

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120425\
 Data File : BF144431.D
 Acq On : 04 Dec 2025 15:38
 Operator : RC/JU
 Sample : Q3767-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346MS

Quant Time: Dec 04 16:01:08 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	43899	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	152628	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	71062	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	122024	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	125063	20.000	ng	0.00
86) Perylene-d12	15.527	264	125589	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	186081	66.333	ng	0.00
7) Phenol-d6	6.498	99	201575	63.416	ng	0.00
23) Nitrobenzene-d5	7.422	82	120866	45.736	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	61815	69.319	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	254599	52.915	ng	-0.01
79) Terphenyl-d14	12.980	244	291606	37.036	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	52072	44.898	ng	98
3) Pyridine	3.434	79	149481	46.198	ng	99
4) n-Nitrosodimethylamine	3.381	42	77432	45.814	ng	96
6) Aniline	6.528	93	67473	14.899	ng	# 78
8) 2-Chlorophenol	6.651	128	118310	43.005	ng	99
9) Benzaldehyde	6.416	77	105395	58.719	ng	97
10) Phenol	6.510	94	159315	41.023	ng	99
11) bis(2-Chloroethyl)ether	6.598	93	124745	44.082	ng	99
12) 1,3-Dichlorobenzene	6.804	146	157046	46.261	ng	97
13) 1,4-Dichlorobenzene	6.881	146	154982	45.569	ng	99
14) 1,2-Dichlorobenzene	7.034	146	146789	45.030	ng	98
15) Benzyl Alcohol	7.004	79	109743	43.602	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	210766	40.445	ng	67
17) 2-Methylphenol	7.122	107	89522	40.904	ng	# 92
18) Hexachloroethane	7.369	117	47515	42.052	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	90550	43.274	ng	99
20) 3+4-Methylphenols	7.275	107	114790	44.493	ng	91
22) Acetophenone	7.269	105	157562	48.122	ng	97
24) Nitrobenzene	7.445	77	130676	45.542	ng	98
25) Isophorone	7.681	82	224166	44.845	ng	99
26) 2-Nitrophenol	7.763	139	66952	47.137	ng	95
27) 2,4-Dimethylphenol	7.798	122	102842	48.308	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	144569	46.314	ng	96
29) 2,4-Dichlorophenol	8.010	162	105570	43.025	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	115050	45.662	ng	99
31) Naphthalene	8.169	128	325241	44.797	ng	99
32) Benzoic acid	7.916	122	64483	41.322	ng	97
33) 4-Chloroaniline	8.222	127	21308	8.047	ng	96
34) Hexachlorobutadiene	8.281	225	83178	43.804	ng	98
35) Caprolactam	8.581	113	29123	43.322	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	88861	40.409	ng	98
37) 2-Methylnaphthalene	8.857	142	189622	39.063	ng	99
38) 1-Methylnaphthalene	8.957	142	192259	41.048	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	115020	49.388	ng	98
41) Hexachlorocyclopentadiene	9.010	237	56220	66.407	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	76338	48.159	ng	97

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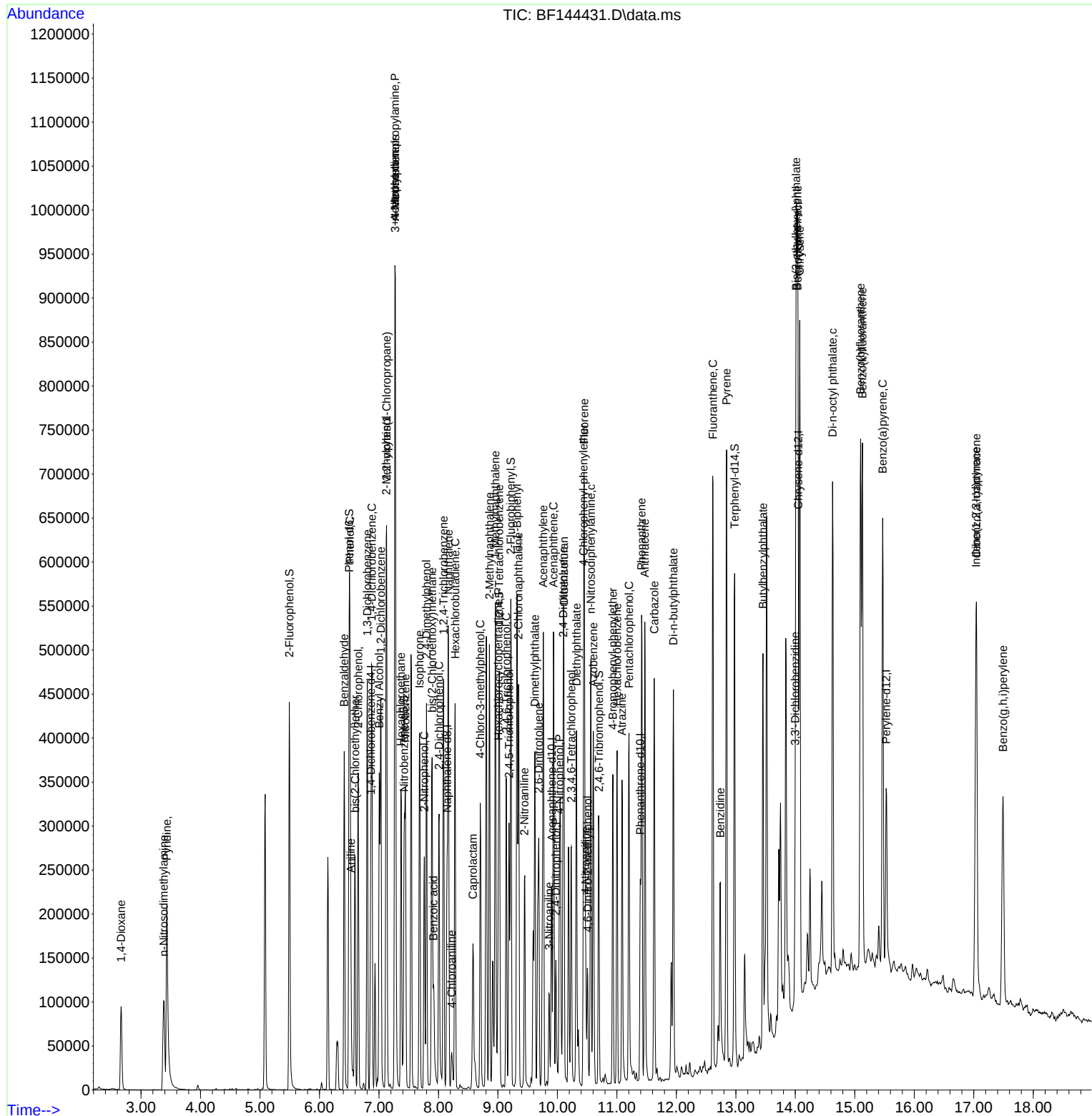
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	78868	46.165	ng	98
46) 1,1'-Biphenyl	9.322	154	244700	49.331	ng	99
47) 2-Chloronaphthalene	9.345	162	201622	47.651	ng	100
48) 2-Nitroaniline	9.445	65	58077	47.571	ng	98
49) Acenaphthylene	9.763	152	311315	53.991	ng	99
50) Dimethylphthalate	9.622	163	236468	50.230	ng	99
51) 2,6-Dinitrotoluene	9.686	165	48489	50.881	ng	95
52) Acenaphthene	9.933	154	164406	42.638	ng	98
53) 3-Nitroaniline	9.863	138	25133	24.125	ng	# 95
54) 2,4-Dinitrophenol	9.975	184	39294	68.282	ng	97
55) Dibenzofuran	10.110	168	251011	46.481	ng	99
56) 4-Nitrophenol	10.033	139	59581	79.064	ng	99
57) 2,4-Dinitrotoluene	10.098	165	61631	48.309	ng	96
58) Fluorene	10.451	166	196242	47.796	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	55432	45.861	ng	99
60) Diethylphthalate	10.322	149	209618	48.301	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	108032	46.192	ng	99
62) 4-Nitroaniline	10.475	138	41382	41.712	ng	95
63) Azobenzene	10.604	77	203608	50.411	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	28170	33.983	ng	97
66) n-Nitrosodiphenylamine	10.563	169	187640	47.811	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	68817	44.184	ng	98
68) Hexachlorobenzene	11.004	284	82128	44.767	ng	97
69) Atrazine	11.086	200	59441	47.625	ng	99
70) Pentachlorophenol	11.204	266	86421	94.600	ng	99
71) Phenanthrene	11.416	178	301983	49.706	ng	100
72) Anthracene	11.469	178	304165	49.236	ng	100
73) Carbazole	11.627	167	271357	51.657	ng	100
74) Di-n-butylphthalate	11.951	149	312467	49.205	ng	99
75) Fluoranthene	12.616	202	427142	68.061	ng	100
77) Benzidine	12.739	184	133514	36.092	ng	98
78) Pyrene	12.845	202	431778	42.819	ng	99
80) Butylbenzylphthalate	13.457	149	151029	43.214	ng	97
81) Benzo(a)anthracene	14.039	228	439751	50.734	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	48134	16.201	ng	97
83) Chrysene	14.074	228	406613	50.817	ng	97
84) Bis(2-ethylhexyl)phtha...	14.015	149	210157	43.926	ng	98
85) Di-n-octyl phthalate	14.627	149	381459	46.212	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	302202	33.521	ng	99
88) Benzo(b)fluoranthene	15.098	252	425168	59.547	ng	100
89) Benzo(k)fluoranthene	15.127	252	310490	46.460	ng	99
90) Benzo(a)pyrene	15.468	252	340639	51.714	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	236182	32.621	ng	98
92) Benzo(g,h,i)perylene	17.492	276	238294	33.329	ng	98

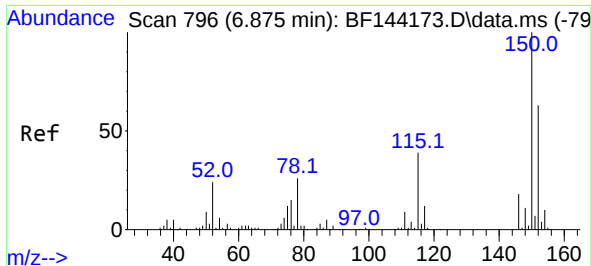
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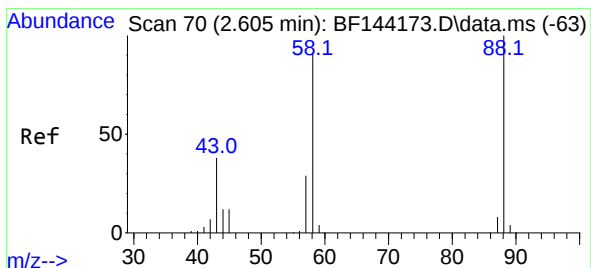
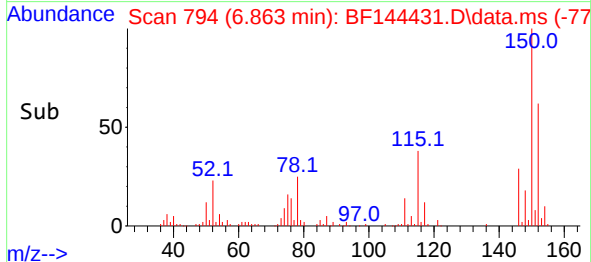
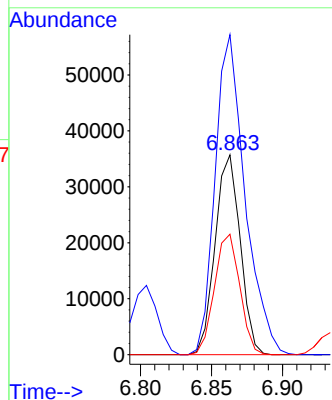
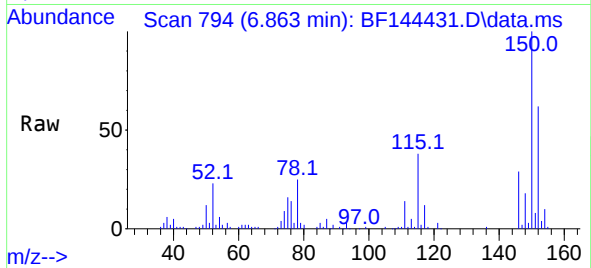




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144431.D
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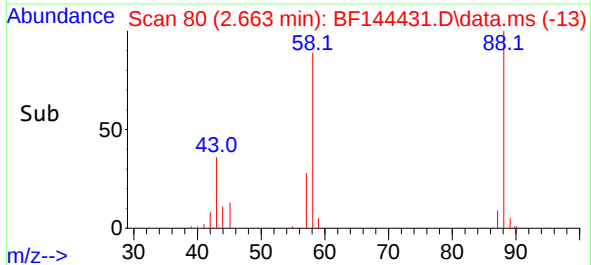
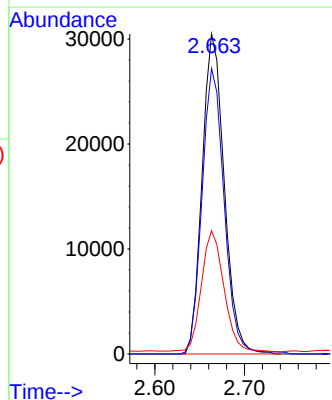
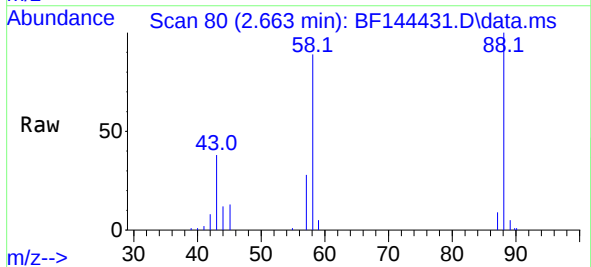
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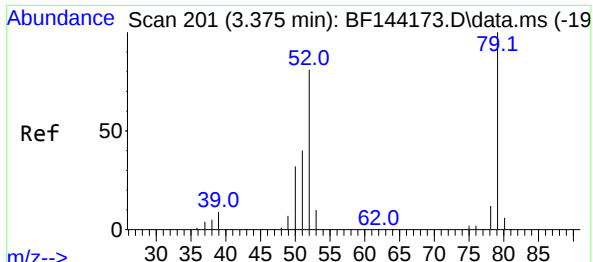
Tgt Ion:152 Resp: 43899
Ion Ratio Lower Upper
152 100
150 160.1 127.4 191.0
115 60.3 49.5 74.3



#2
1,4-Dioxane
Concen: 44.898 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.047 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion: 88 Resp: 52072
Ion Ratio Lower Upper
88 100
58 89.5 73.1 109.7
43 38.6 31.0 46.6

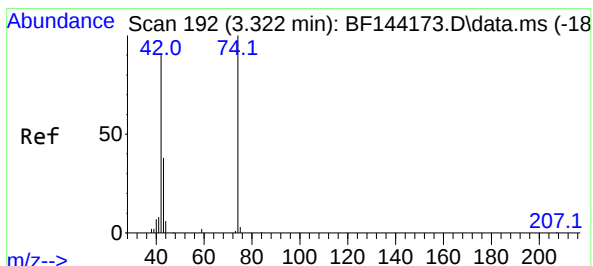
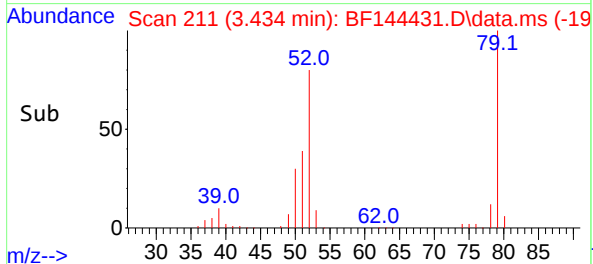
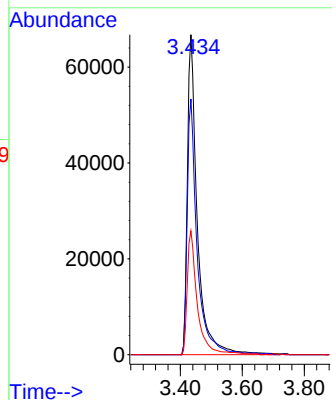
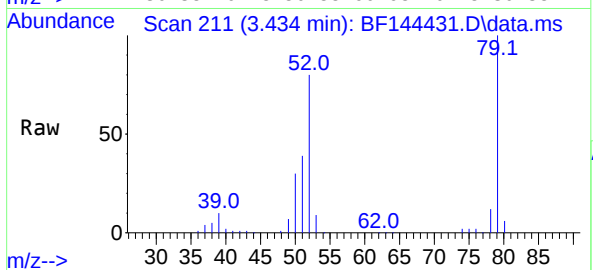




#3
Pyridine
Concen: 46.198 ng
RT: 3.434 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

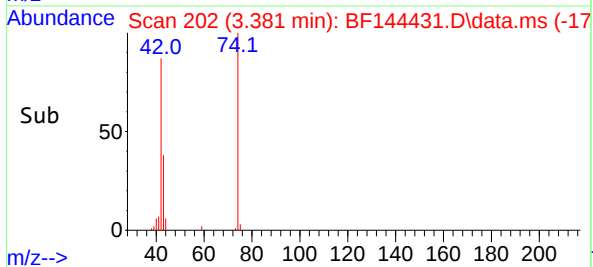
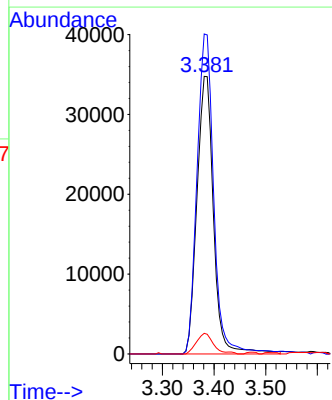
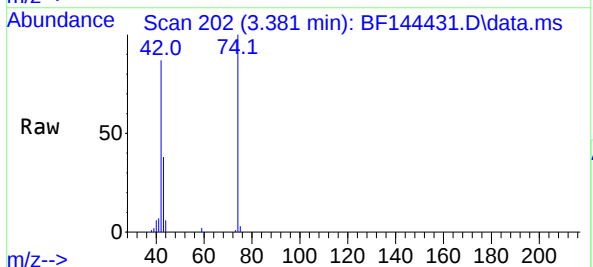
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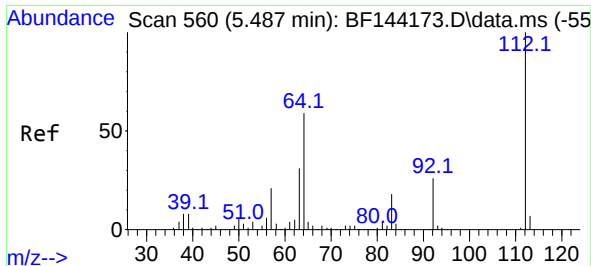
Tgt Ion: 79 Resp: 149481
Ion Ratio Lower Upper
79 100
52 79.9 64.5 96.7
51 38.7 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 45.814 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.035 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion: 42 Resp: 77432
Ion Ratio Lower Upper
42 100
74 115.3 88.2 132.4
44 7.4 5.7 8.5

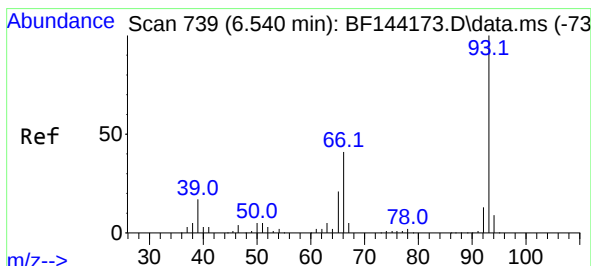
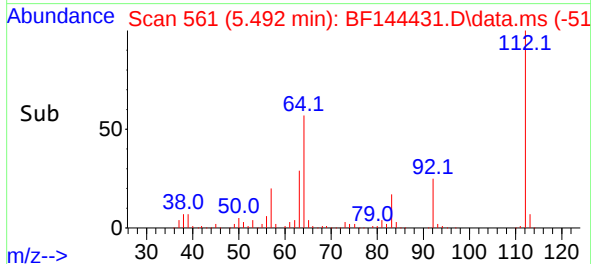
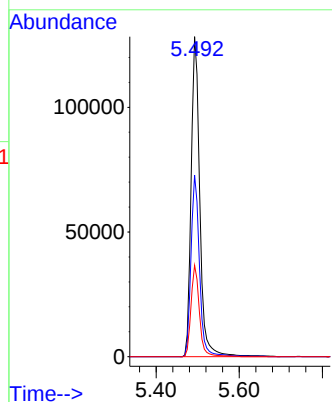
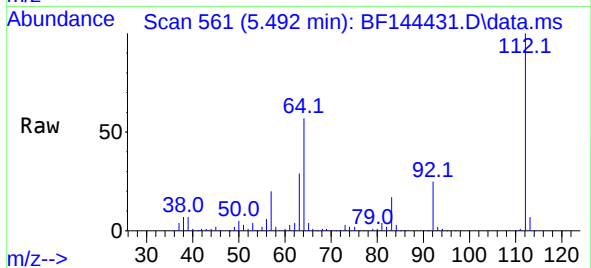




#5
2-Fluorophenol
Concen: 66.333 ng
RT: 5.492 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

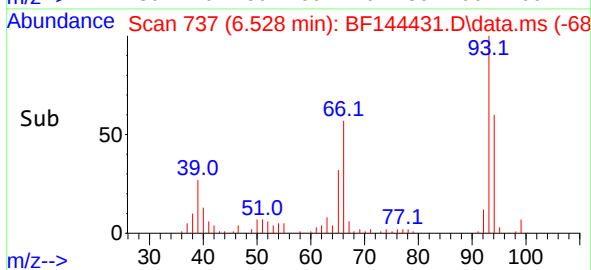
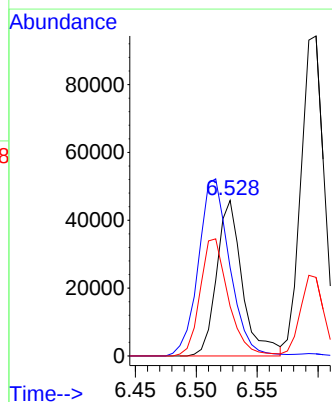
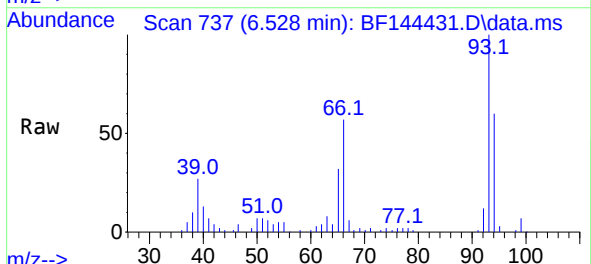
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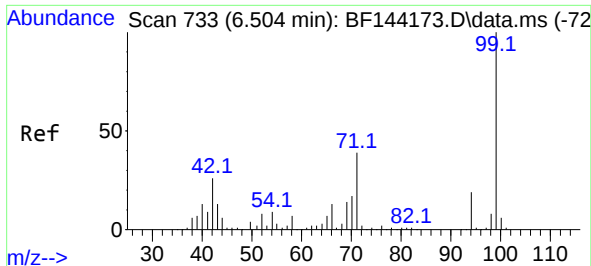
Tgt Ion:112 Resp: 186081
Ion Ratio Lower Upper
112 100
64 56.8 47.2 70.8
63 28.6 24.4 36.6



#6
Aniline
Concen: 14.899 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion: 93 Resp: 67473
Ion Ratio Lower Upper
93 100
66 56.9 34.3 51.5#
65 31.8 16.9 25.3#

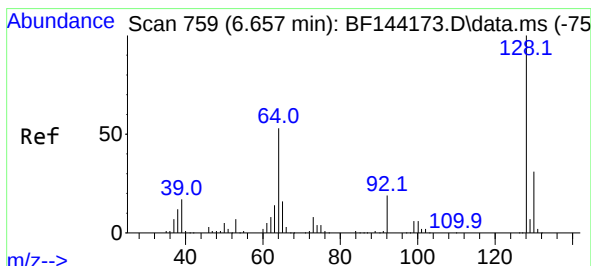
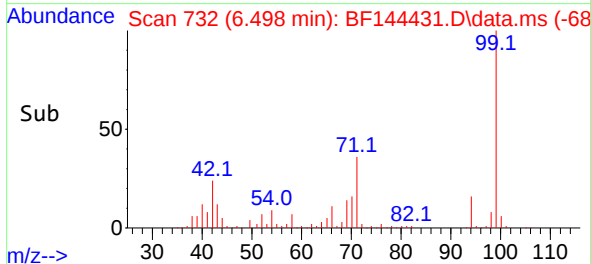
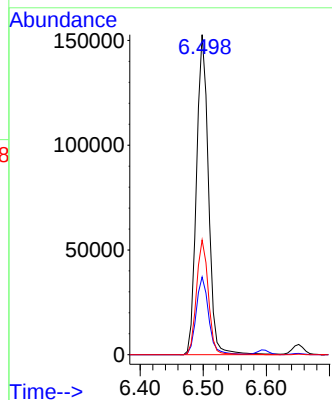
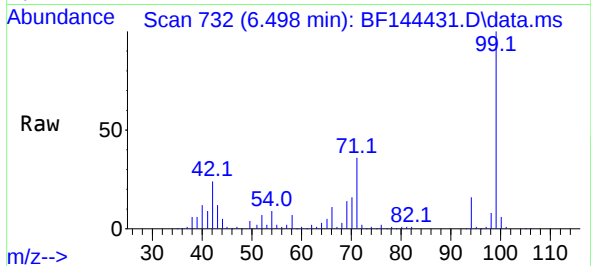




#7
Phenol-d6
Concen: 63.416 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

