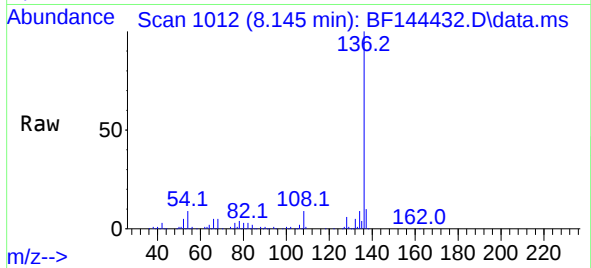


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:136 Resp: 162090

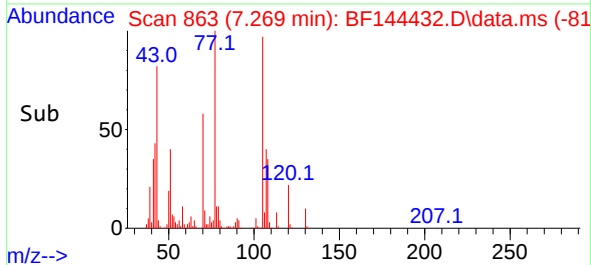
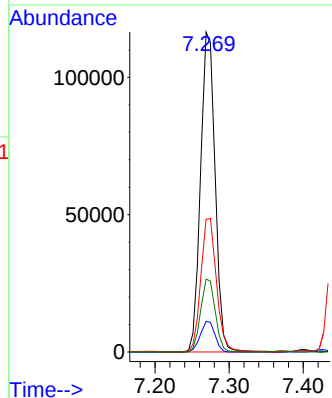
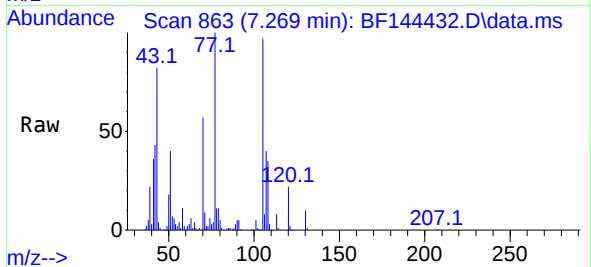
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	9.0	7.0	10.6
68	5.1	4.3	6.5

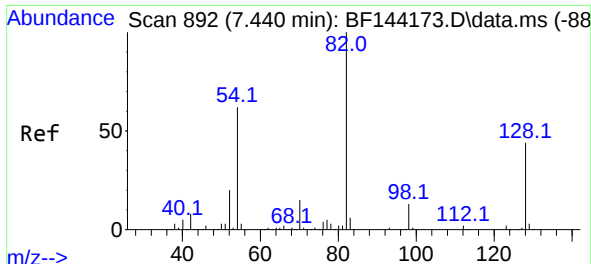


#22
Acetophenone
Concen: 45.804 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:105 Resp: 159270

Ion	Ratio	Lower	Upper
105	100		
71	9.5	7.2	10.8
51	41.5	34.0	51.0
120	22.8	17.8	26.6

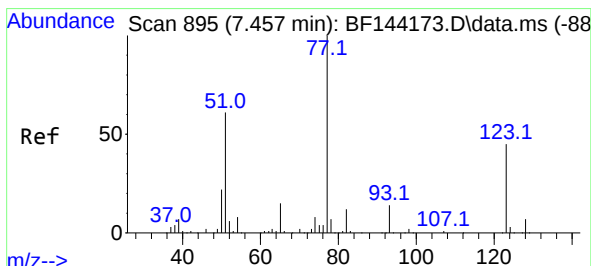
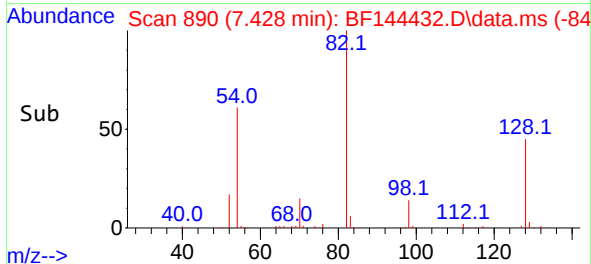
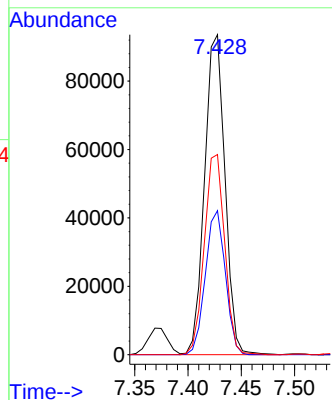
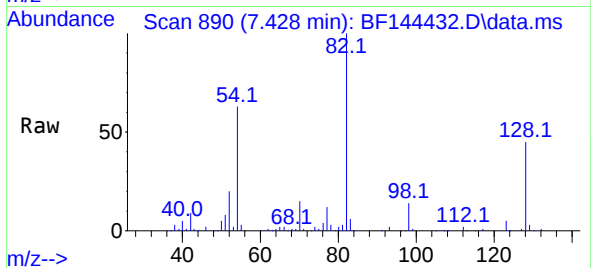




#23
Nitrobenzene-d5
Concen: 44.413 ng
RT: 7.428 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

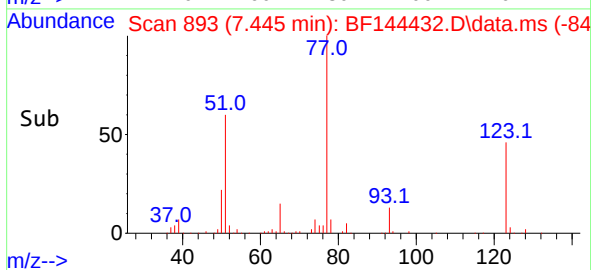
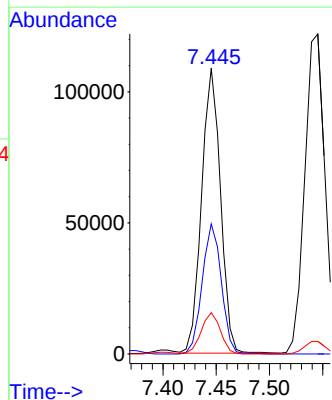
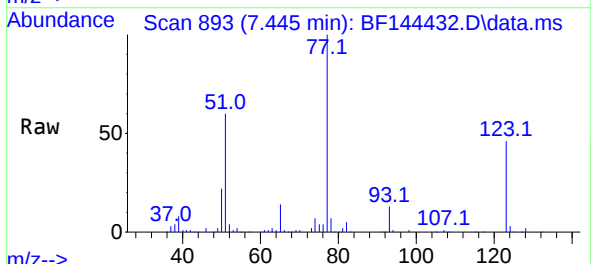
Instrument :
BNA_F
ClientSampleId :
346MSD

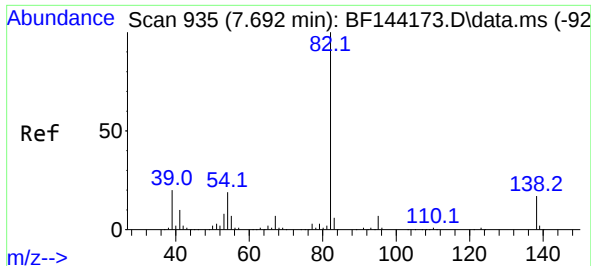
Tgt Ion: 82 Resp: 124646
Ion Ratio Lower Upper
82 100
128 45.0 34.7 52.1
54 62.6 49.5 74.3



#24
Nitrobenzene
Concen: 44.113 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion: 77 Resp: 134422
Ion Ratio Lower Upper
77 100
123 45.6 35.8 53.8
65 14.4 12.2 18.2

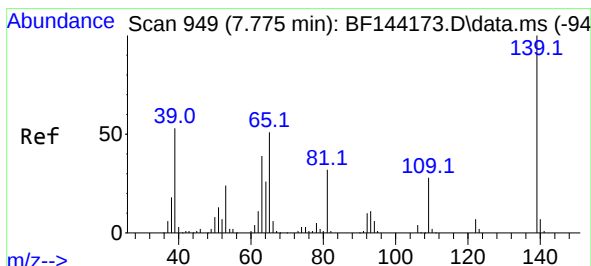
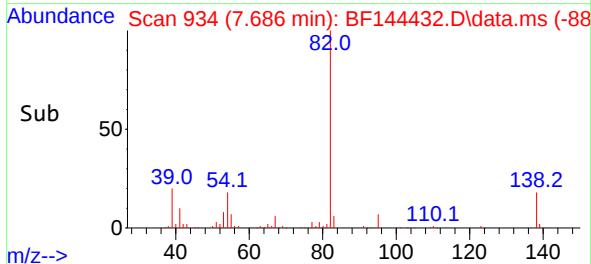
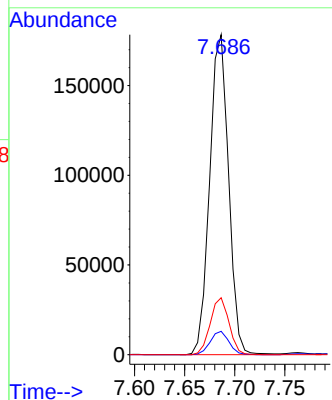
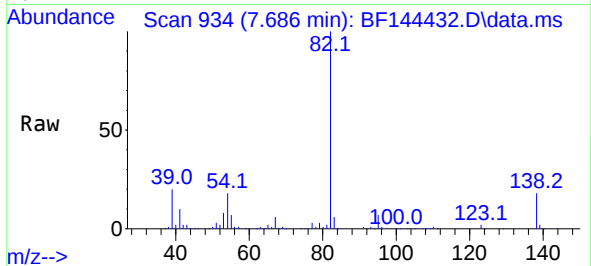




#25
Isophorone
Concen: 44.179 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

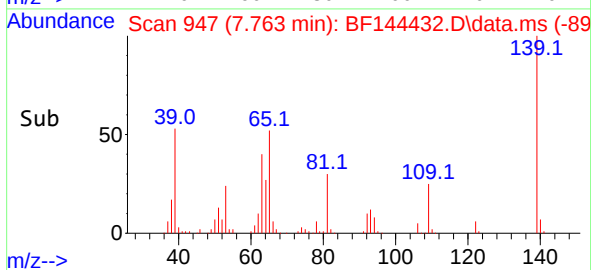
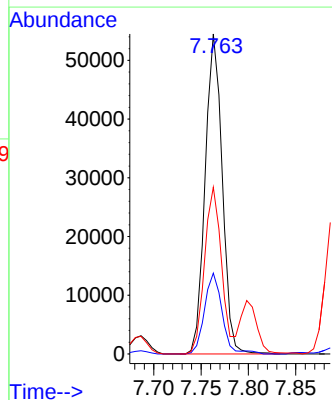
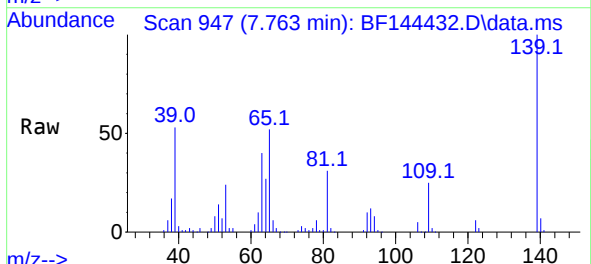
Instrument :
BNA_F
ClientSampleId :
346MSD

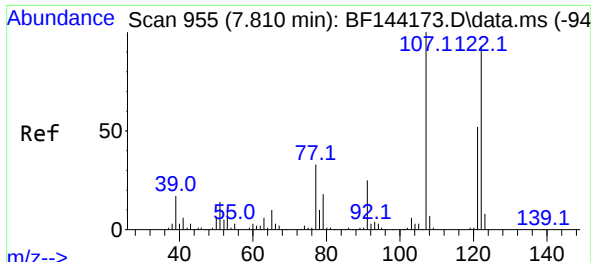
Tgt Ion: 82 Resp: 234528
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.8 13.7 20.5



#26
2-Nitrophenol
Concen: 45.475 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion: 139 Resp: 68595
Ion Ratio Lower Upper
139 100
109 25.2 22.2 33.2
65 52.1 40.7 61.1

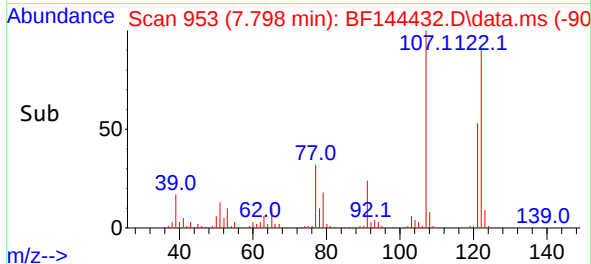
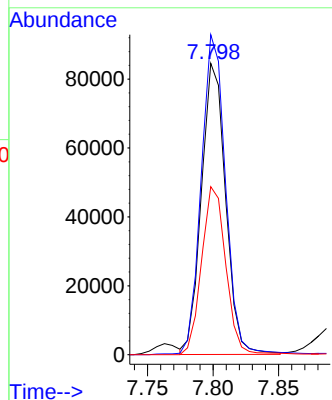
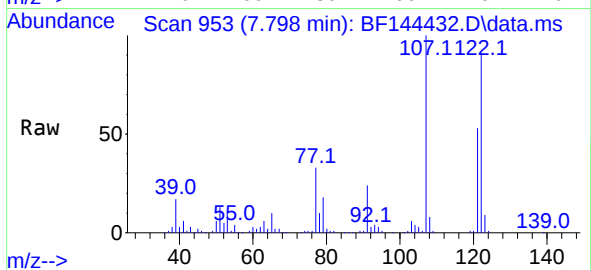




#27
2,4-Dimethylphenol
Concen: 48.177 ng
RT: 7.798 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

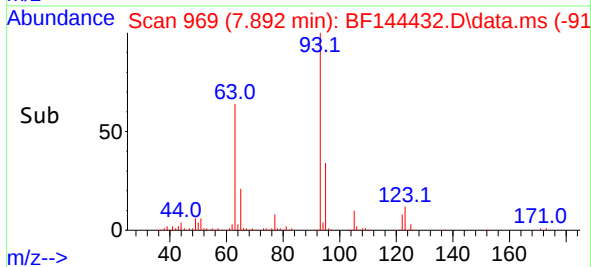
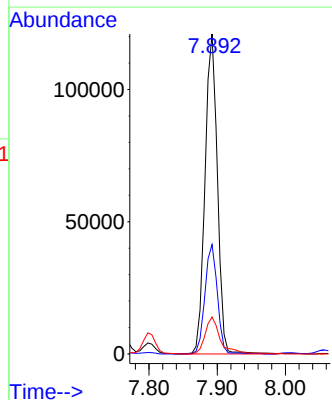
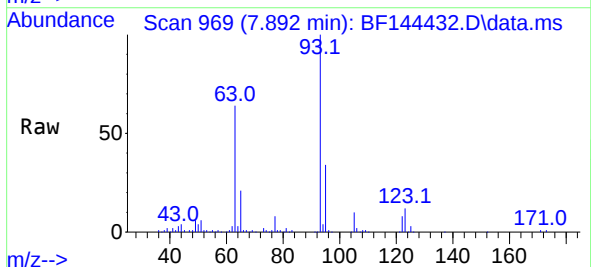
Instrument :
BNA_F
ClientSampleId :
346MSD

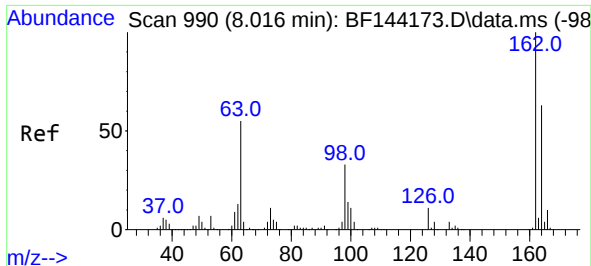
Tgt Ion:122 Resp: 108923
Ion Ratio Lower Upper
122 100
107 109.8 86.2 129.4
121 57.7 44.6 66.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.212 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion: 93 Resp: 153193
Ion Ratio Lower Upper
93 100
95 34.2 24.2 36.4
123 11.6 9.0 13.4

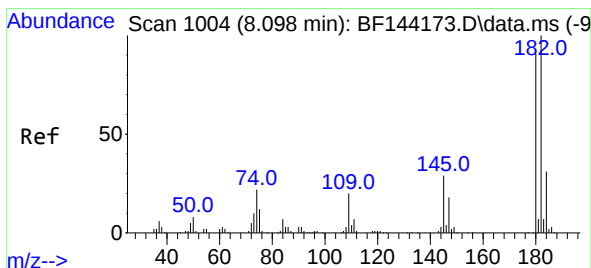
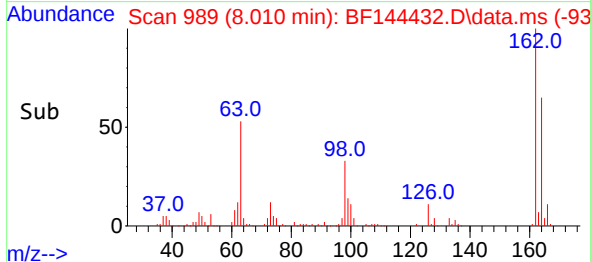
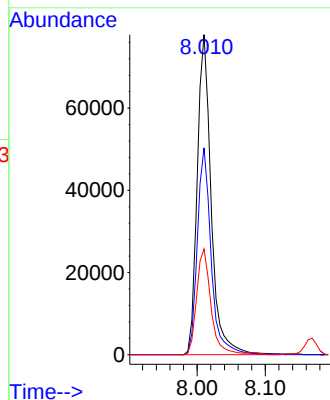
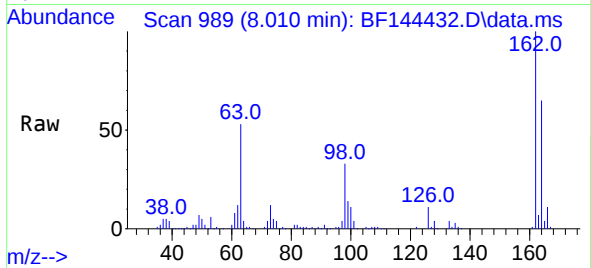




#29
2,4-Dichlorophenol
Concen: 42.381 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

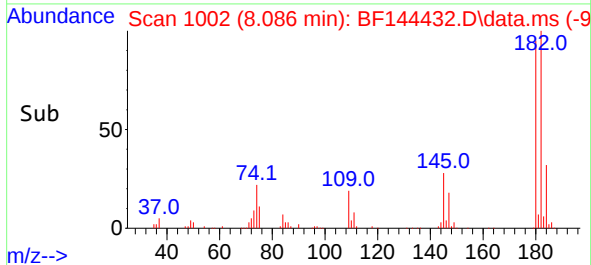
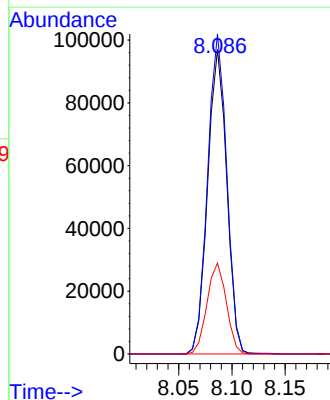
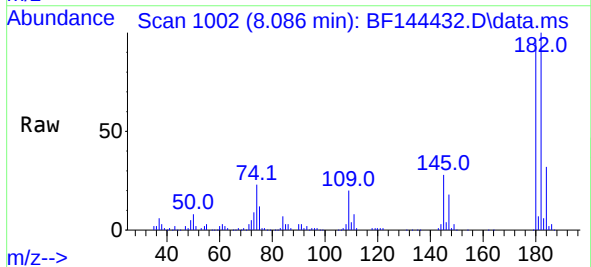
Instrument :
BNA_F
ClientSampleId :
346MSD

