

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140429.D
 Acq On : 16 Nov 2024 14:57
 Operator : RC/JU
 Sample : P4833-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-731MSD

Quant Time: Nov 18 00:06:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	120300	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	442674	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	239484	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	452802	20.000	ng	0.00
76) Chrysene-d12	14.051	240	240606	20.000	ng	0.00
86) Perylene-d12	15.551	264	275686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	616568	87.508	ng	0.02
7) Phenol-d6	6.516	99	816821	85.567	ng	0.01
23) Nitrobenzene-d5	7.434	82	522034	61.443	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	227712	95.618	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	965266	64.794	ng	0.00
79) Terphenyl-d14	12.980	244	913667	65.914	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	134200	42.735	ng	99
3) Pyridine	3.446	79	335298	43.431	ng	99
4) n-Nitrosodimethylamine	3.399	42	174858	44.814	ng	98
6) Aniline	6.534	93	179750	21.646	ng	# 1
8) 2-Chlorophenol	6.663	128	351754	46.476	ng	97
9) Benzaldehyde	6.422	77	32105	5.612	ng	95
10) Phenol	6.528	94	444050	44.109	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	337706	44.273	ng	99
12) 1,3-Dichlorobenzene	6.816	146	371089	44.438	ng	99
13) 1,4-Dichlorobenzene	6.892	146	373686	44.132	ng	99
14) 1,2-Dichlorobenzene	7.045	146	353796	45.008	ng	99
15) Benzyl Alcohol	7.016	79	314040	45.661	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	451349	42.838	ng	75
17) 2-Methylphenol	7.134	107	272972	43.843	ng	# 93
18) Hexachloroethane	7.387	117	138236	44.160	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	248359	43.077	ng	99
20) 3+4-Methylphenols	7.287	107	350508	45.015	ng	100
22) Acetophenone	7.281	105	461091	44.785	ng	98
24) Nitrobenzene	7.451	77	382327	43.220	ng	100
25) Isophorone	7.692	82	673006	44.695	ng	100
26) 2-Nitrophenol	7.769	139	185166	47.171	ng	99
27) 2,4-Dimethylphenol	7.810	122	259721	51.680	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	405524	43.921	ng	99
29) 2,4-Dichlorophenol	8.016	162	288881	46.511	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	299350	43.290	ng	99
31) Naphthalene	8.175	128	1007609	44.870	ng	100
32) Benzoic acid	7.928	122	200950	45.441	ng	97
33) 4-Chloroaniline	8.228	127	56684	7.258	ng	98
34) Hexachlorobutadiene	8.292	225	193123	43.834	ng	99
35) Caprolactam	8.586	113	71881	34.820	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	317541	46.134	ng	98
37) 2-Methylnaphthalene	8.869	142	649809	45.128	ng	99
38) 1-Methylnaphthalene	8.969	142	604446	42.867	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	307208	46.388	ng	98
41) Hexachlorocyclopentadiene	9.016	237	257986	151.725	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	204292	47.006	ng	99

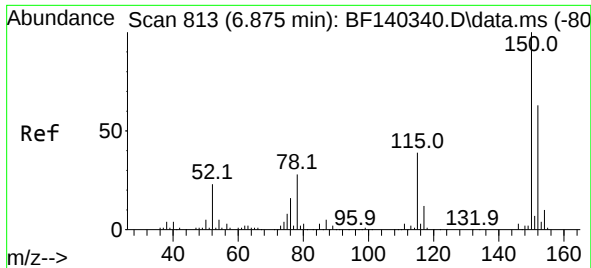
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	219894	46.277	ng	96
46) 1,1'-Biphenyl	9.328	154	810048	46.495	ng	100
47) 2-Chloronaphthalene	9.357	162	600374	45.237	ng	99
48) 2-Nitroaniline	9.457	65	209876	47.684	ng	99
49) Acenaphthylene	9.775	152	1004158	50.008	ng	100
50) Dimethylphthalate	9.628	163	734995	47.086	ng	100
51) 2,6-Dinitrotoluene	9.692	165	161768	45.458	ng	99
52) Acenaphthene	9.945	154	626054	46.161	ng	99
53) 3-Nitroaniline	9.863	138	76766	20.541	ng	98
54) 2,4-Dinitrophenol	9.975	184	138157	75.285	ng	100
55) Dibenzofuran	10.116	168	915475	47.682	ng	100
56) 4-Nitrophenol	10.039	139	258413	94.796	ng	99
57) 2,4-Dinitrotoluene	10.104	165	219833	46.937	ng	99
58) Fluorene	10.463	166	709227	46.761	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	186461	49.698	ng	98
60) Diethylphthalate	10.328	149	729679	45.714	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	346409	46.262	ng	98
62) 4-Nitroaniline	10.480	138	163367	42.752	ng	98
63) Azobenzene	10.610	77	813686	51.593	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	104015	42.696	ng	97
66) n-Nitrosodiphenylamine	10.569	169	621050	47.470	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	206763	45.681	ng	98
68) Hexachlorobenzene	11.010	284	231007	45.361	ng	98
69) Atrazine	11.098	200	202575	51.179	ng	98
70) Pentachlorophenol	11.210	266	233178	85.000	ng	98
71) Phenanthrene	11.427	178	1003428	47.174	ng	100
72) Anthracene	11.475	178	1021736	49.012	ng	99
73) Carbazole	11.633	167	942721	45.799	ng	100
74) Di-n-butylphthalate	11.957	149	1121350	45.389	ng	100
75) Fluoranthene	12.616	202	985173	41.283	ng	99
77) Benzidine	12.733	184	202704	21.950	ng	99
78) Pyrene	12.845	202	983245	47.775	ng	100
80) Butylbenzylphthalate	13.457	149	388077	49.086	ng	97
81) Benzo(a)anthracene	14.039	228	764644	48.355	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	141034	28.060	ng	99
83) Chrysene	14.074	228	693800	48.086	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	486837	46.133	ng	99
85) Di-n-octyl phthalate	14.651	149	770808	51.862	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	652086	38.291	ng	100
88) Benzo(b)fluoranthene	15.115	252	765228	42.432	ng	99
89) Benzo(k)fluoranthene	15.145	252	704475	47.818	ng	100
90) Benzo(a)pyrene	15.486	252	703321	50.221	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	538064	38.224	ng	99
92) Benzo(g,h,i)perylene	17.509	276	453145	31.488	ng	99

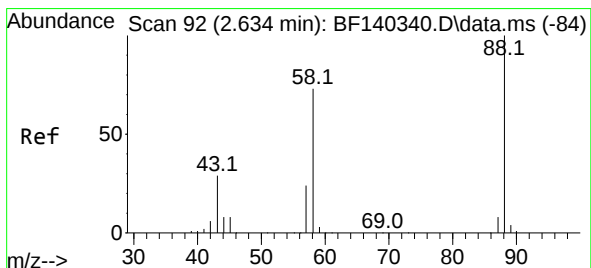
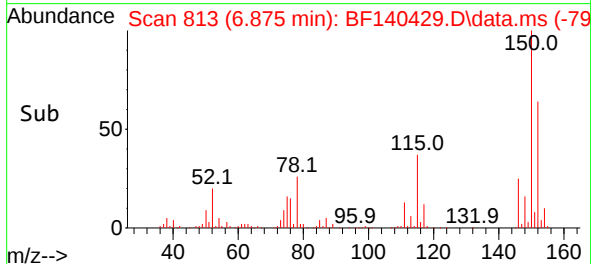
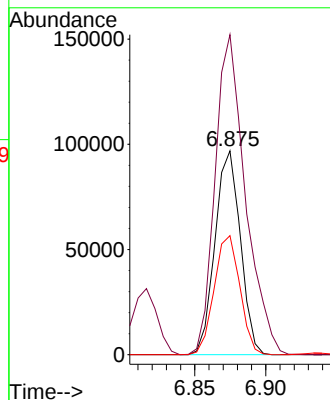
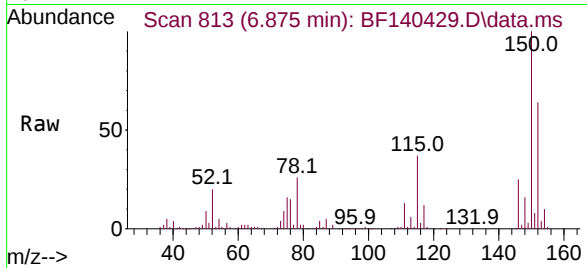
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140429.D
 Acq: 16 Nov 2024 14:57