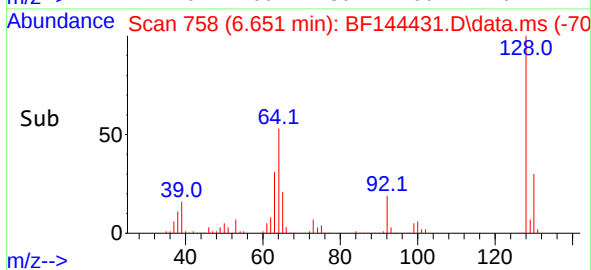
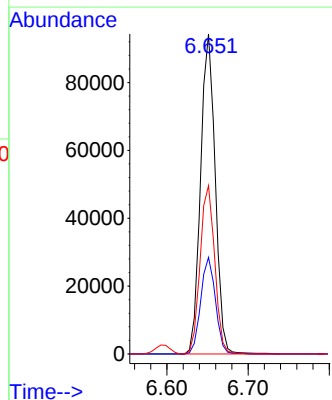
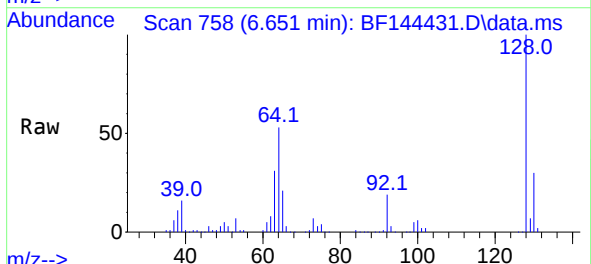
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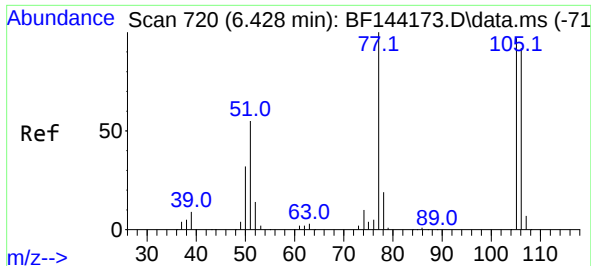
Tgt Ion: 99 Resp: 201575
Ion Ratio Lower Upper
99 100
42 24.3 20.9 31.3
71 35.9 31.4 47.2



#8
2-Chlorophenol
Concen: 43.005 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144431.D
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Tgt Ion:128 Resp: 118310
Ion Ratio Lower Upper
128 100
130 30.2 10.5 50.5
64 52.6 33.2 73.2

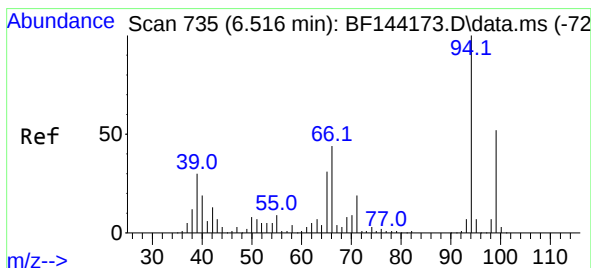
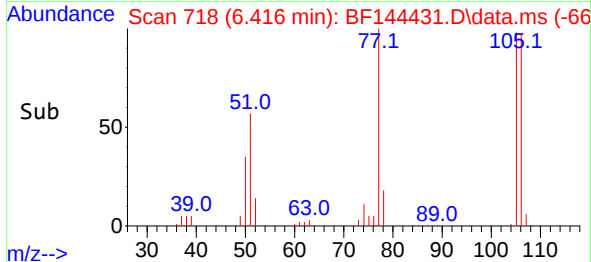
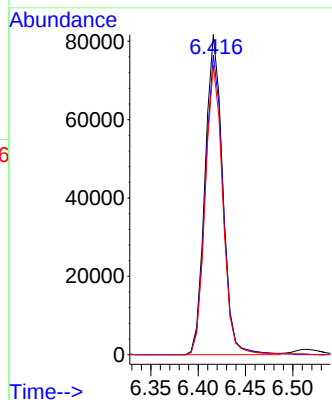
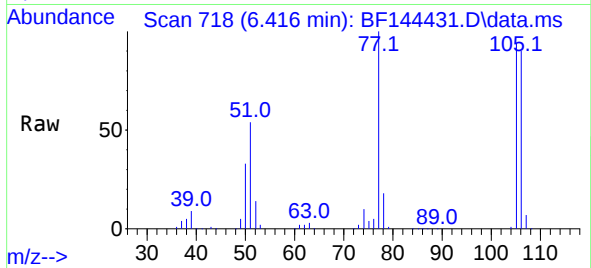




#9
Benzaldehyde
Concen: 58.719 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
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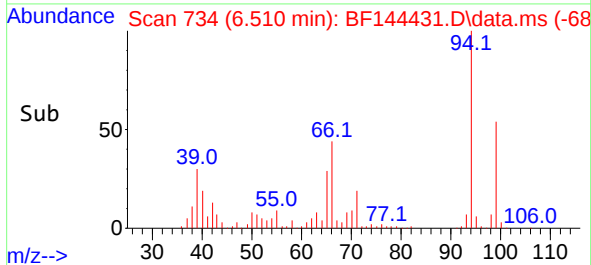
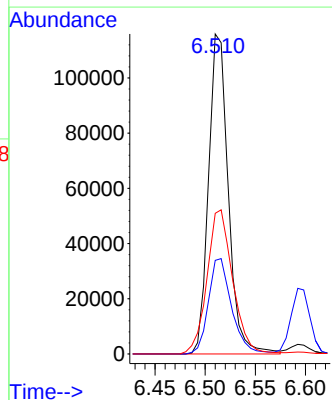
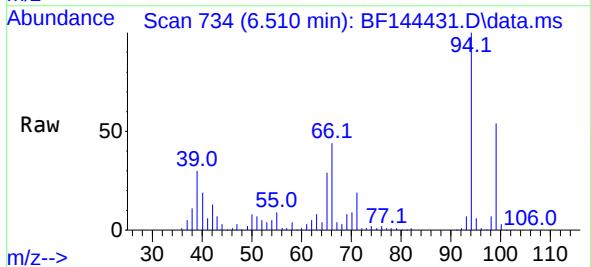
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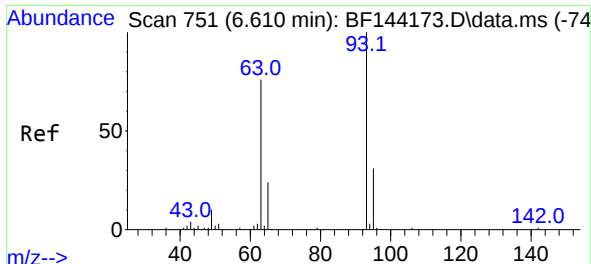
Tgt Ion: 77 Resp: 105395
Ion Ratio Lower Upper
77 100
105 93.7 77.2 117.2
106 90.4 72.2 112.2



#10
Phenol
Concen: 41.023 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 159315
Ion Ratio Lower Upper
94 100
65 29.2 10.8 50.8
66 43.9 24.3 64.3

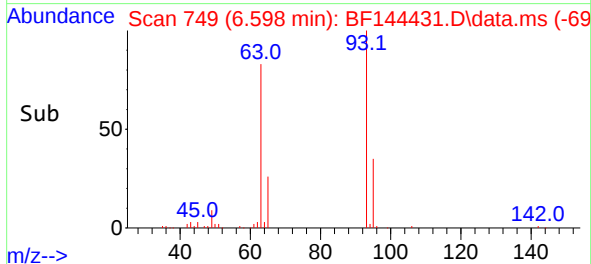
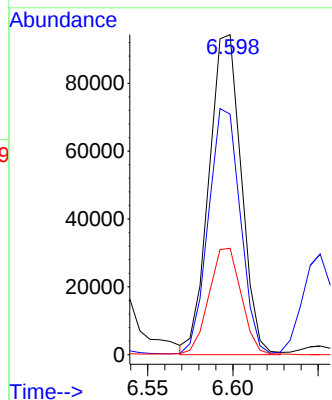
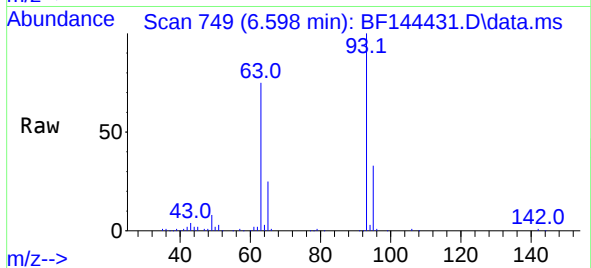




#11
bis(2-Chloroethyl)ether
Concen: 44.082 ng
RT: 6.598 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

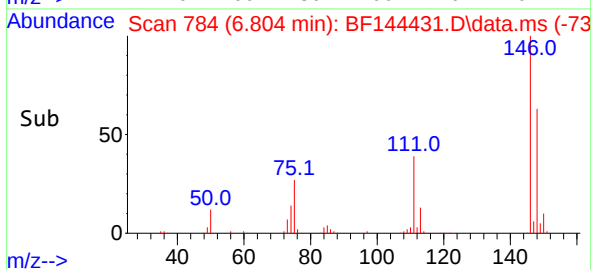
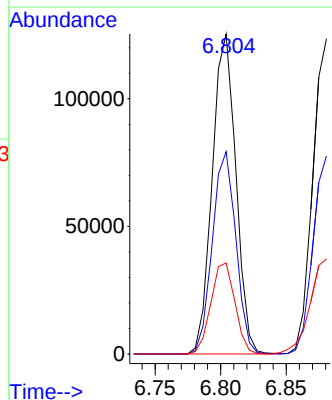
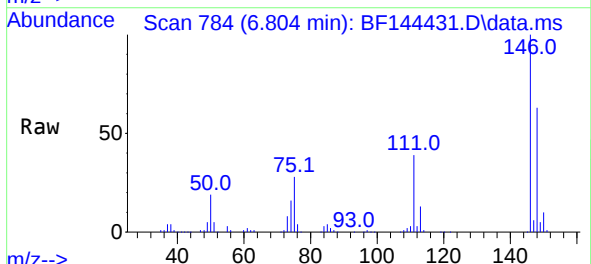
Instrument :
BNA_F
ClientSampleId :
346MS

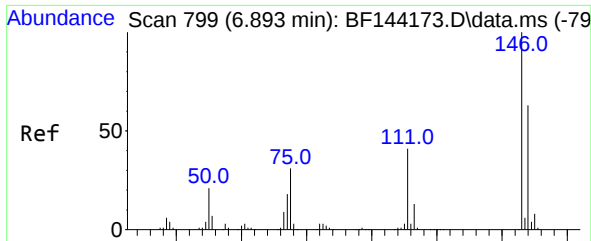
Tgt Ion: 93 Resp: 124745
Ion Ratio Lower Upper
93 100
63 75.1 55.2 95.2
95 33.2 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 46.261 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:146 Resp: 157046
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 28.4 25.0 37.4

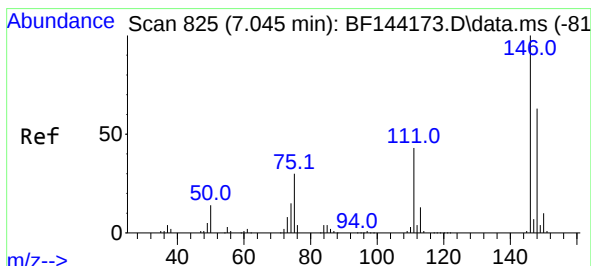
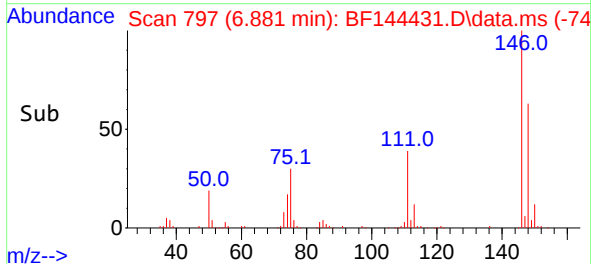
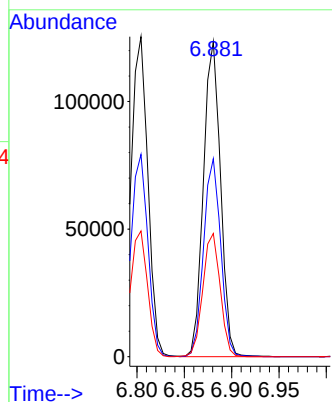
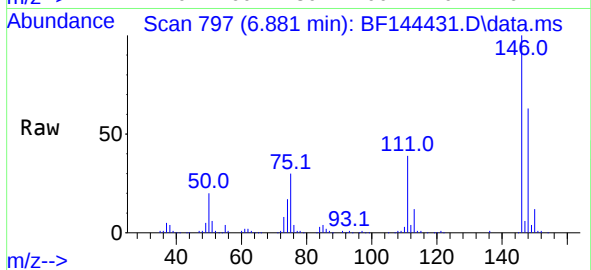




#13
1,4-Dichlorobenzene
Concen: 45.569 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

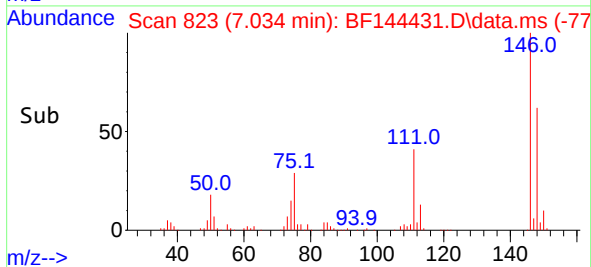
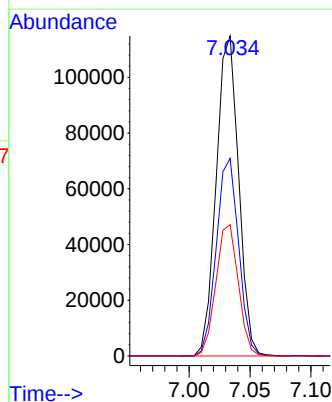
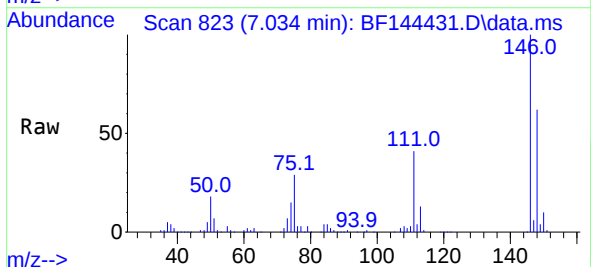
Instrument :
BNA_F
ClientSampleId :
346MS

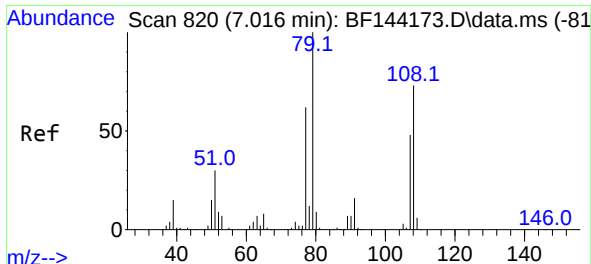
Tgt Ion:146 Resp: 154982
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.2
111 39.1 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 45.030 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:146 Resp: 146789
Ion Ratio Lower Upper
146 100
148 61.7 50.7 76.1
111 41.1 34.2 51.4

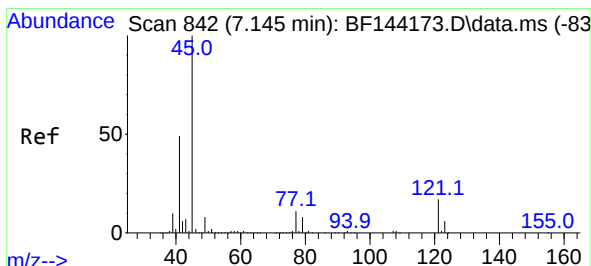
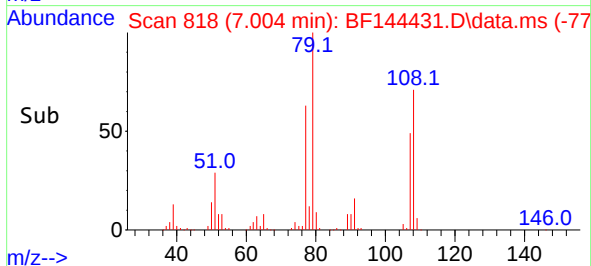
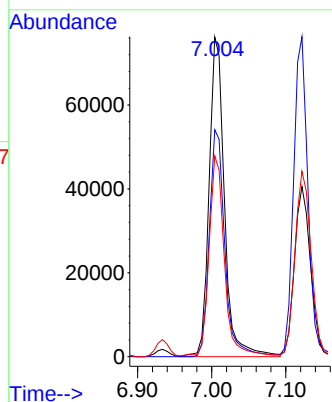
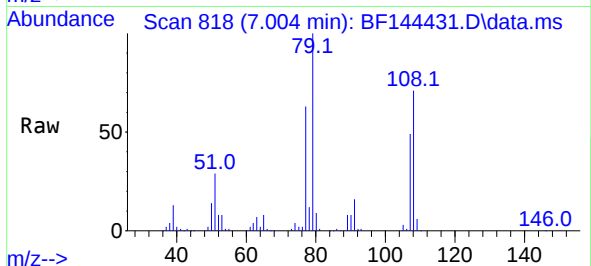




#15
Benzyl Alcohol
Concen: 43.602 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

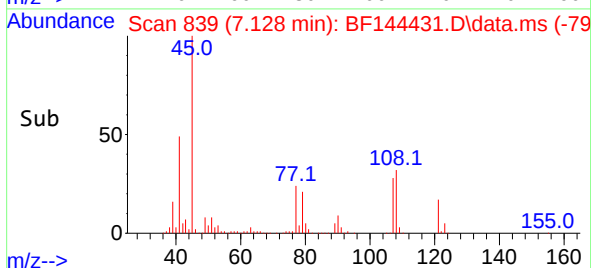
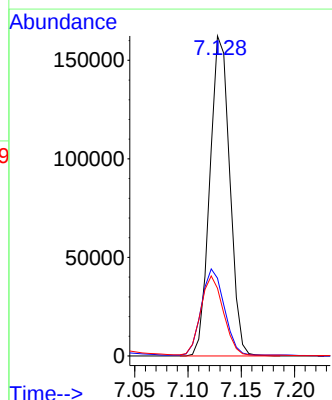
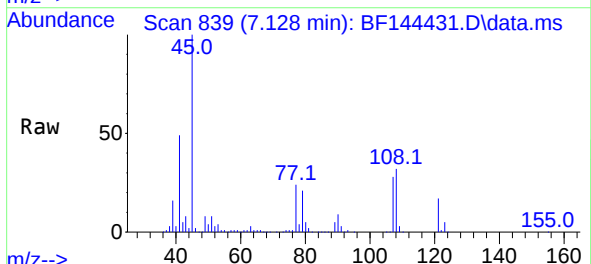
Instrument :
BNA_F
ClientSampleId :
346MS

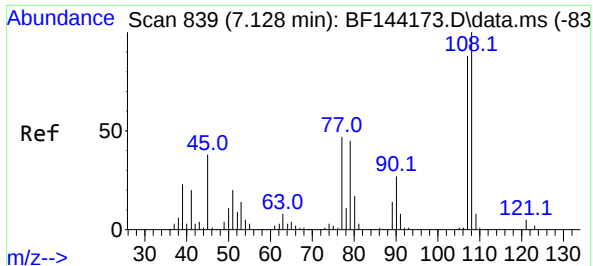
Tgt Ion: 79 Resp: 109743
Ion Ratio Lower Upper
79 100
108 71.0 58.2 87.4
77 62.8 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.445 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion: 45 Resp: 210766
Ion Ratio Lower Upper
45 100
77 24.3 0.0 31.8
79 21.1 0.0 29.1



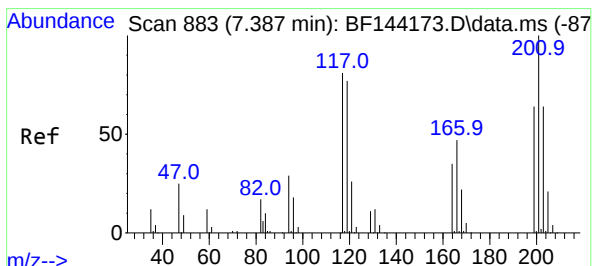
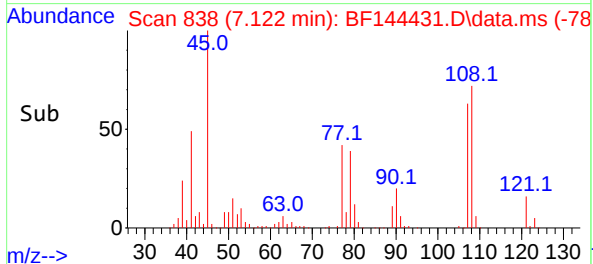
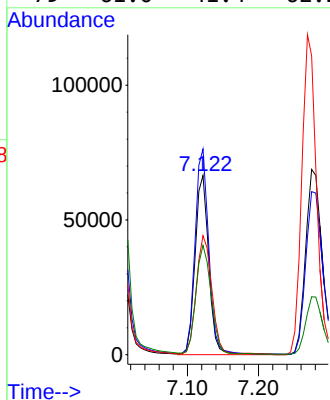
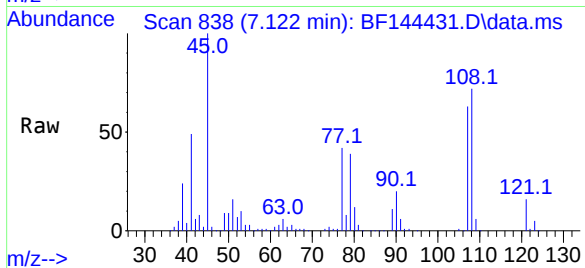


#17
2-Methylphenol
Concen: 40.904 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Instrument :
BNA_F
ClientSampleId :
346MS

Tgt Ion:107 Resp: 89522

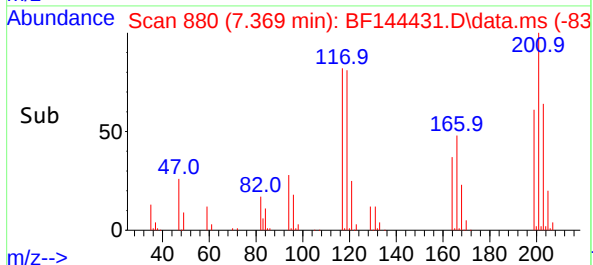
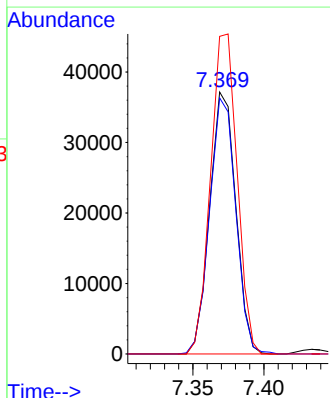
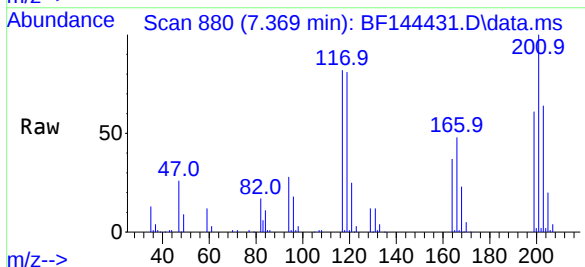
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.0	136.4
77	66.4	42.7	64.1#
79	61.0	41.4	62.2



#18
Hexachloroethane
Concen: 42.052 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:117 Resp: 47515

Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.8
201	121.2	98.9	148.3



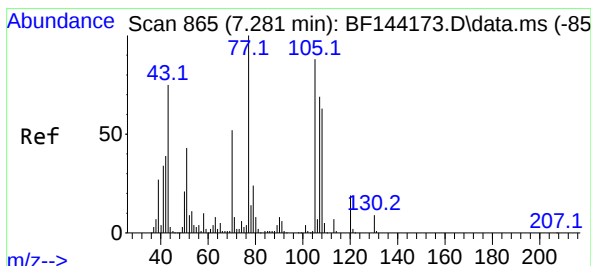
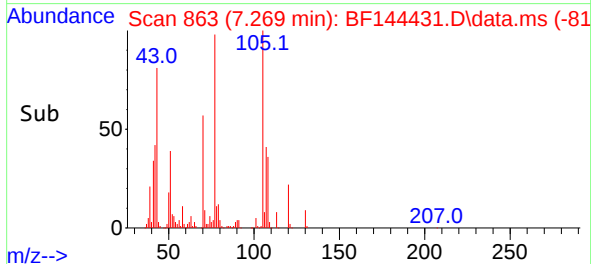
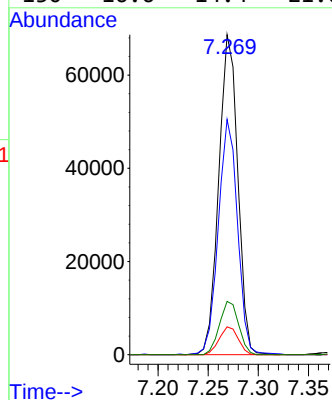
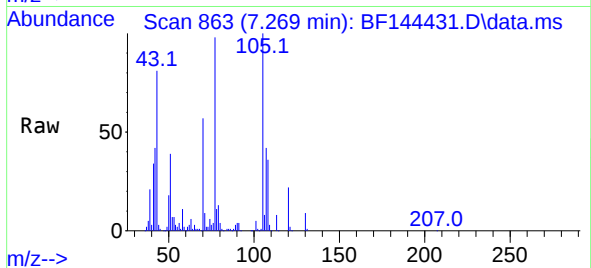


#19
n-Nitroso-di-n-propylamine
Concen: 43.274 ng
RT: 7.269 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Instrument :
BNA_F
ClientSampleId :
346MS

Tgt Ion: 70 Resp: 90550

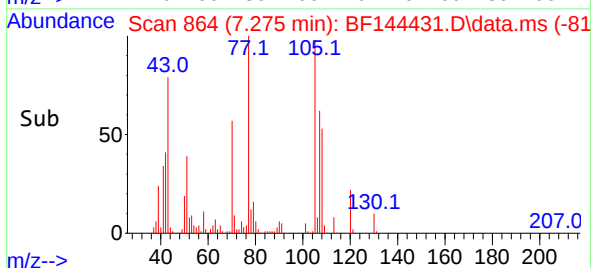
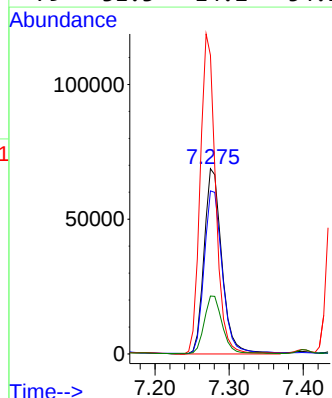
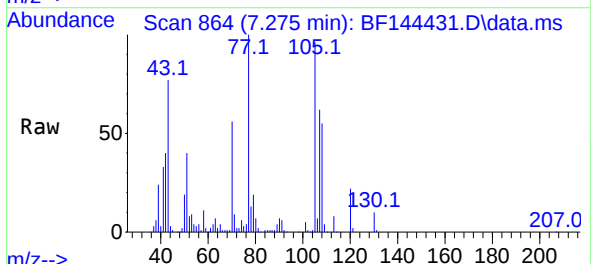
Ion	Ratio	Lower	Upper
70	100		
42	73.5	58.3	87.5
101	8.7	7.0	10.6
130	16.6	14.4	21.6