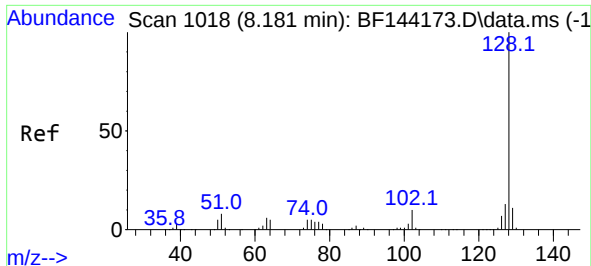
Tgt Ion:162 Resp: 110437
Ion Ratio Lower Upper
162 100
164 64.7 42.9 82.9
98 33.1 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 45.200 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

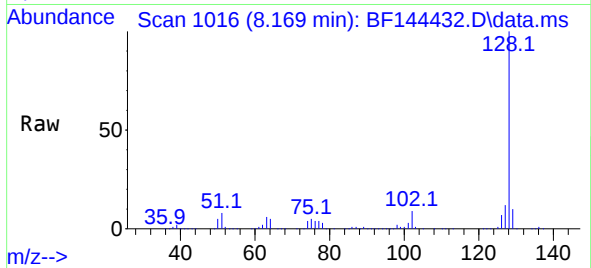
Tgt Ion:180 Resp: 120945
Ion Ratio Lower Upper
180 100
182 105.1 87.7 131.5
145 29.9 25.4 38.0



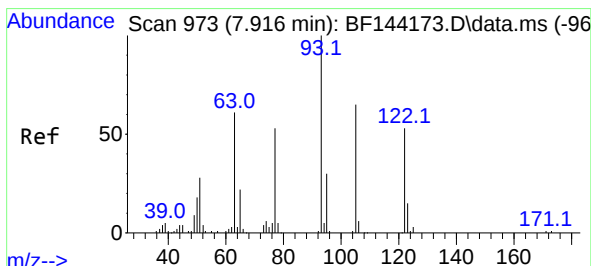
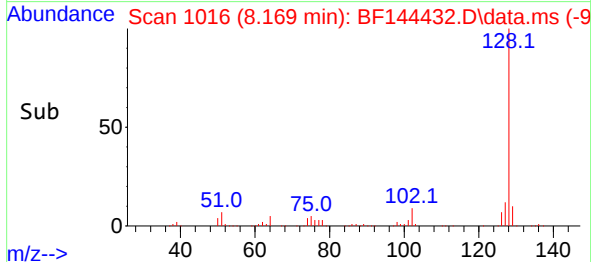
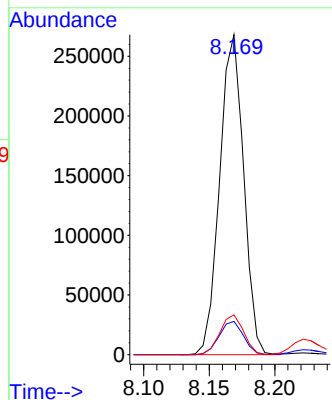


#31
Naphthalene
Concen: 44.094 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Instrument :
BNA_F
ClientSampleId :
346MSD

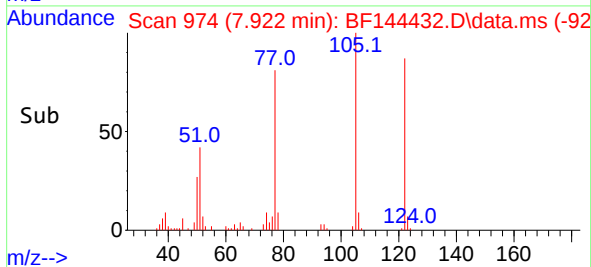
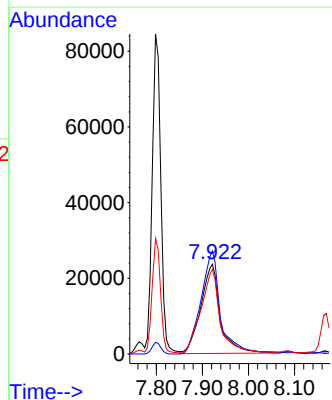
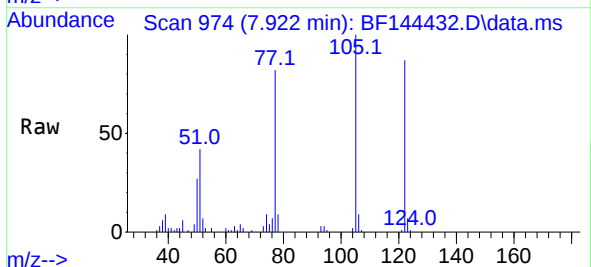


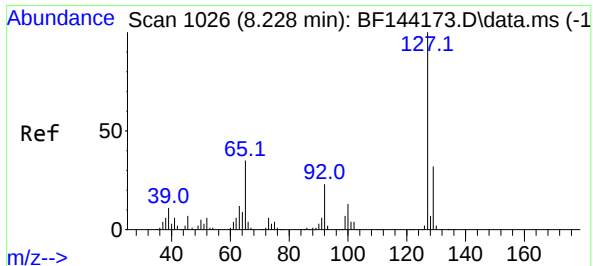
Tgt Ion:128 Resp: 339987
Ion Ratio Lower Upper
128 100
129 10.4 8.9 13.3
127 12.5 10.3 15.5



#32
Benzoic acid
Concen: 41.908 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.029 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:122 Resp: 69452
Ion Ratio Lower Upper
122 100
105 114.8 99.9 139.9
77 94.2 77.5 117.5

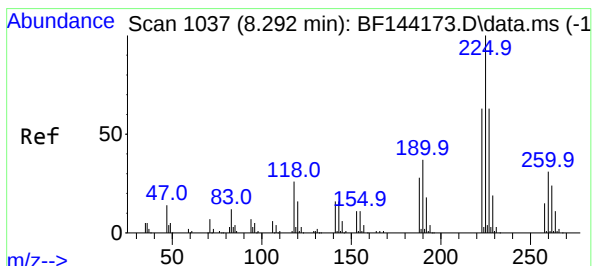
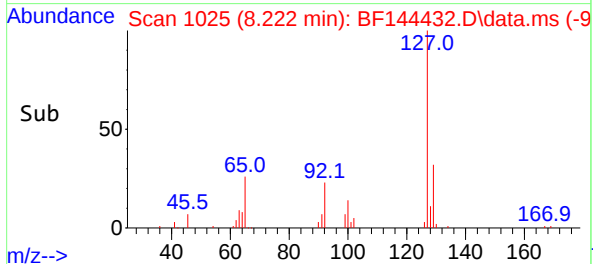
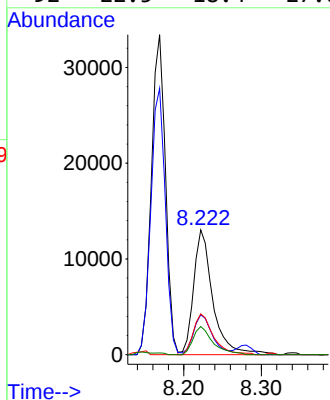
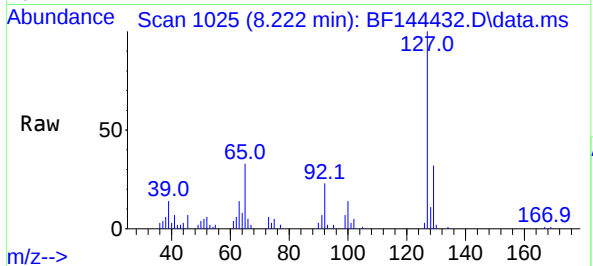




#33
4-Chloroaniline
Concen: 7.993 ng
RT: 8.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

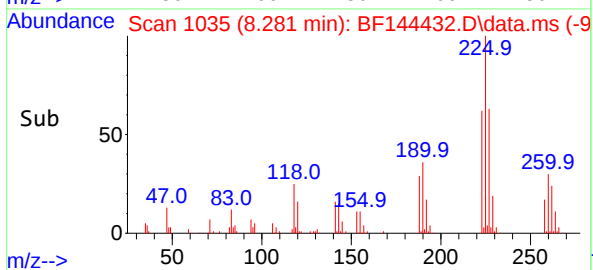
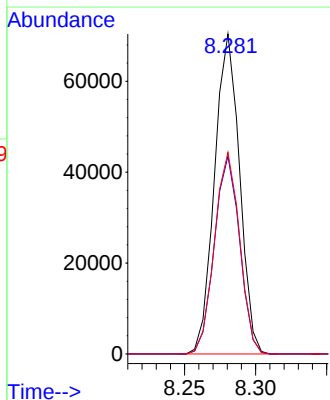
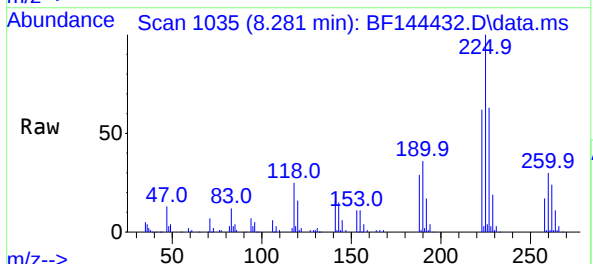
Instrument :
BNA_F
ClientSampleId :
346MSD

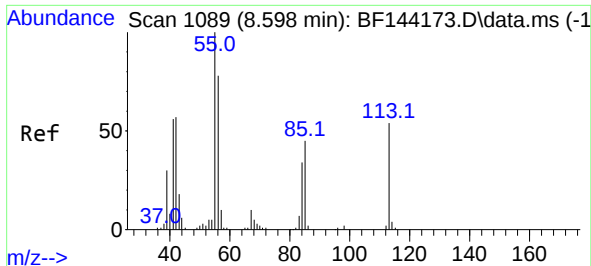
Tgt Ion:	127	Resp:	22477
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.3	37.9
65	32.8	27.6	41.4
92	22.5	18.4	27.6



#34
Hexachlorobutadiene
Concen: 42.716 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:	225	Resp:	86140
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.2	75.4
227	63.0	50.1	75.1

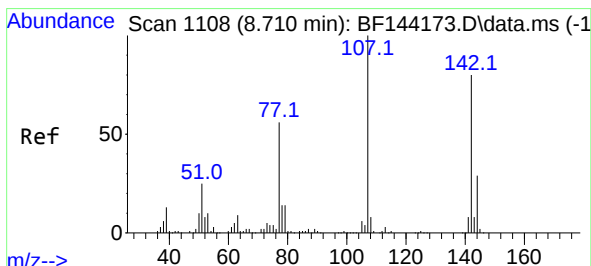
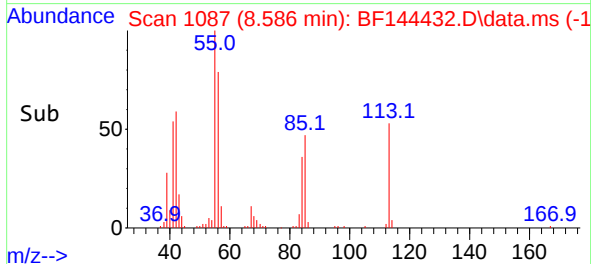
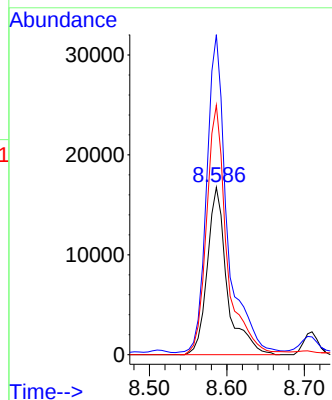
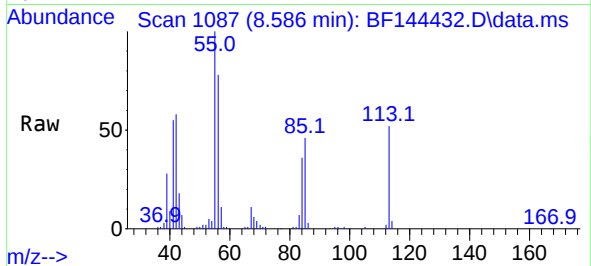




#35
 Caprolactam
 Concen: 41.752 ng
 RT: 8.586 min Scan# 1089
 Delta R.T. -0.035 min
 Lab File: BF144432.D
 Acq: 04 Dec 2025 16:08

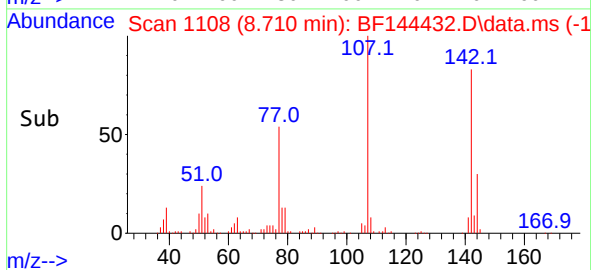
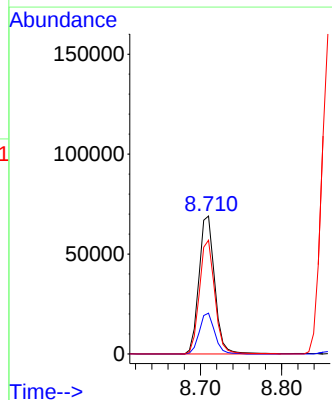
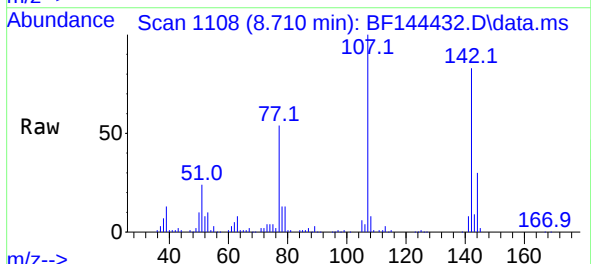
Instrument :
 BNA_F
 ClientSampleId :
 346MSD

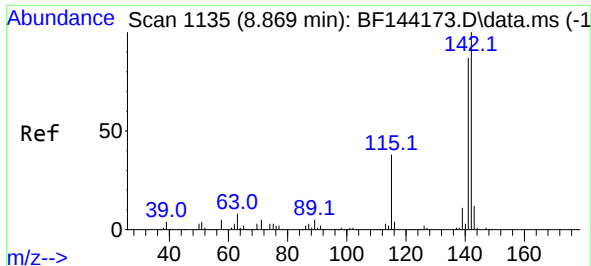
Tgt Ion:113 Resp: 29807
 Ion Ratio Lower Upper
 113 100
 55 191.1 166.8 206.8
 56 149.0 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 39.948 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF144432.D
 Acq: 04 Dec 2025 16:08

Tgt Ion:107 Resp: 93292
 Ion Ratio Lower Upper
 107 100
 144 29.6 23.3 34.9
 142 82.6 63.8 95.6





#37

2-Methylnaphthalene

Concen: 39.734 ng

RT: 8.857 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BF144432.D

Acq: 04 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

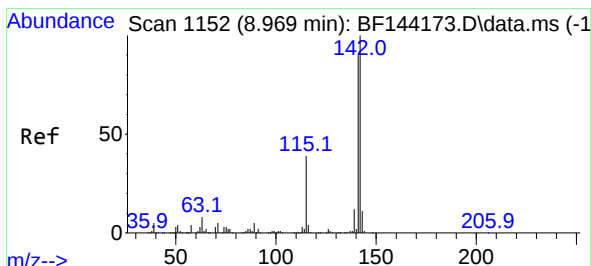
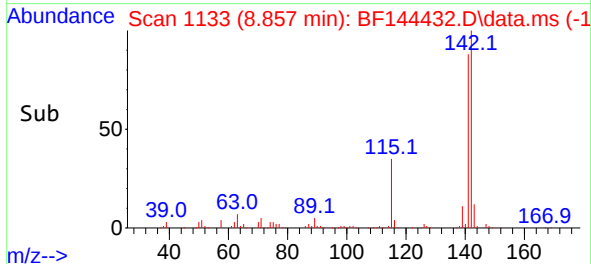
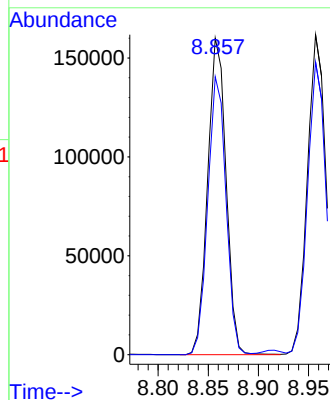
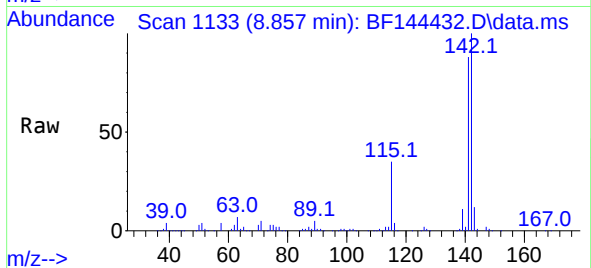
346MSD

Tgt Ion:142 Resp: 204836

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 41.261 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144432.D

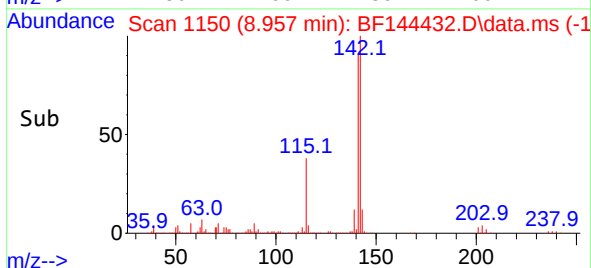
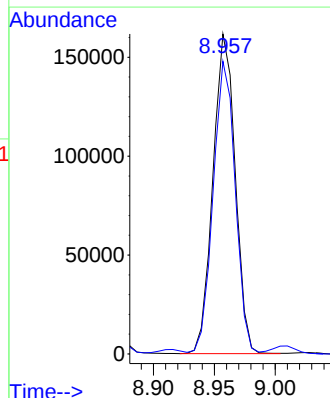
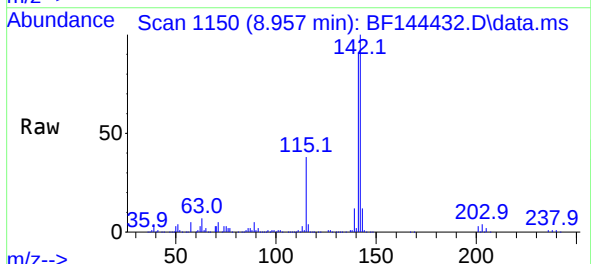
Acq: 04 Dec 2025 16:08