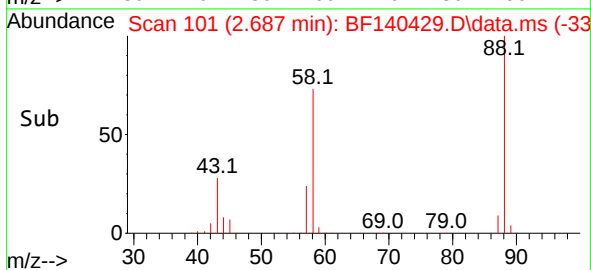
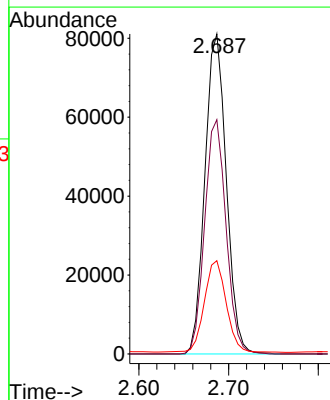
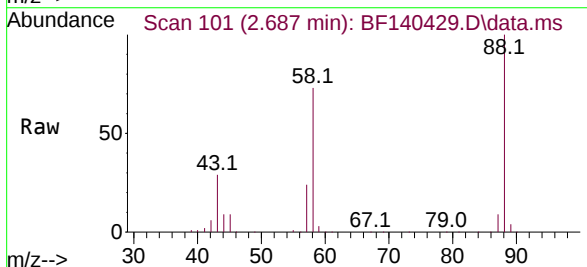
Instrument :
 BNA_F
 ClientSampleId :
 MH-731MSD

Tgt Ion:152 Resp: 120300
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.4 191.0
 115 58.4 47.4 71.2



#2
 1,4-Dioxane
 Concen: 42.735 ng
 RT: 2.687 min Scan# 101
 Delta R.T. 0.053 min
 Lab File: BF140429.D
 Acq: 16 Nov 2024 14:57

Tgt Ion: 88 Resp: 134200
 Ion Ratio Lower Upper
 88 100
 58 73.2 59.5 89.3
 43 29.4 23.4 35.2

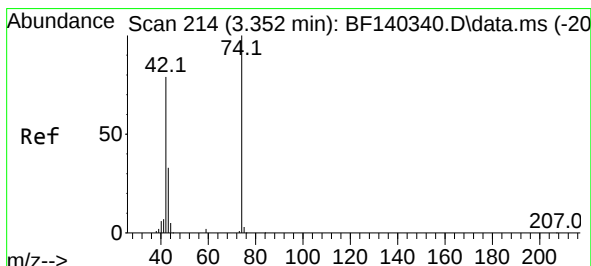
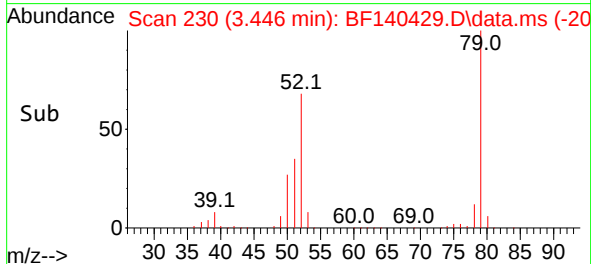
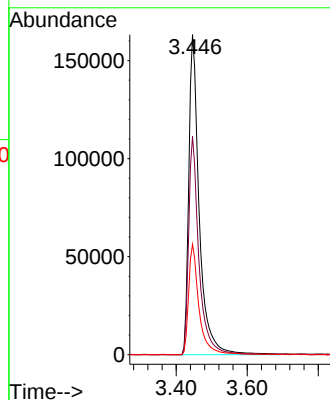
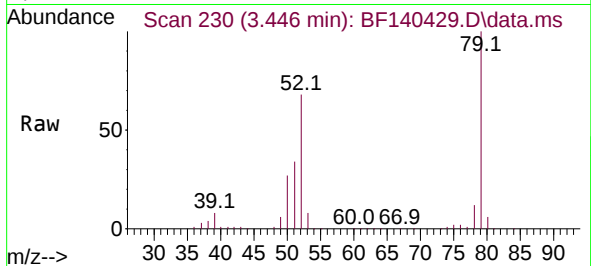




#3
Pyridine
Concen: 43.431 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

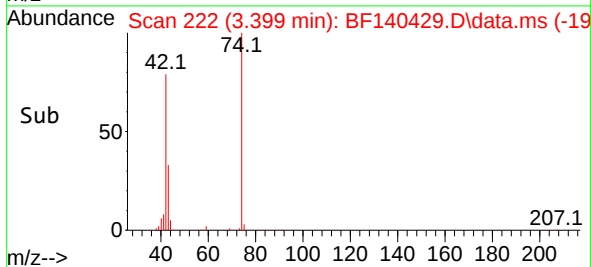
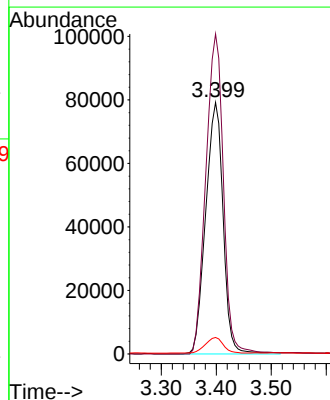
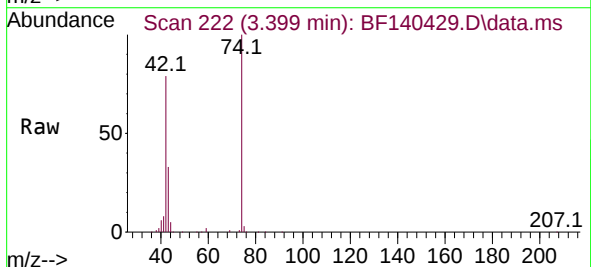
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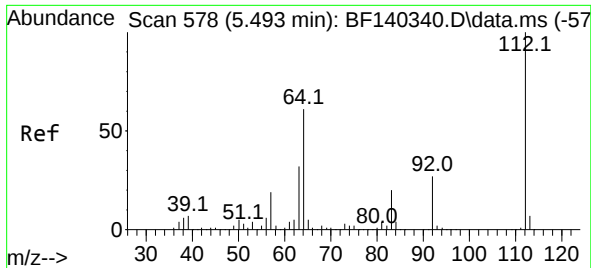
Tgt Ion: 79 Resp: 335298
Ion Ratio Lower Upper
79 100
52 68.2 53.8 80.6
51 34.5 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 44.814 ng
RT: 3.399 min Scan# 222
Delta R.T. 0.041 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion: 42 Resp: 174858
Ion Ratio Lower Upper
42 100
74 127.2 103.5 155.3
44 6.6 5.1 7.7