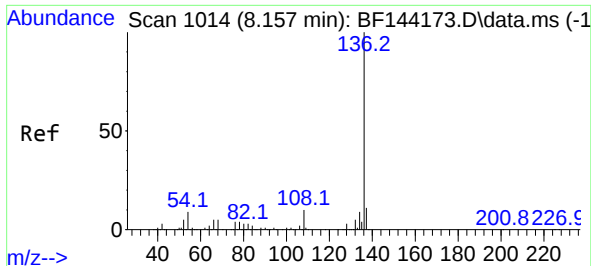


#20
3+4-Methylphenols
Concen: 44.493 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion: 107 Resp: 114790

Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.2	110.2
77	161.3	123.9	163.9
79	31.3	14.2	54.2



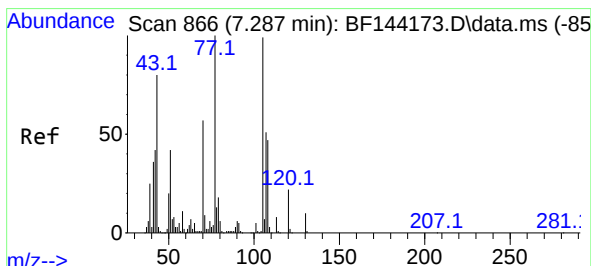
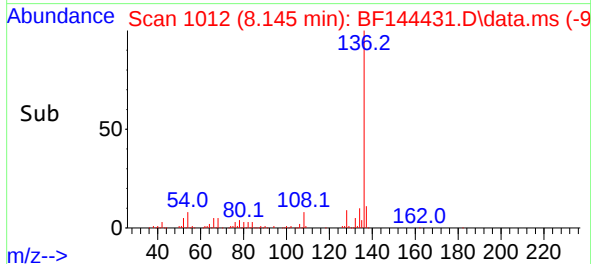
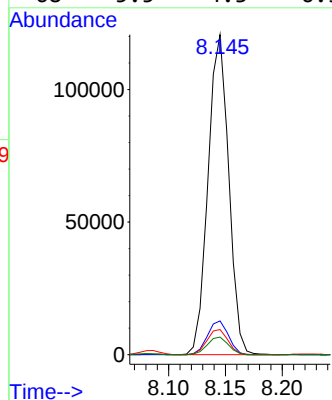
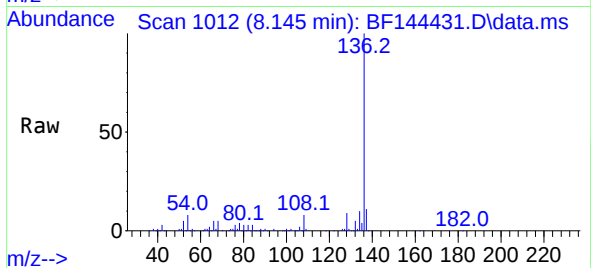


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Instrument :
BNA_F
ClientSampleId :
346MS

Tgt Ion:136 Resp: 152628

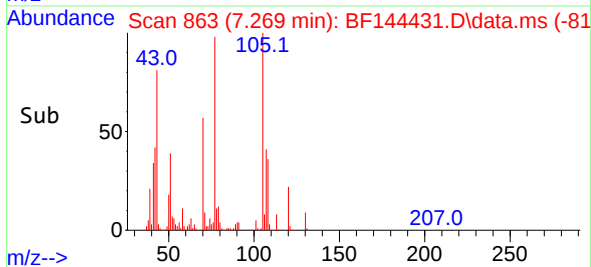
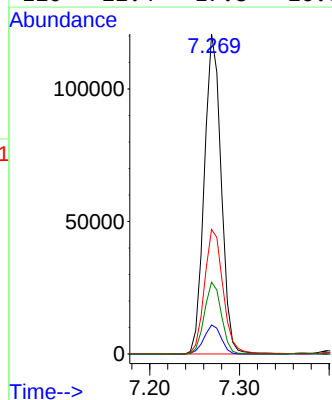
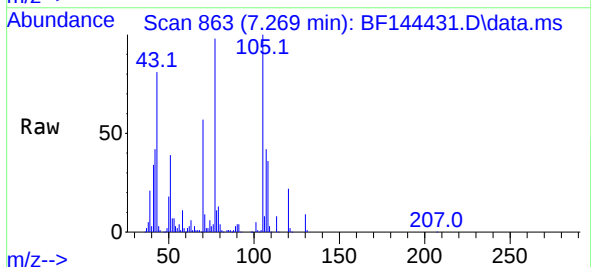
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.9	7.0	10.6
68	5.5	4.3	6.5

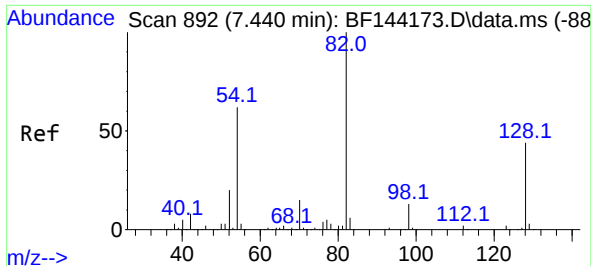


#22
Acetophenone
Concen: 48.122 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:105 Resp: 157562

Ion	Ratio	Lower	Upper
105	100		
71	9.0	7.2	10.8
51	38.9	34.0	51.0
120	22.4	17.8	26.6

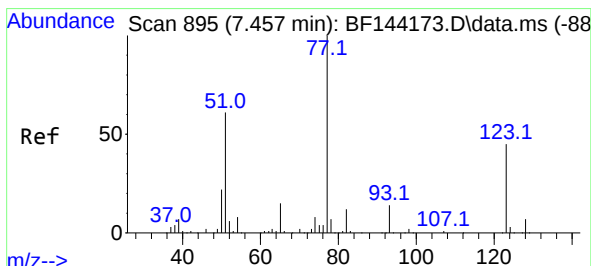
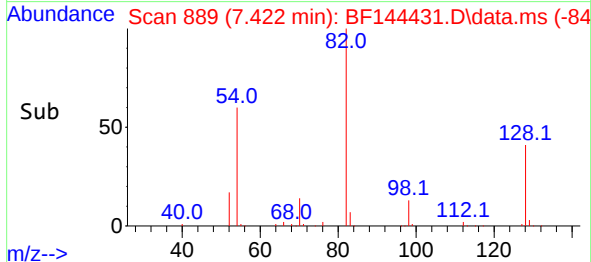
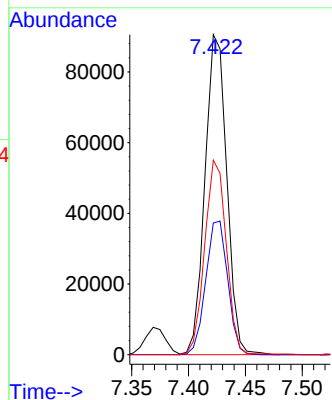
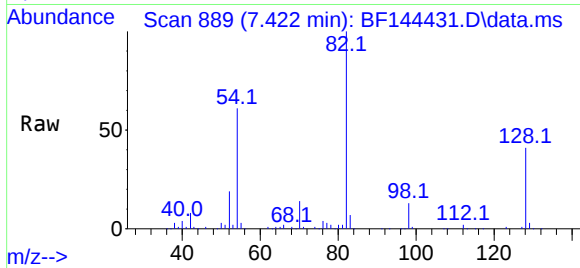




#23
Nitrobenzene-d5
Concen: 45.736 ng
RT: 7.422 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

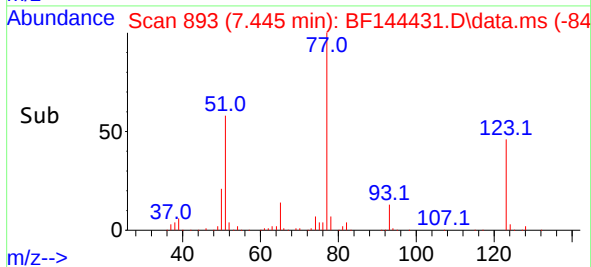
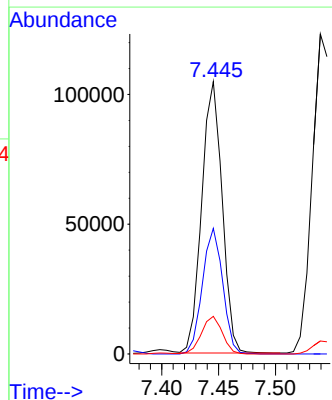
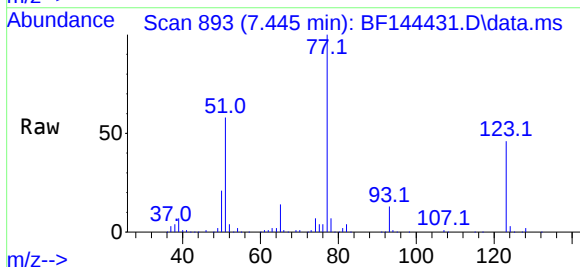
Instrument :
BNA_F
ClientSampleId :
346MS

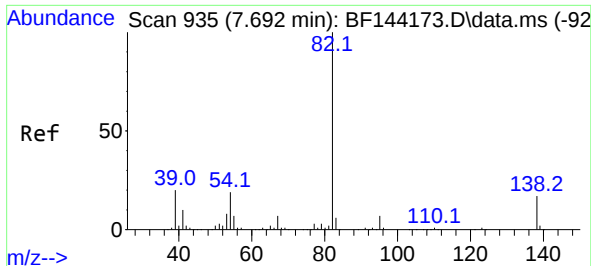
Tgt Ion: 82 Resp: 120866
Ion Ratio Lower Upper
82 100
128 41.2 34.7 52.1
54 60.8 49.5 74.3



#24
Nitrobenzene
Concen: 45.542 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

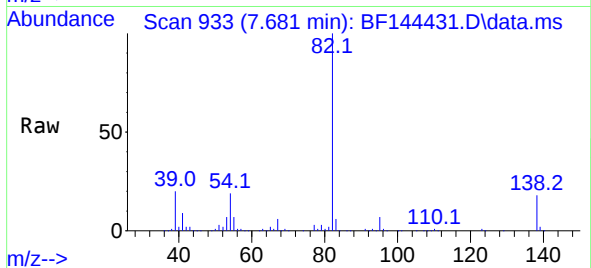
Tgt Ion: 77 Resp: 130676
Ion Ratio Lower Upper
77 100
123 46.1 35.8 53.8
65 13.8 12.2 18.2



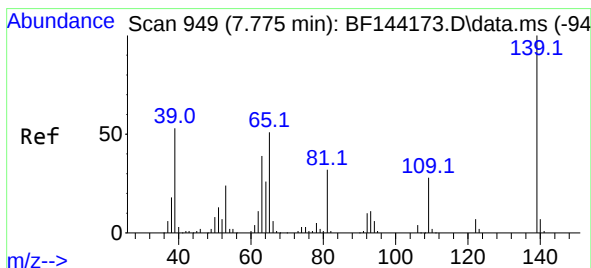
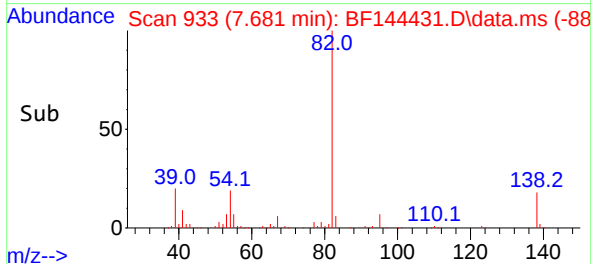
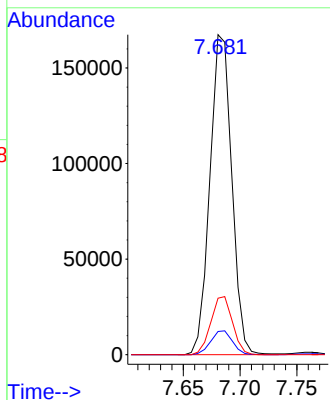


#25
Isophorone
Concen: 44.845 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Instrument :
BNA_F
ClientSampleId :
346MS

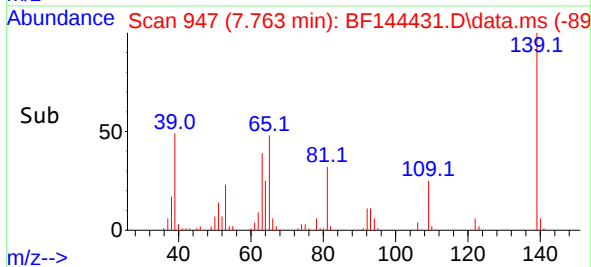
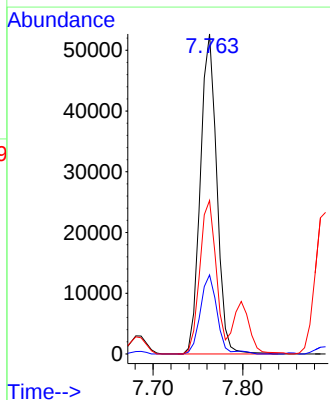
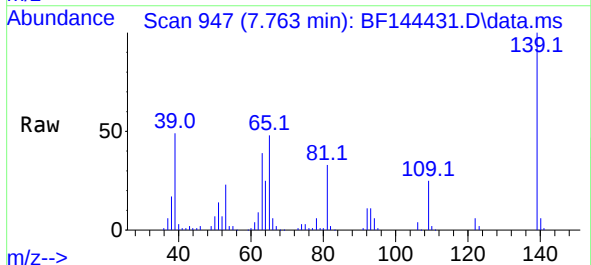


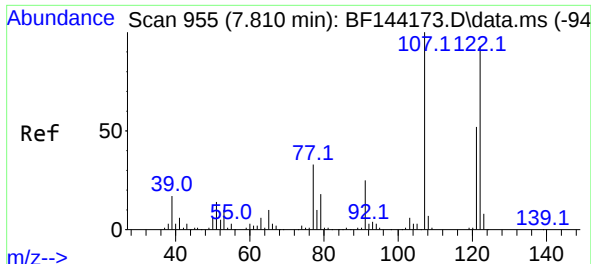
Tgt Ion: 82 Resp: 224166
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.7 13.7 20.5



#26
2-Nitrophenol
Concen: 47.137 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion: 139 Resp: 66952
Ion Ratio Lower Upper
139 100
109 24.7 22.2 33.2
65 48.0 40.7 61.1

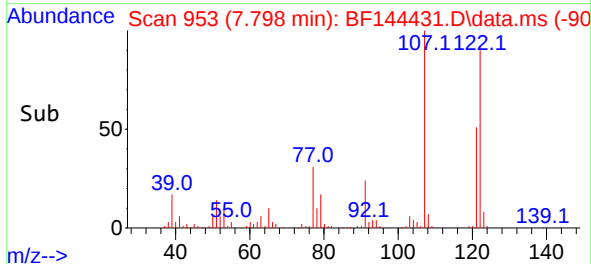
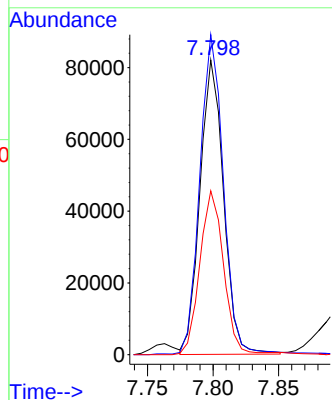
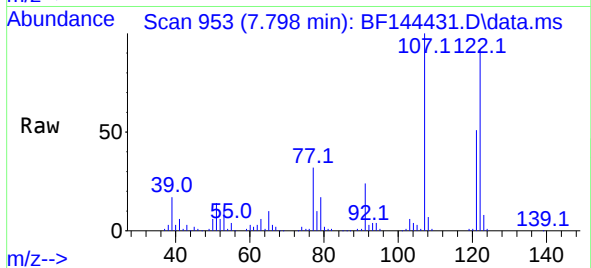




#27
2,4-Dimethylphenol
Concen: 48.308 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

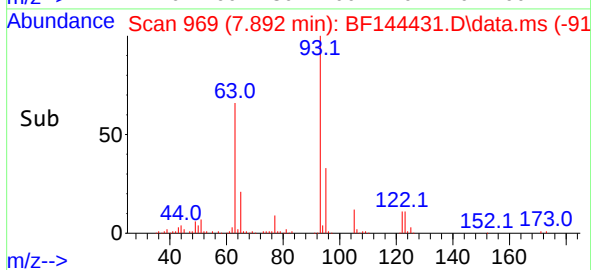
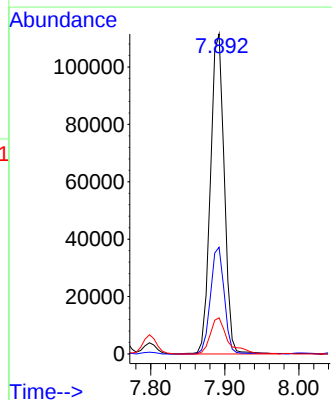
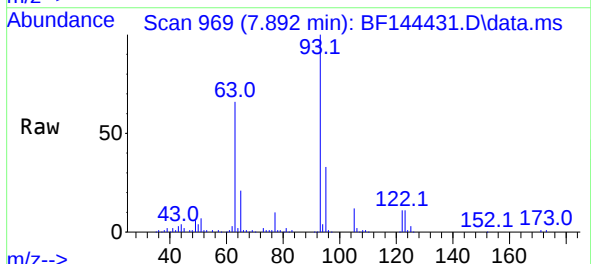
Instrument :
BNA_F
ClientSampleId :
346MS

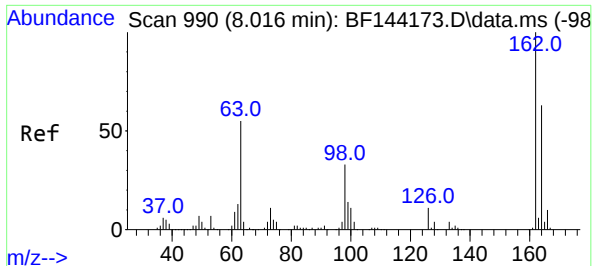
Tgt Ion:122 Resp: 102842
Ion Ratio Lower Upper
122 100
107 108.6 86.2 129.4
121 55.6 44.6 66.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.314 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion: 93 Resp: 144569
Ion Ratio Lower Upper
93 100
95 33.4 24.2 36.4
123 11.3 9.0 13.4

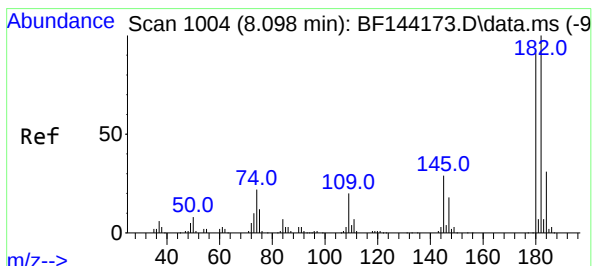
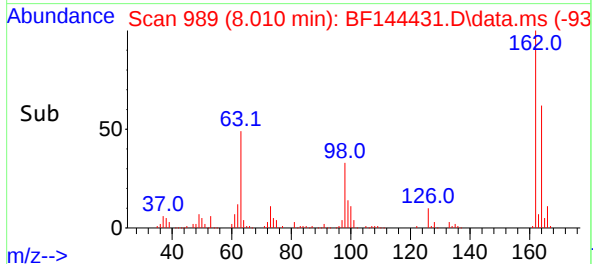
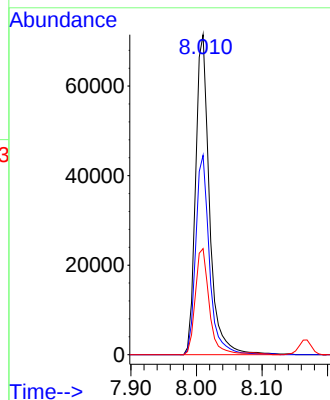
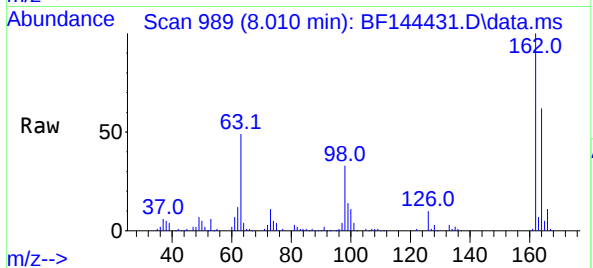




#29
2,4-Dichlorophenol
Concen: 43.025 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

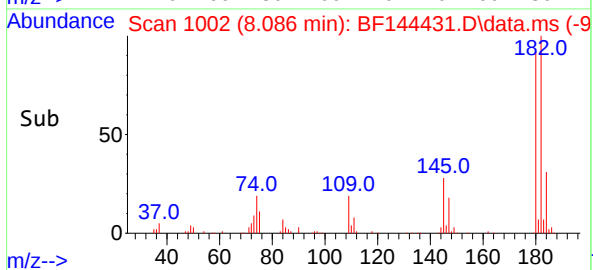
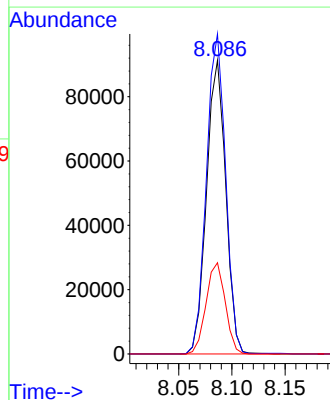
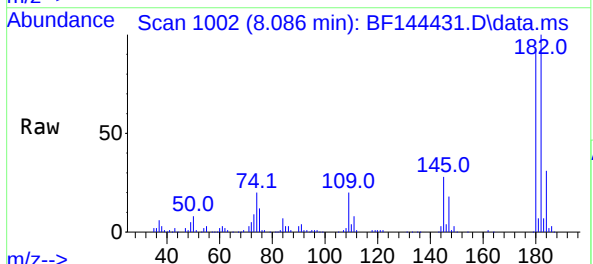
Instrument :
BNA_F
ClientSampleId :
346MS

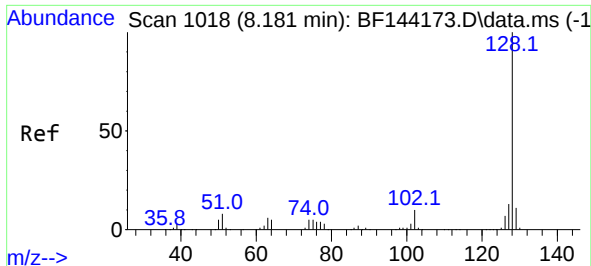
Tgt Ion:162 Resp: 105570
Ion Ratio Lower Upper
162 100
164 62.3 42.9 82.9
98 33.2 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 45.662 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

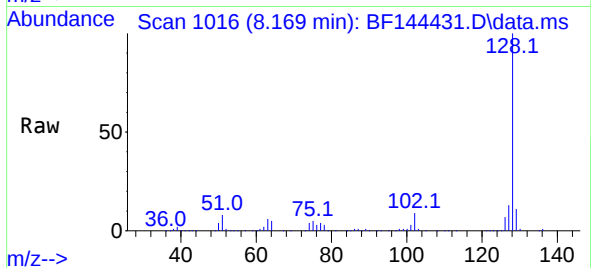
Tgt Ion:180 Resp: 115050
Ion Ratio Lower Upper
180 100
182 109.0 87.7 131.5
145 31.0 25.4 38.0



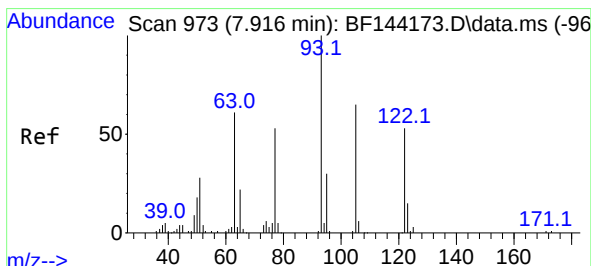
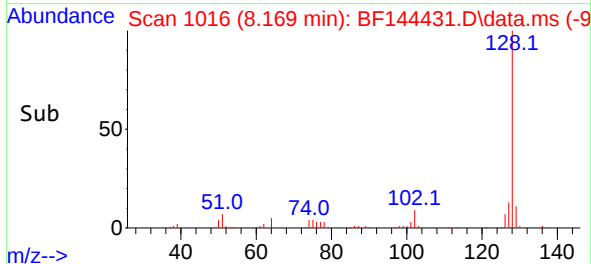
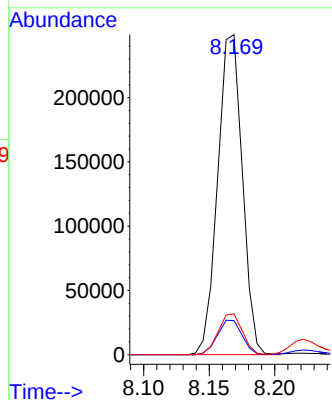


#31
Naphthalene
Concen: 44.797 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Instrument :
BNA_F
ClientSampleId :
346MS

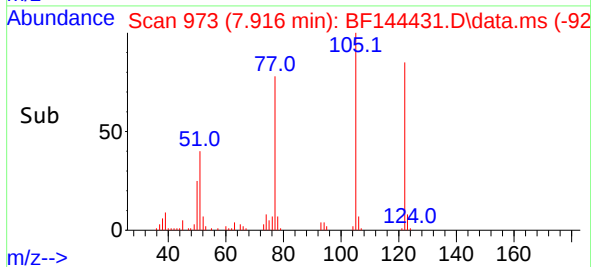
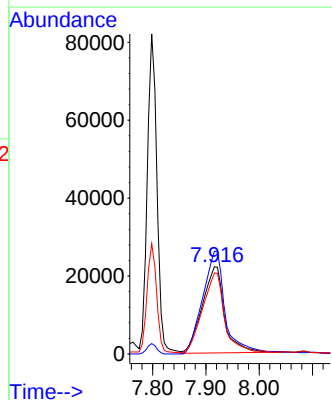
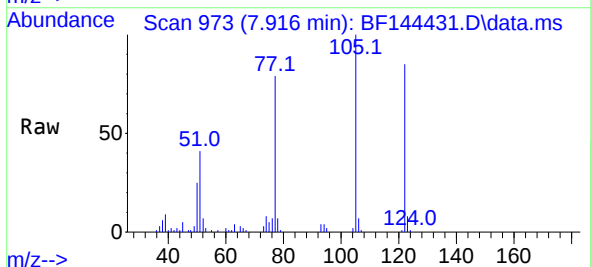


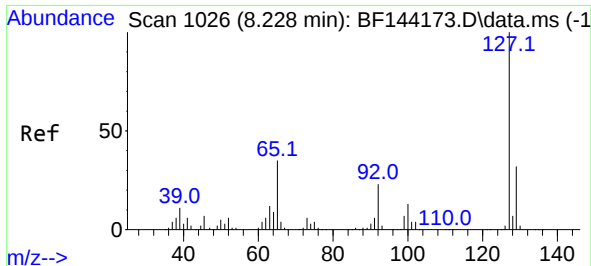
Tgt Ion:128 Resp: 325241
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 41.322 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:122 Resp: 64483
Ion Ratio Lower Upper
122 100
105 117.7 99.9 139.9
77 92.8 77.5 117.5