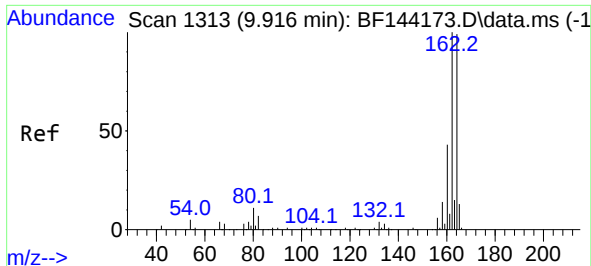
Tgt Ion:142 Resp: 205237

Ion Ratio Lower Upper

142 100

141 91.5 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144432.D

Acq: 04 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

346MSD

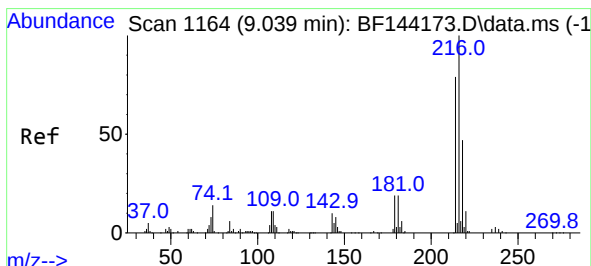
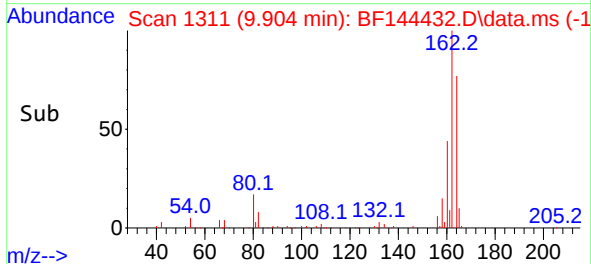
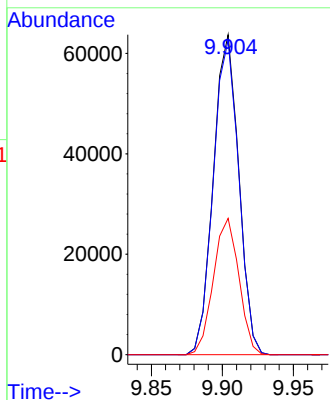
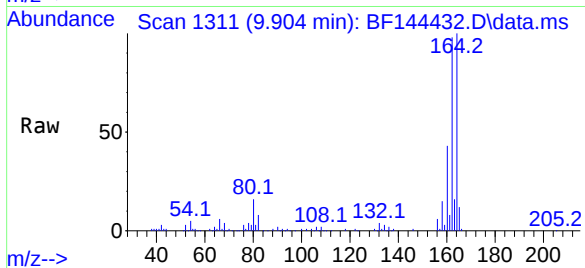
Tgt Ion:164 Resp: 79200

Ion Ratio Lower Upper

164 100

162 98.2 81.1 121.7

160 42.6 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.758 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144432.D

Acq: 04 Dec 2025 16:08

Tgt Ion:216 Resp: 121366

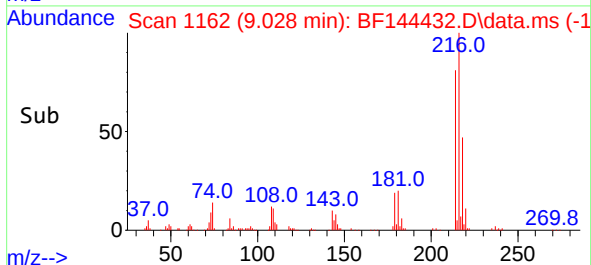
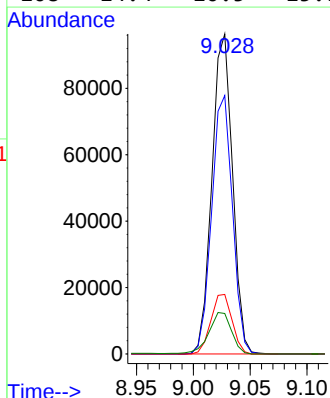
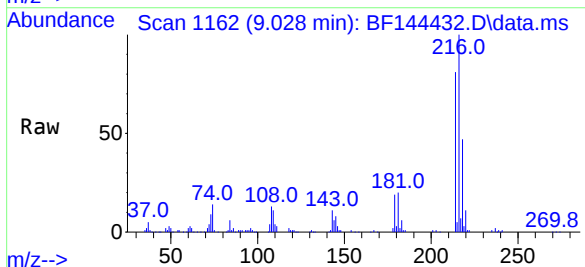
Ion Ratio Lower Upper

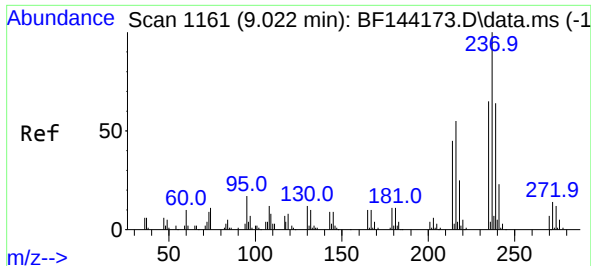
216 100

214 81.7 63.4 95.2

179 19.1 15.0 22.4

108 14.4 10.5 15.7

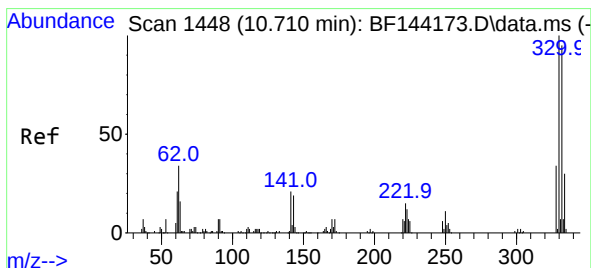
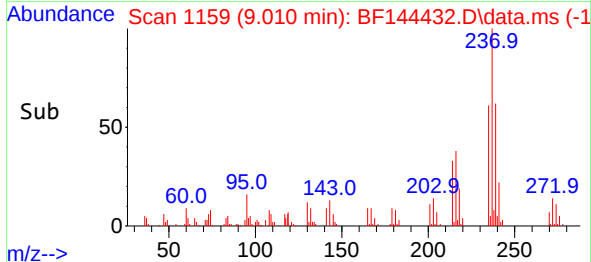
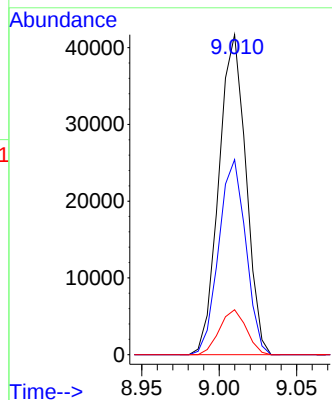
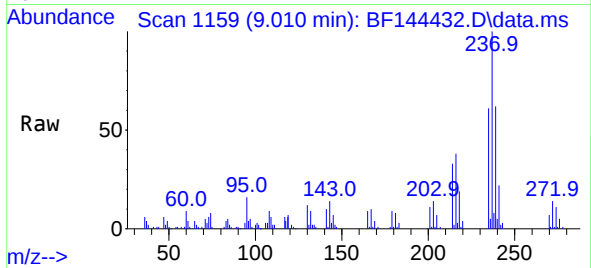




#41
Hexachlorocyclopentadiene
Concen: 56.789 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.018 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

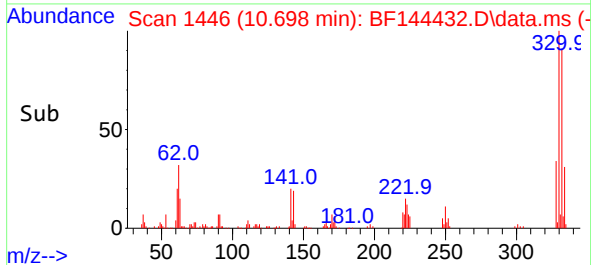
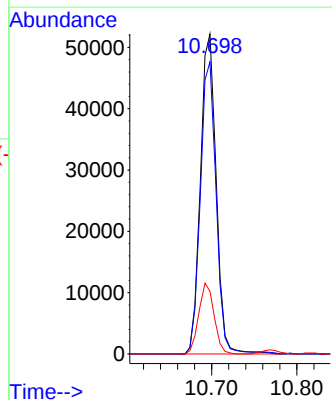
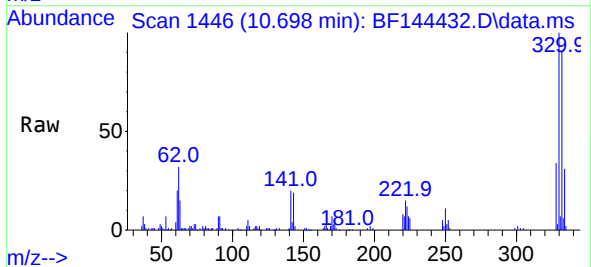
Instrument :
BNA_F
ClientSampleId :
346MSD

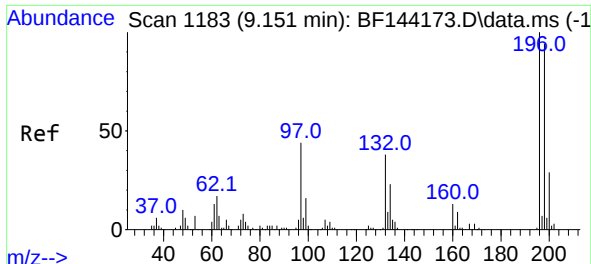
Tgt Ion:237 Resp: 50631
Ion Ratio Lower Upper
237 100
235 60.9 45.5 85.5
272 14.0 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 67.364 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:330 Resp: 66951
Ion Ratio Lower Upper
330 100
332 90.9 76.7 115.1
141 21.5 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 44.533 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144432.D

Acq: 04 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

346MSD

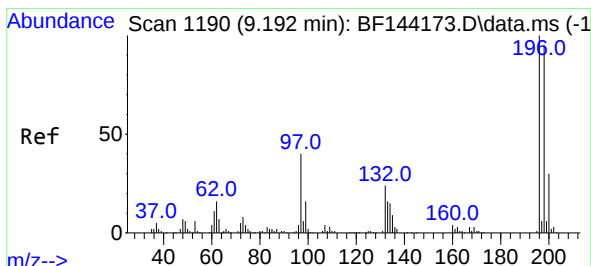
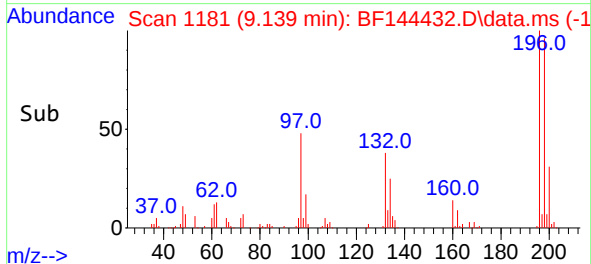
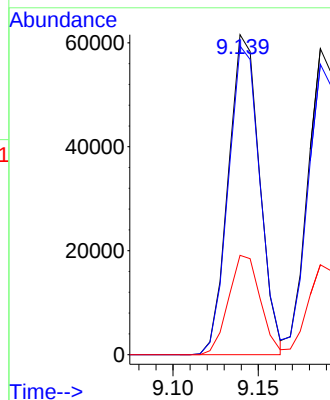
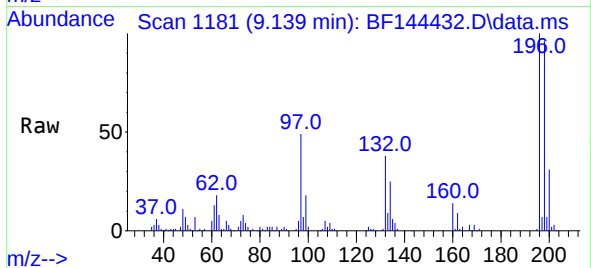
Tgt Ion:196 Resp: 78673

Ion Ratio Lower Upper

196 100

198 96.5 75.3 112.9

200 31.0 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 42.803 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144432.D

Acq: 04 Dec 2025 16:08

Tgt Ion:196 Resp: 81499

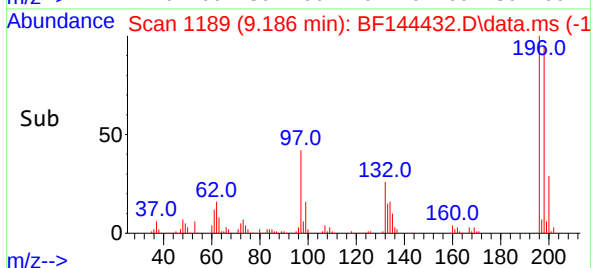
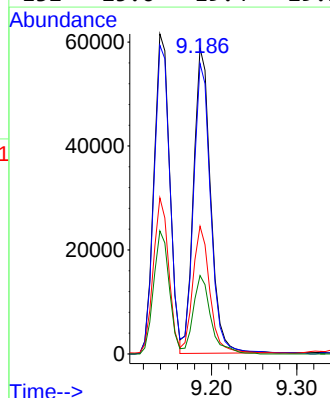
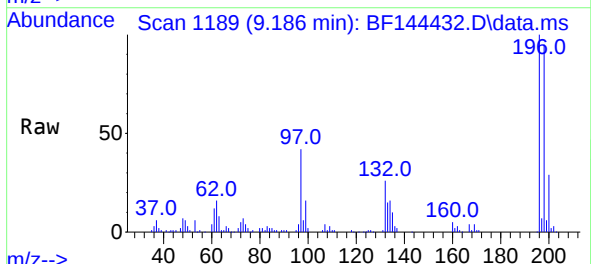
Ion Ratio Lower Upper

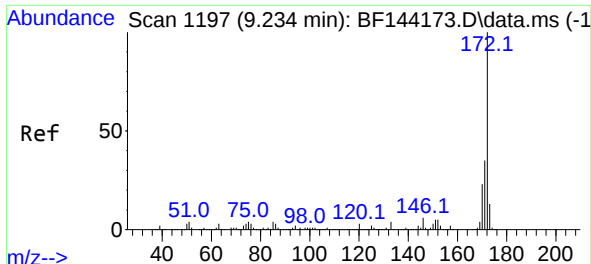
196 100

198 94.9 76.1 114.1

97 41.7 31.9 47.9

132 25.6 19.4 29.2

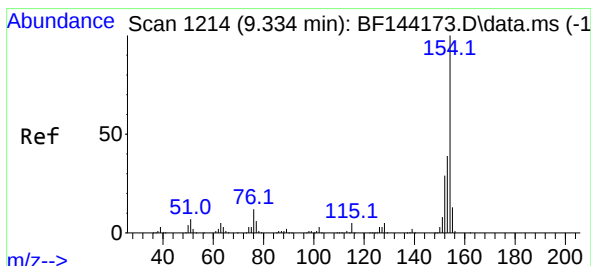
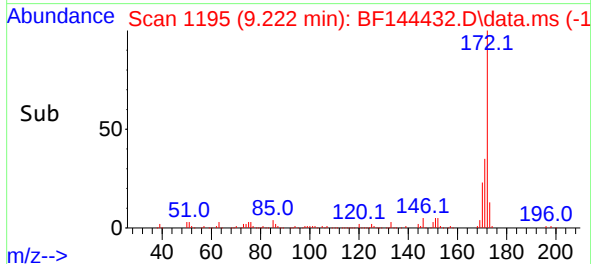
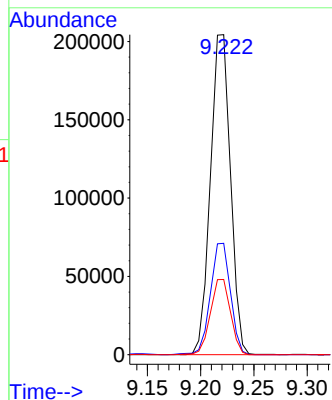
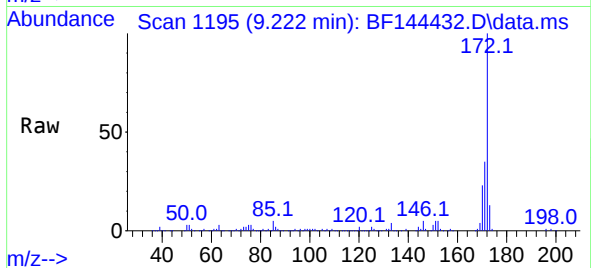




#45
2-Fluorobiphenyl
Concen: 50.048 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

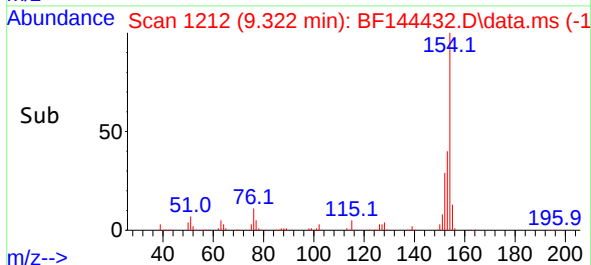
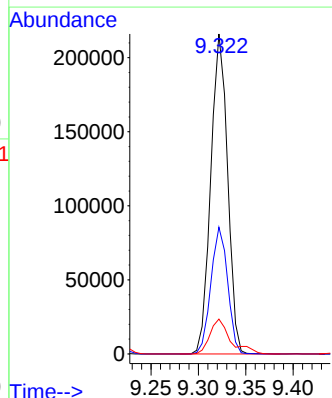
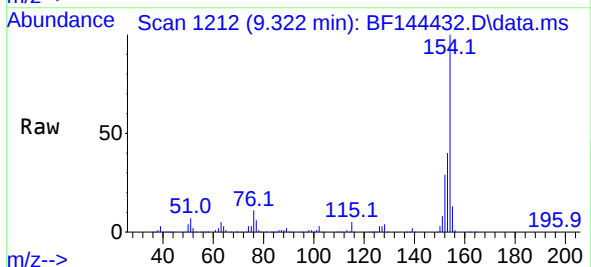
Instrument :
BNA_F
ClientSampleId :
346MSD

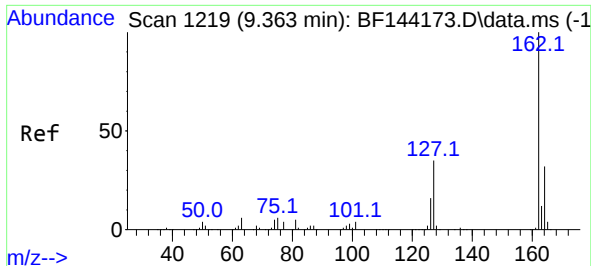
Tgt Ion:172 Resp: 268382
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 48.067 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:154 Resp: 265735
Ion Ratio Lower Upper
154 100
153 39.6 19.2 59.2
76 10.9 0.0 31.8

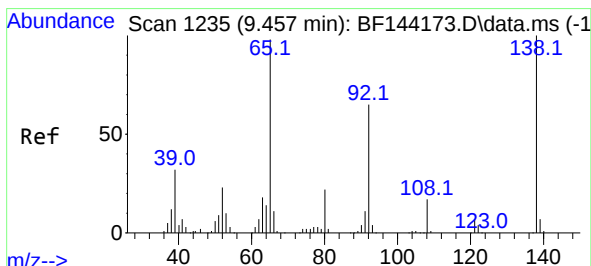
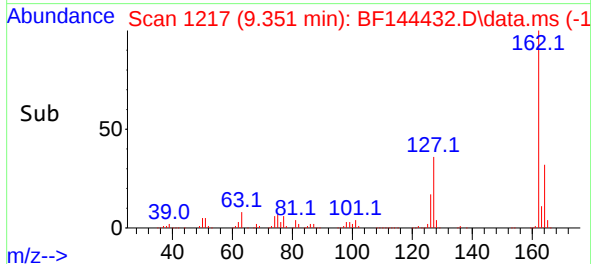
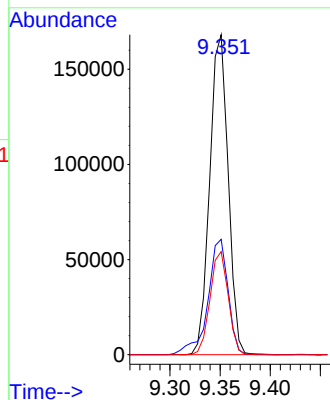
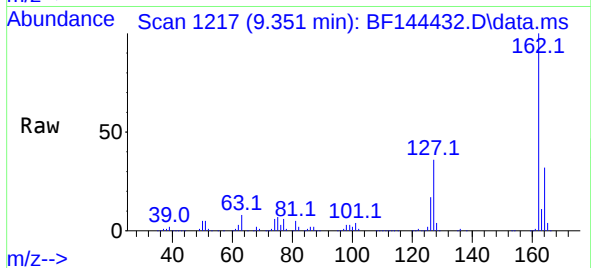




#47
2-Chloronaphthalene
Concen: 45.662 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