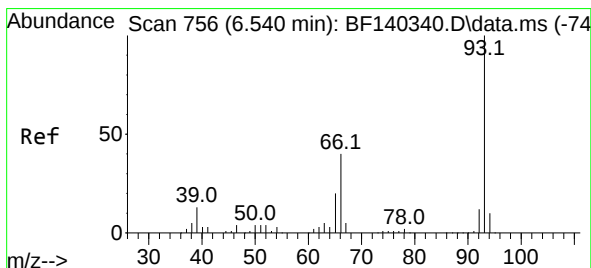
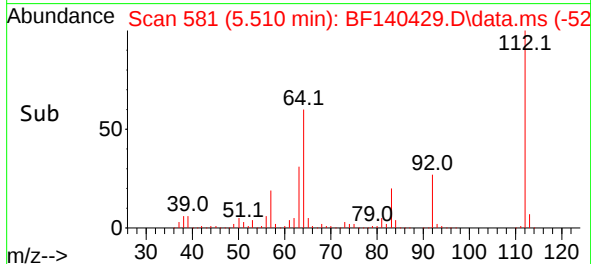
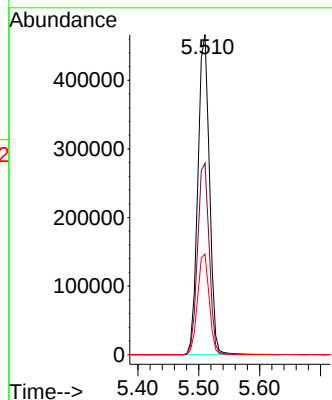
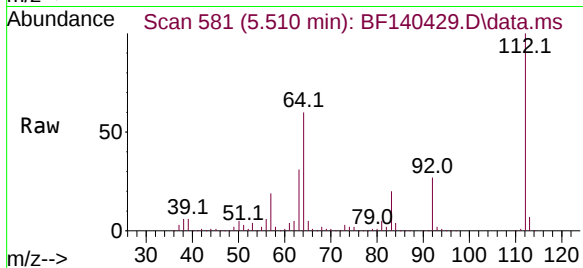




#5
2-Fluorophenol
Concen: 87.508 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

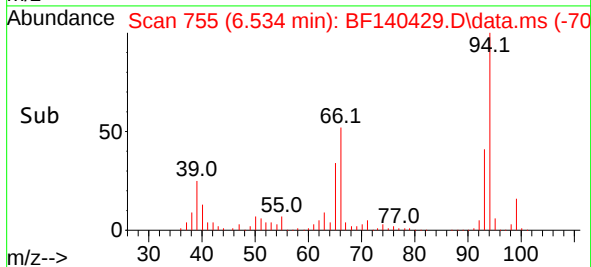
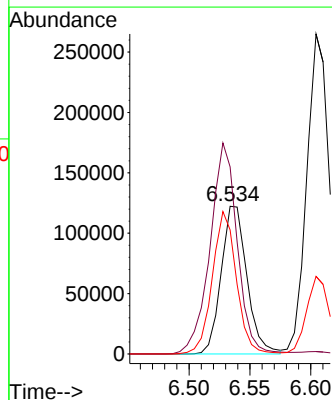
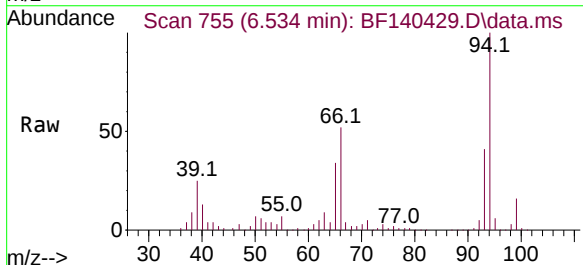
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

Tgt Ion:112 Resp: 616568
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 31.4 25.6 38.4



#6
Aniline
Concen: 21.646 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion: 93 Resp: 179750
Ion Ratio Lower Upper
93 100
66 126.6 32.8 49.2#
65 83.9 16.6 25.0#





#7

Phenol-d6

Concen: 85.567 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

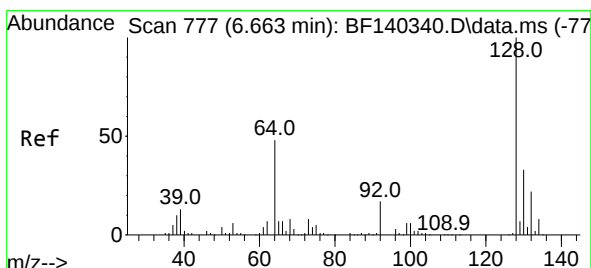
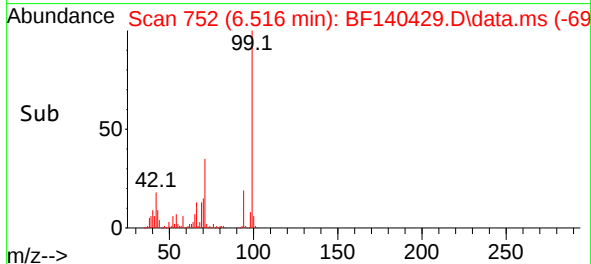
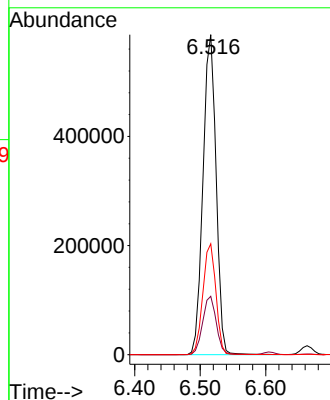
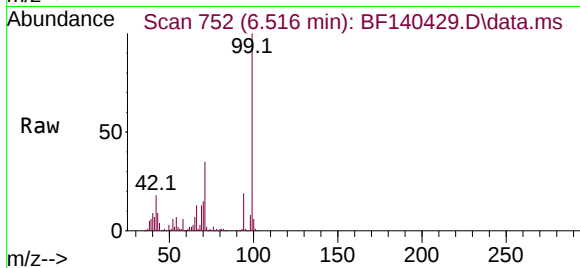
Tgt Ion: 99 Resp: 816821

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

71 34.6 27.9 41.9



#8

2-Chlorophenol

Concen: 46.476 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

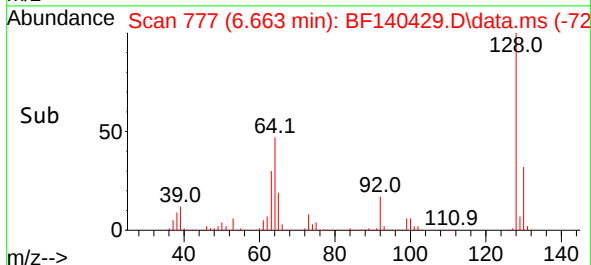
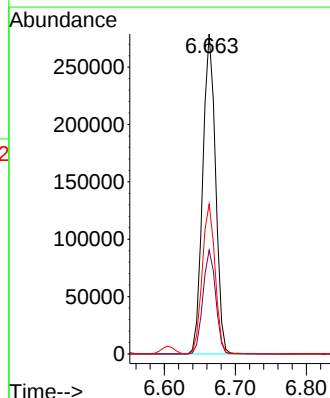
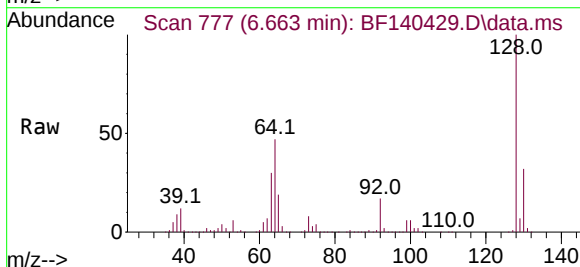
Tgt Ion: 128 Resp: 351754