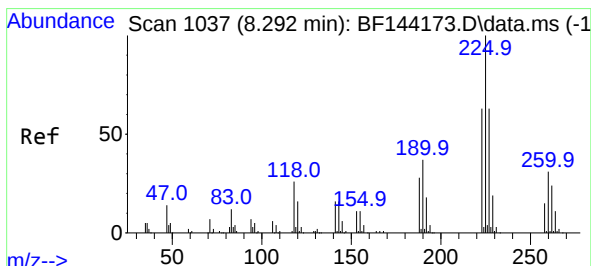
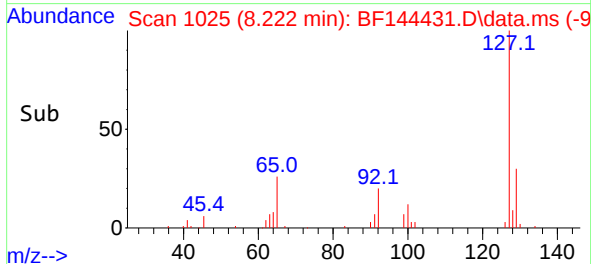
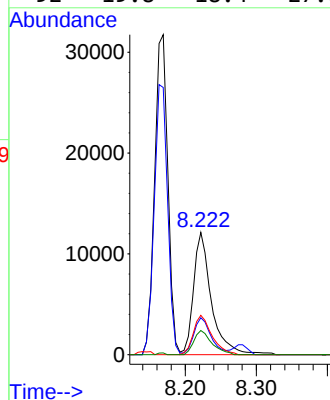
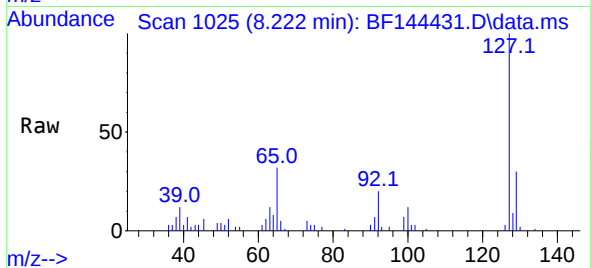




#33
4-Chloroaniline
Concen: 8.047 ng
RT: 8.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

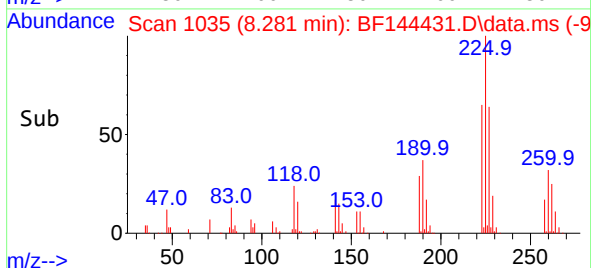
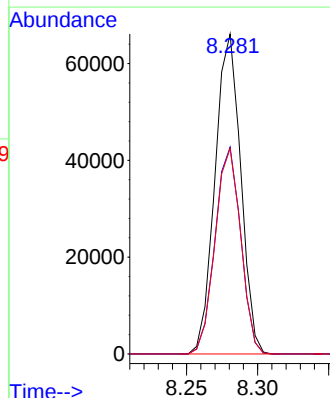
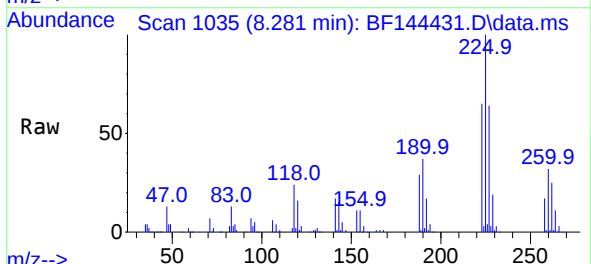
Instrument :
BNA_F
ClientSampleId :
346MS

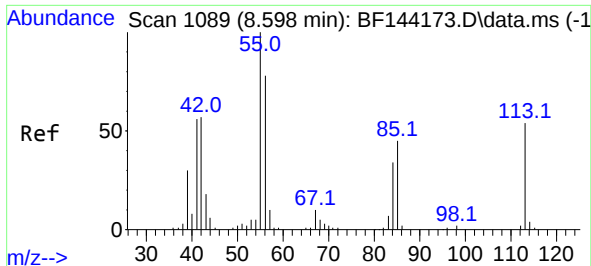
Tgt Ion:127	Resp:	21308
Ion	Ratio	Lower Upper
127	100	
129	30.2	25.3 37.9
65	32.2	27.6 41.4
92	19.8	18.4 27.6



#34
Hexachlorobutadiene
Concen: 43.804 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:225	Resp:	83178
Ion	Ratio	Lower Upper
225	100	
223	64.7	50.2 75.4
227	64.2	50.1 75.1

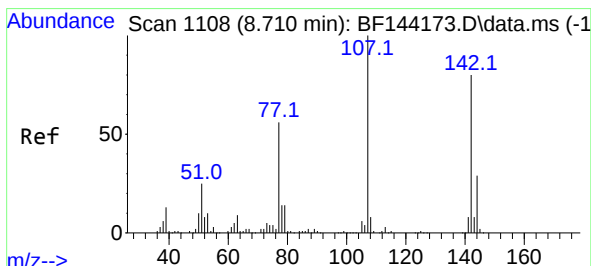
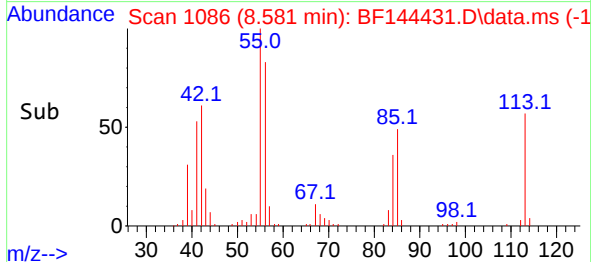
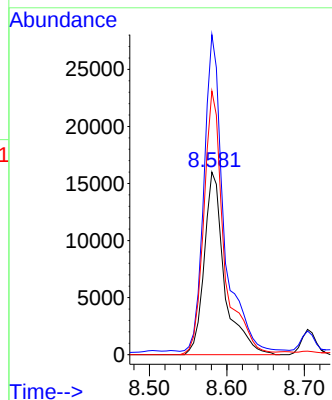
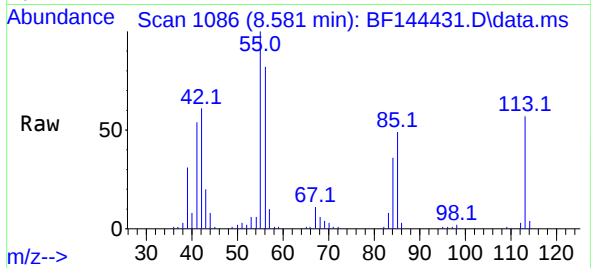




#35
 Caprolactam
 Concen: 43.322 ng
 RT: 8.581 min Scan# 1086
 Delta R.T. -0.041 min
 Lab File: BF144431.D
 Acq: 04 Dec 2025 15:38

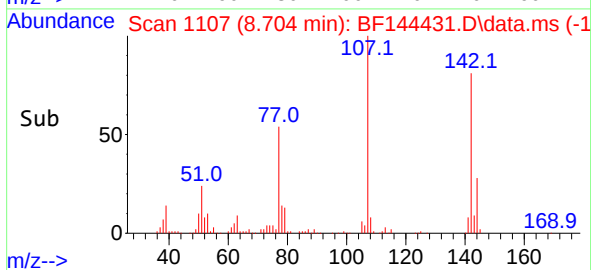
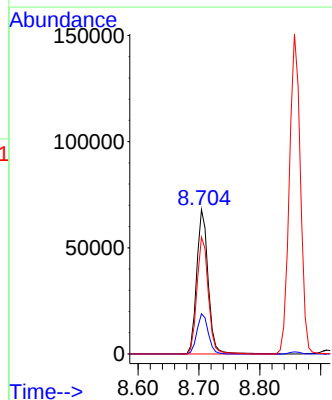
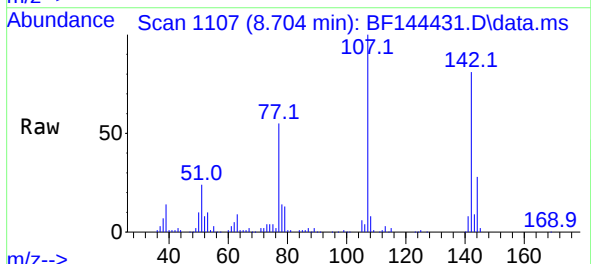
Instrument :
 BNA_F
 ClientSampleId :
 346MS

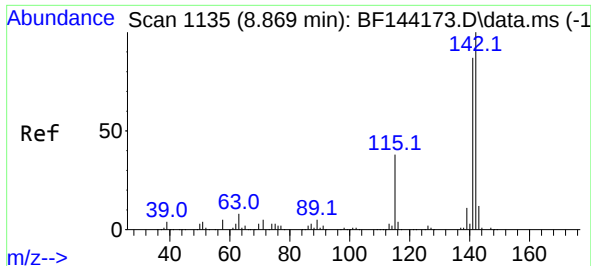
Tgt Ion:113 Resp: 29123
 Ion Ratio Lower Upper
 113 100
 55 175.3 166.8 206.8
 56 144.4 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.409 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF144431.D
 Acq: 04 Dec 2025 15:38

Tgt Ion:107 Resp: 88861
 Ion Ratio Lower Upper
 107 100
 144 27.8 23.3 34.9
 142 80.9 63.8 95.6





#37

2-Methylnaphthalene

Concen: 39.063 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.012 min

Lab File: BF144431.D

Acq: 04 Dec 2025 15:38

Instrument :

BNA_F

ClientSampleId :

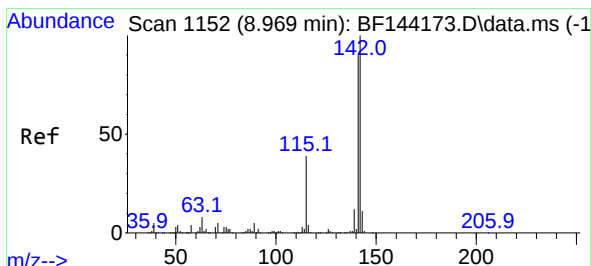
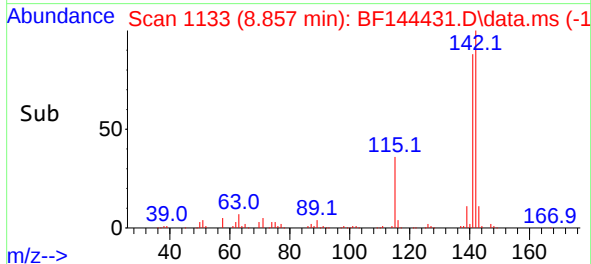
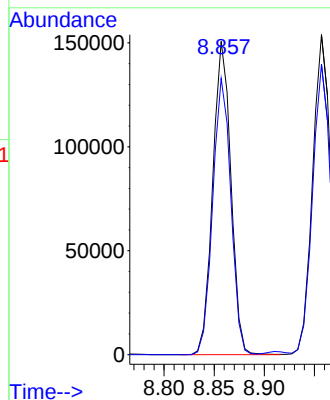
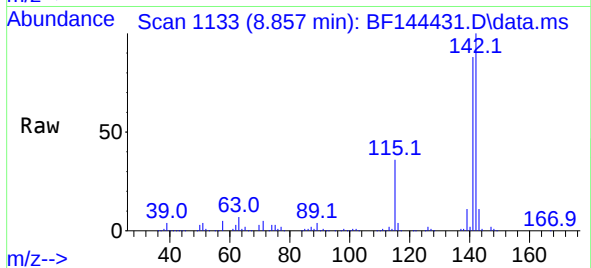
346MS

Tgt Ion:142 Resp: 189622

Ion Ratio Lower Upper

142 100

141 88.2 69.9 104.9



#38

1-Methylnaphthalene

Concen: 41.048 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144431.D

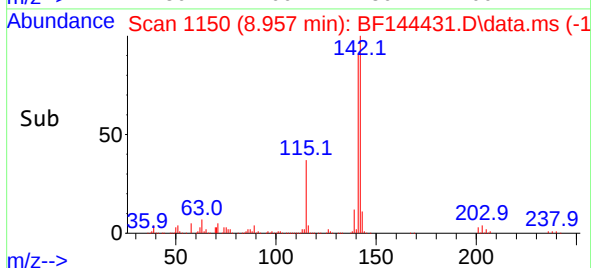
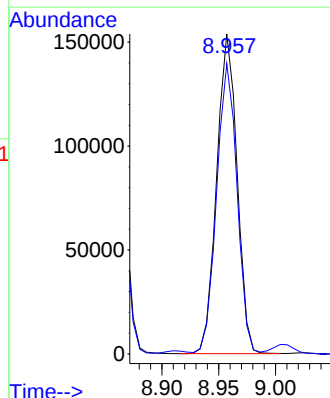
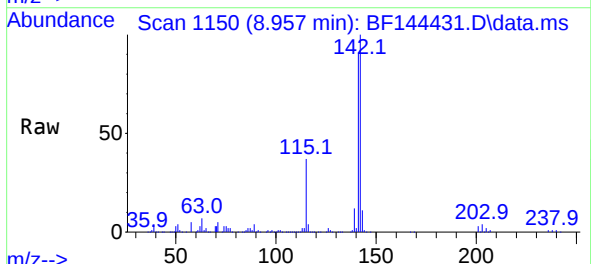
Acq: 04 Dec 2025 15:38

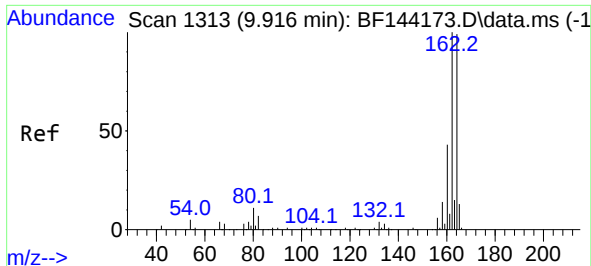
Tgt Ion:142 Resp: 192259

Ion Ratio Lower Upper

142 100

141 90.7 72.1 108.1

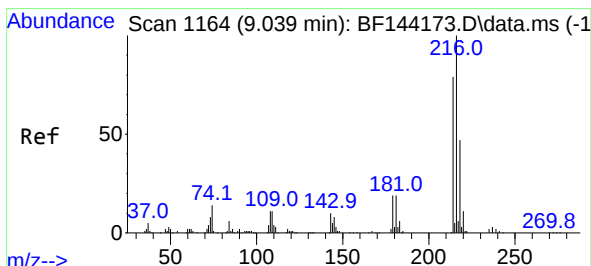
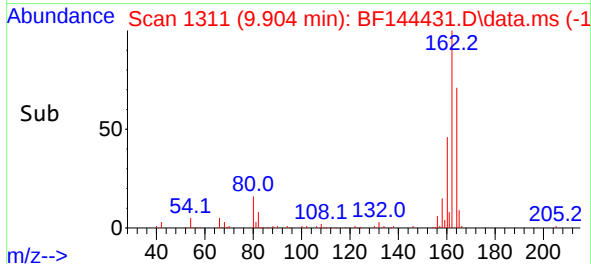
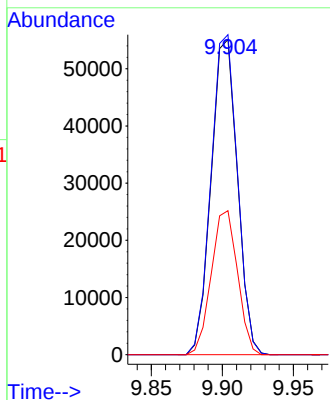
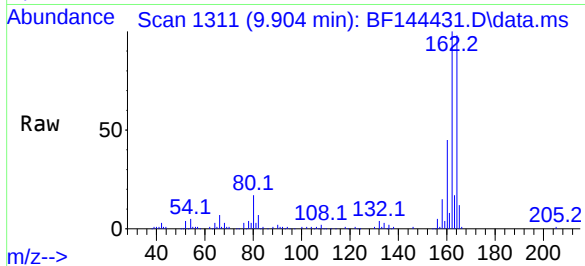




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 111
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

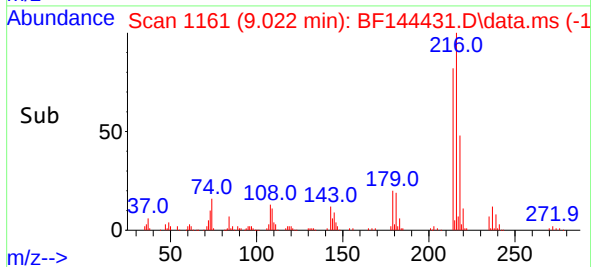
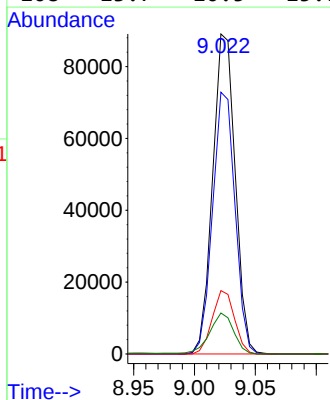
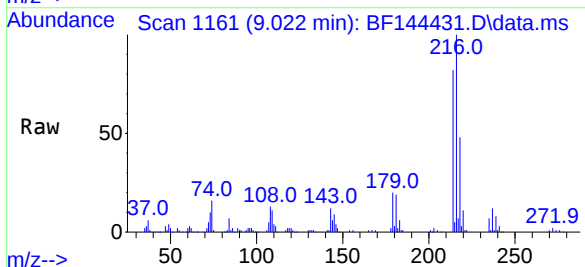
Instrument :
BNA_F
ClientSampleId :
346MS

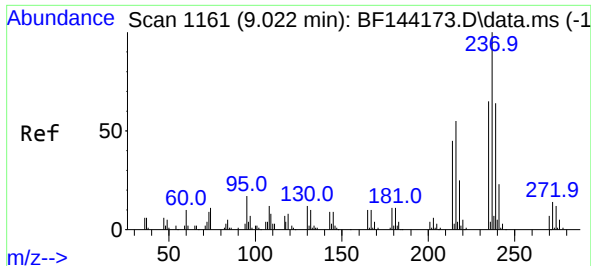
Tgt Ion:164 Resp: 71062
Ion Ratio Lower Upper
164 100
162 101.5 81.1 121.7
160 45.7 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.388 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:216 Resp: 115020
Ion Ratio Lower Upper
216 100
214 81.2 63.4 95.2
179 19.5 15.0 22.4
108 13.7 10.5 15.7

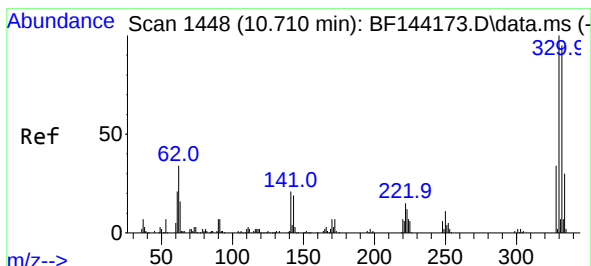
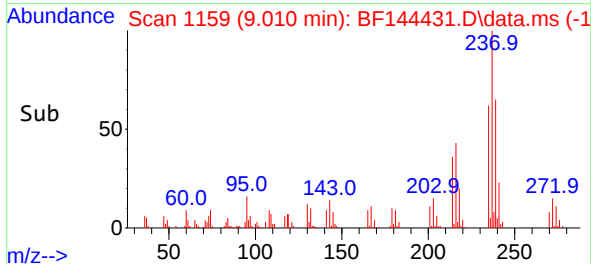
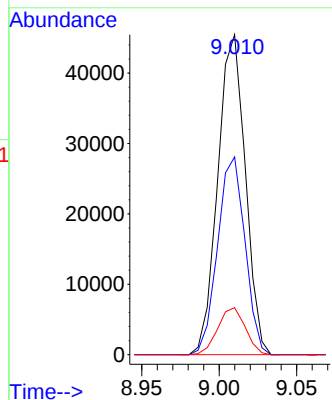
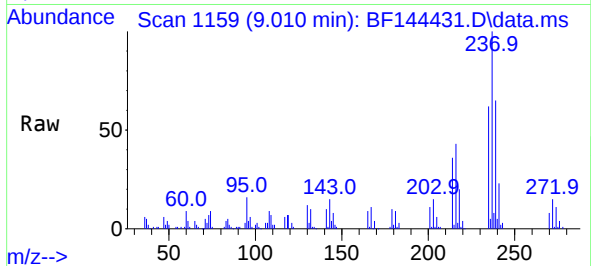




#41
Hexachlorocyclopentadiene
Concen: 66.407 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.018 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

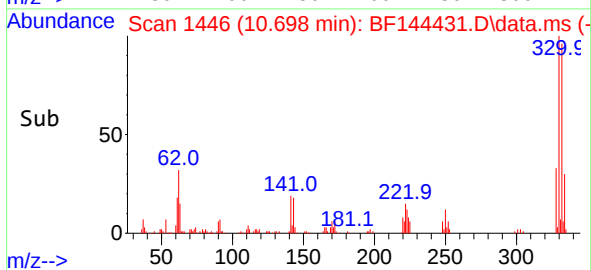
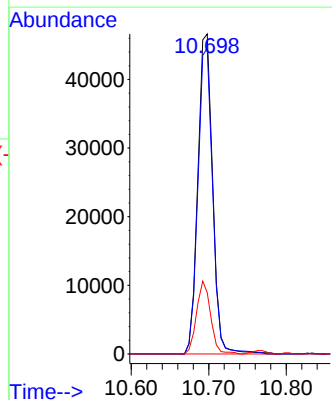
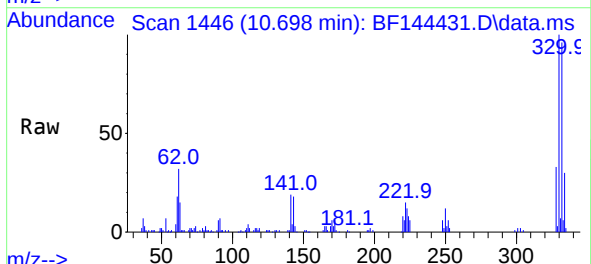
Instrument :
BNA_F
ClientSampleId :
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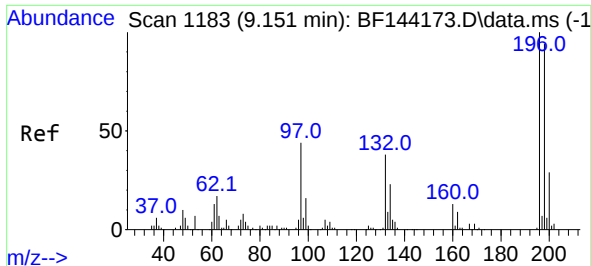
Tgt Ion:237 Resp: 56220
Ion Ratio Lower Upper
237 100
235 61.8 45.5 85.5
272 14.7 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 69.319 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:330 Resp: 61815
Ion Ratio Lower Upper
330 100
332 95.3 76.7 115.1
141 21.6 17.8 26.8

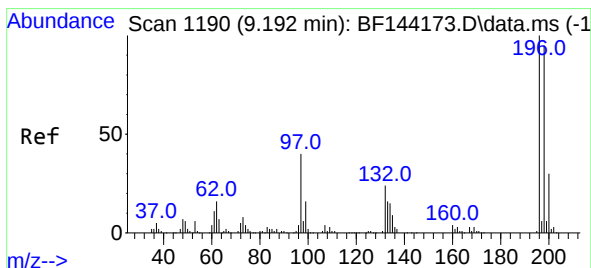
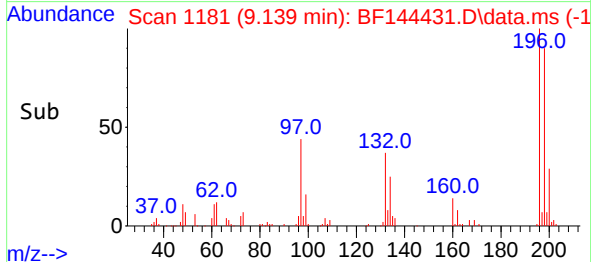
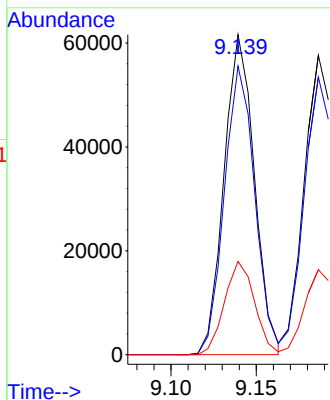
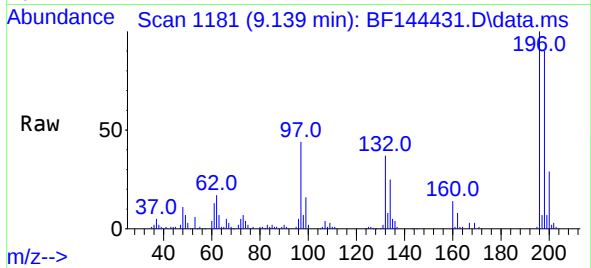




#43
2,4,6-Trichlorophenol
Concen: 48.159 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

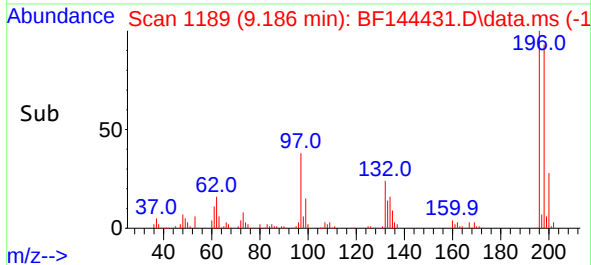
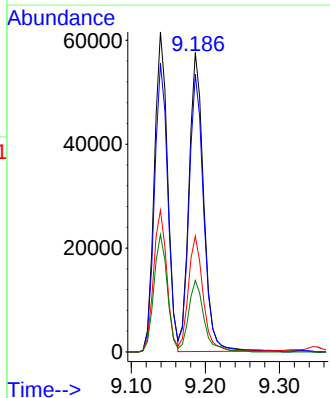
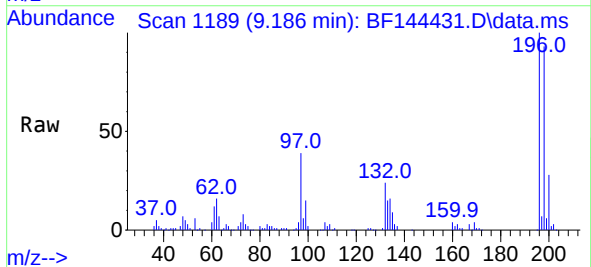
Instrument :
BNA_F
ClientSampleId :
346MS