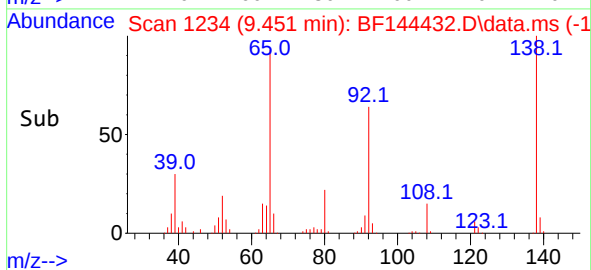
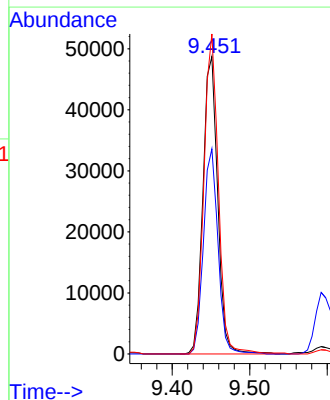
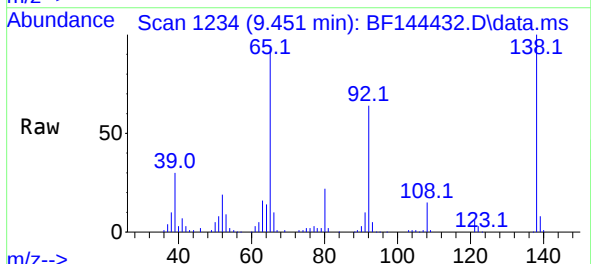
Instrument :
BNA_F
ClientSampleId :
346MSD

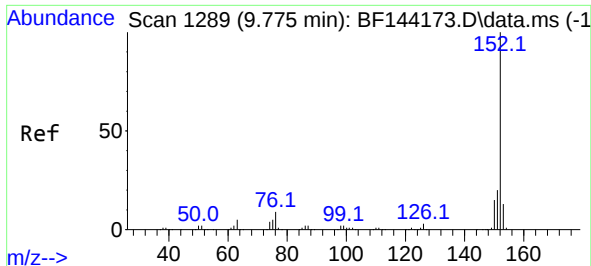
Tgt Ion:162 Resp: 215330
Ion Ratio Lower Upper
162 100
127 36.1 28.8 43.2
164 32.2 25.8 38.8



#48
2-Nitroaniline
Concen: 47.167 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion: 65 Resp: 64179
Ion Ratio Lower Upper
65 100
92 69.0 53.0 79.6
138 107.6 81.6 122.4

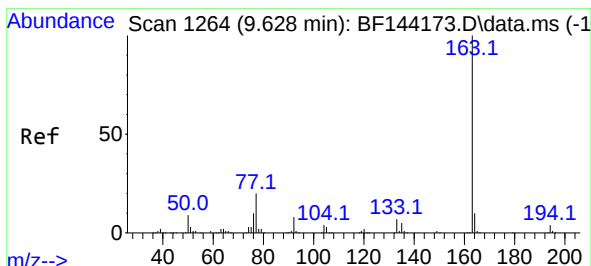
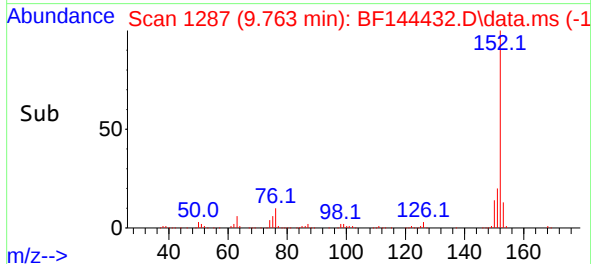
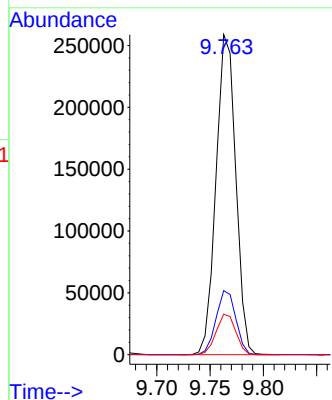
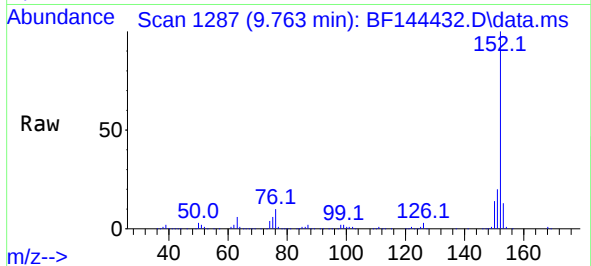




#49
Acenaphthylene
Concen: 51.785 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

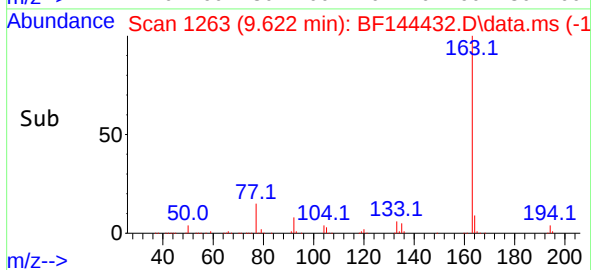
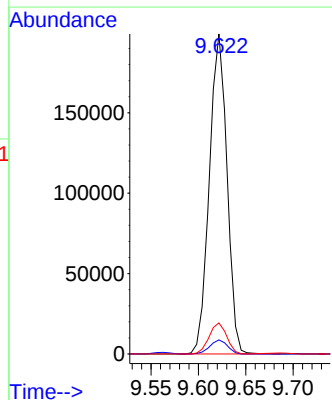
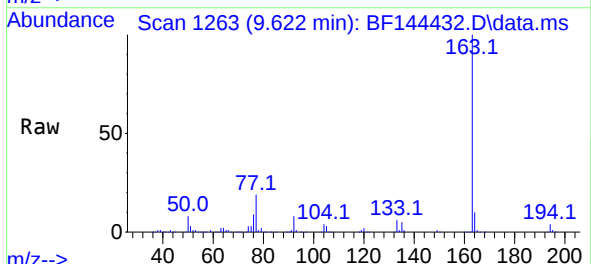
Instrument :
BNA_F
ClientSampleId :
346MSD

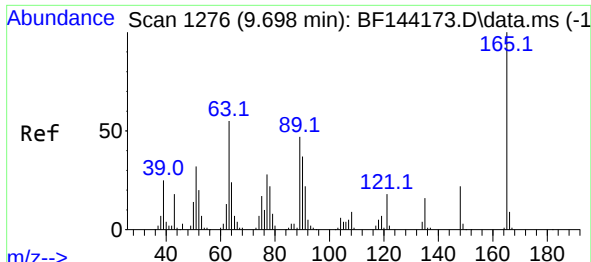
Tgt Ion:152 Resp: 332789
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.6 10.5 15.7



#50
Dimethylphthalate
Concen: 49.096 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

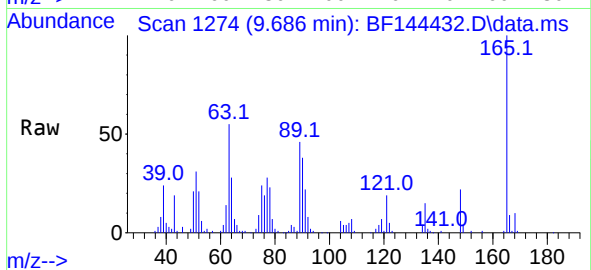
Tgt Ion:163 Resp: 257600
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.7 8.1 12.1



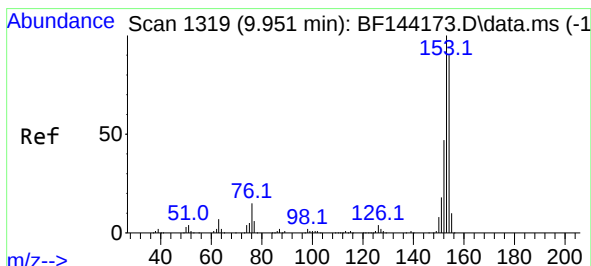
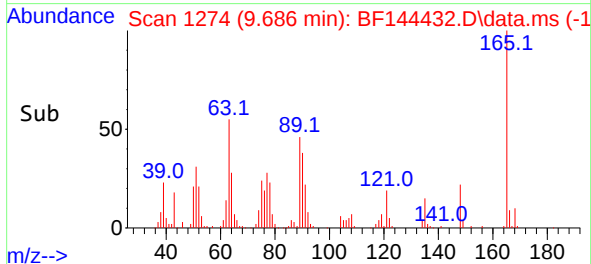
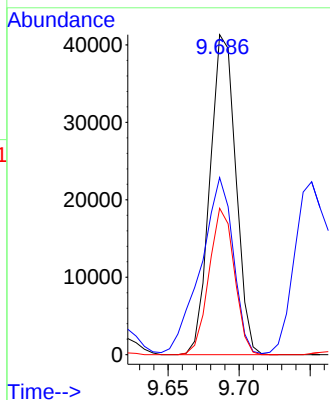


#51
2,6-Dinitrotoluene
Concen: 49.211 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Instrument :
BNA_F
ClientSampleId :
346MSD

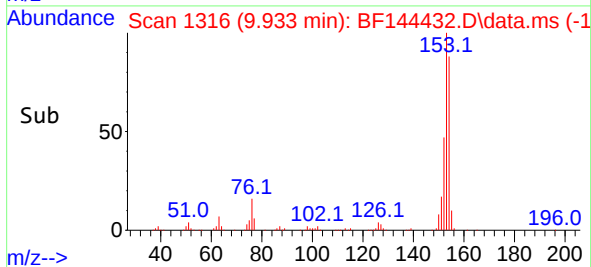
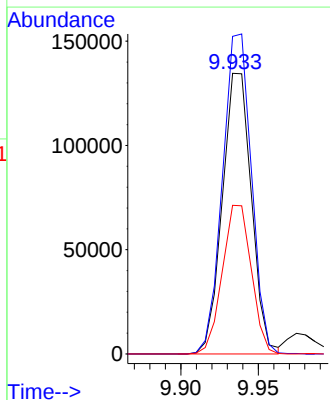
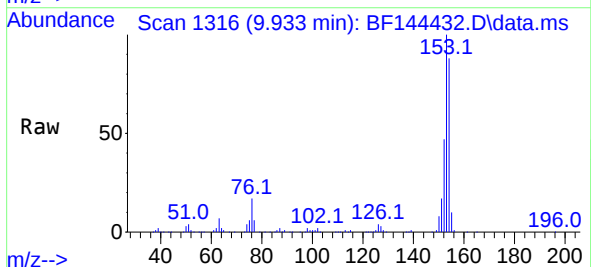


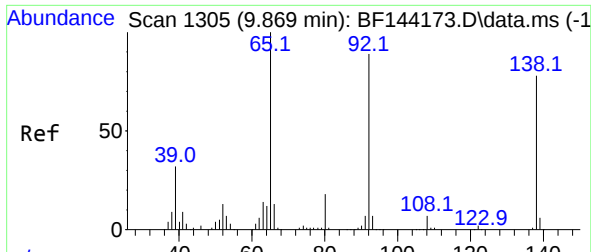
Tgt Ion:165 Resp: 52269
Ion Ratio Lower Upper
165 100
63 55.4 43.8 65.8
89 45.7 37.5 56.3



#52
Acenaphthene
Concen: 40.910 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:154 Resp: 175807
Ion Ratio Lower Upper
154 100
153 113.2 89.0 133.4
152 53.0 42.2 63.4

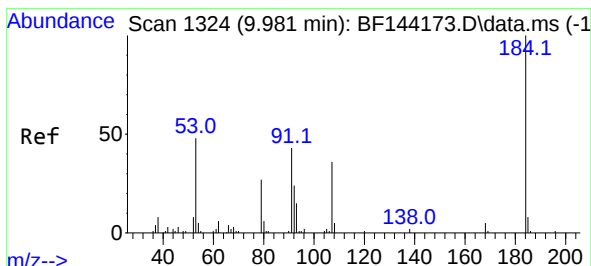
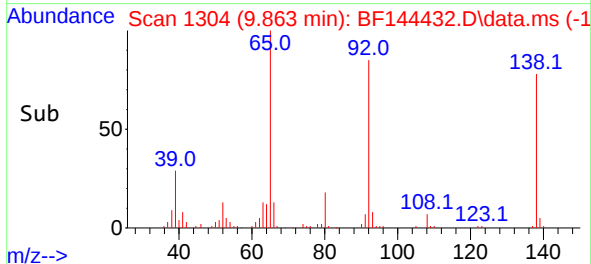
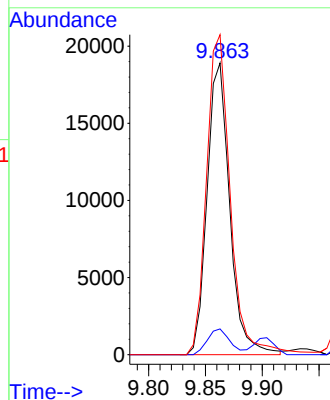
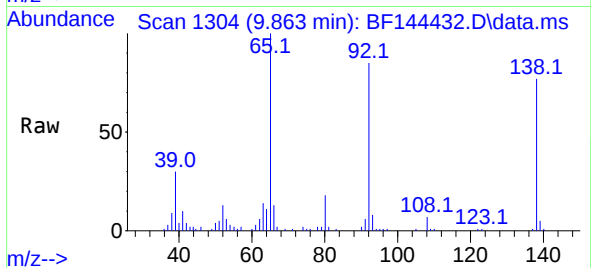




#53
3-Nitroaniline
Concen: 22.580 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

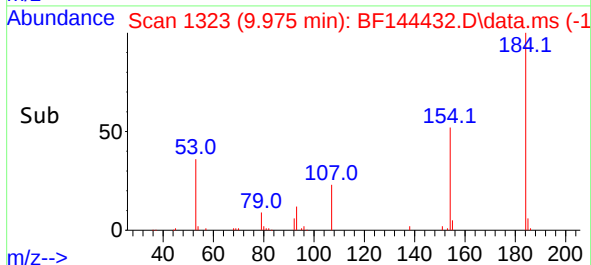
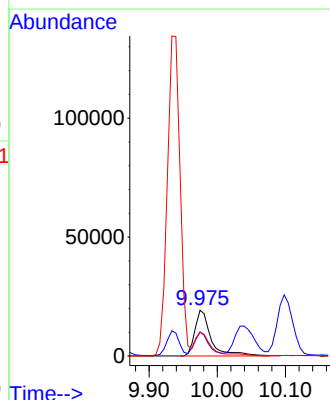
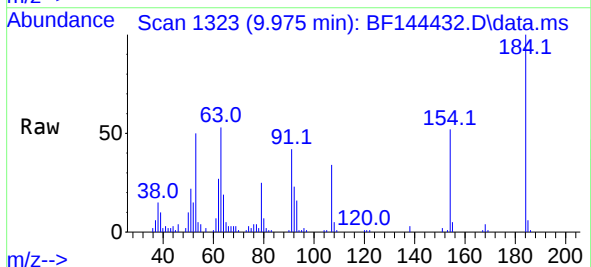
Instrument :
BNA_F
ClientSampleId :
346MSD

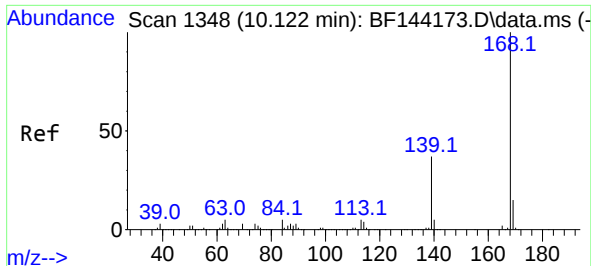
Tgt Ion:138 Resp: 26217
Ion Ratio Lower Upper
138 100
108 8.8 7.5 11.3
92 109.7 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 49.941 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:184 Resp: 32031
Ion Ratio Lower Upper
184 100
63 52.7 44.0 66.0
154 51.7 42.4 63.6

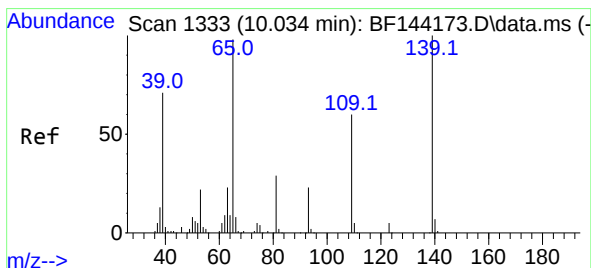
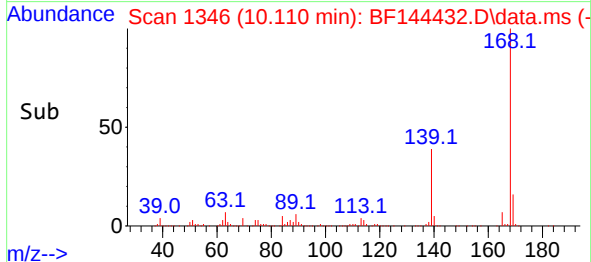
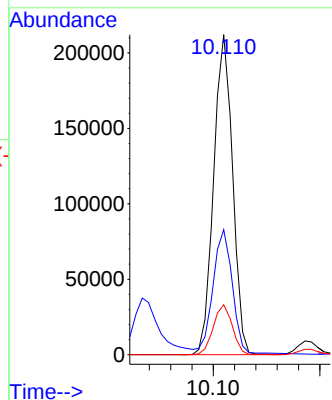
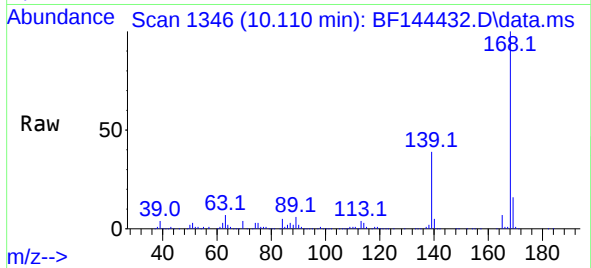




#55
Dibenzenofuran
Concen: 43.411 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

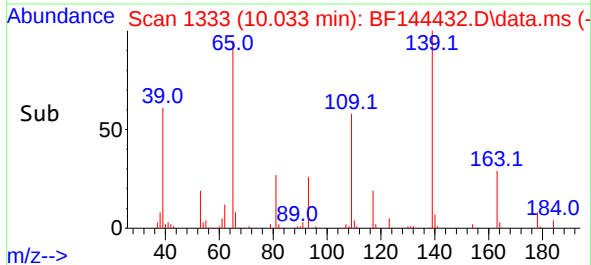
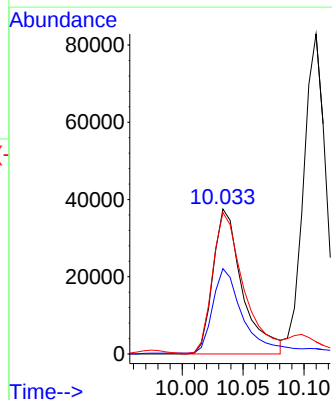
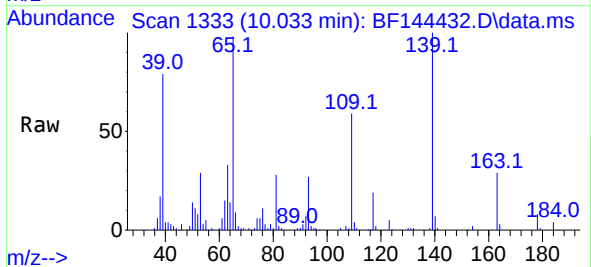
Instrument :
BNA_F
ClientSampleId :
346MSD

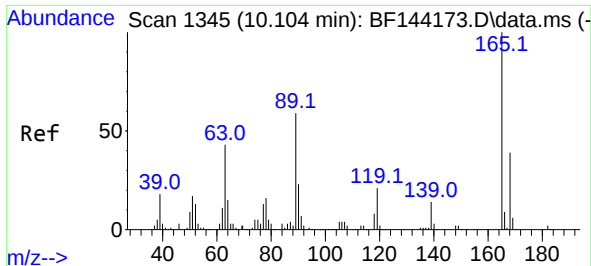
Tgt Ion:168 Resp: 261277
Ion Ratio Lower Upper
168 100
139 39.1 30.2 45.2
169 15.6 12.2 18.4