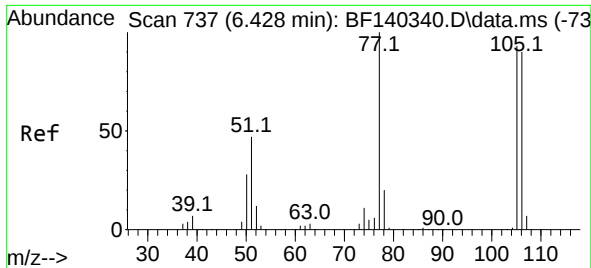
Ion Ratio Lower Upper

128 100

130 32.4 12.2 52.2

64 46.8 30.2 70.2





#9

Benzaldehyde

Concen: 5.612 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

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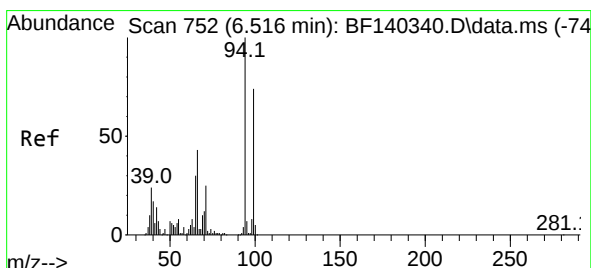
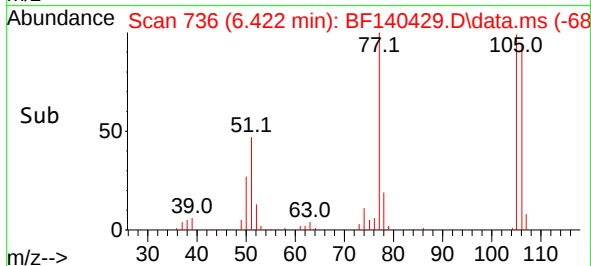
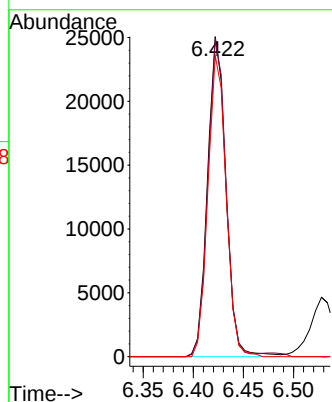
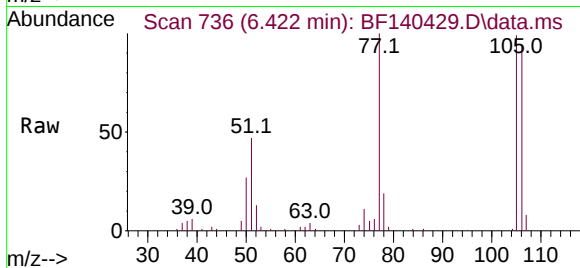
Tgt Ion: 77 Resp: 32105

Ion Ratio Lower Upper

77 100

105 99.0 74.4 114.4

106 94.0 69.9 109.9



#10

Phenol

Concen: 44.109 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

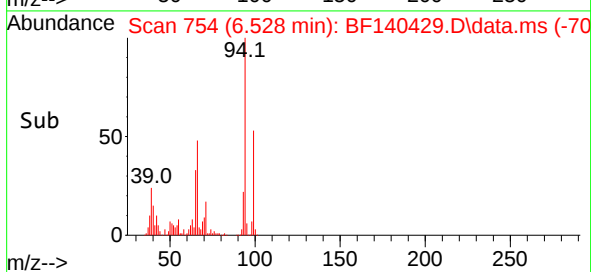
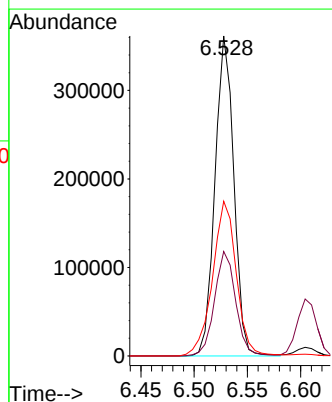
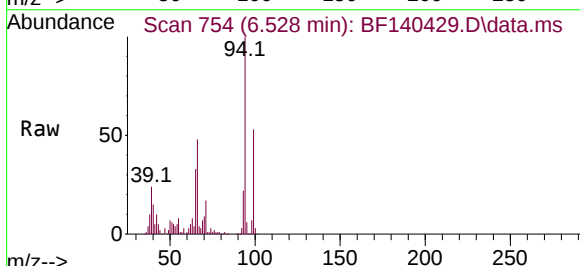
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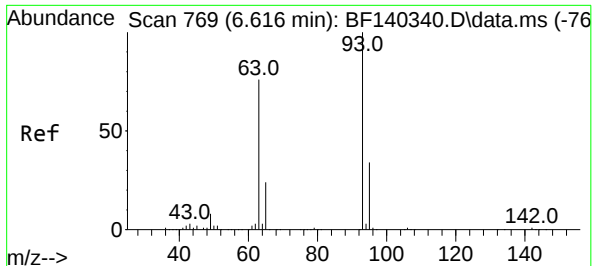
Ion Ratio Lower Upper

94 100

65 32.6 10.4 50.4

66 48.4 22.9 62.9

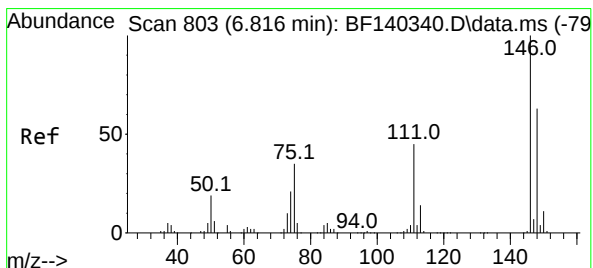
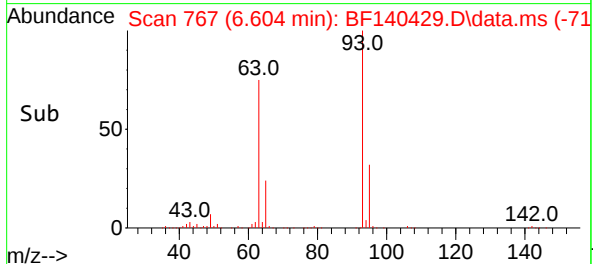
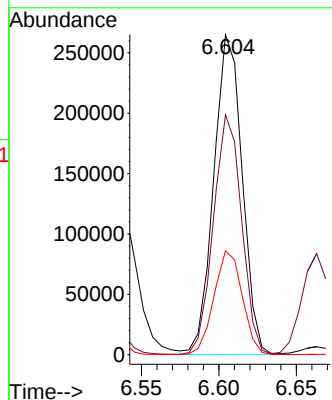
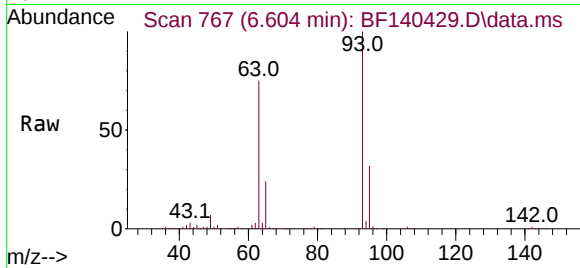




#11
bis(2-Chloroethyl)ether
Concen: 44.273 ng
RT: 6.604 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

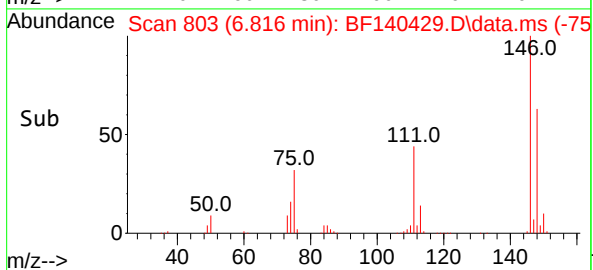
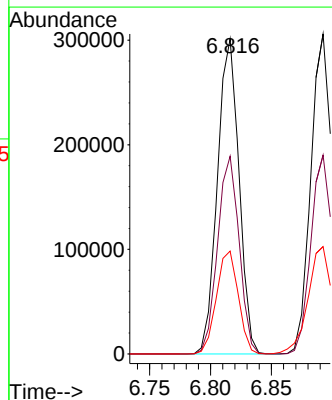
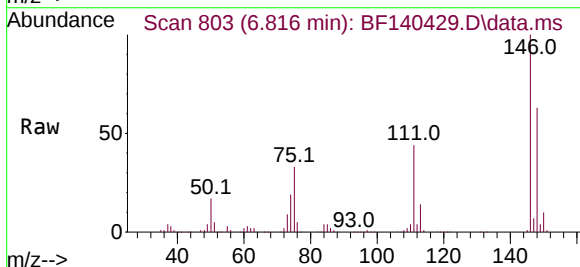
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