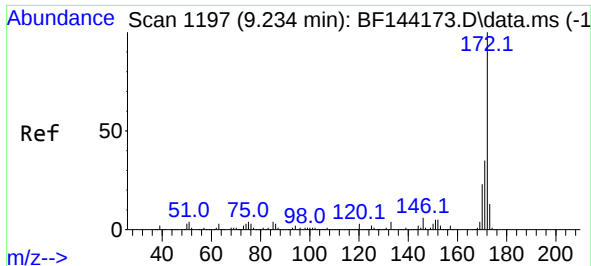
Tgt Ion:196 Resp: 76338
Ion Ratio Lower Upper
196 100
198 90.2 75.3 112.9
200 29.1 23.4 35.2



#44
2,4,5-Trichlorophenol
Concen: 46.165 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:196 Resp: 78868
Ion Ratio Lower Upper
196 100
198 92.7 76.1 114.1
97 38.7 31.9 47.9
132 23.9 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 52.915 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144431.D

Acq: 04 Dec 2025 15:38

Instrument :

BNA_F

ClientSampleId :

346MS

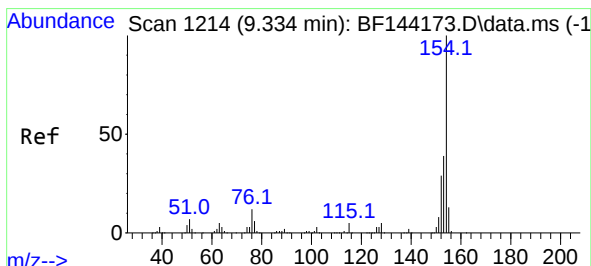
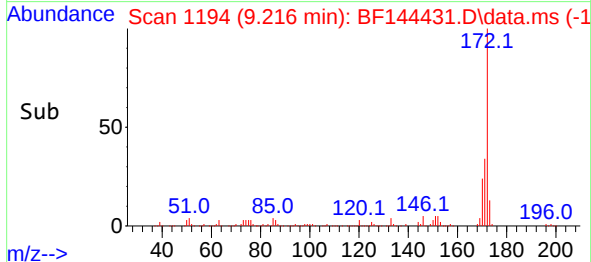
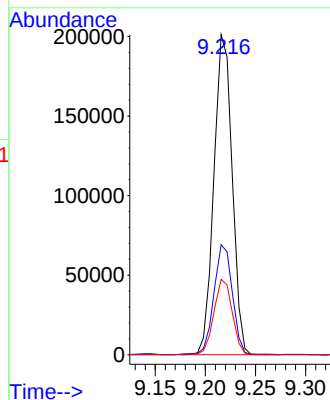
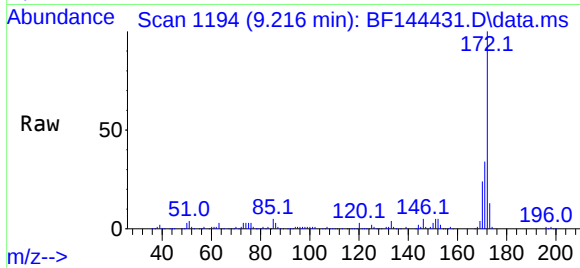
Tgt Ion:172 Resp: 254599

Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 49.331 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144431.D

Acq: 04 Dec 2025 15:38

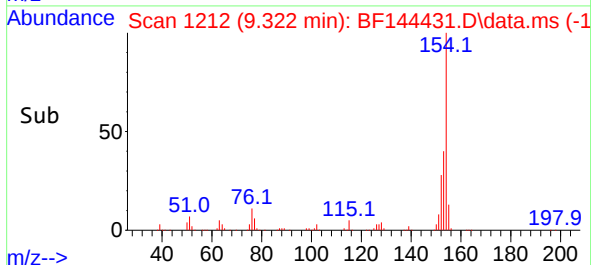
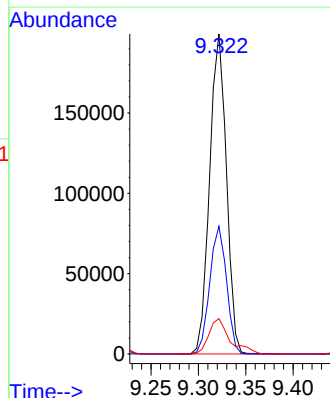
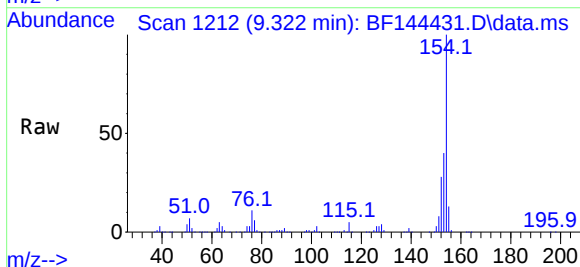
Tgt Ion:154 Resp: 244700

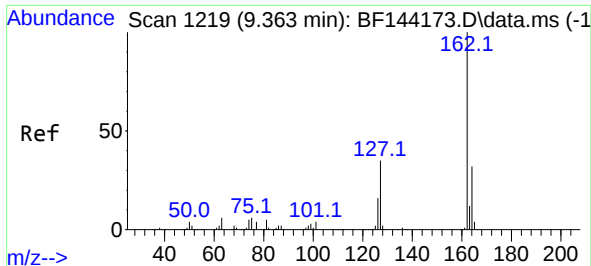
Ion Ratio Lower Upper

154 100

153 39.9 19.2 59.2

76 11.1 0.0 31.8





#47

2-Chloronaphthalene

Concen: 47.651 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144431.D

Acq: 04 Dec 2025 15:38

Instrument :

BNA_F

ClientSampleId :

346MS

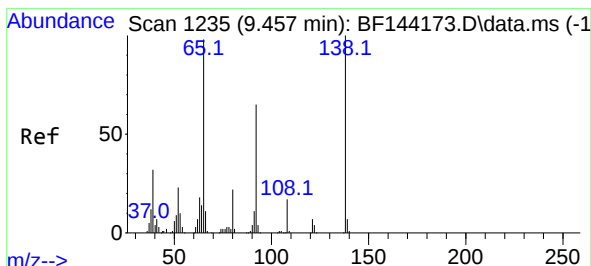
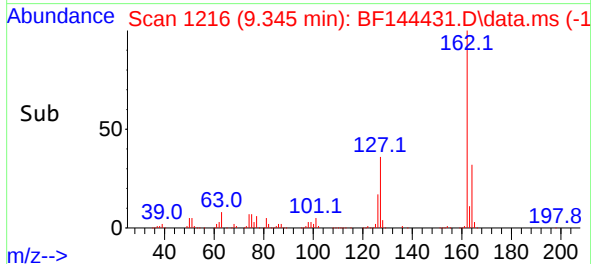
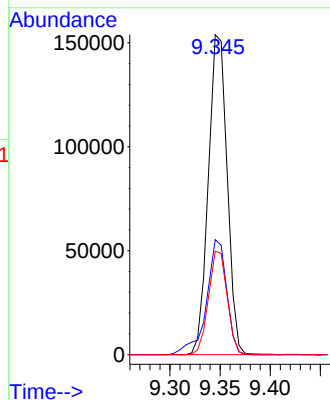
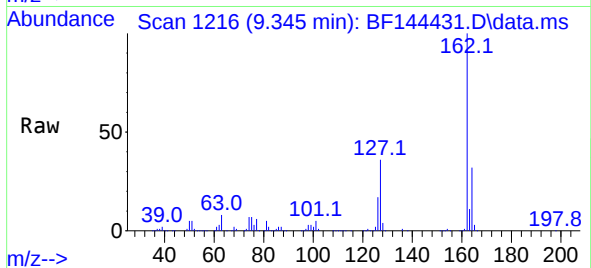
Tgt Ion:162 Resp: 201622

Ion Ratio Lower Upper

162 100

127 36.0 28.8 43.2

164 32.3 25.8 38.8



#48

2-Nitroaniline

Concen: 47.571 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144431.D

Acq: 04 Dec 2025 15:38

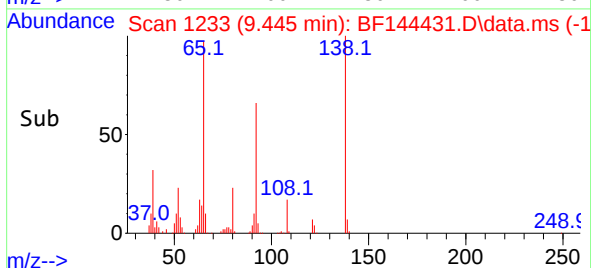
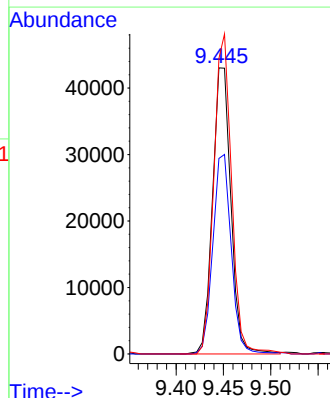
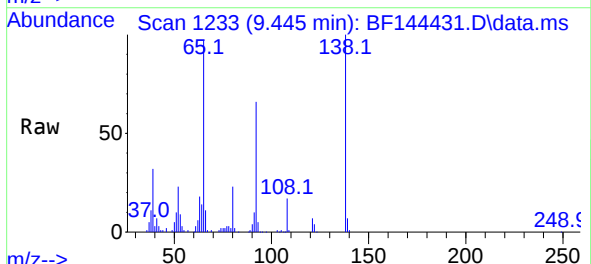
Tgt Ion: 65 Resp: 58077

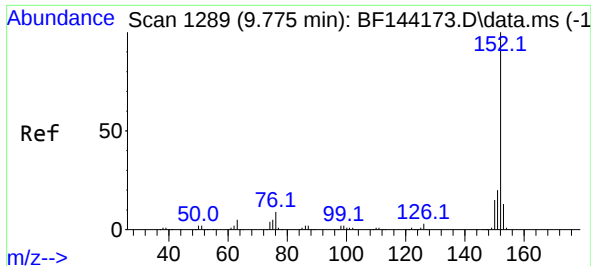
Ion Ratio Lower Upper

65 100

92 68.3 53.0 79.6

138 103.3 81.6 122.4





#49

Acenaphthylene

Concen: 53.991 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144431.D

Acq: 04 Dec 2025 15:38

Instrument :

BNA_F

ClientSampleId :

346MS

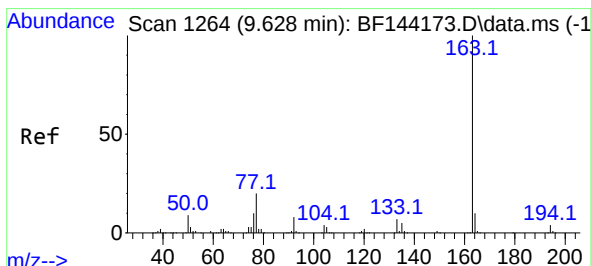
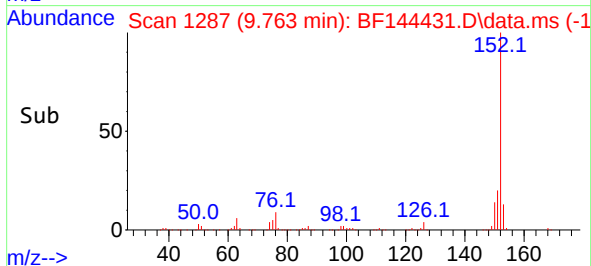
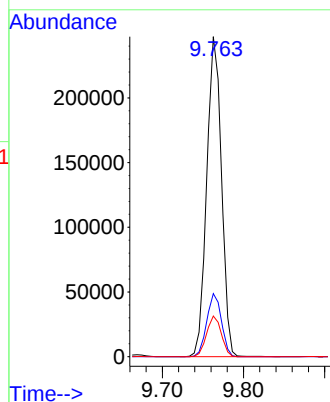
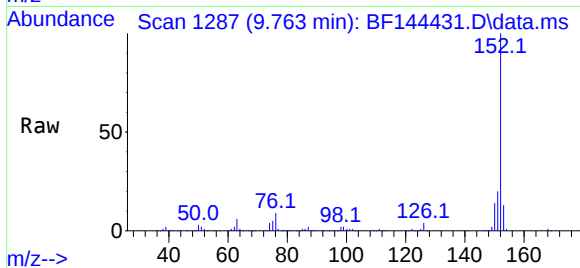
Tgt Ion:152 Resp: 311315

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.7 10.5 15.7



#50

Dimethylphthalate

Concen: 50.230 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144431.D

Acq: 04 Dec 2025 15:38

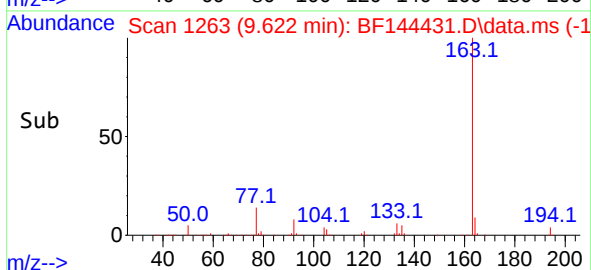
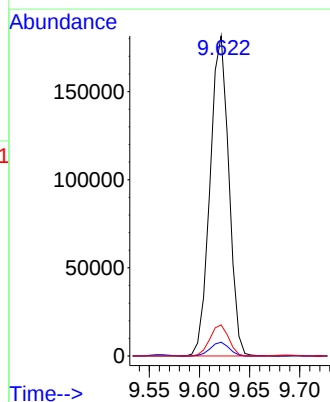
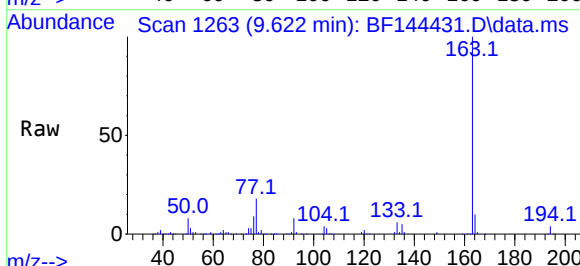
Tgt Ion:163 Resp: 236468

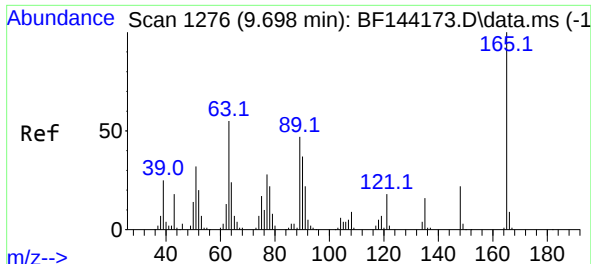
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.7 8.1 12.1

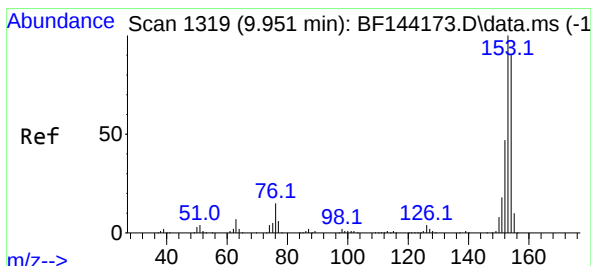
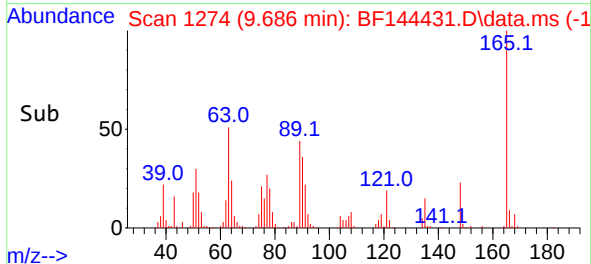
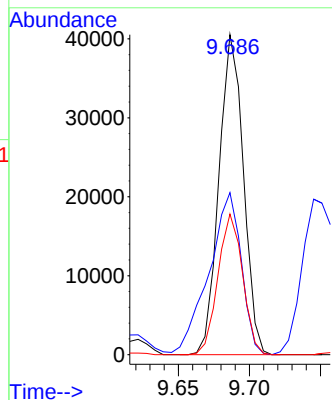
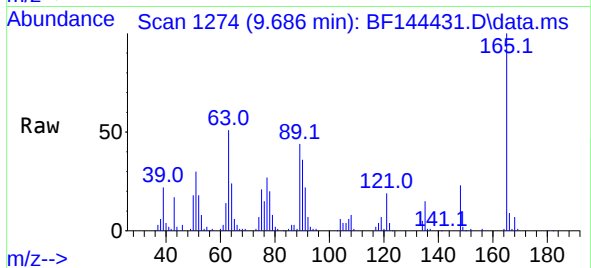




#51
2,6-Dinitrotoluene
Concen: 50.881 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

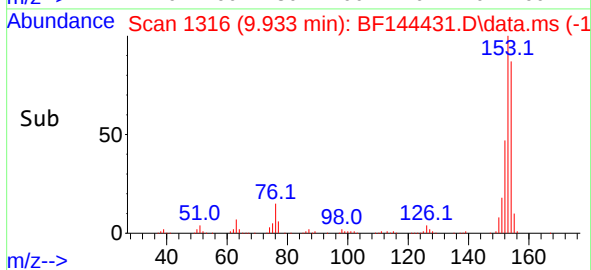
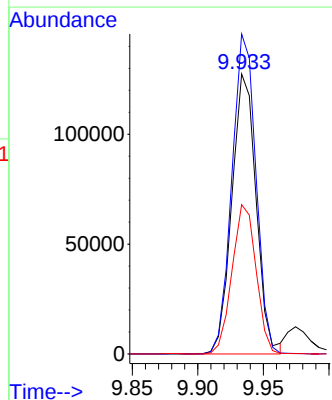
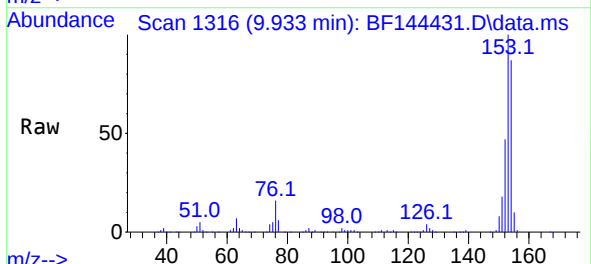
Instrument :
BNA_F
ClientSampleId :
346MS

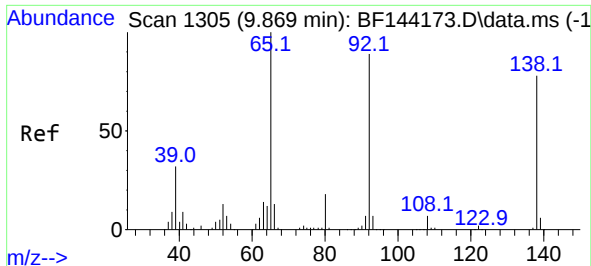
Tgt Ion:165 Resp: 48489
Ion Ratio Lower Upper
165 100
63 50.6 43.8 65.8
89 44.0 37.5 56.3



#52
Acenaphthene
Concen: 42.638 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:154 Resp: 164406
Ion Ratio Lower Upper
154 100
153 114.3 89.0 133.4
152 53.3 42.2 63.4

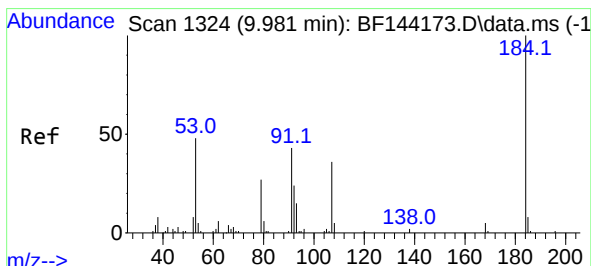
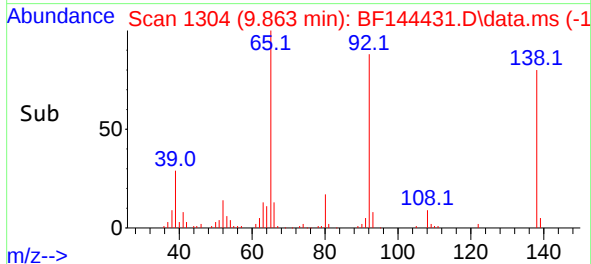
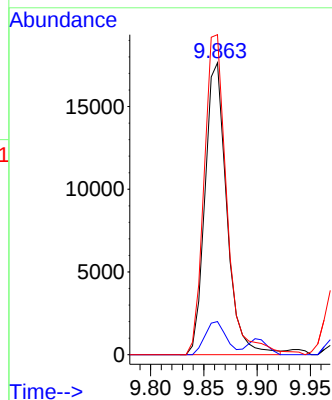
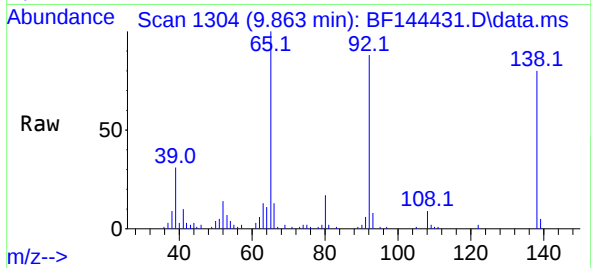




#53
3-Nitroaniline
Concen: 24.125 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

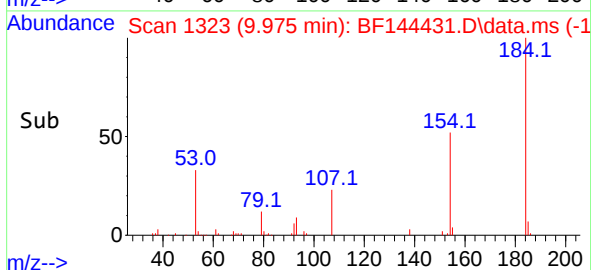
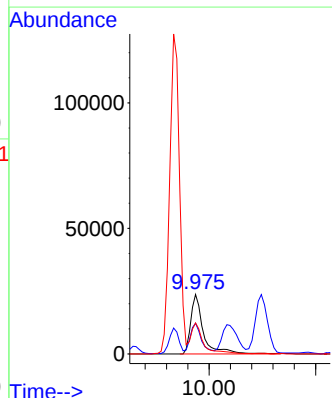
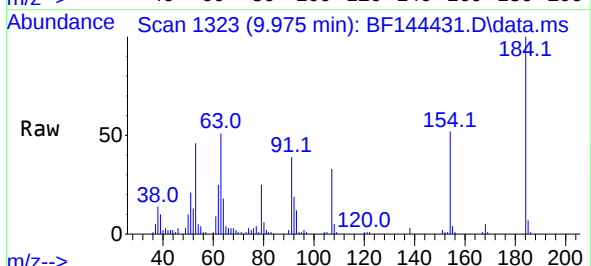
Instrument :
BNA_F
ClientSampleId :
346MS

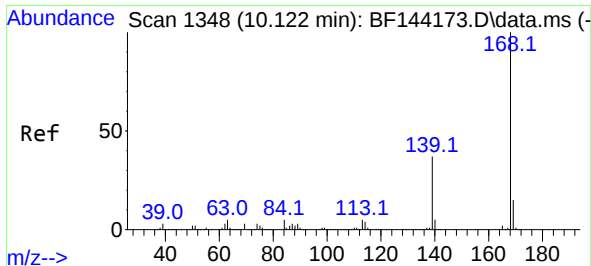
Tgt Ion:138 Resp: 25133
Ion Ratio Lower Upper
138 100
108 11.3 7.5 11.3#
92 109.7 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 68.282 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:184 Resp: 39294
Ion Ratio Lower Upper
184 100
63 51.5 44.0 66.0
154 52.2 42.4 63.6

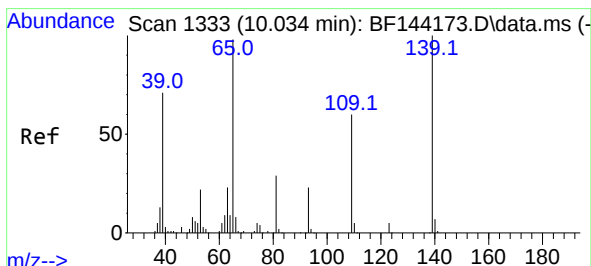
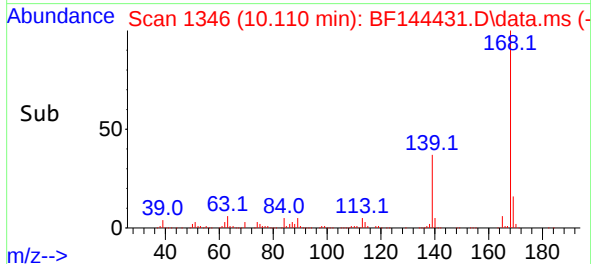
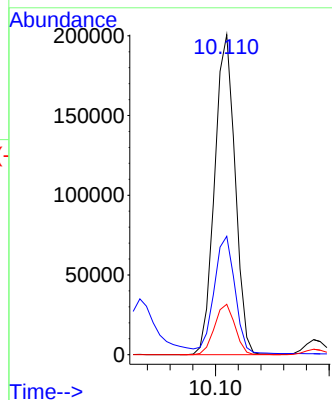
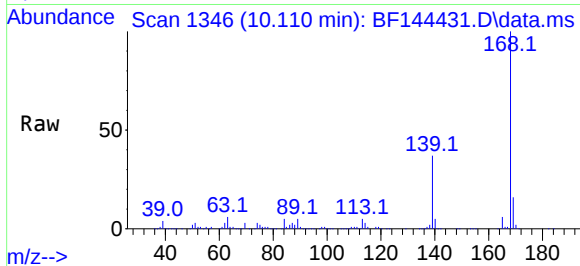




#55
Dibenzenofuran
Concen: 46.481 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

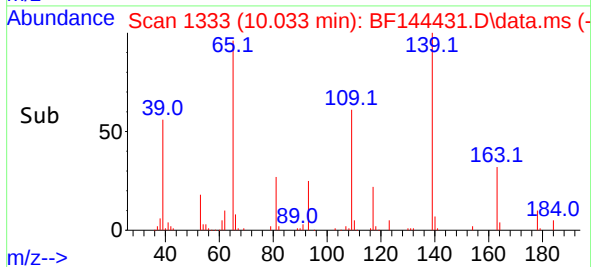
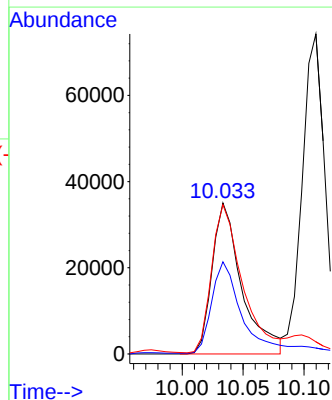
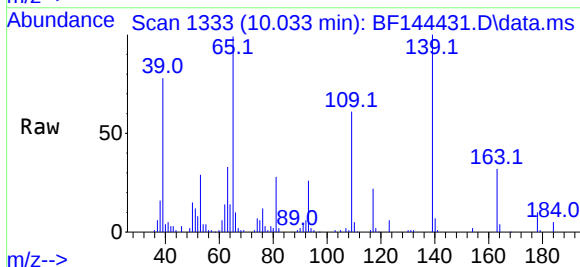
Instrument :
BNA_F
ClientSampleId :
346MS