#56
4-Nitrophenol
Concen: 75.070 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:139 Resp: 63050
Ion Ratio Lower Upper
139 100
109 58.8 39.9 79.9
65 97.5 79.5 119.5

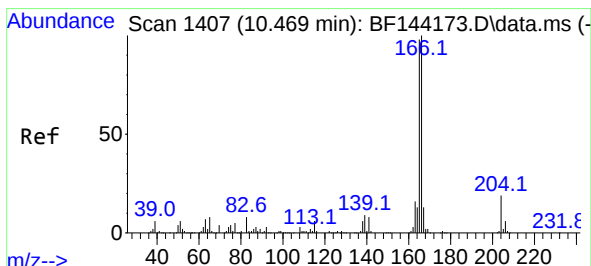
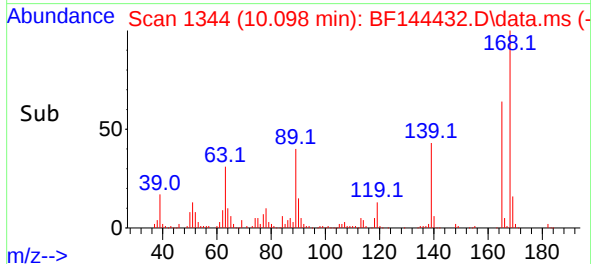
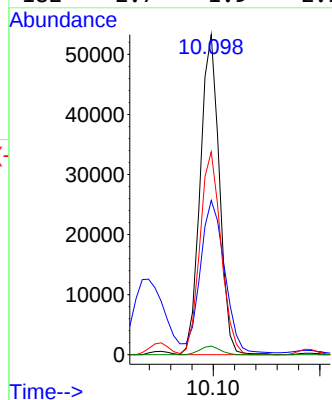
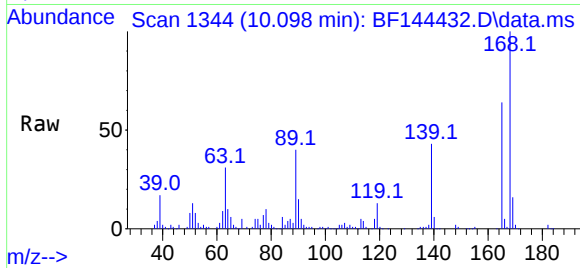




#57
2,4-Dinitrotoluene
Concen: 46.604 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

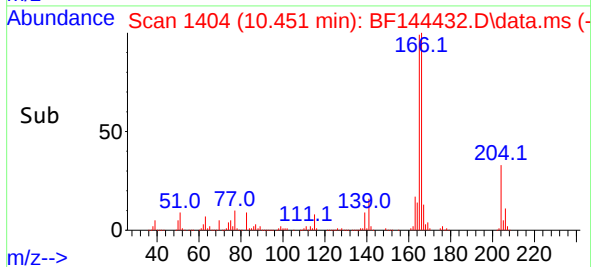
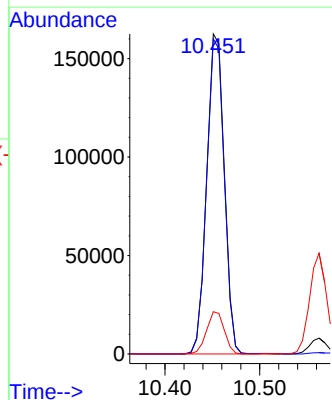
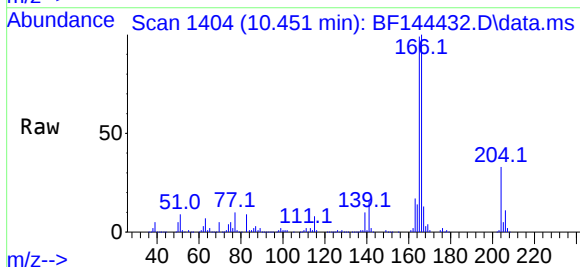
Instrument :
BNA_F
ClientSampleId :
346MSD

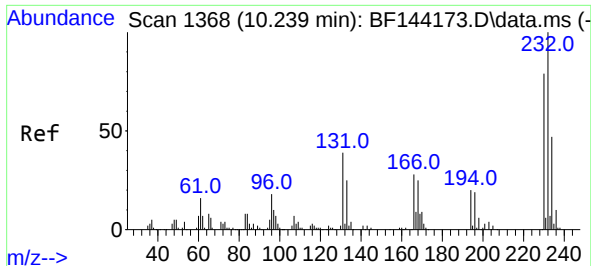
Tgt Ion:165	Resp:	66265
Ion Ratio	Lower	Upper
165	100	
63	48.2	35.5 53.3
89	63.4	47.4 71.2
182	2.7	1.9 2.9



#58
Fluorene
Concen: 45.694 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:166	Resp:	209096
Ion Ratio	Lower	Upper
166	100	
165	98.5	78.6 118.0
167	13.2	10.4 15.6

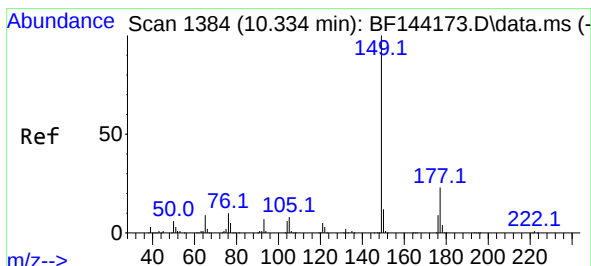
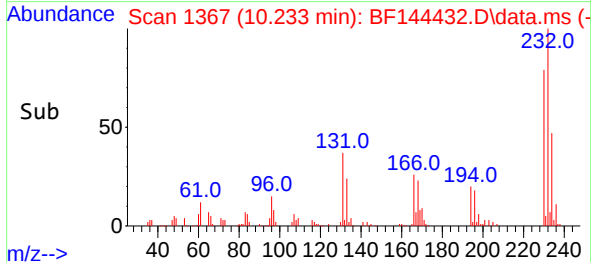
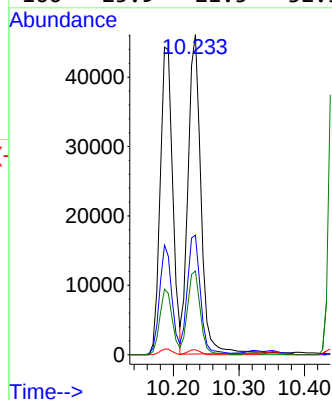
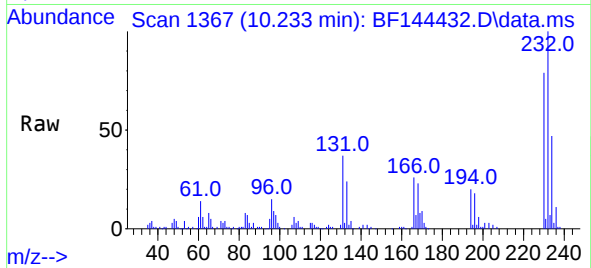




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.455 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

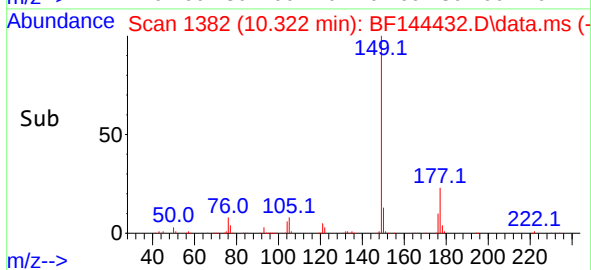
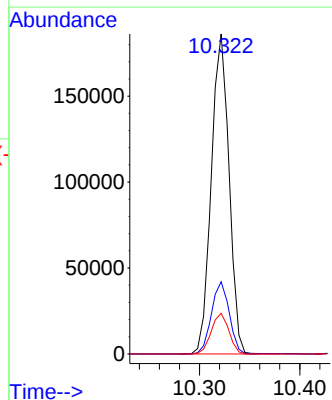
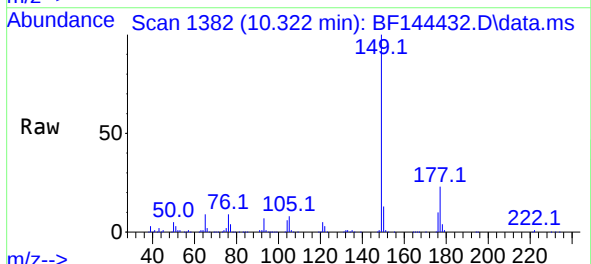
Instrument :
BNA_F
ClientSampleId :
346MSD

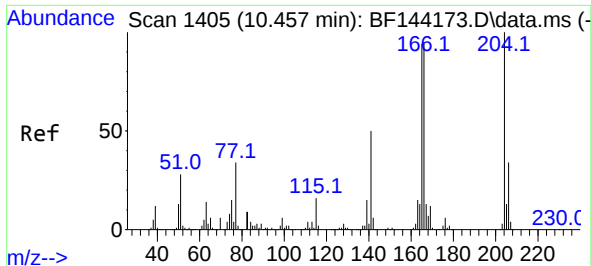
Tgt Ion:232 Resp: 62581
Ion Ratio Lower Upper
232 100
131 36.8 30.3 45.5
130 1.5 1.2 1.8
166 25.9 21.5 32.3



#60
Diethylphthalate
Concen: 47.136 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:149 Resp: 227988
Ion Ratio Lower Upper
149 100
177 22.5 18.3 27.5
150 12.7 9.8 14.6

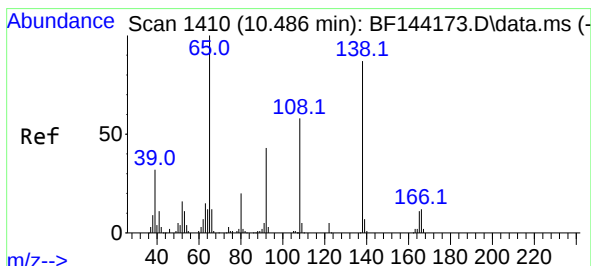
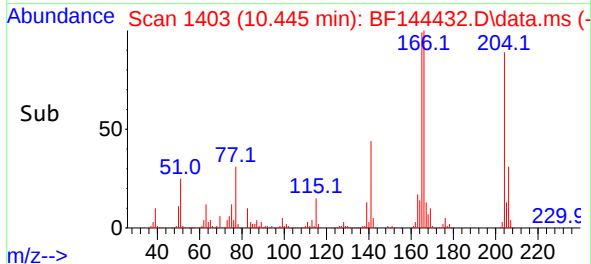
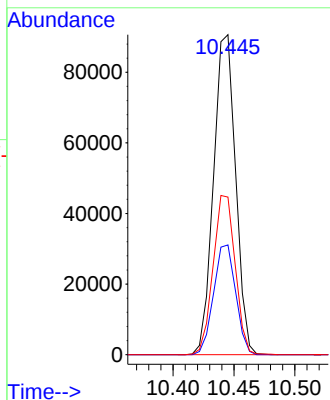
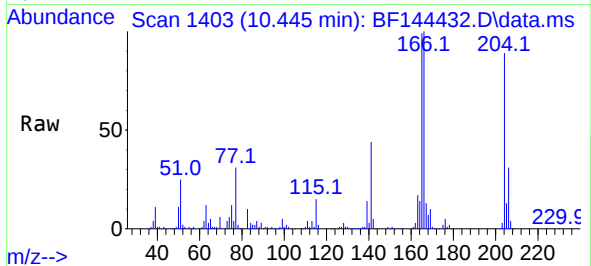




#61
4-Chlorophenyl-phenylether
Concen: 43.913 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

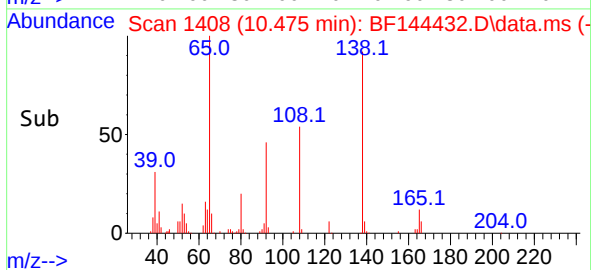
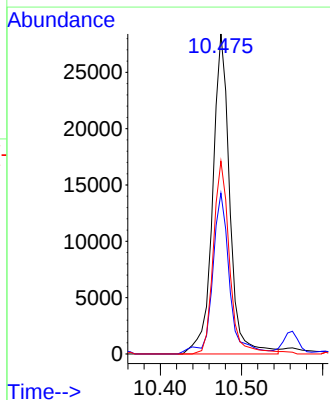
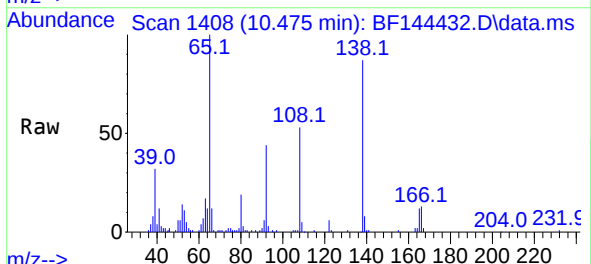
Instrument :
BNA_F
ClientSampleId :
346MSD

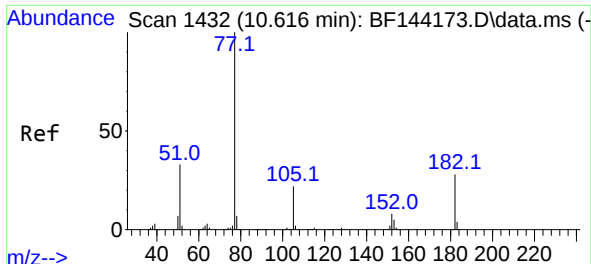
Tgt Ion:204 Resp: 114465
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 49.3 40.0 60.0



#62
4-Nitroaniline
Concen: 37.588 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:138 Resp: 41561
Ion Ratio Lower Upper
138 100
92 50.2 29.4 69.4
108 60.2 46.4 86.4



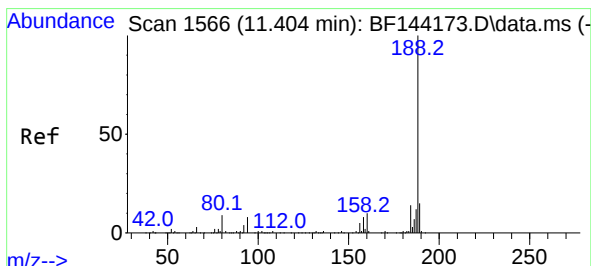
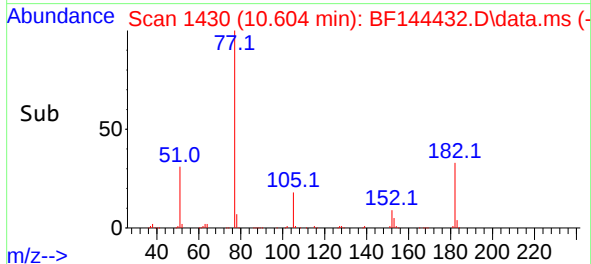
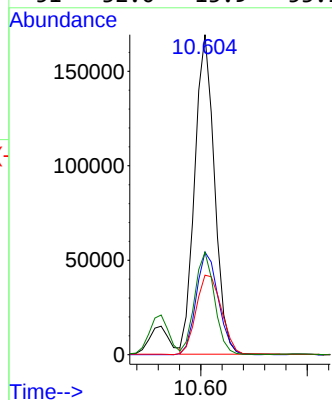
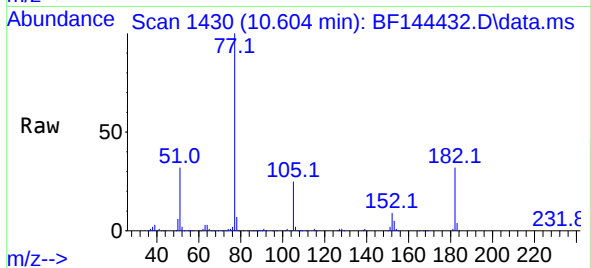


#63
Azobenzene
Concen: 48.421 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion: 77 Resp: 217964

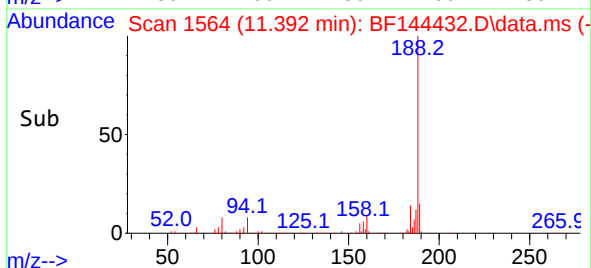
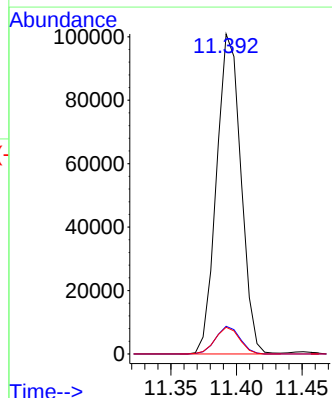
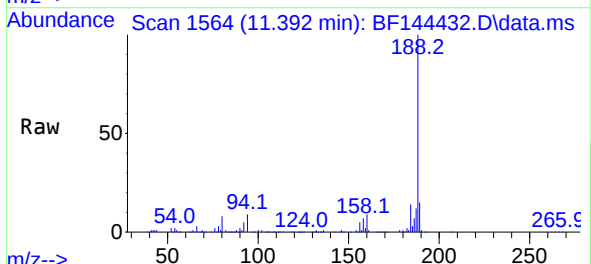
Ion	Ratio	Lower	Upper
77	100		
182	32.0	8.1	48.1
105	24.8	2.0	42.0
51	32.0	13.9	53.9

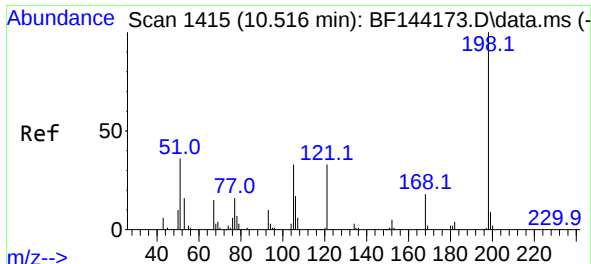


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion: 188 Resp: 130312

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.2	9.2
80	8.4	6.9	10.3

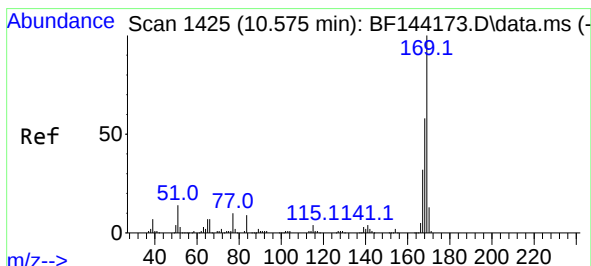
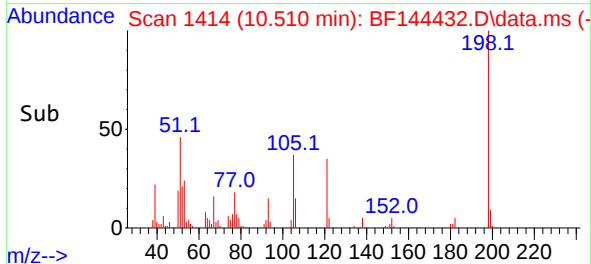
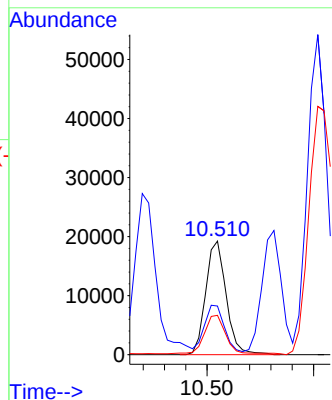
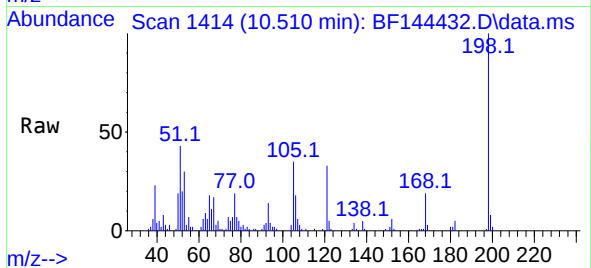