Tgt Ion: 93 Resp: 337706
Ion Ratio Lower Upper
93 100
63 75.0 54.0 94.0
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.438 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion: 146 Resp: 371089
Ion Ratio Lower Upper
146 100
148 62.7 50.7 76.1
75 32.6 26.4 39.6

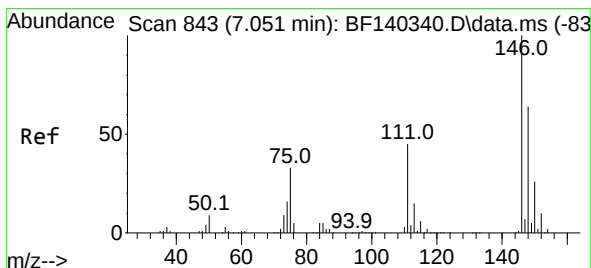
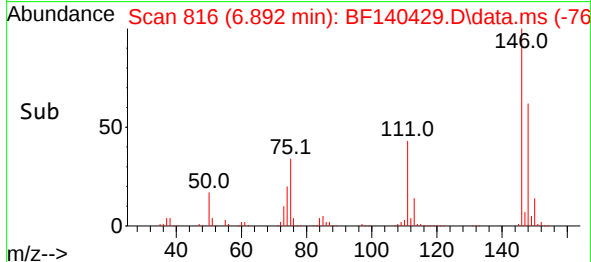
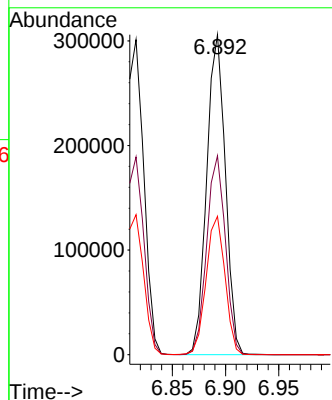
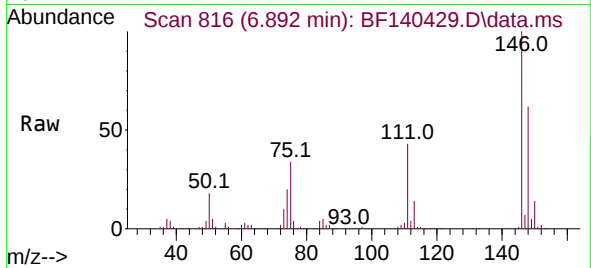




#13
1,4-Dichlorobenzene
Concen: 44.132 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

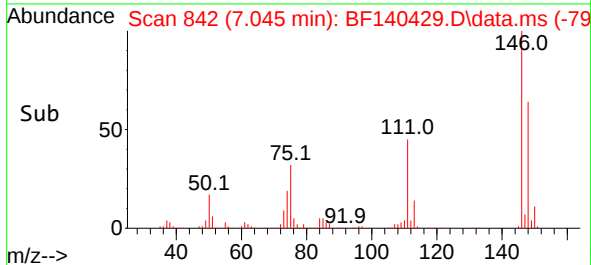
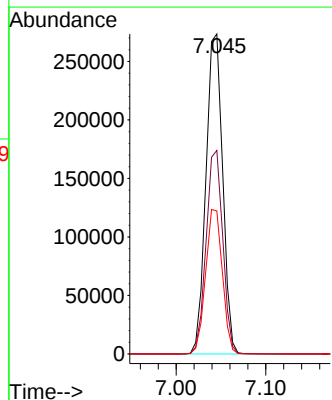
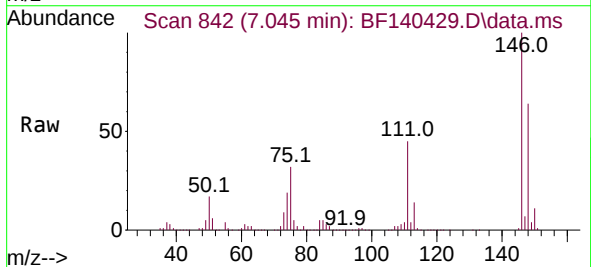
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

Tgt Ion:146 Resp: 373686
Ion Ratio Lower Upper
146 100
148 62.2 50.8 76.2
111 43.3 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 45.008 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:146 Resp: 353796
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
111 44.7 36.5 54.7

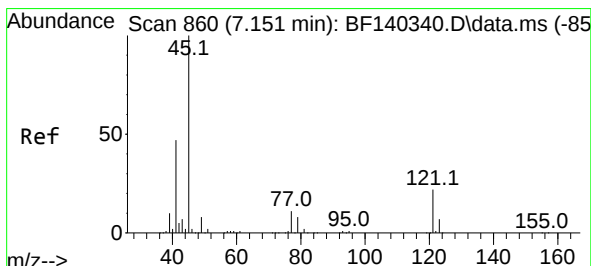
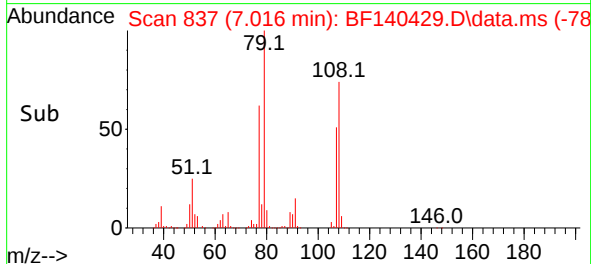
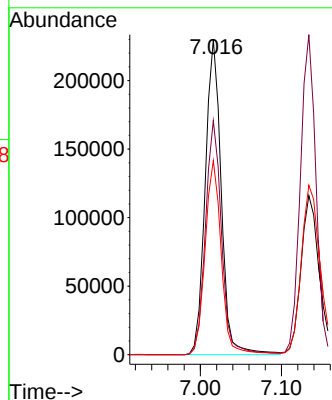
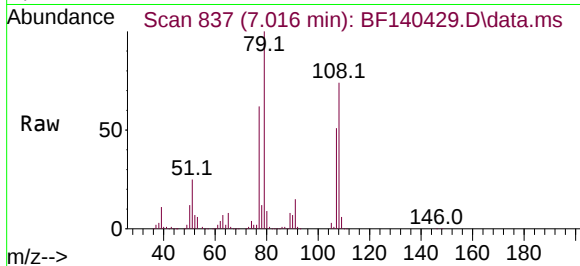




#15
Benzyl Alcohol
Concen: 45.661 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

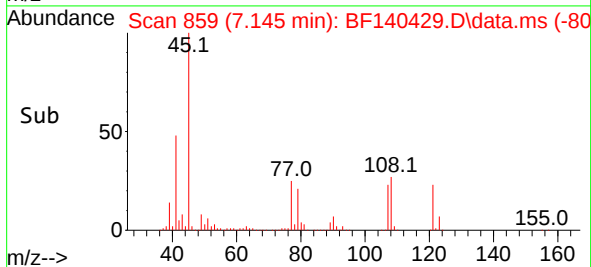
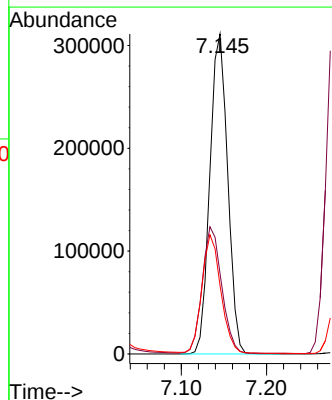
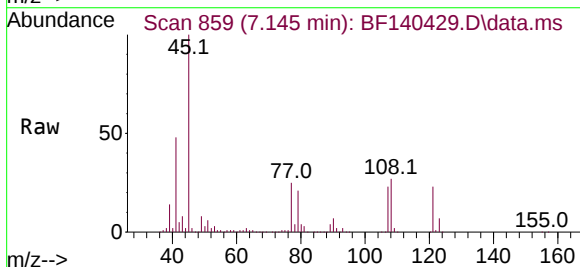
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