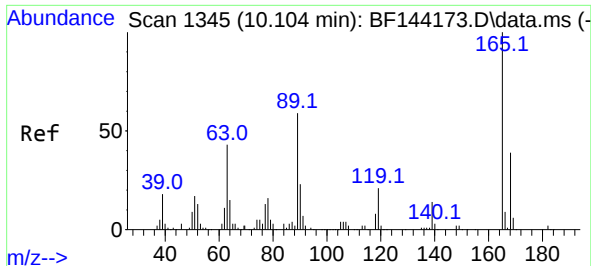
Tgt Ion:168 Resp: 251011
Ion Ratio Lower Upper
168 100
139 37.0 30.2 45.2
169 15.8 12.2 18.4



#56
4-Nitrophenol
Concen: 79.064 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:139 Resp: 59581
Ion Ratio Lower Upper
139 100
109 61.0 39.9 79.9
65 98.8 79.5 119.5



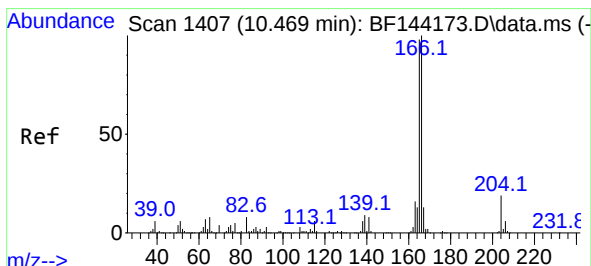
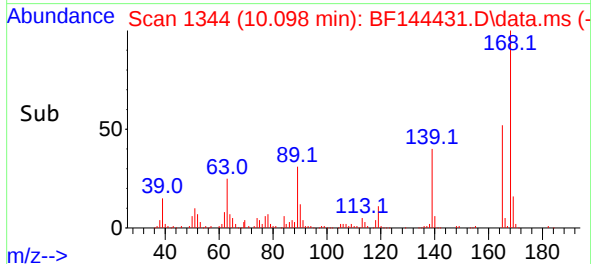
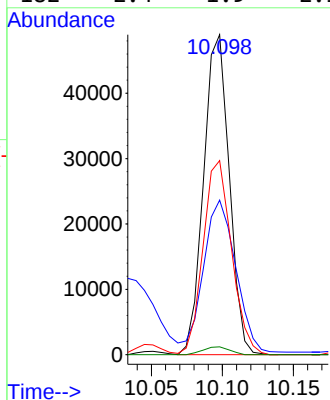
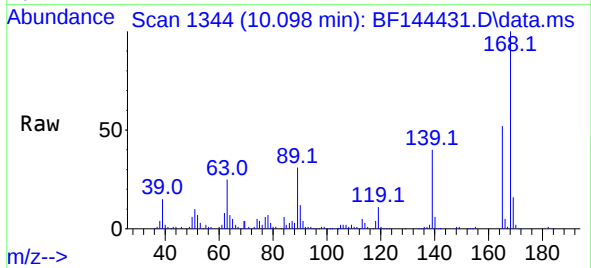


#57
2,4-Dinitrotoluene
Concen: 48.309 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Instrument :
BNA_F
ClientSampleId :
346MS

Tgt Ion:165 Resp: 61631

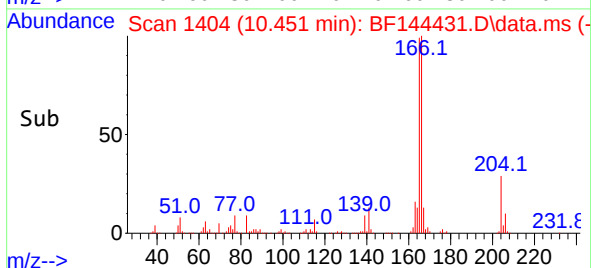
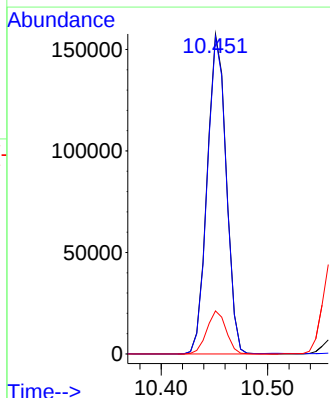
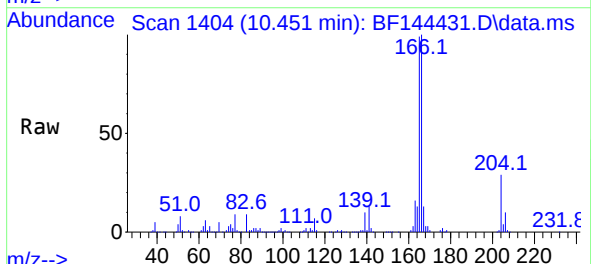
Ion	Ratio	Lower	Upper
165	100		
63	48.3	35.5	53.3
89	60.7	47.4	71.2
182	2.4	1.9	2.9

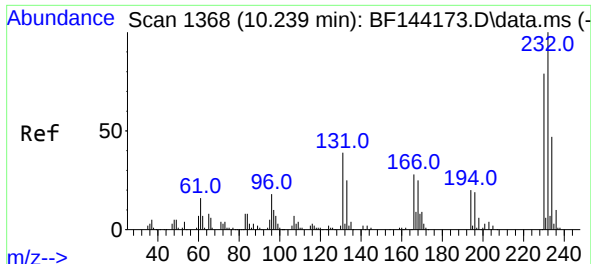


#58
Fluorene
Concen: 47.796 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:166 Resp: 196242

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	118.0
167	13.5	10.4	15.6

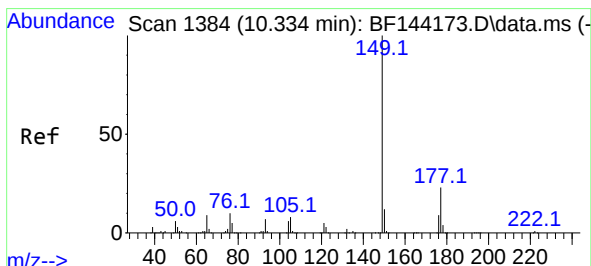
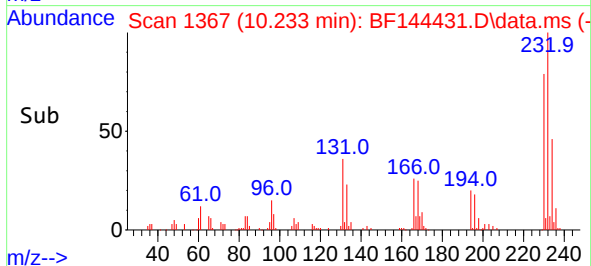
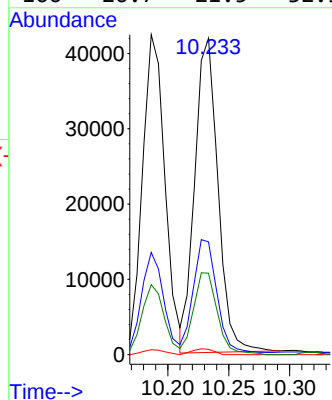
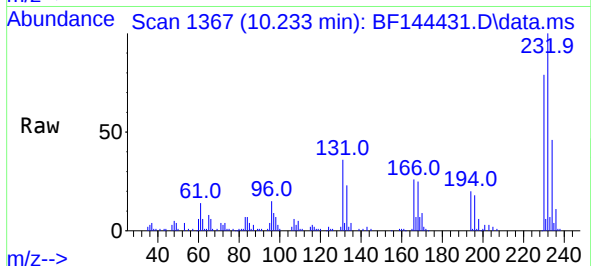




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.861 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

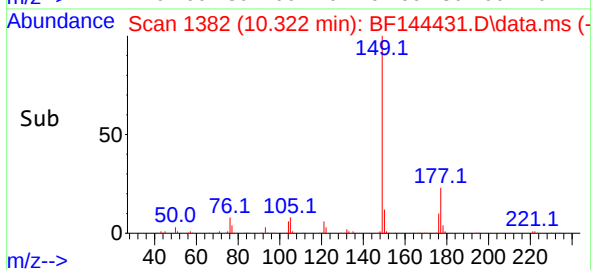
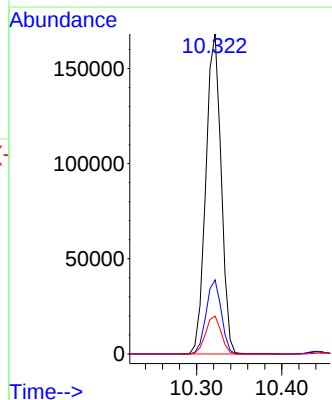
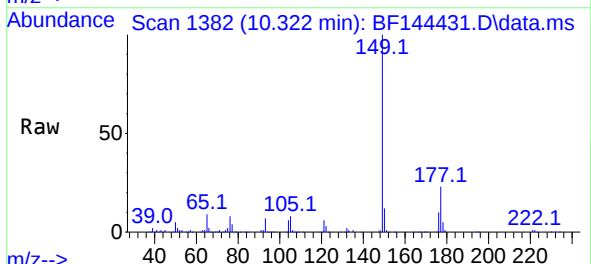
Instrument :
BNA_F
ClientSampleId :
346MS

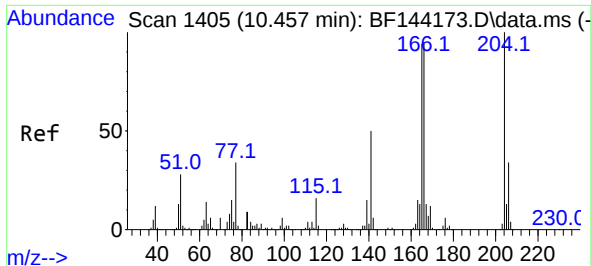
Tgt Ion:232 Resp: 55432
Ion Ratio Lower Upper
232 100
131 36.6 30.3 45.5
130 1.7 1.2 1.8
166 26.7 21.5 32.3



#60
Diethylphthalate
Concen: 48.301 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:149 Resp: 209618
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 11.9 9.8 14.6

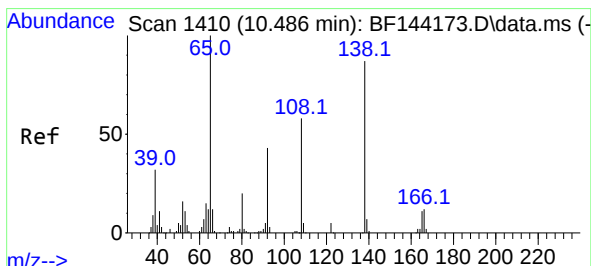
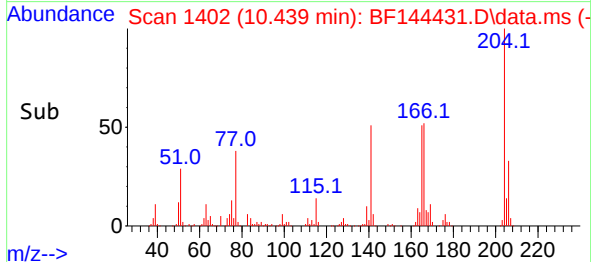
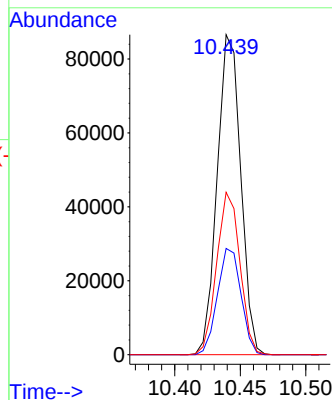
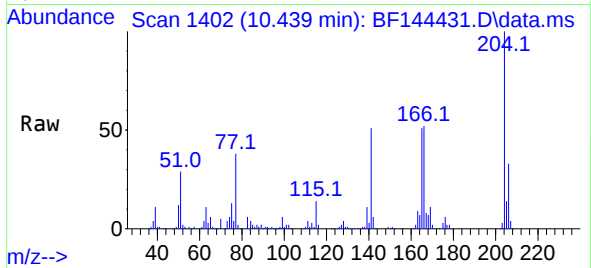




#61
4-Chlorophenyl-phenylether
Concen: 46.192 ng
RT: 10.439 min Scan# 1402
Delta R.T. -0.018 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

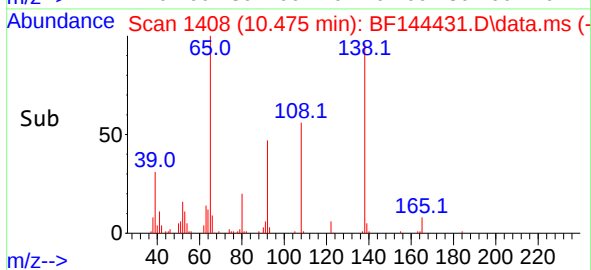
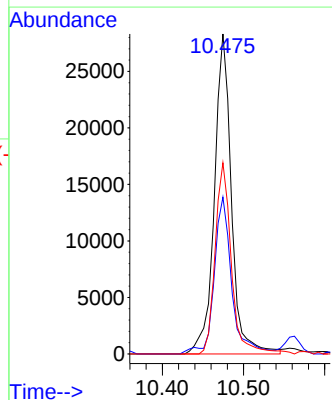
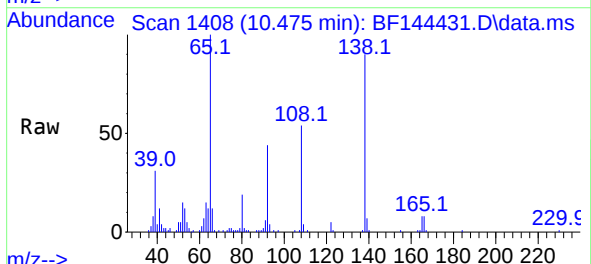
Instrument :
BNA_F
ClientSampleId :
346MS

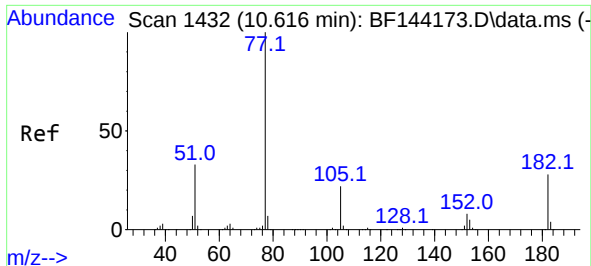
Tgt Ion:204 Resp: 108032
Ion Ratio Lower Upper
204 100
206 33.2 27.4 41.2
141 50.8 40.0 60.0



#62
4-Nitroaniline
Concen: 41.712 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:138 Resp: 41382
Ion Ratio Lower Upper
138 100
92 49.0 29.4 69.4
108 59.7 46.4 86.4

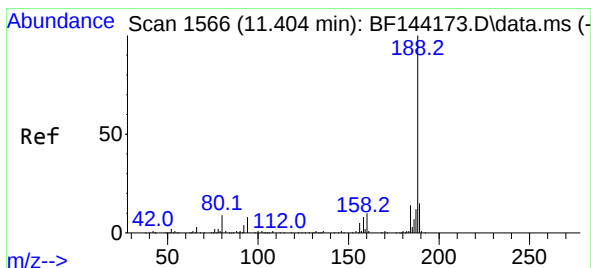
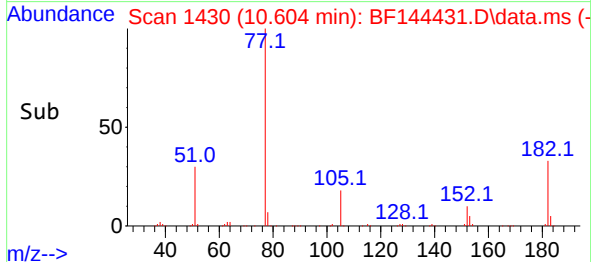
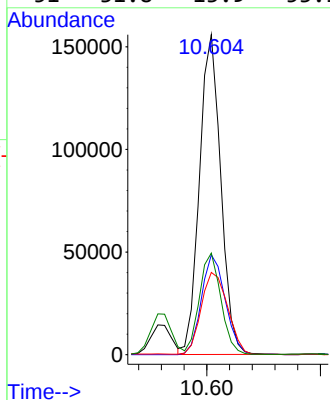
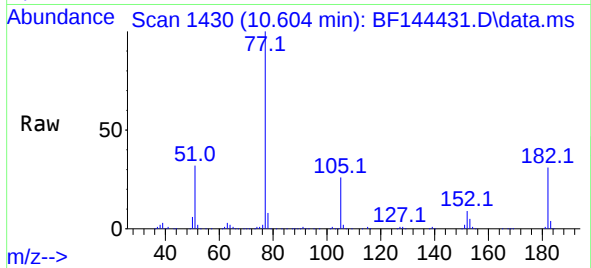




#63
Azobenzene
Concen: 50.411 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

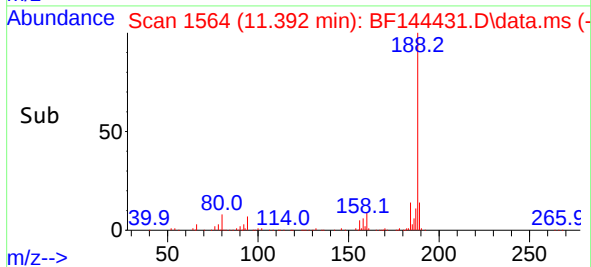
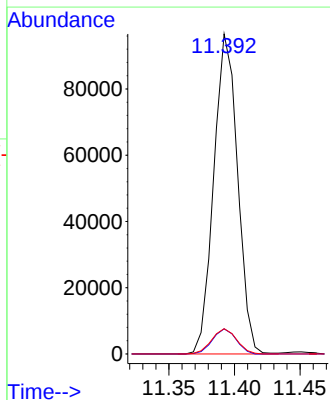
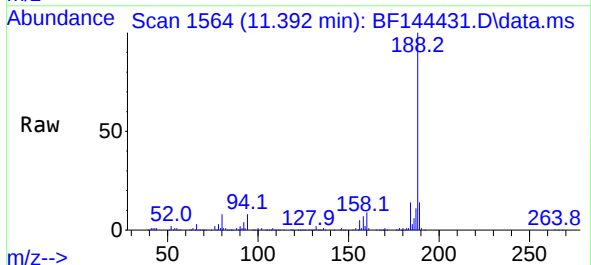
Instrument :
BNA_F
ClientSampleId :
346MS

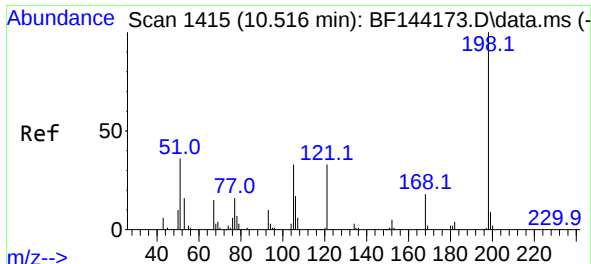
Tgt Ion: 77 Resp: 203608
Ion Ratio Lower Upper
77 100
182 31.2 8.1 48.1
105 25.7 2.0 42.0
51 31.8 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:188 Resp: 122024
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 7.9 6.9 10.3

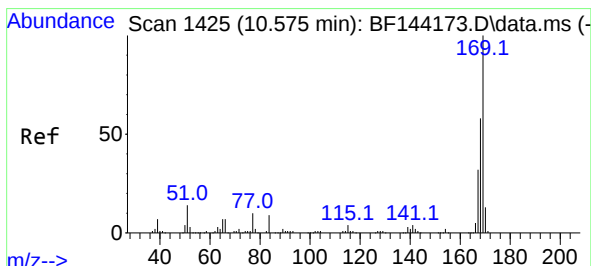
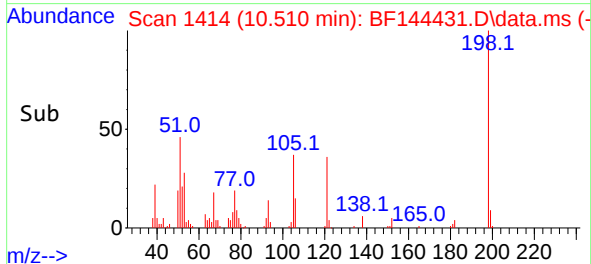
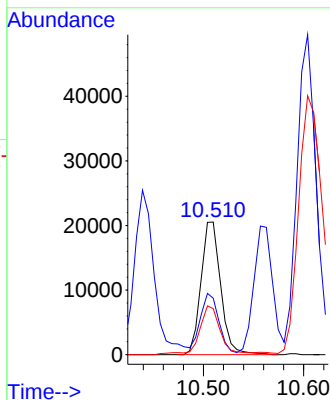
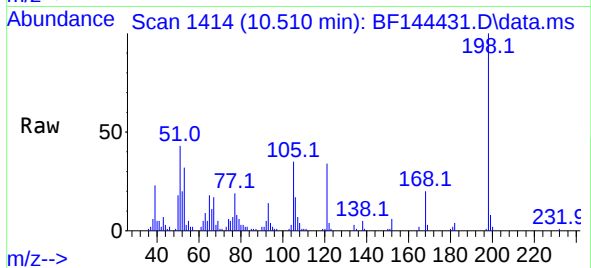




#65
4,6-Dinitro-2-methylphenol
Concen: 33.983 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

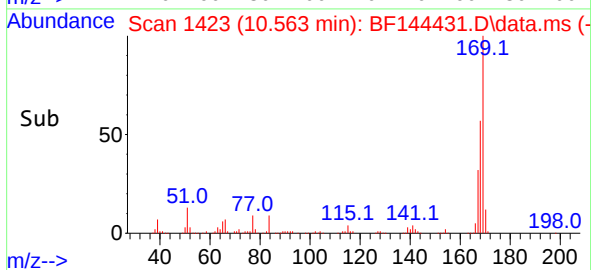
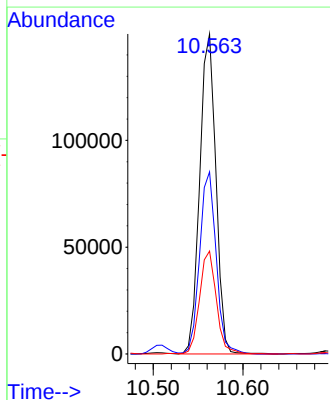
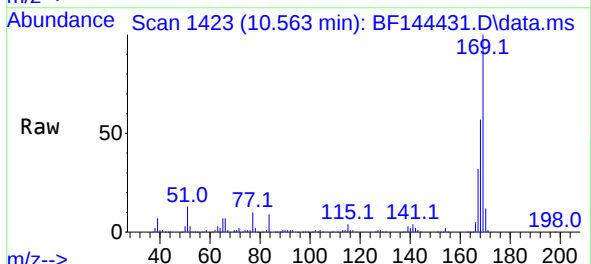
Instrument :
BNA_F
ClientSampleId :
346MS

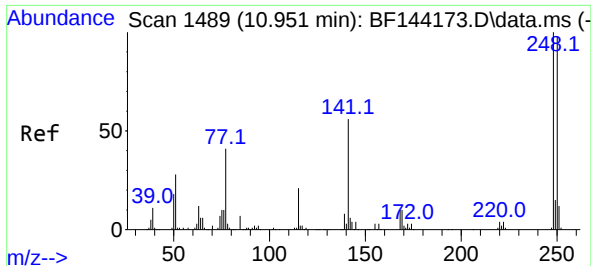
Tgt Ion:198 Resp: 28170
Ion Ratio Lower Upper
198 100
51 42.5 25.6 65.6
105 34.7 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 47.811 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:169 Resp: 187640
Ion Ratio Lower Upper
169 100
168 56.9 46.2 69.2
167 32.2 25.7 38.5

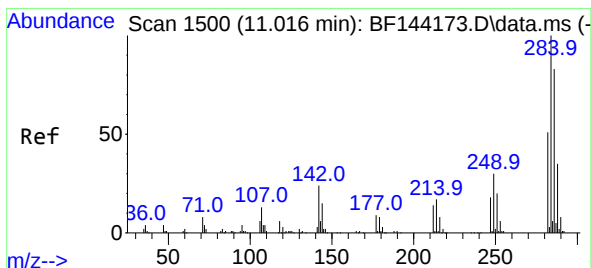
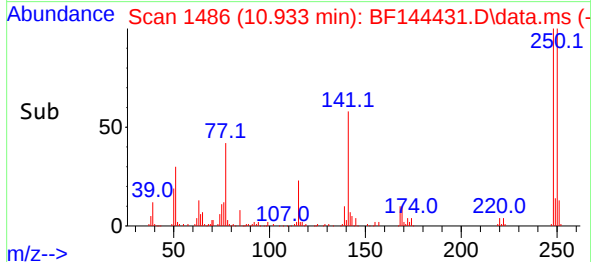
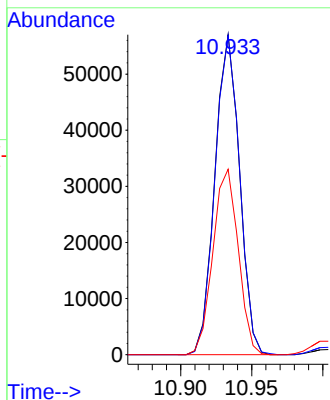
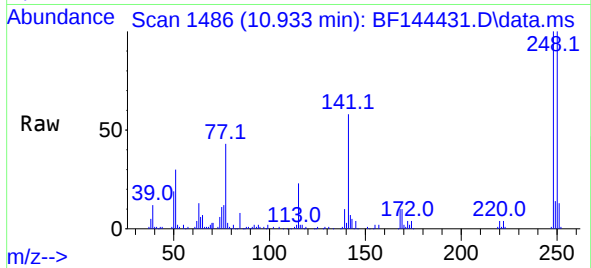




#67
4-Bromophenyl-phenylether
Concen: 44.184 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