#65
4,6-Dinitro-2-methylphenol
Concen: 29.057 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

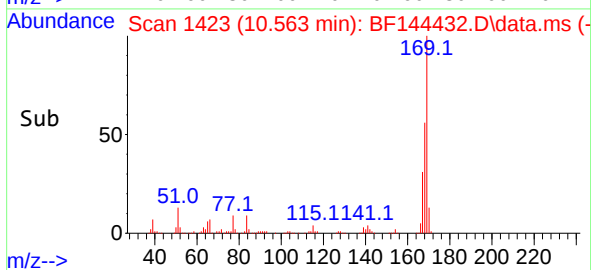
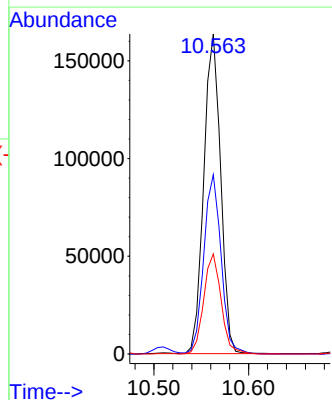
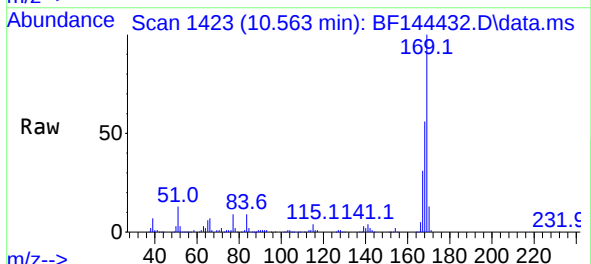
Instrument :
BNA_F
ClientSampleId :
346MSD

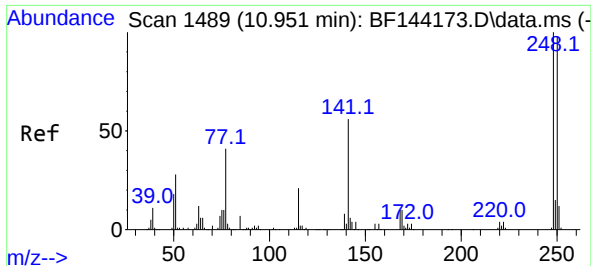
Tgt Ion:198 Resp: 25723
Ion Ratio Lower Upper
198 100
51 42.8 25.6 65.6
105 34.7 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 48.312 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:169 Resp: 202483
Ion Ratio Lower Upper
169 100
168 56.0 46.2 69.2
167 31.3 25.7 38.5





#67

4-Bromophenyl-phenylether

Concen: 46.507 ng

RT: 10.933 min Scan# 1486

Delta R.T. -0.012 min

Lab File: BF144432.D

Acq: 04 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

346MSD

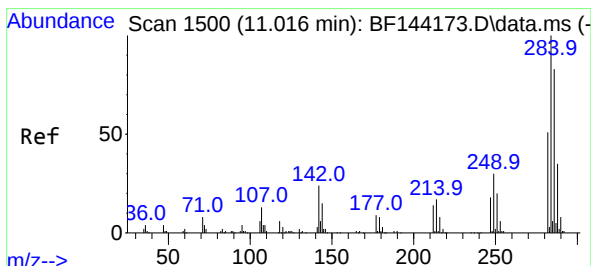
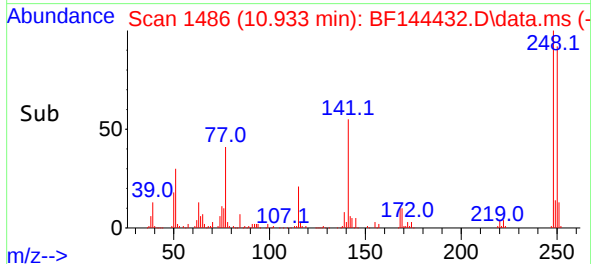
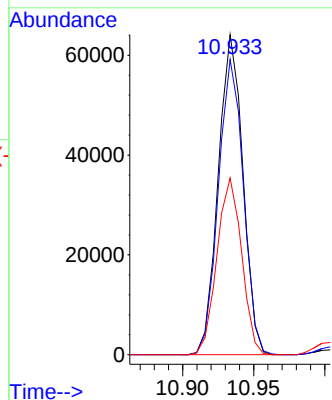
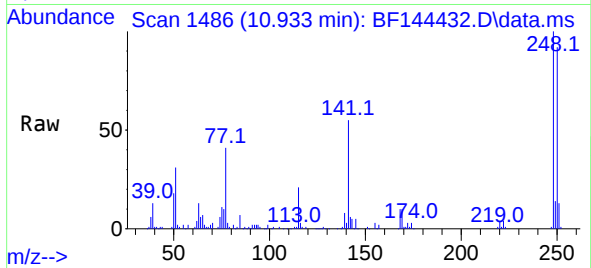
Tgt Ion:248 Resp: 77356

Ion Ratio Lower Upper

248 100

250 92.2 78.4 117.6

141 55.2 45.1 67.7



#68

Hexachlorobenzene

Concen: 45.538 ng

RT: 11.004 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF144432.D

Acq: 04 Dec 2025 16:08

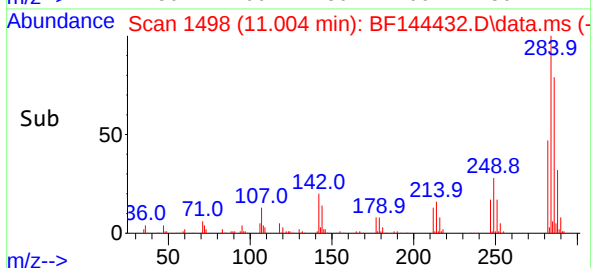
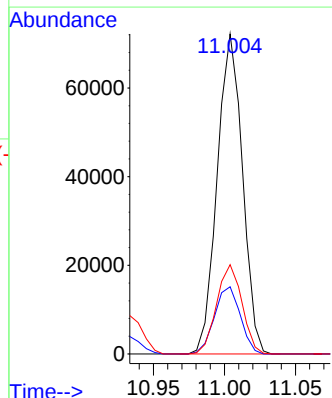
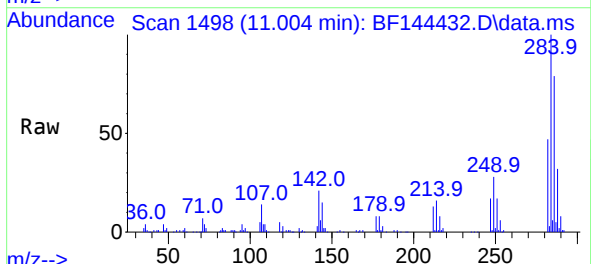
Tgt Ion:284 Resp: 89215

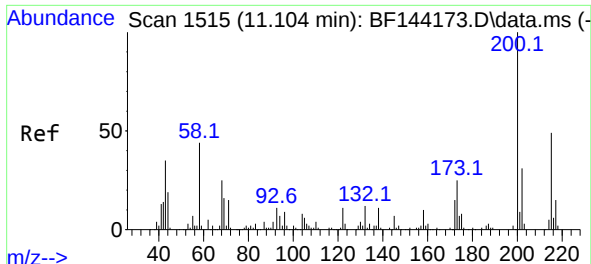
Ion Ratio Lower Upper

284 100

142 21.0 19.2 28.8

249 27.9 23.8 35.8

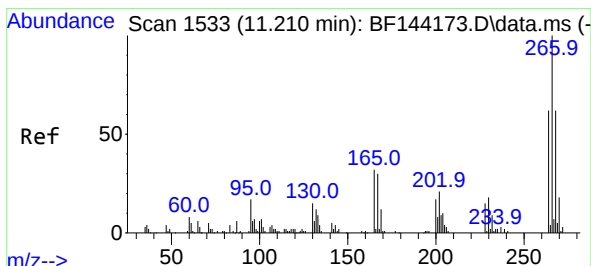
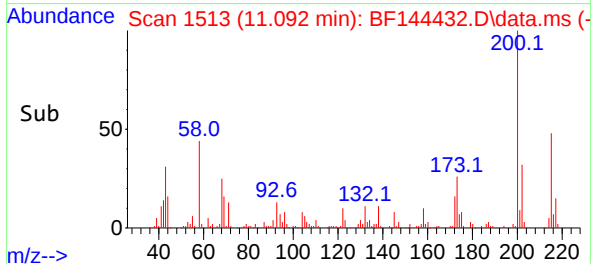
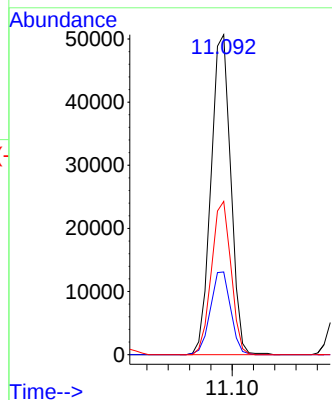
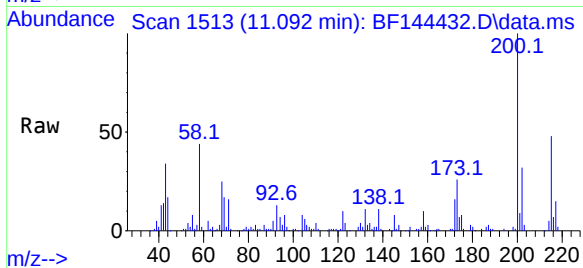




#69
Atrazine
Concen: 49.028 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

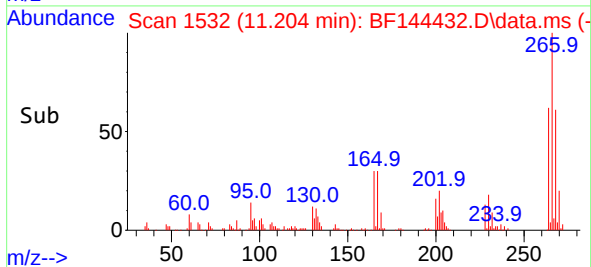
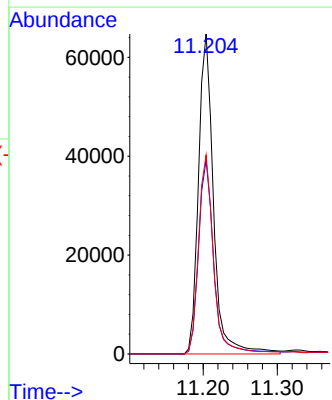
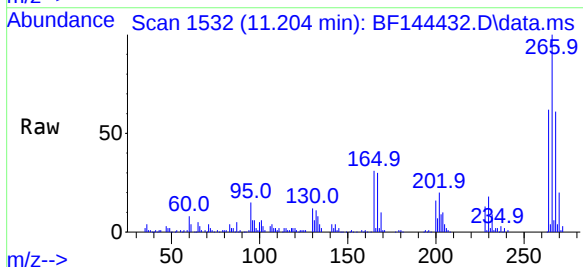
Instrument :
BNA_F
ClientSampleId :
346MSD

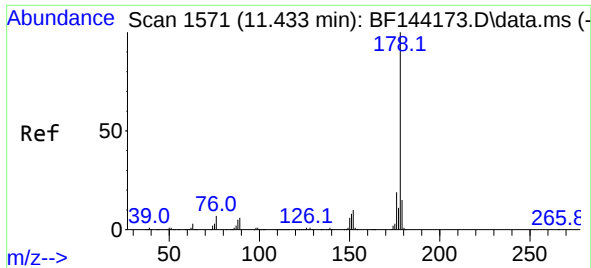
Tgt Ion:200 Resp: 65349
Ion Ratio Lower Upper
200 100
173 25.8 5.0 45.0
215 47.9 28.7 68.7



#70
Pentachlorophenol
Concen: 93.557 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:266 Resp: 91273
Ion Ratio Lower Upper
266 100
268 60.7 49.5 74.3
264 62.2 49.4 74.2

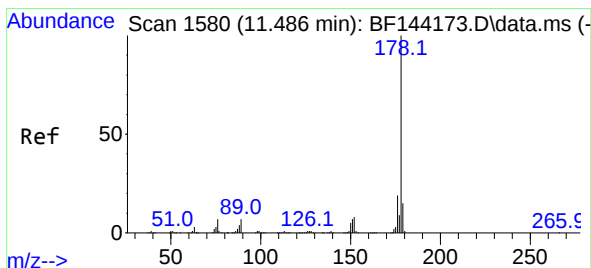
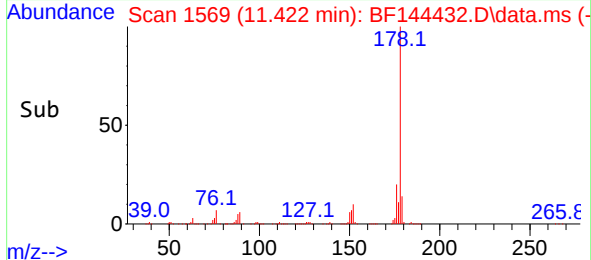
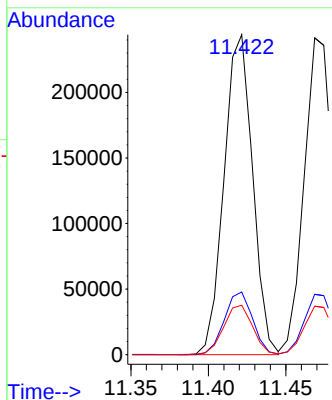
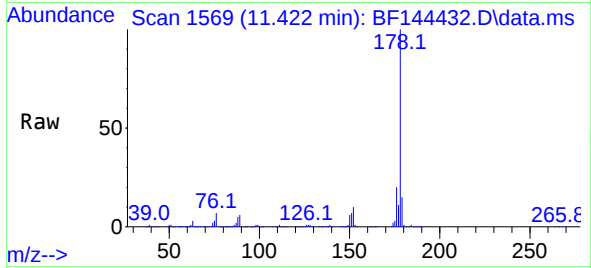




#71
Phenanthrene
Concen: 48.167 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

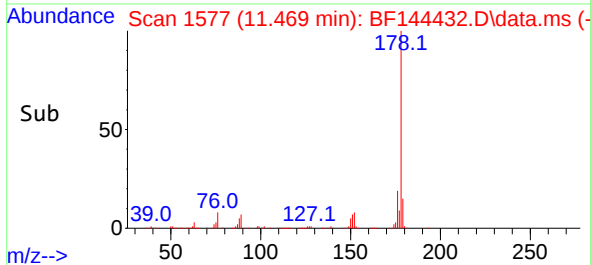
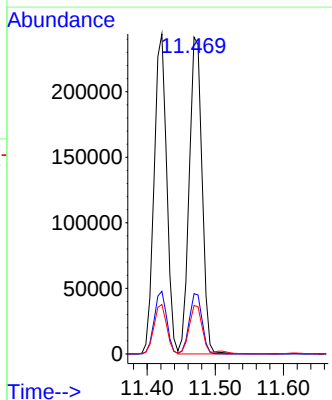
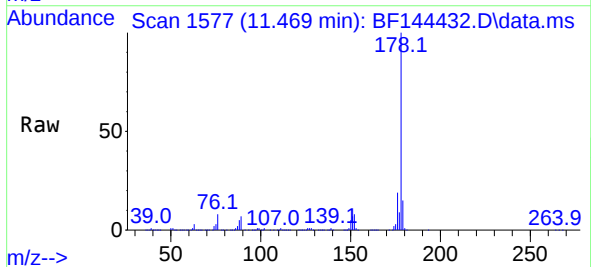
Instrument :
BNA_F
ClientSampleId :
346MSD

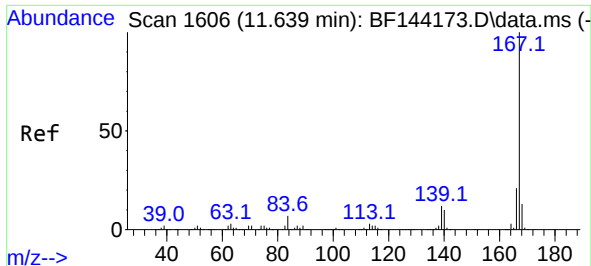
Tgt Ion:178 Resp: 312511
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.5 12.2 18.4



#72
Anthracene
Concen: 47.484 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:178 Resp: 313264
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.3 12.0 18.0

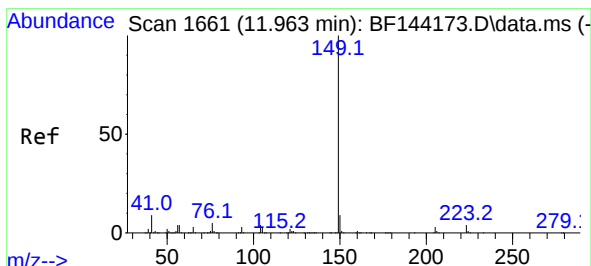
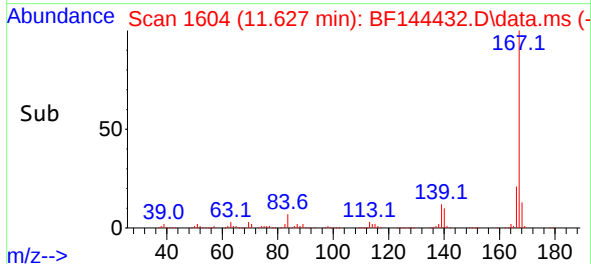
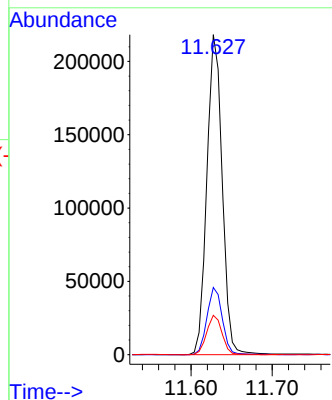
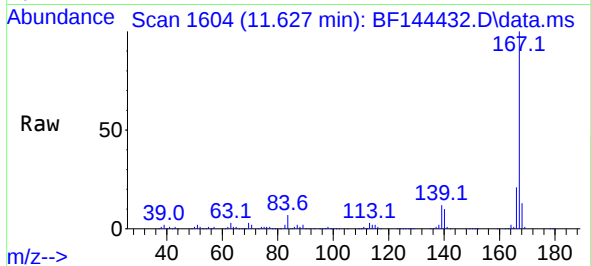




#73
 Carbazole
 Concen: 50.881 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144432.D
 Acq: 04 Dec 2025 16:08