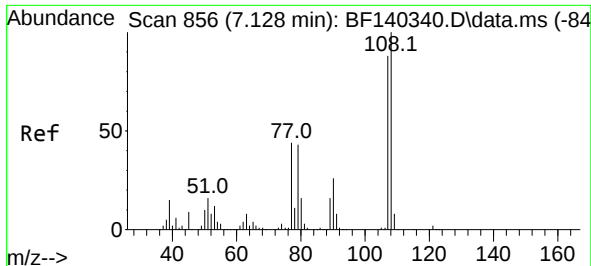
Tgt Ion: 79 Resp: 314040
Ion Ratio Lower Upper
79 100
108 74.3 57.8 86.6
77 61.6 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.838 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

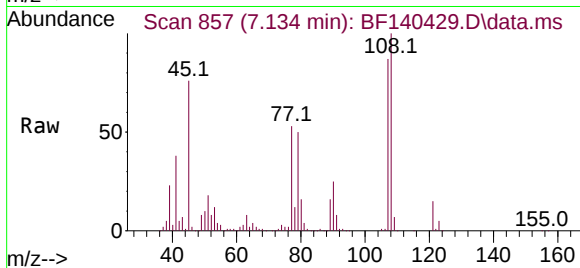
Tgt Ion: 45 Resp: 451349
Ion Ratio Lower Upper
45 100
77 25.1 0.0 34.8
79 21.3 0.0 31.4



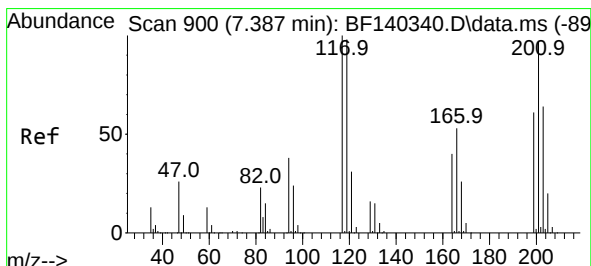
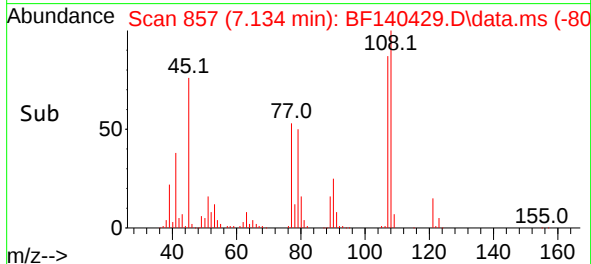
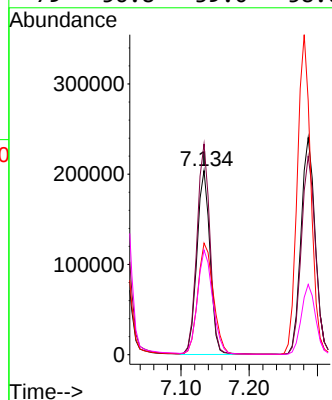


#17
2-Methylphenol
Concen: 43.843 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Instrument :
BNA_F
ClientSampleId :
MH-731MSD

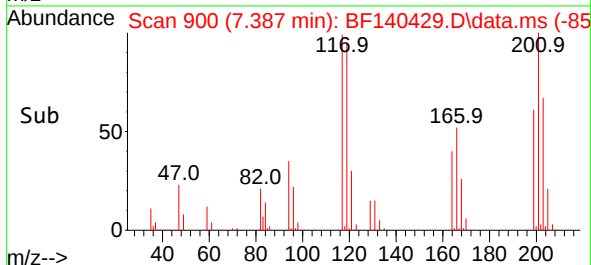
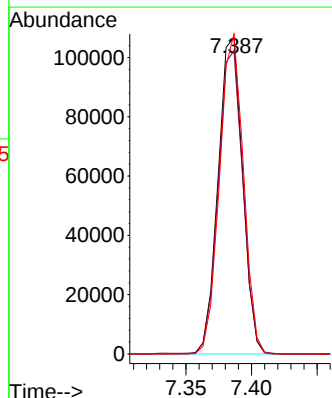
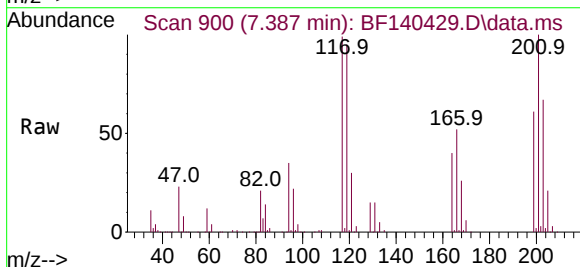


Tgt Ion:	107	Resp:	272972
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.9	137.9
77	60.6	39.7	59.5
79	56.8	39.0	58.6



#18
Hexachloroethane
Concen: 44.160 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:	117	Resp:	138236
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.9	115.3
201	101.1	80.2	120.4



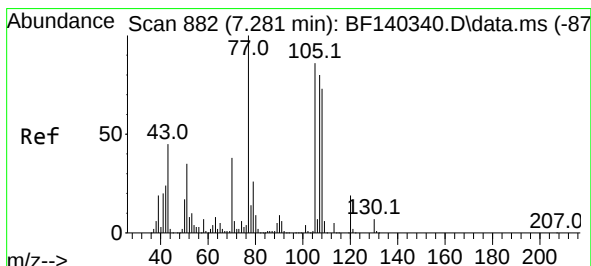
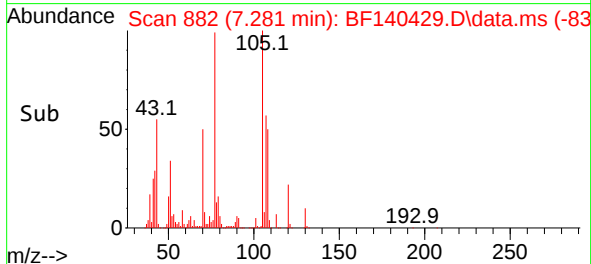
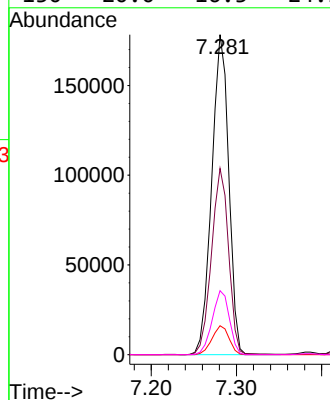
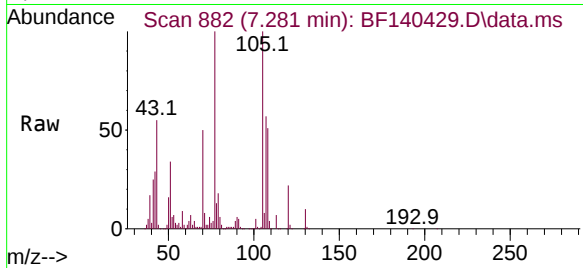


#19
n-Nitroso-di-n-propylamine
Concen: 43.077 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Instrument :
BNA_F
ClientSampleId :
MH-731MSD