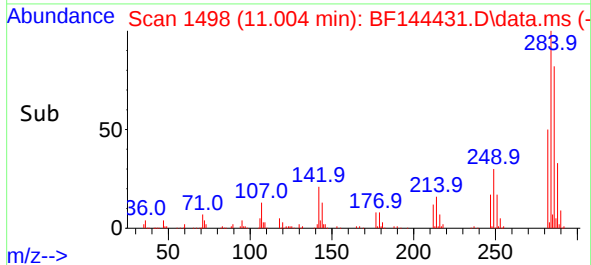
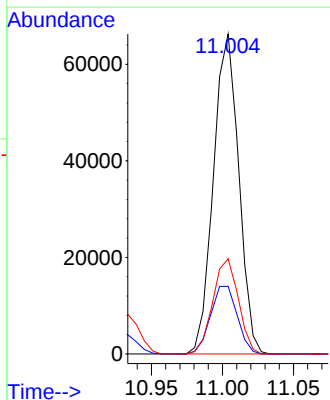
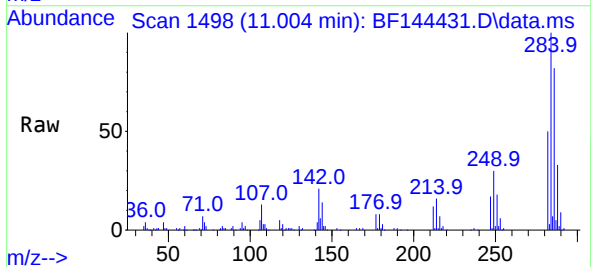
Instrument :
BNA_F
ClientSampleId :
346MS

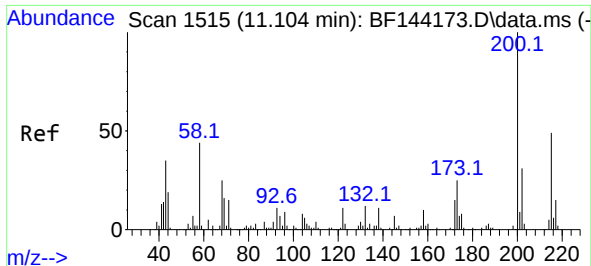
Tgt Ion:248 Resp: 68817
Ion Ratio Lower Upper
248 100
250 99.8 78.4 117.6
141 57.9 45.1 67.7



#68
Hexachlorobenzene
Concen: 44.767 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:284 Resp: 82128
Ion Ratio Lower Upper
284 100
142 21.2 19.2 28.8
249 29.7 23.8 35.8

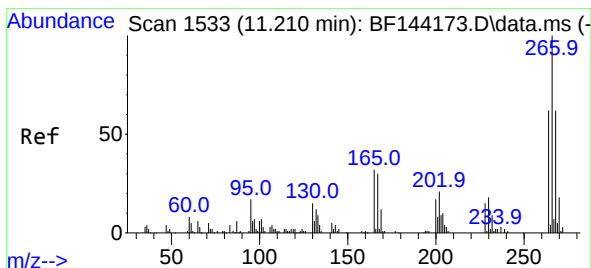
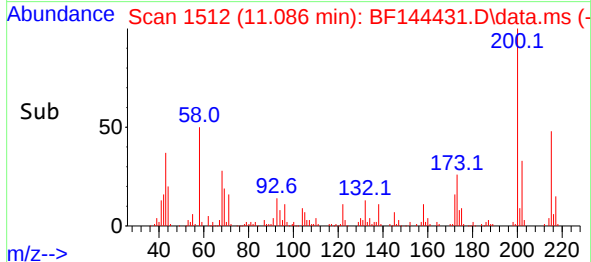
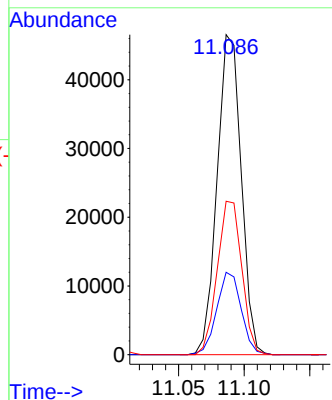
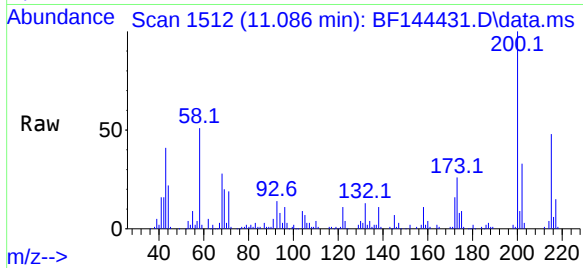




#69
Atrazine
Concen: 47.625 ng
RT: 11.086 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

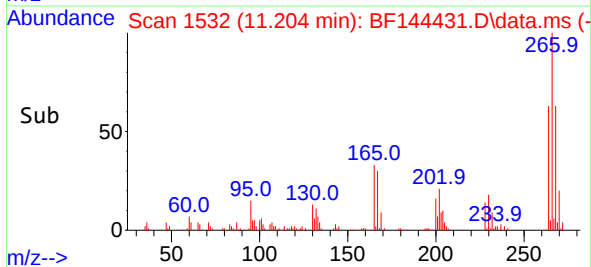
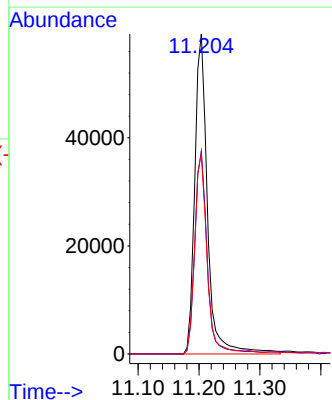
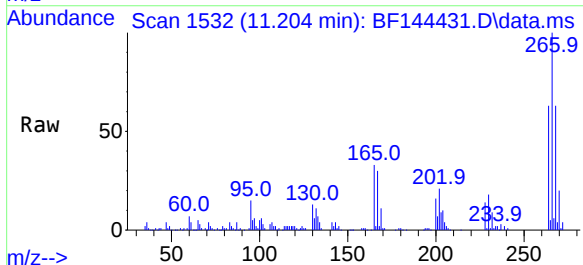
Instrument :
BNA_F
ClientSampleId :
346MS

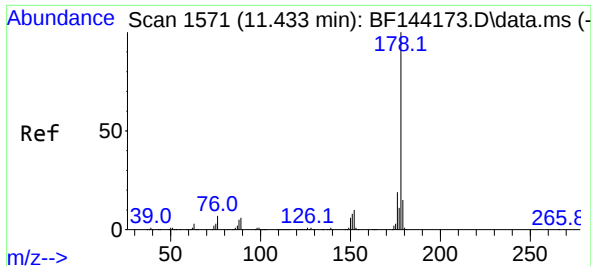
Tgt Ion:200 Resp: 59441
Ion Ratio Lower Upper
200 100
173 25.7 5.0 45.0
215 47.9 28.7 68.7



#70
Pentachlorophenol
Concen: 94.600 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:266 Resp: 86421
Ion Ratio Lower Upper
266 100
268 63.3 49.5 74.3
264 62.6 49.4 74.2

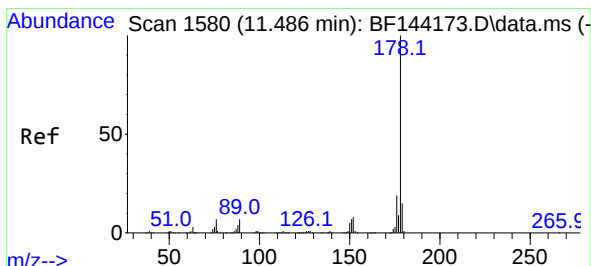
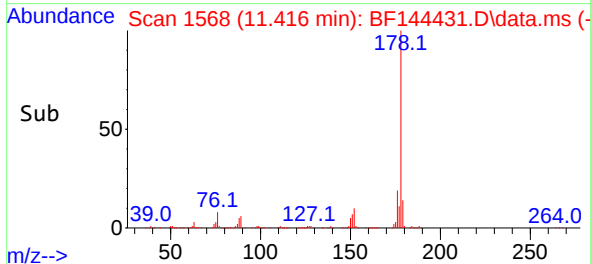
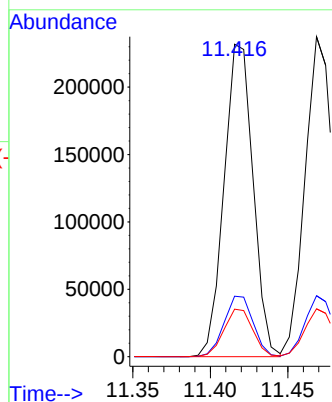
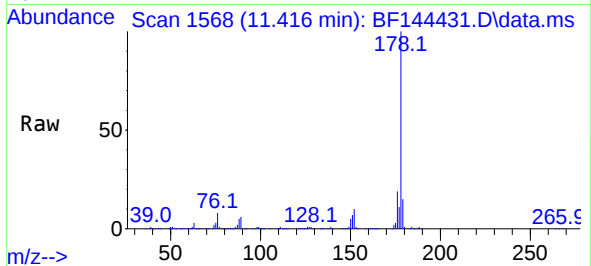




#71
Phenanthrene
Concen: 49.706 ng
RT: 11.416 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

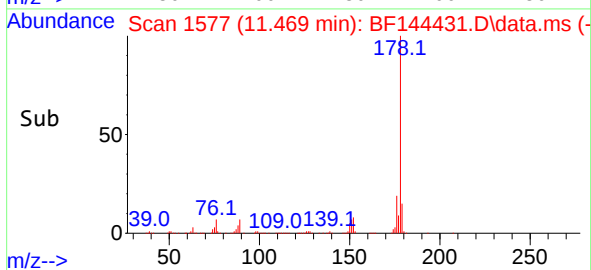
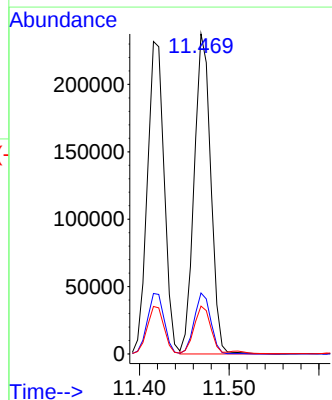
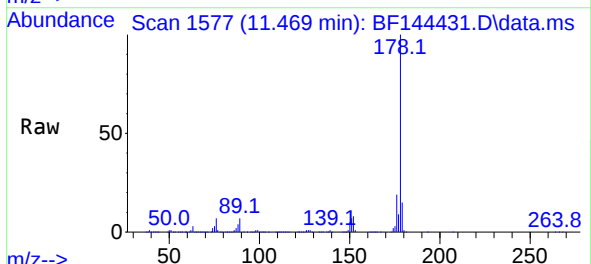
Instrument :
BNA_F
ClientSampleId :
346MS

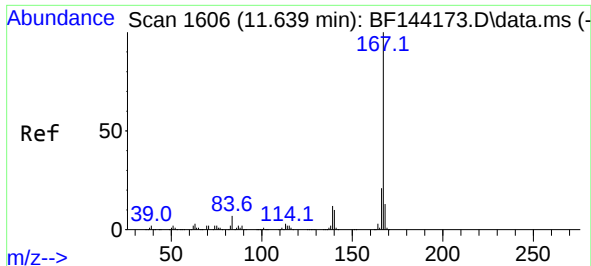
Tgt Ion:178 Resp: 301983
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.2 12.2 18.4



#72
Anthracene
Concen: 49.236 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:178 Resp: 304165
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 14.9 12.0 18.0

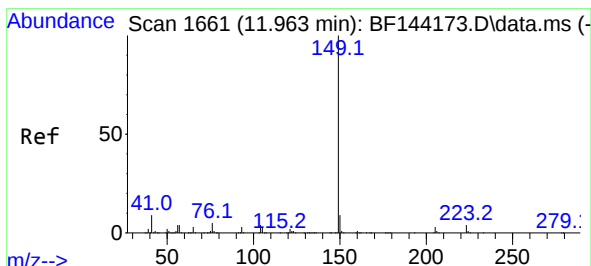
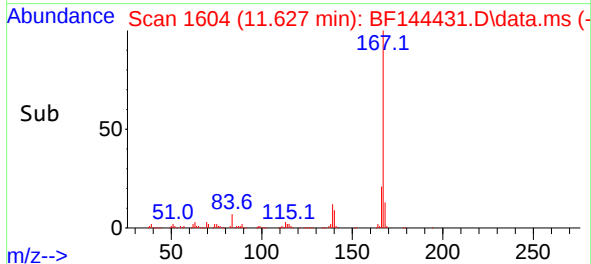
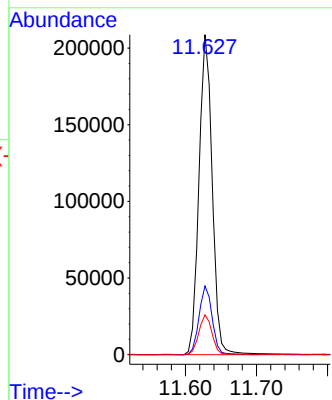
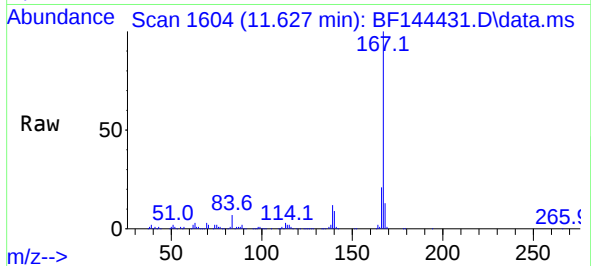




#73
Carbazole
Concen: 51.657 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

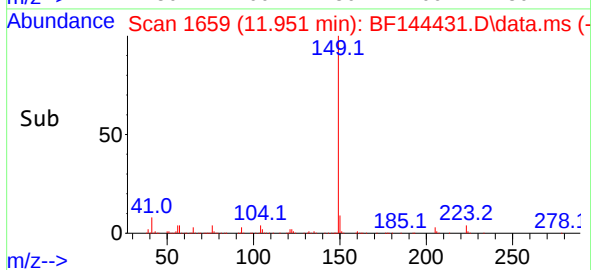
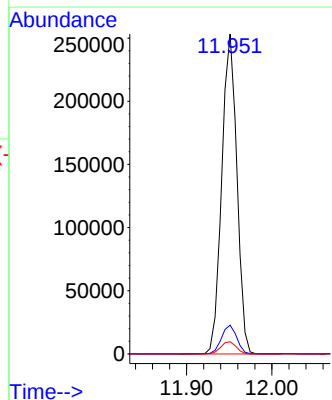
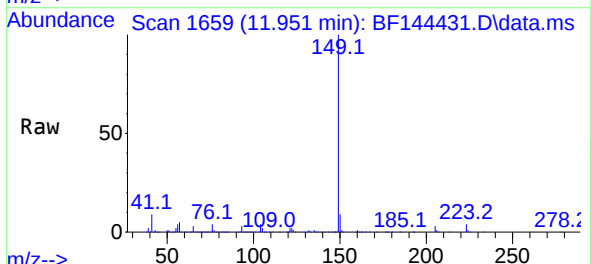
Instrument :
BNA_F
ClientSampleId :
346MS

Tgt Ion:167 Resp: 271357
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.4 9.9 14.9

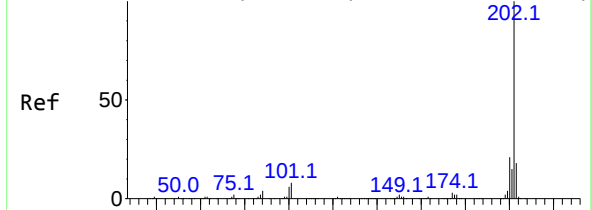


#74
Di-n-butylphthalate
Concen: 49.205 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:149 Resp: 312467
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 3.8 3.4 5.2

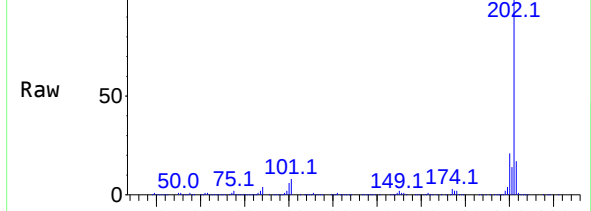


Abundance Scan 1774 (12.627 min): BF144173.D\data.ms (-



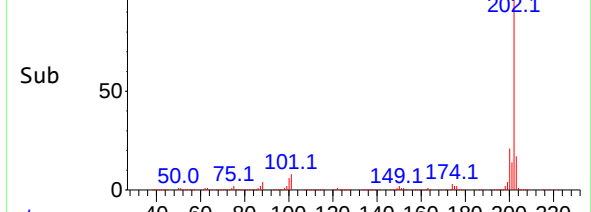
m/z-->

Abundance Scan 1772 (12.616 min): BF144431.D\data.ms



m/z-->

Abundance Scan 1772 (12.616 min): BF144431.D\data.ms (-



m/z-->

#75

Fluoranthene

Concen: 68.061 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144431.D

Acq: 04 Dec 2025 15:38

Instrument :

BNA_F

ClientSampleId :

346MS

Tgt Ion:202 Resp: 427142

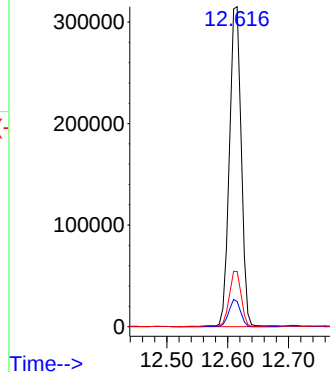
Ion Ratio Lower Upper

202 100

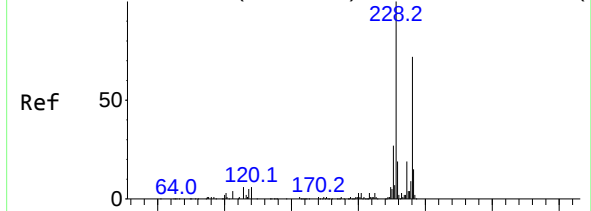
101 7.9 0.0 27.9

203 17.2 0.0 37.5

Abundance

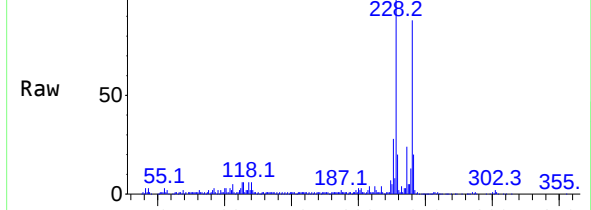


Abundance Scan 2017 (14.057 min): BF144173.D\data.ms (-



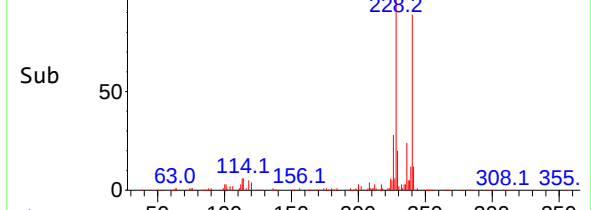
m/z-->

Abundance Scan 2016 (14.051 min): BF144431.D\data.ms



m/z-->

Abundance Scan 2016 (14.051 min): BF144431.D\data.ms (-



m/z-->

#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF144431.D

Acq: 04 Dec 2025 15:38

Tgt Ion:240 Resp: 125063

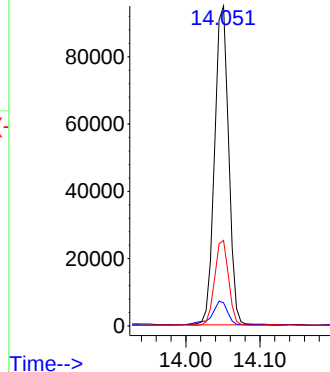
Ion Ratio Lower Upper

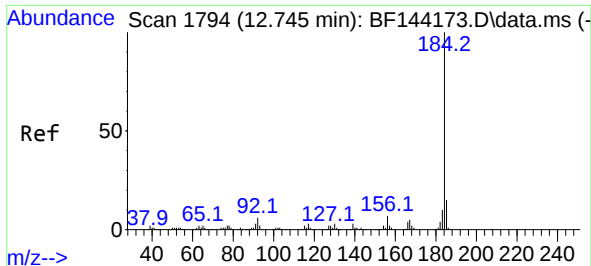
240 100

120 7.3 6.6 10.0

236 26.8 21.4 32.2

Abundance

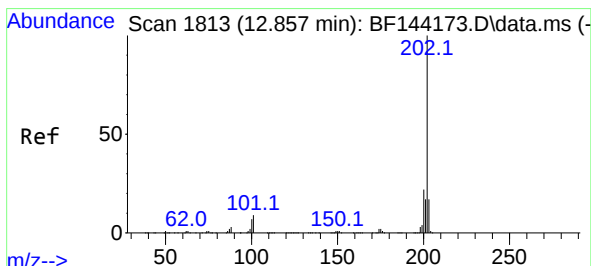
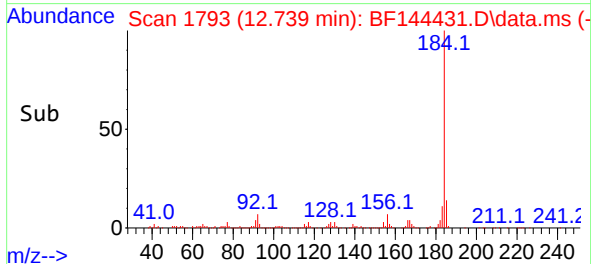
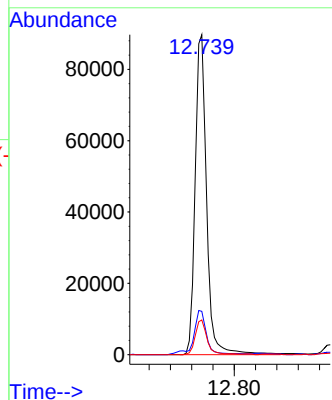
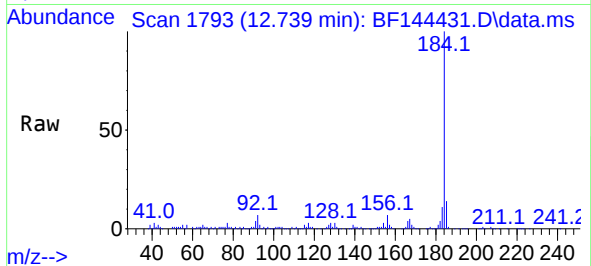




#77
Benzidine
Concen: 36.092 ng
RT: 12.739 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

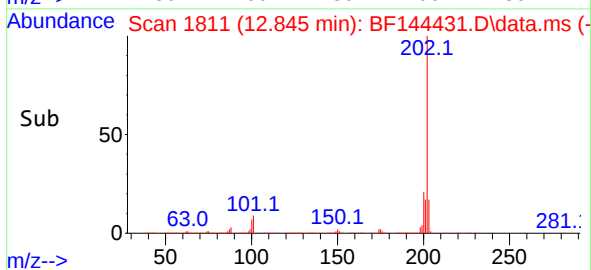
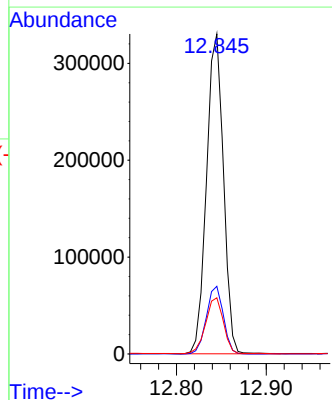
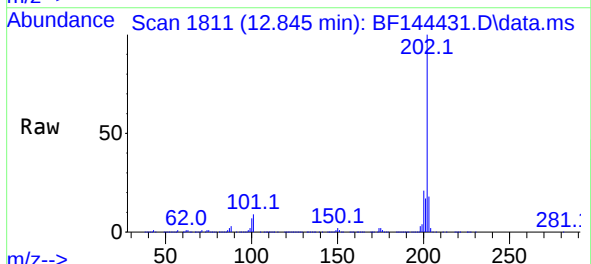
Instrument :
BNA_F
ClientSampleId :
346MS

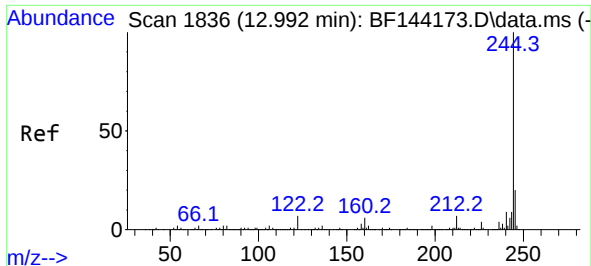
Tgt Ion:184 Resp: 133514
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 10.9 8.3 12.5



#78
Pyrene
Concen: 42.819 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:202 Resp: 431778
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.6 13.7 20.5

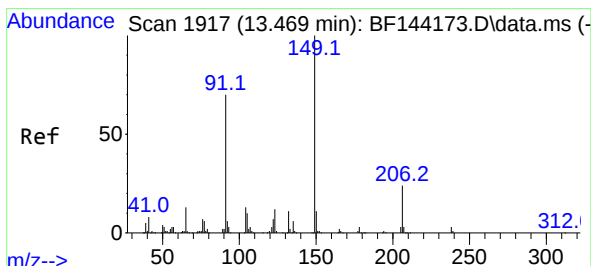
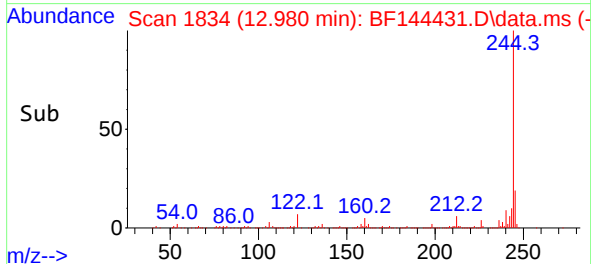
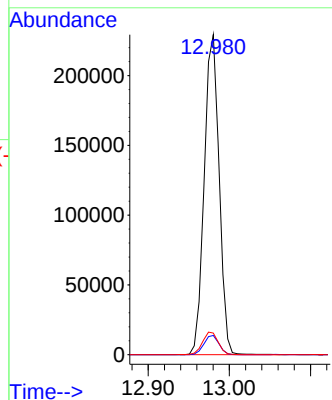
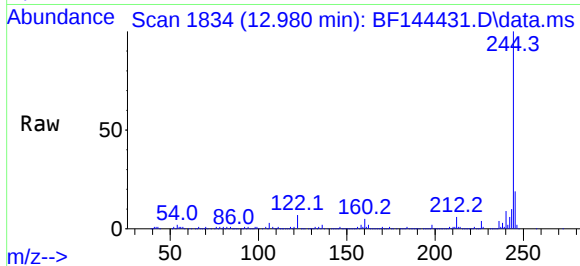




#79
 Terphenyl-d14
 Concen: 37.036 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144431.D
 Acq: 04 Dec 2025 15:38