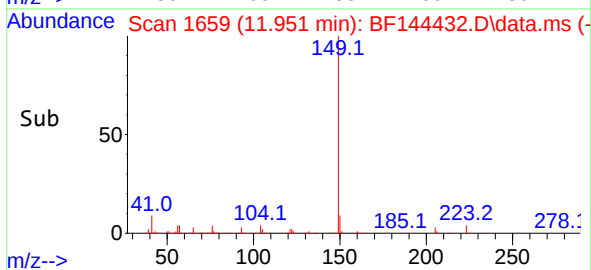
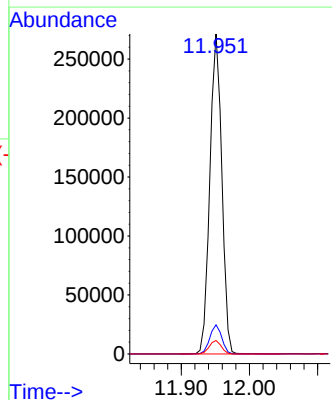
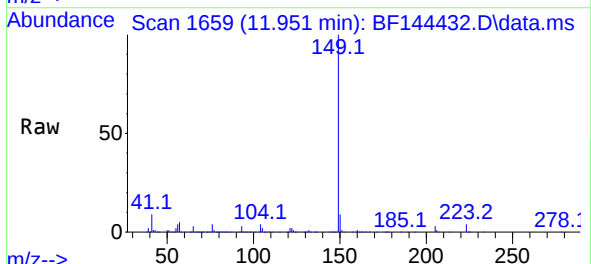
Instrument :
 BNA_F
 ClientSampleId :
 346MSD

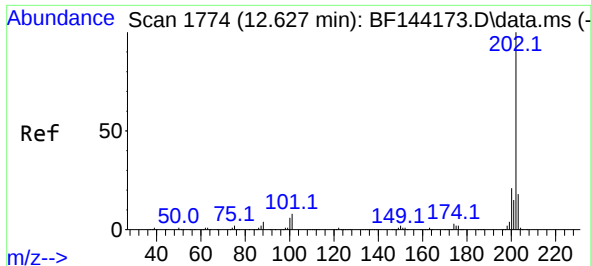
Tgt Ion:167 Resp: 285435
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.3 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 48.817 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144432.D
 Acq: 04 Dec 2025 16:08

Tgt Ion:149 Resp: 331063
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.2 3.4 5.2

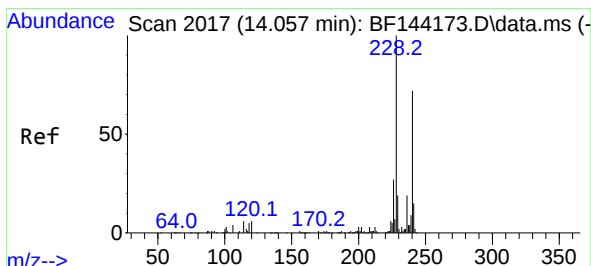
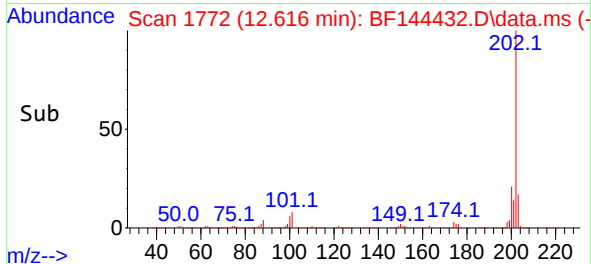
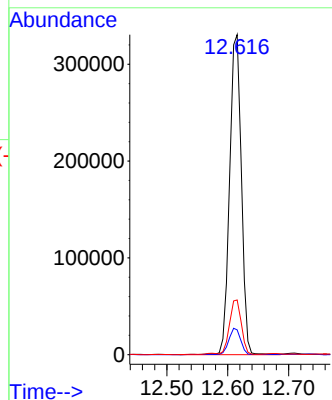
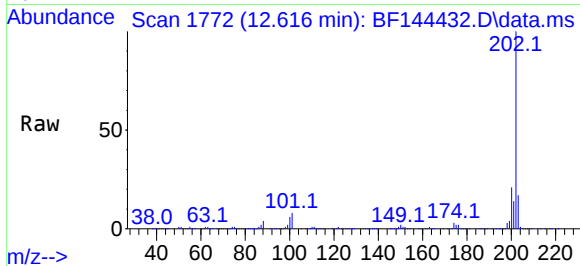




#75
Fluoranthene
Concen: 65.839 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

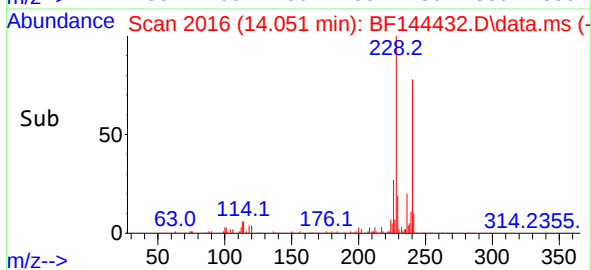
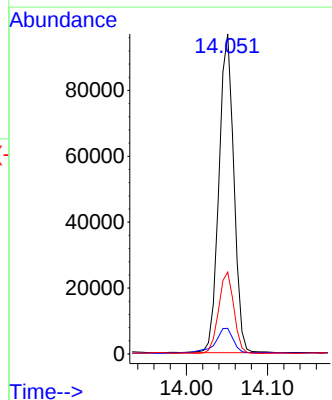
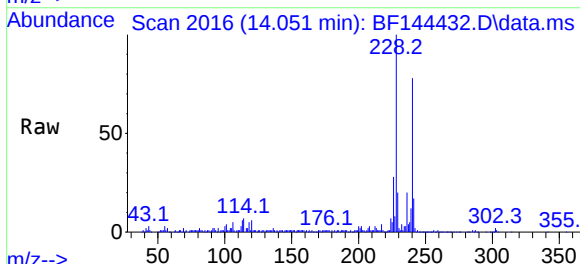
Instrument :
BNA_F
ClientSampleId :
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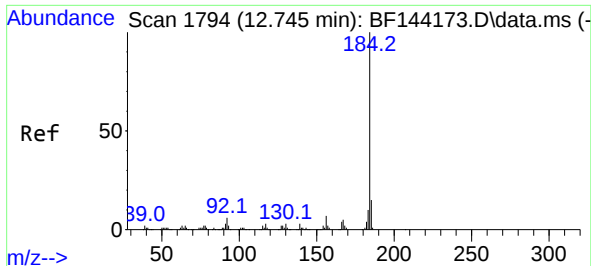
Tgt Ion:202 Resp: 441265
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.9
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:240 Resp: 123525
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 25.6 21.4 32.2

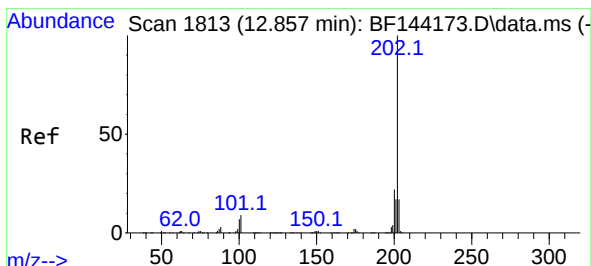
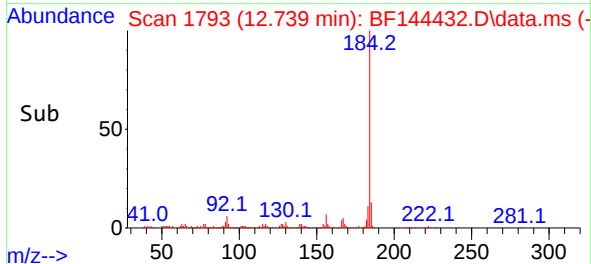
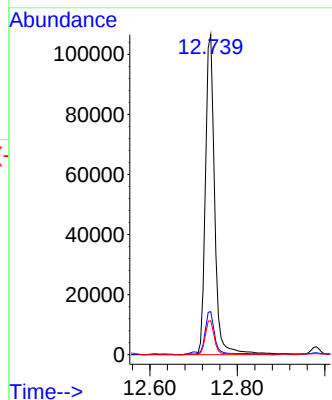
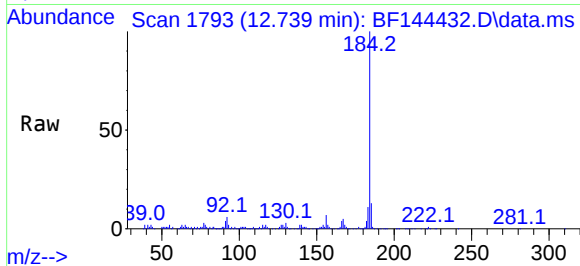




#77
Benzidine
Concen: 43.083 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

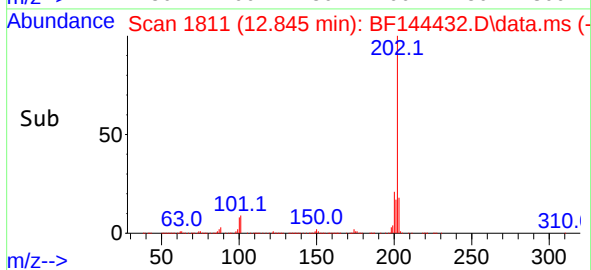
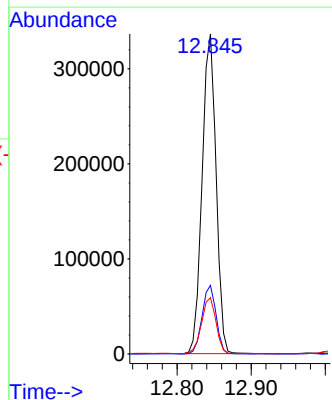
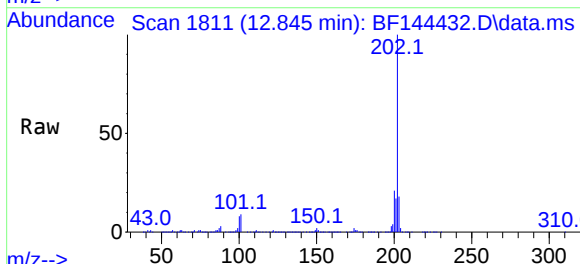
Instrument :
BNA_F
ClientSampleId :
346MSD

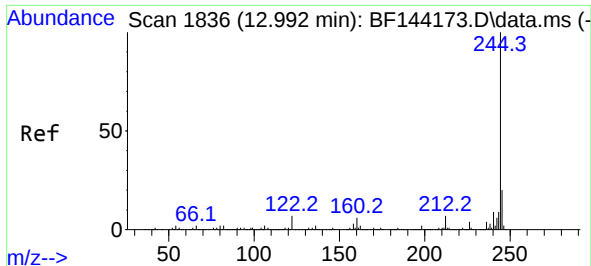
Tgt Ion:184 Resp: 157417
Ion Ratio Lower Upper
184 100
185 13.5 11.7 17.5
183 10.6 8.3 12.5



#78
Pyrene
Concen: 44.190 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:202 Resp: 440122
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.6 13.7 20.5

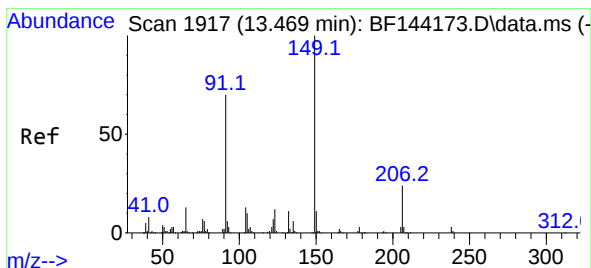
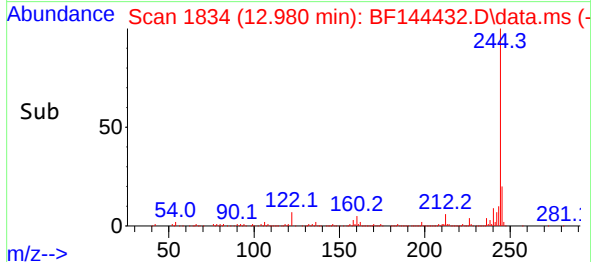
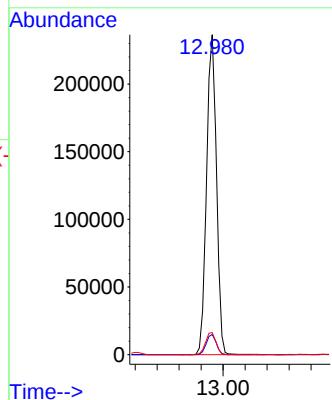
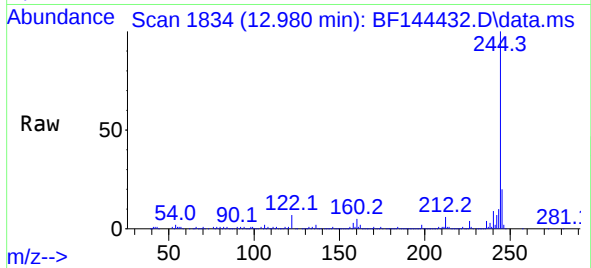




#79
 Terphenyl-d14
 Concen: 38.007 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144432.D
 Acq: 04 Dec 2025 16:08

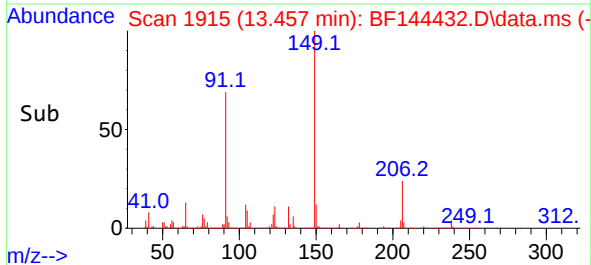
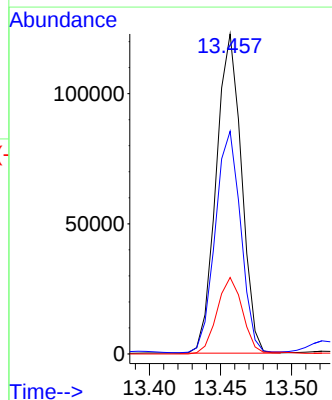
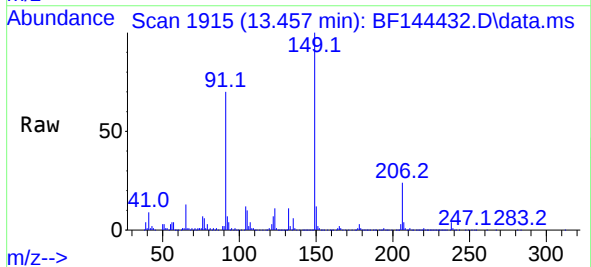
Instrument :
 BNA_F
 ClientSampleId :
 346MSD

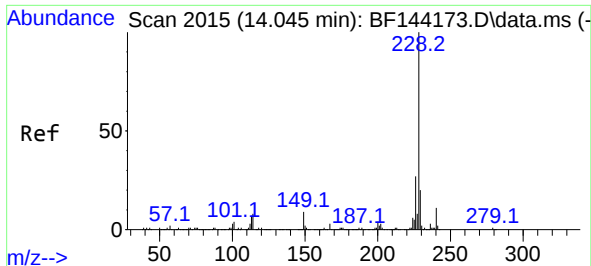
Tgt Ion:244 Resp: 295567
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 6.9 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 44.023 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144432.D
 Acq: 04 Dec 2025 16:08

Tgt Ion:149 Resp: 151964
 Ion Ratio Lower Upper
 149 100
 91 69.6 56.1 84.1
 206 23.9 18.8 28.2

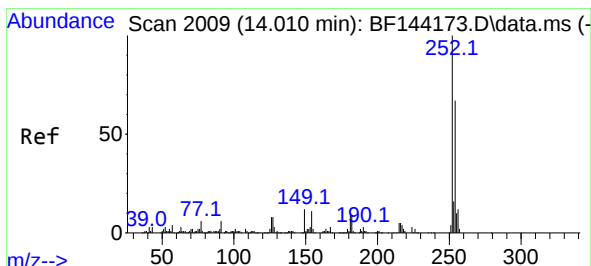
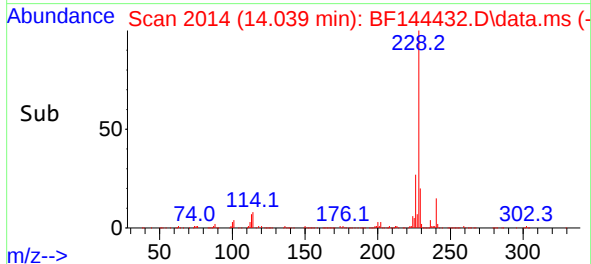
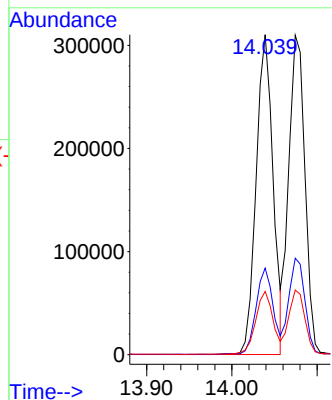
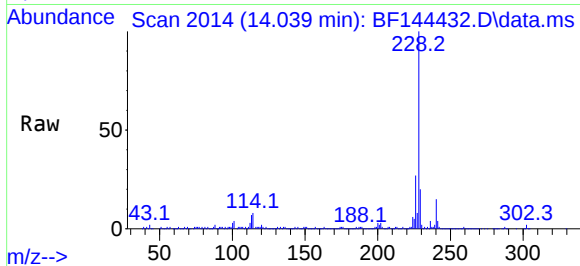




#81
Benzo(a)anthracene
Concen: 50.191 ng
RT: 14.039 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

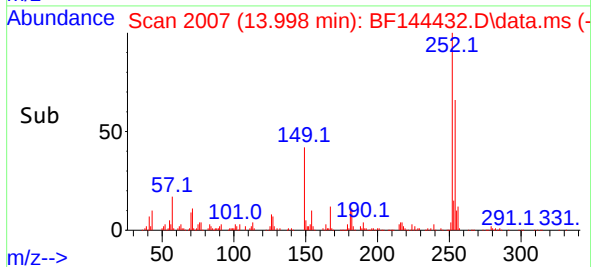
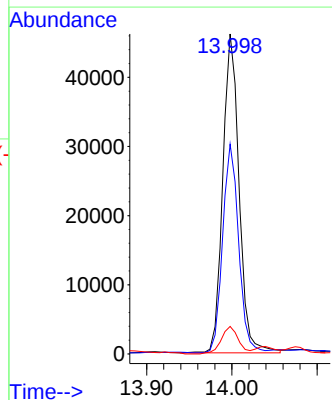
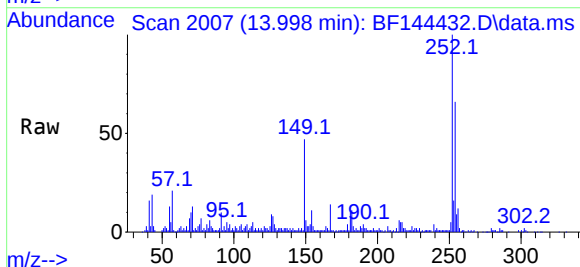
Instrument :
BNA_F
ClientSampleId :
346MSD

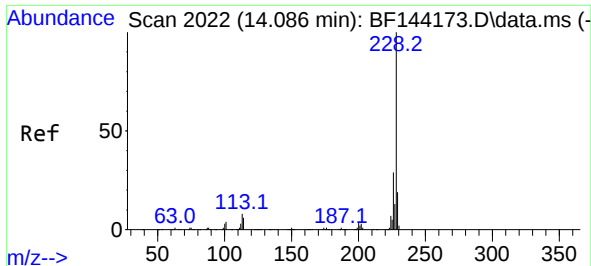
Tgt Ion:228 Resp: 429696
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 20.859 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:252 Resp: 61213
Ion Ratio Lower Upper
252 100
254 65.6 53.5 80.3
126 8.6 6.4 9.6