Tgt Ion: 70 Resp: 248359

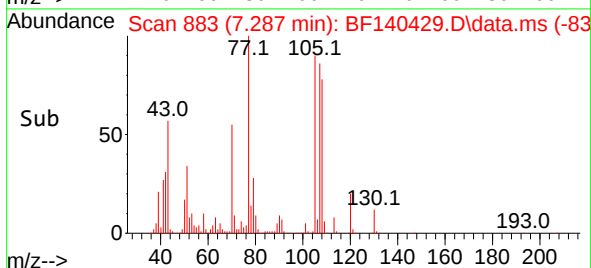
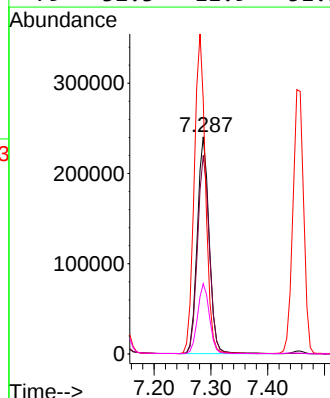
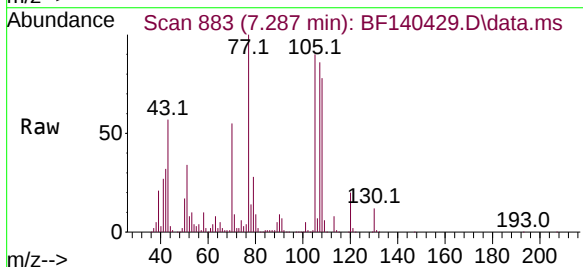
Ion	Ratio	Lower	Upper
70	100		
42	58.2	46.8	70.2
101	9.0	7.5	11.3
130	20.0	16.3	24.5

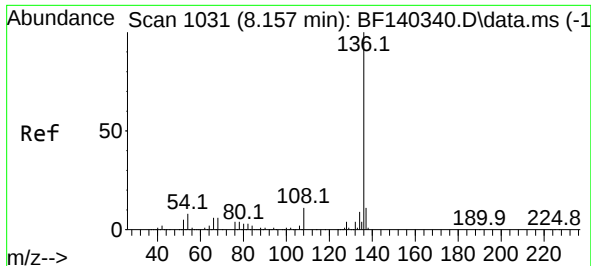


#20
3+4-Methylphenols
Concen: 45.015 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion: 107 Resp: 350508

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.4	111.4
77	116.9	97.0	137.0
79	32.3	11.9	51.9



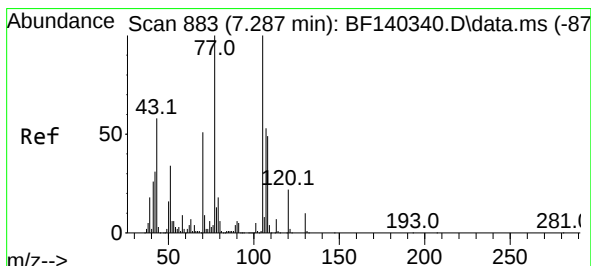
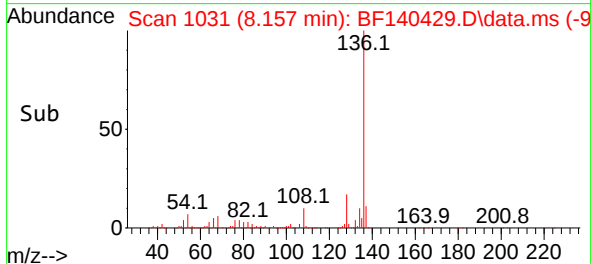
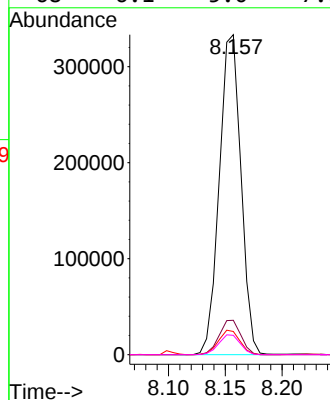
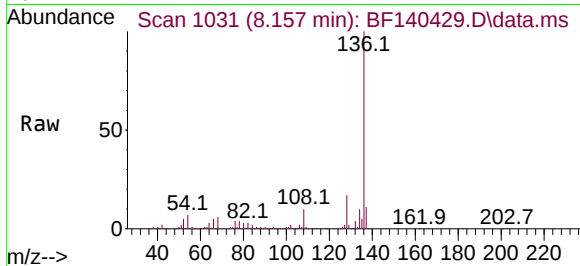


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Instrument :
BNA_F
ClientSampleId :
MH-731MSD

Tgt Ion:136 Resp: 442674

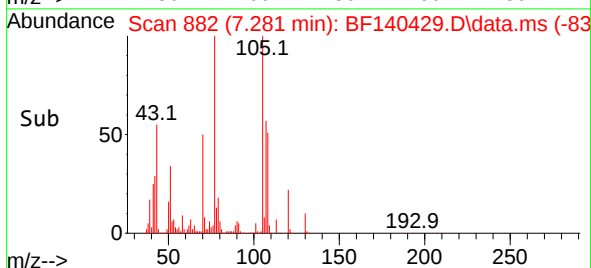
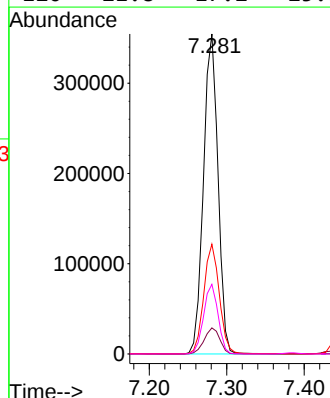
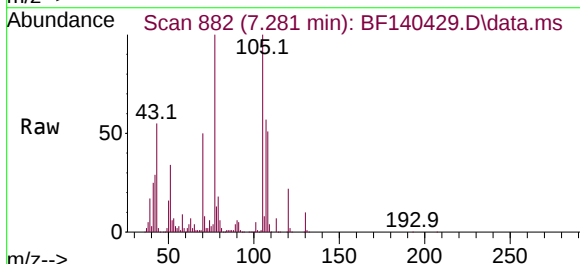
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.3	6.5	9.7
68	6.1	5.0	7.6



#22
Acetophenone
Concen: 44.785 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:105 Resp: 461091

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.9	10.3
51	34.3	28.6	43.0
120	21.8	17.2	25.8

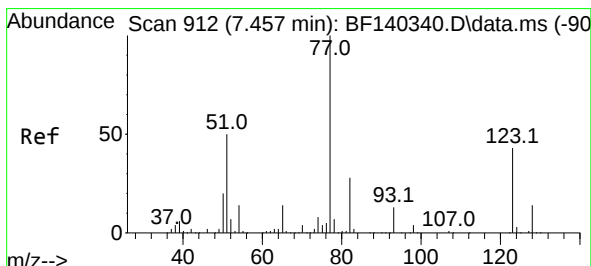
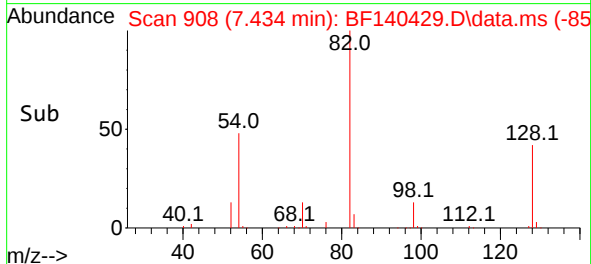
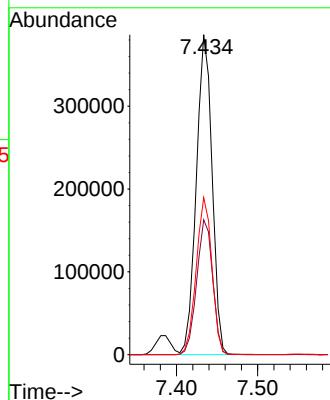
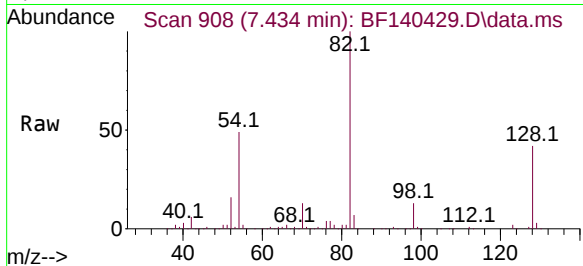




#23
Nitrobenzene-d5
Concen: 61.443 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