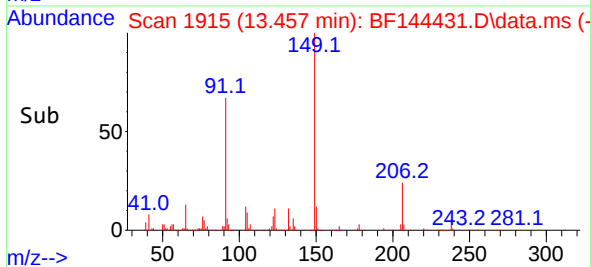
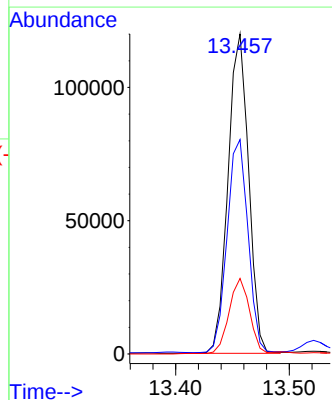
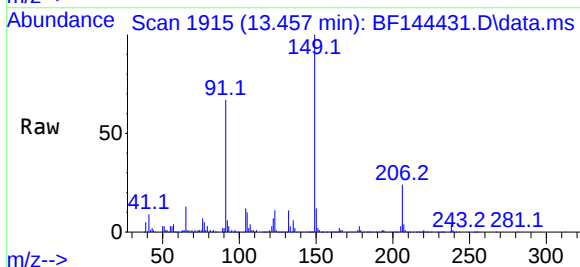
Instrument :
 BNA_F
 ClientSampleId :
 346MS

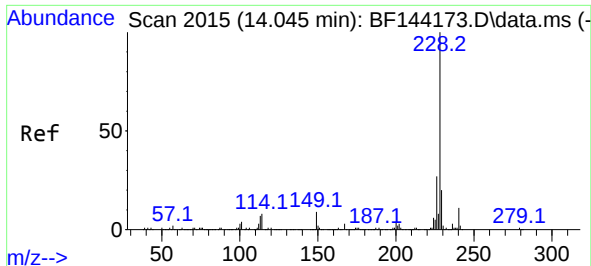
Tgt Ion:244 Resp: 291606
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.3 7.9
 122 6.7 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 43.214 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144431.D
 Acq: 04 Dec 2025 15:38

Tgt Ion:149 Resp: 151029
 Ion Ratio Lower Upper
 149 100
 91 67.0 56.1 84.1
 206 23.6 18.8 28.2

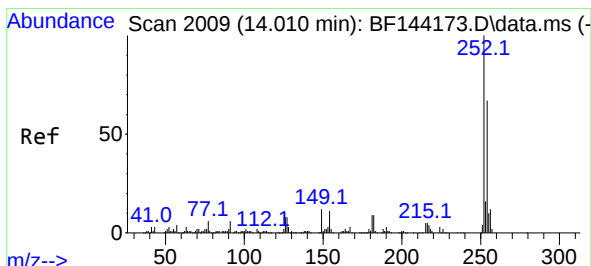
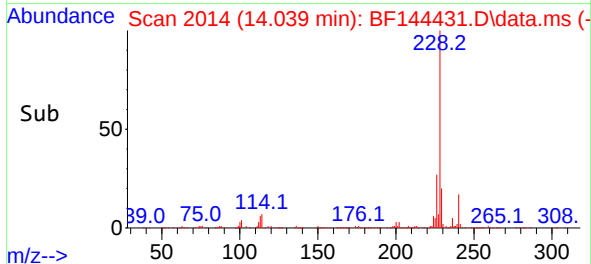
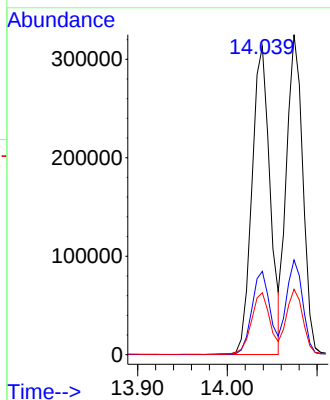
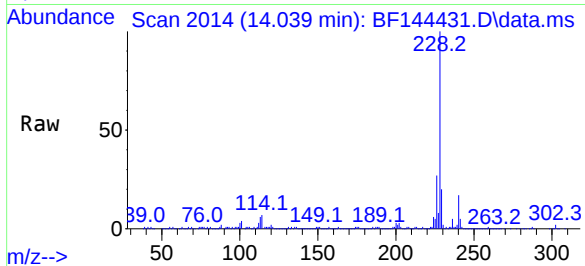




#81
Benzo(a)anthracene
Concen: 50.734 ng
RT: 14.039 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

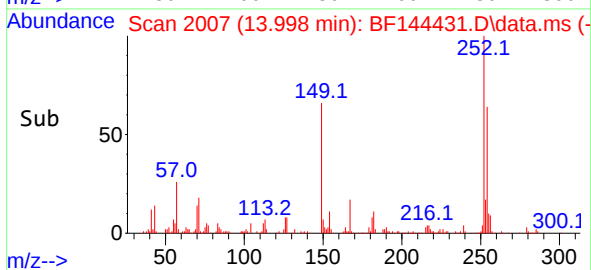
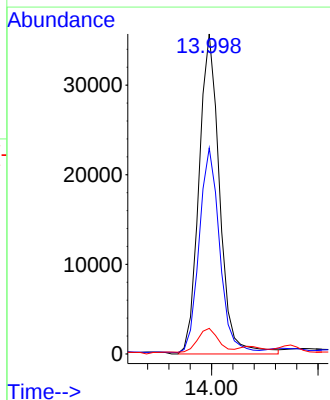
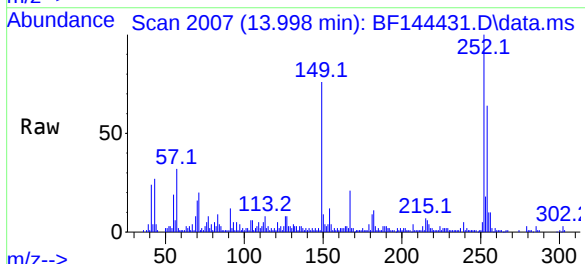
Instrument :
BNA_F
ClientSampleId :
346MS

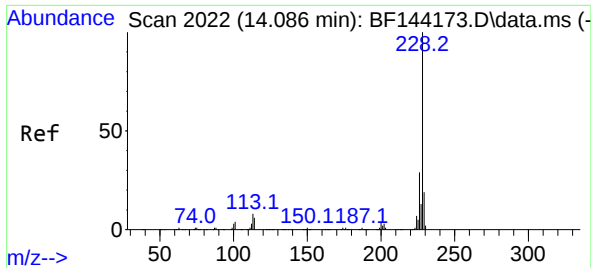
Tgt Ion:228 Resp: 439751
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 16.201 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:252 Resp: 48134
Ion Ratio Lower Upper
252 100
254 64.4 53.5 80.3
126 8.0 6.4 9.6



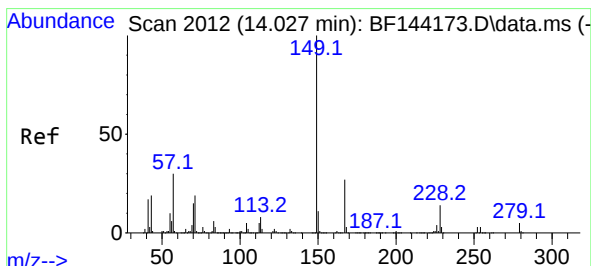
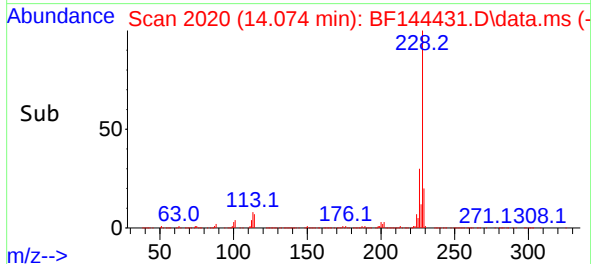
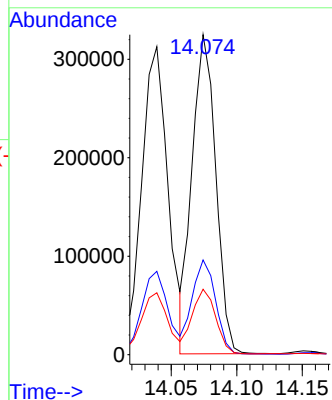
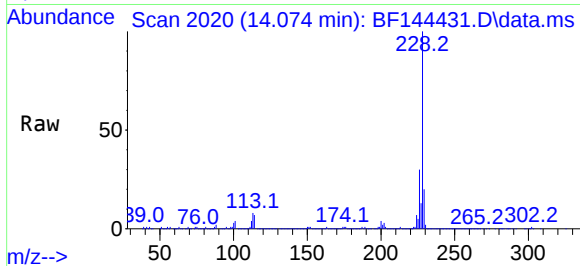


#83
Chrysene
Concen: 50.817 ng
RT: 14.074 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Instrument :
BNA_F
ClientSampleId :
346MS

Tgt Ion:228 Resp: 406613

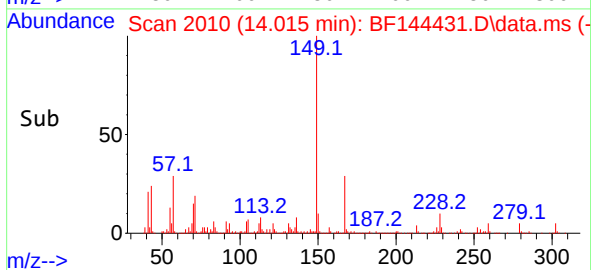
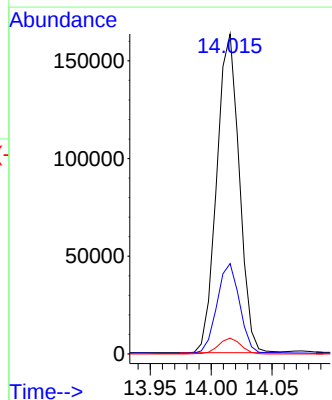
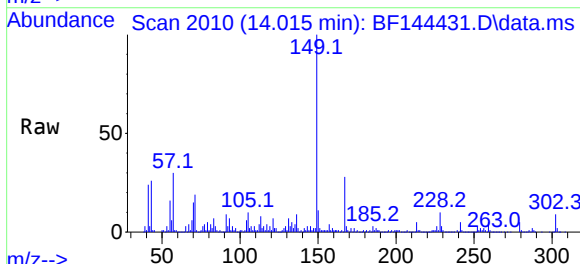
Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.9	34.3
229	20.4	15.0	22.6

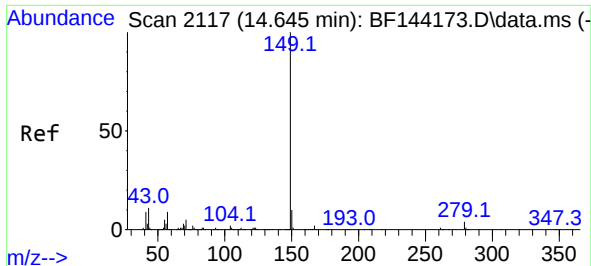


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.926 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:149 Resp: 210157

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	5.0	3.7	5.5

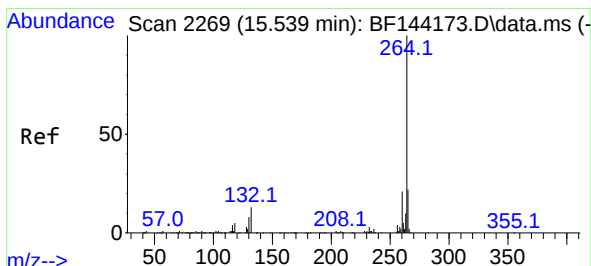
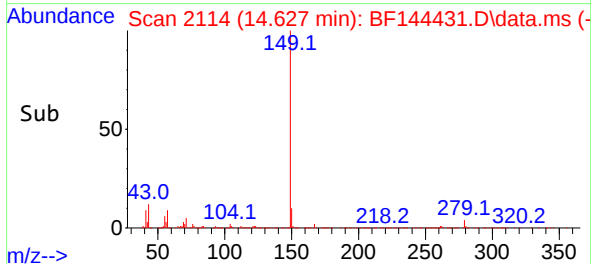
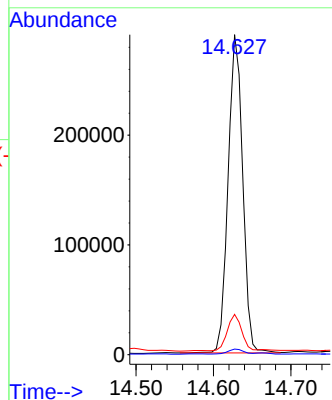
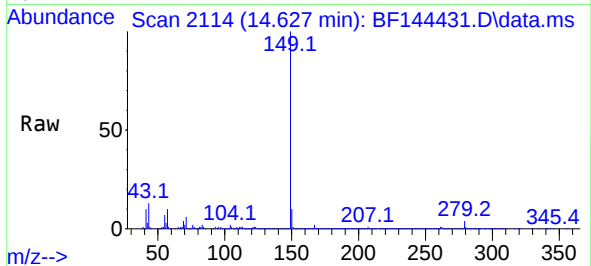




#85
Di-n-octyl phthalate
Concen: 46.212 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

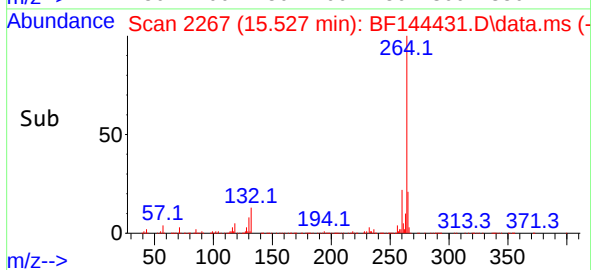
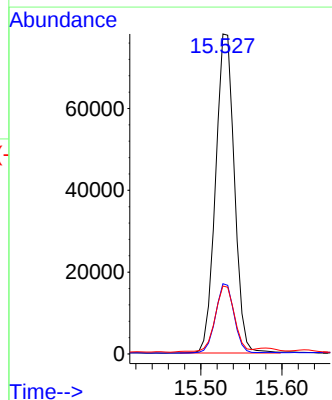
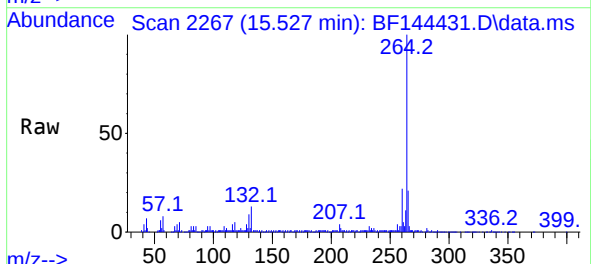
Instrument :
BNA_F
ClientSampleId :
346MS

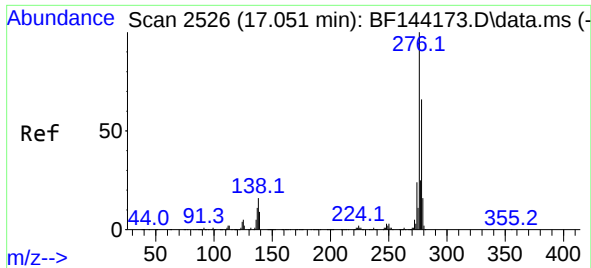
Tgt Ion:149 Resp: 381459
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:264 Resp: 125589
Ion Ratio Lower Upper
264 100
260 21.9 17.1 25.7
265 21.3 17.4 26.0

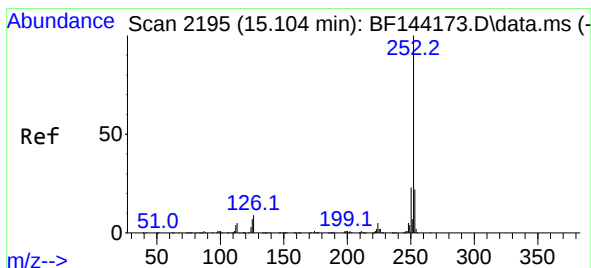
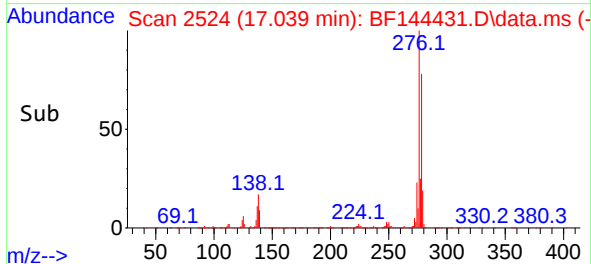
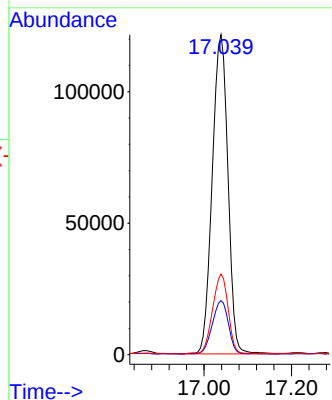
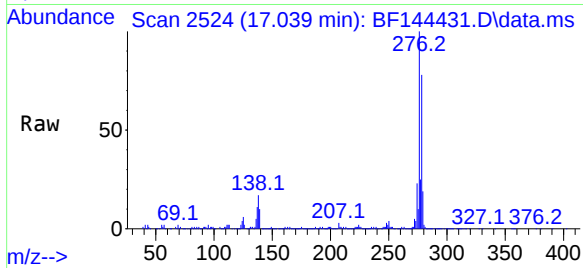




#87
Indeno(1,2,3-cd)pyrene
Concen: 33.521 ng
RT: 17.039 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

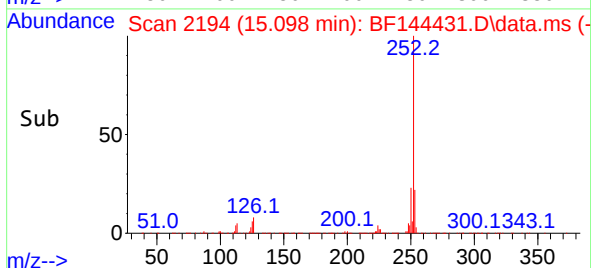
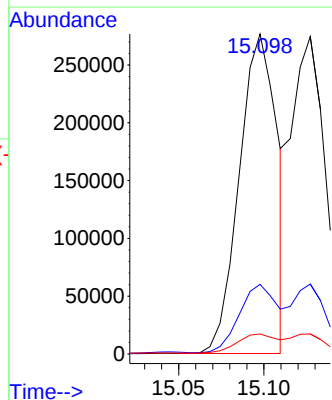
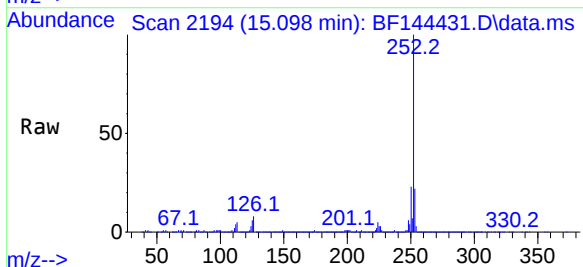
Instrument :
BNA_F
ClientSampleId :
346MS

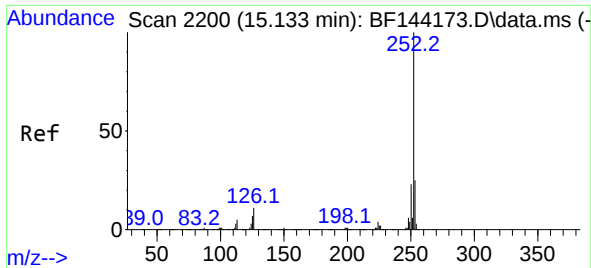
Tgt Ion:276 Resp: 302202
Ion Ratio Lower Upper
276 100
138 16.8 13.9 20.9
277 24.1 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 59.547 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:252 Resp: 425168
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 6.3 5.3 7.9

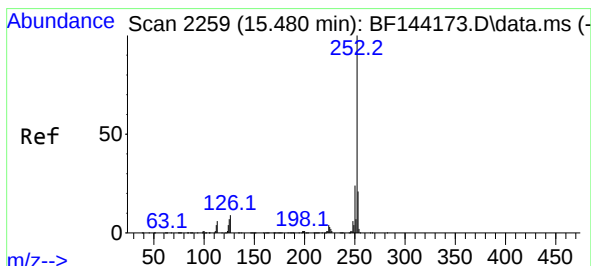
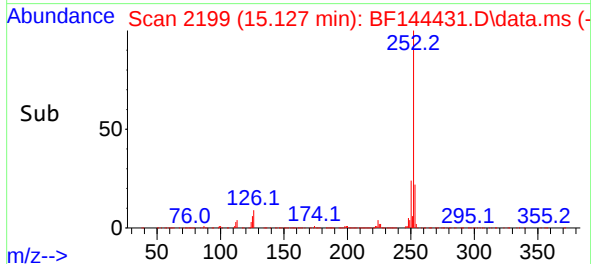
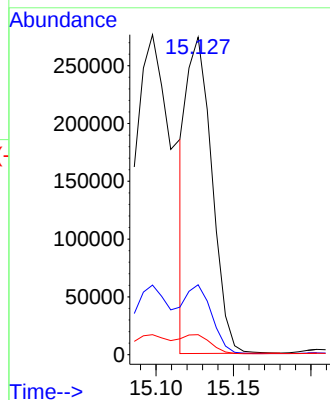
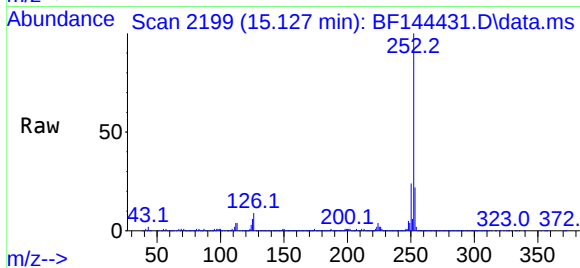




#89
Benzo(k)fluoranthene
Concen: 46.460 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

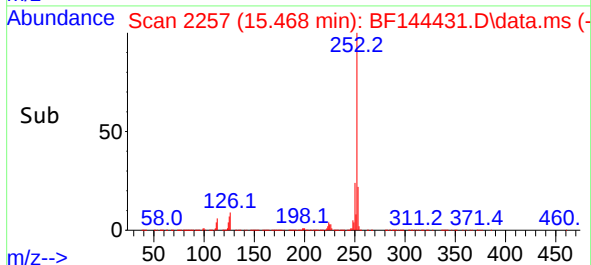
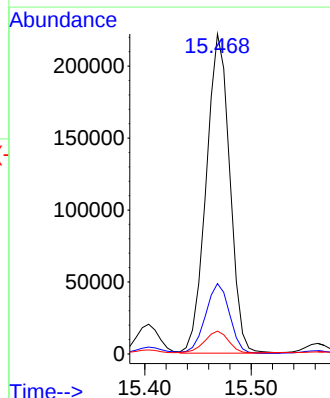
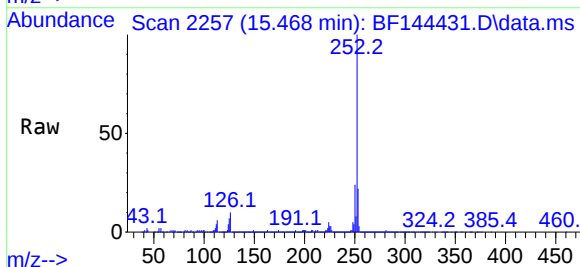
Instrument :
BNA_F
ClientSampleId :
346MS

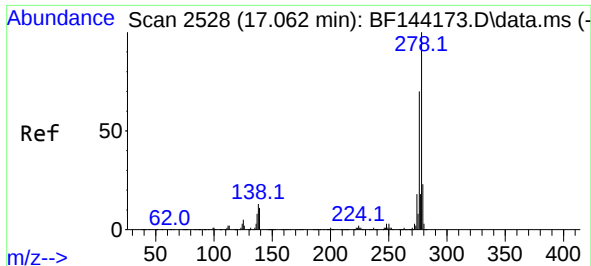
Tgt Ion:252 Resp: 310490
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 6.3 5.4 8.2



#90
Benzo(a)pyrene
Concen: 51.714 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:252 Resp: 340639
Ion Ratio Lower Upper
252 100
253 22.0 16.7 25.1
125 7.1 5.7 8.5

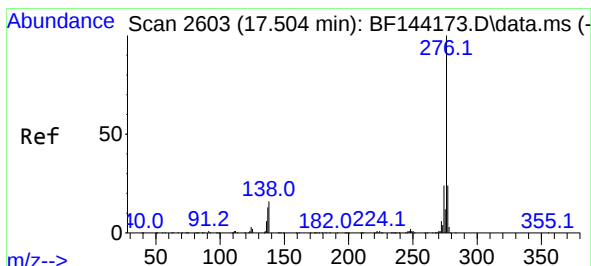
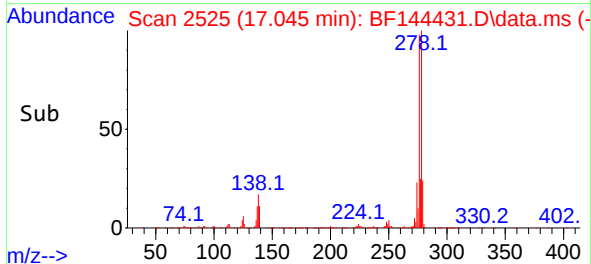
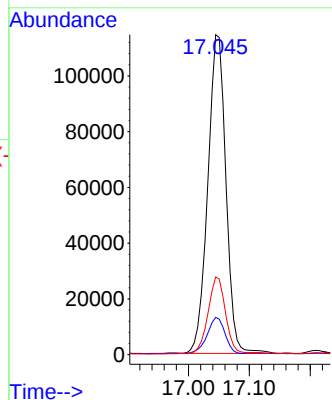
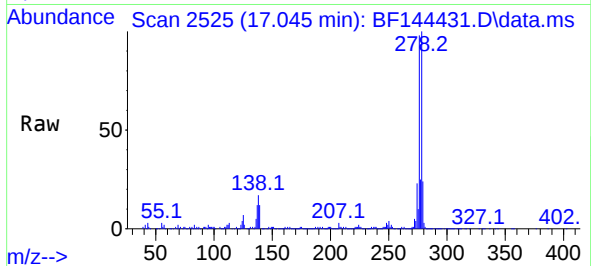




#91
Dibenzo(a,h)anthracene
Concen: 32.621 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Instrument :
BNA_F
ClientSampleId :
346MS

Tgt Ion:278 Resp: 236182
Ion Ratio Lower Upper
278 100
139 11.7 9.1 13.7
279 24.3 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 33.329 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.000 min
Lab File: BF144431.D
Acq: 04 Dec 2025 15:38

Tgt Ion:276 Resp: 238294
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.4
138 17.3 12.9 19.3