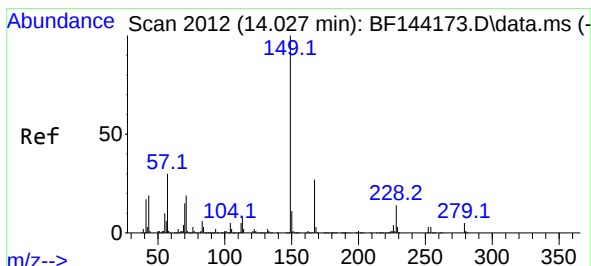
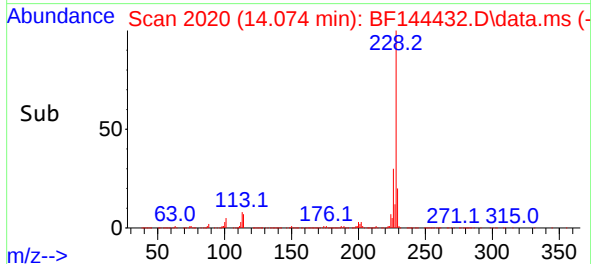
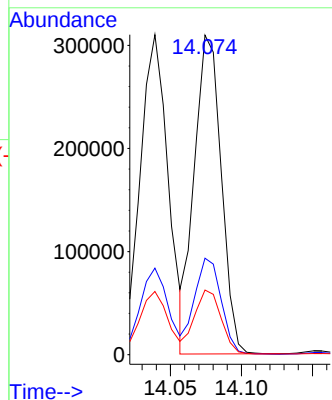
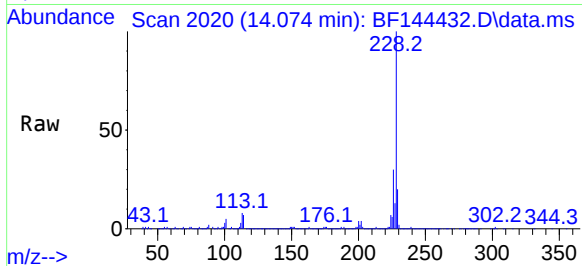




#83
Chrysene
Concen: 51.517 ng
RT: 14.074 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

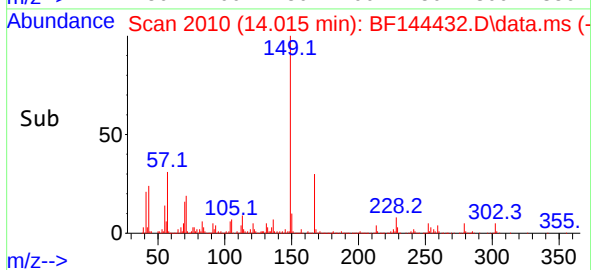
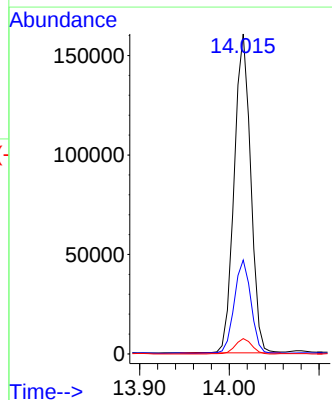
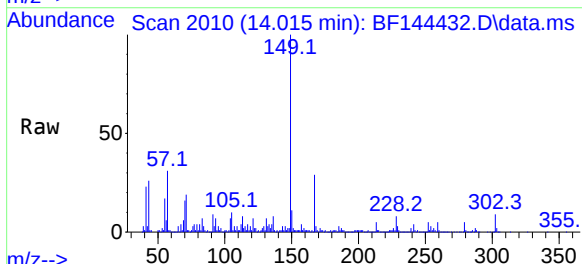
Instrument :
BNA_F
ClientSampleId :
346MSD

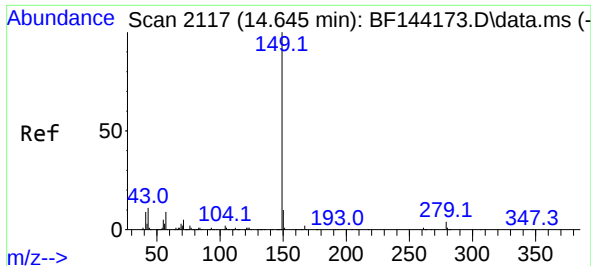
Tgt Ion:228 Resp: 407149
Ion Ratio Lower Upper
228 100
226 30.2 22.9 34.3
229 20.3 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.247 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

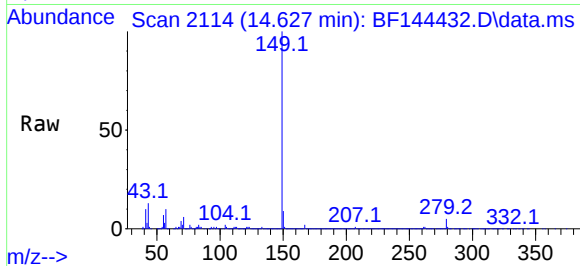
Tgt Ion:149 Resp: 204362
Ion Ratio Lower Upper
149 100
167 29.3 21.8 32.8
279 4.8 3.7 5.5



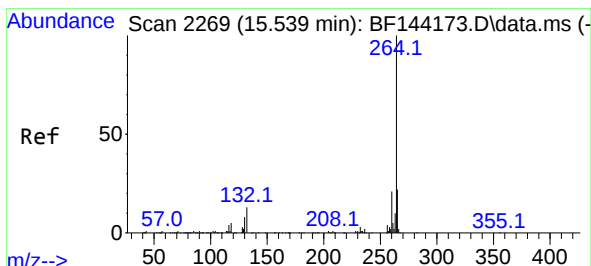
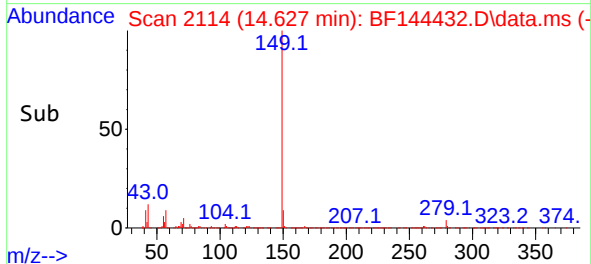
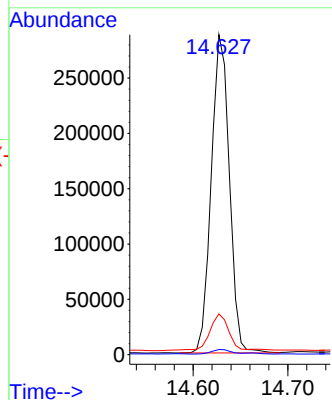


#85
Di-n-octyl phthalate
Concen: 46.774 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Instrument :
BNA_F
ClientSampleId :
346MSD

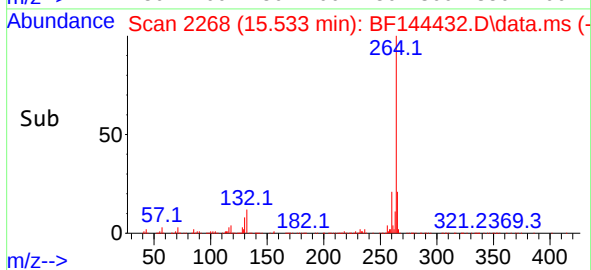
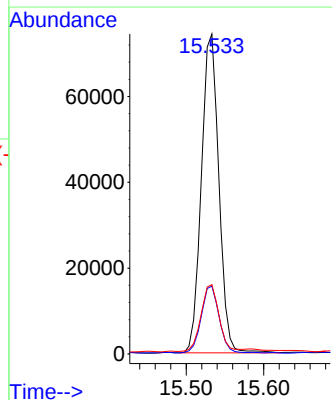
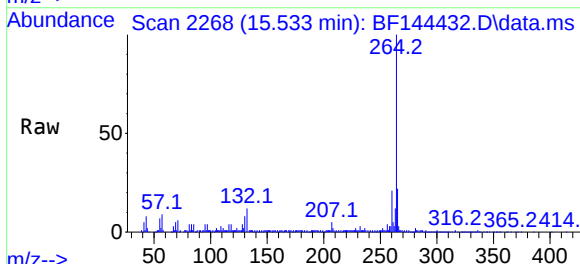


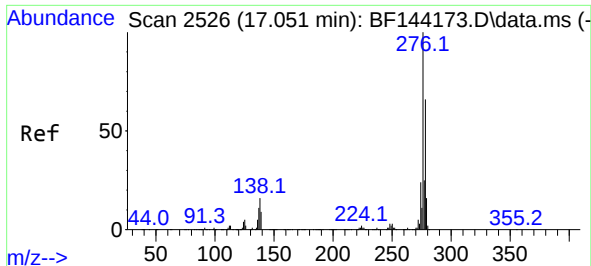
Tgt Ion:149 Resp: 381345
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.8 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:264 Resp: 116603
Ion Ratio Lower Upper
264 100
260 21.2 17.1 25.7
265 21.6 17.4 26.0

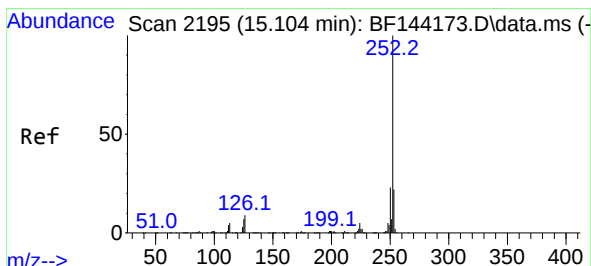
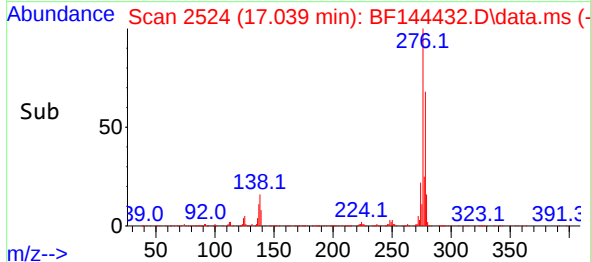
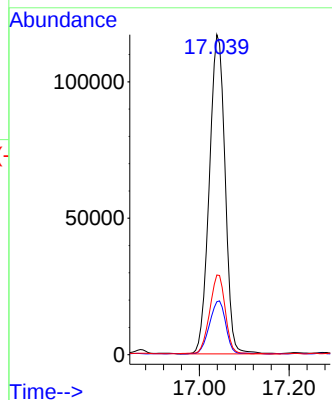
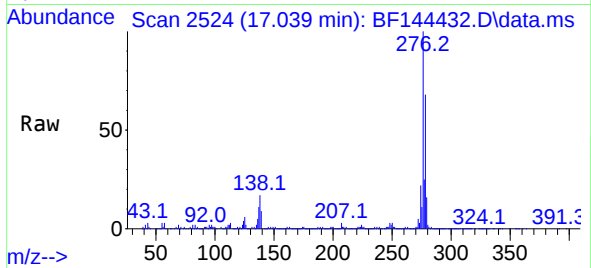




#87
Indeno(1,2,3-cd)pyrene
Concen: 34.038 ng
RT: 17.039 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

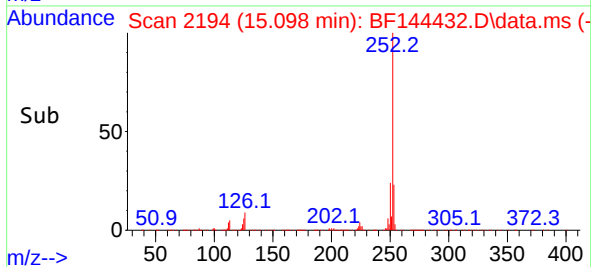
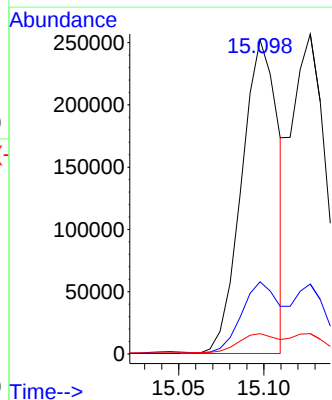
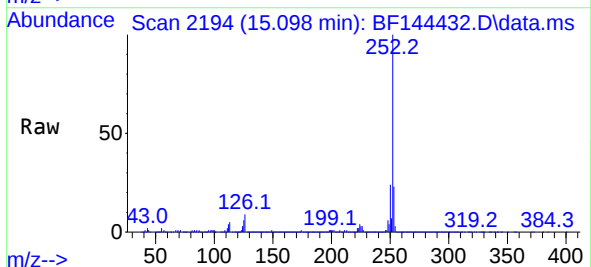
Instrument :
BNA_F
ClientSampleId :
346MSD

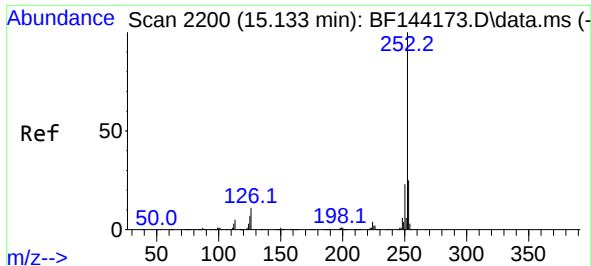
Tgt Ion:276 Resp: 284907
Ion Ratio Lower Upper
276 100
138 17.1 13.9 20.9
277 24.4 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 56.646 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:252 Resp: 375513
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 6.5 5.3 7.9

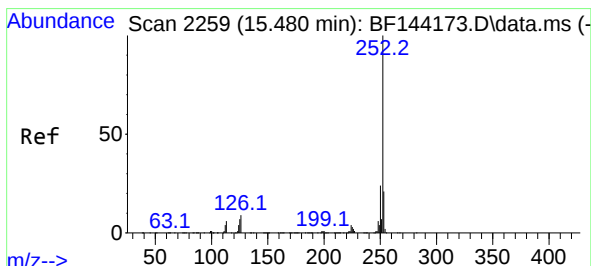
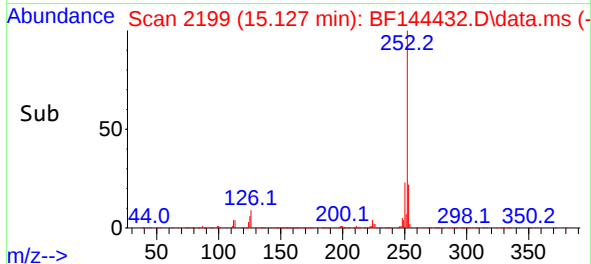
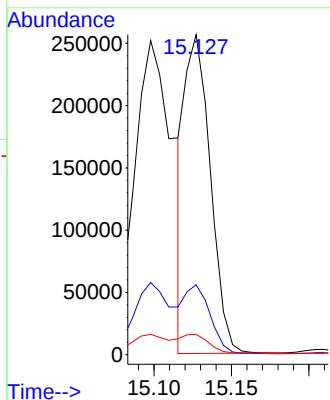
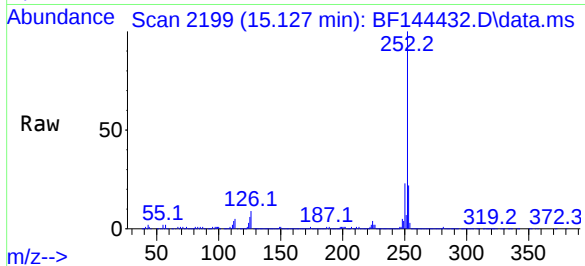




#89
Benzo(k)fluoranthene
Concen: 47.362 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

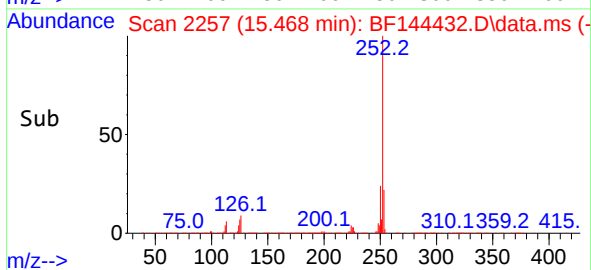
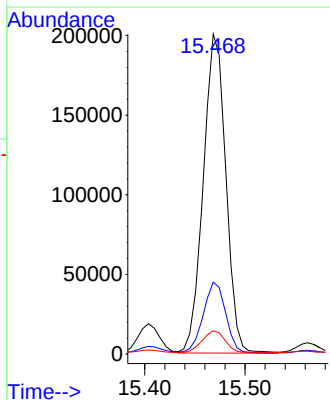
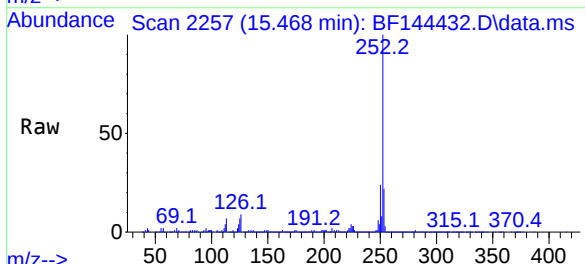
Instrument :
BNA_F
ClientSampleId :
346MSD

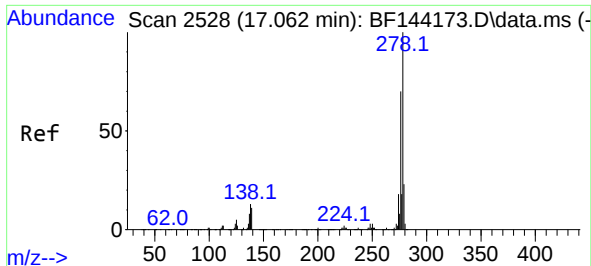
Tgt Ion:252 Resp: 293873
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 6.3 5.4 8.2



#90
Benzo(a)pyrene
Concen: 51.419 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:252 Resp: 314462
Ion Ratio Lower Upper
252 100
253 22.4 16.7 25.1
125 7.3 5.7 8.5

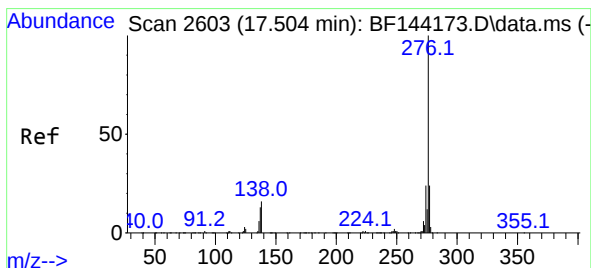
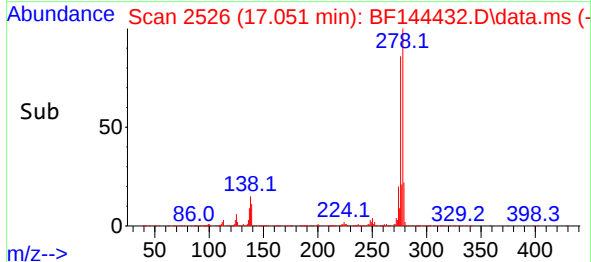
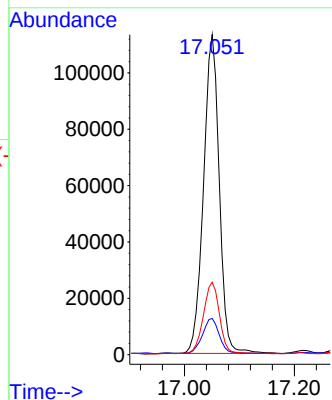
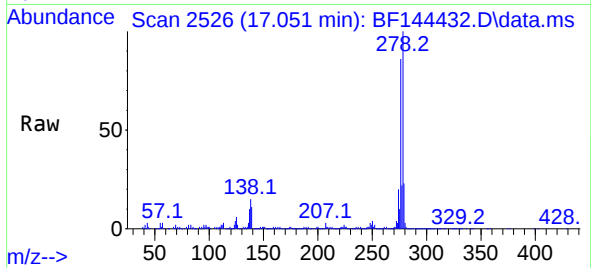




#91
Dibenzo(a,h)anthracene
Concen: 33.363 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:278 Resp: 224275
Ion Ratio Lower Upper
278 100
139 11.3 9.1 13.7
279 22.6 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 34.413 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.000 min
Lab File: BF144432.D
Acq: 04 Dec 2025 16:08

Tgt Ion:276 Resp: 228443
Ion Ratio Lower Upper
276 100
277 24.8 19.0 28.4
138 15.8 12.9 19.3