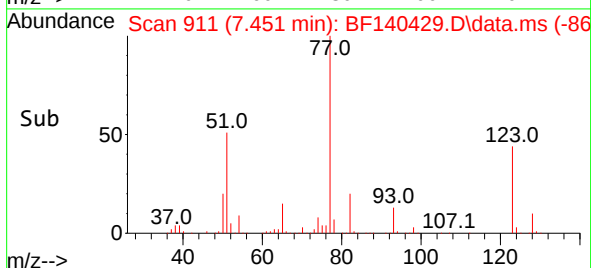
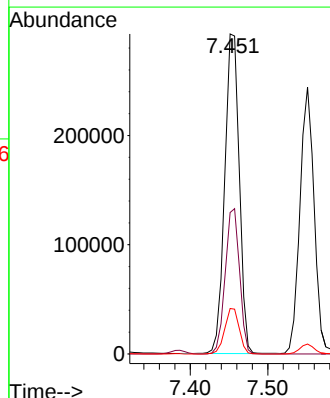
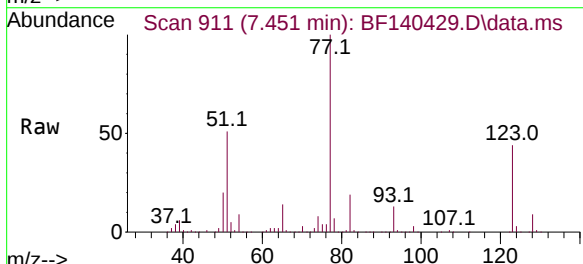
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

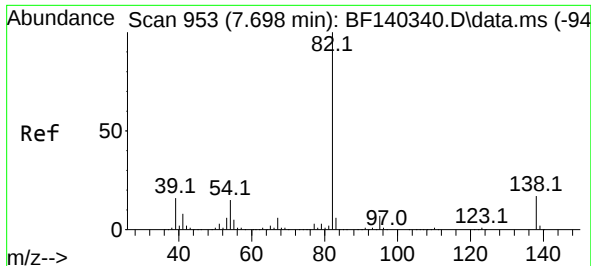
Tgt Ion: 82 Resp: 522034
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 49.1 39.8 59.8



#24
Nitrobenzene
Concen: 43.220 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion: 77 Resp: 382327
Ion Ratio Lower Upper
77 100
123 44.2 35.4 53.0
65 14.2 11.1 16.7

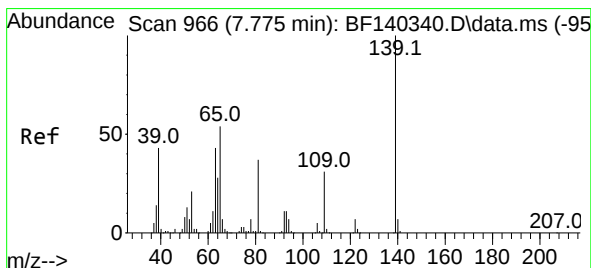
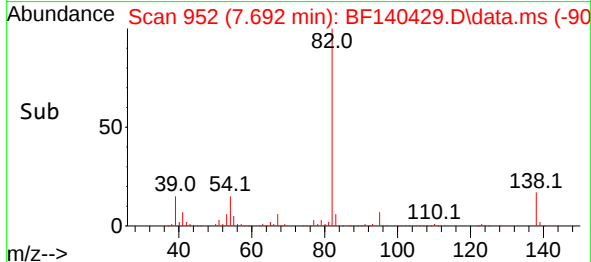
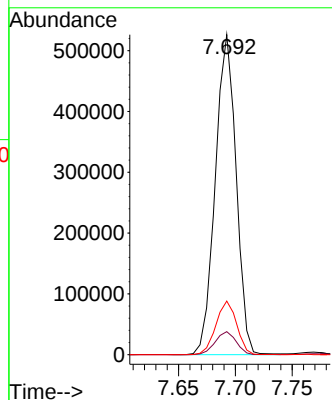
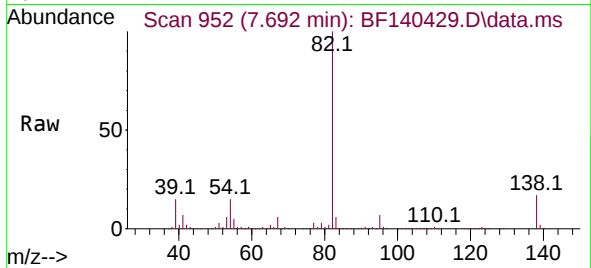




#25
Isophorone
Concen: 44.695 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

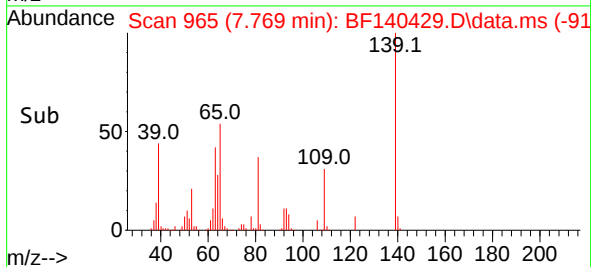
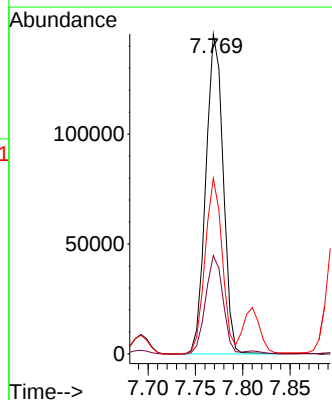
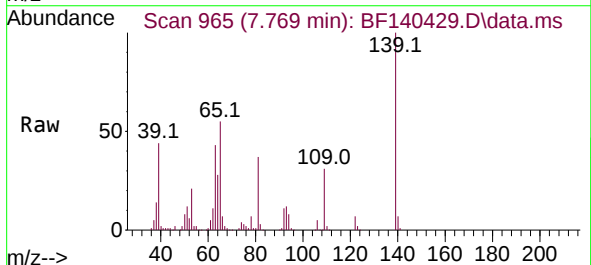
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

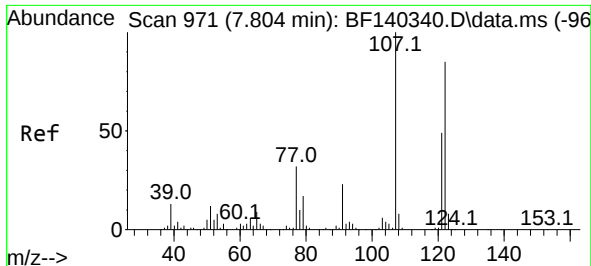
Tgt Ion: 82 Resp: 673006
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 16.7 13.4 20.2



#26
2-Nitrophenol
Concen: 47.171 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:139 Resp: 185166
Ion Ratio Lower Upper
139 100
109 30.8 24.4 36.6
65 54.9 42.8 64.2

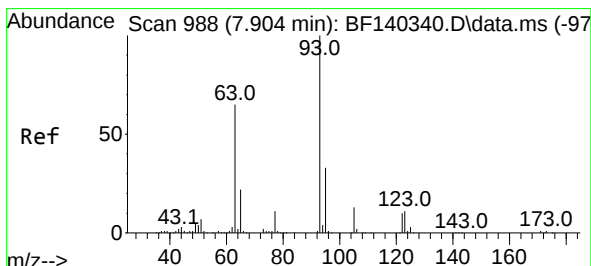
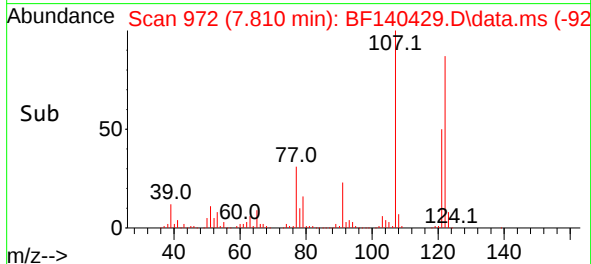
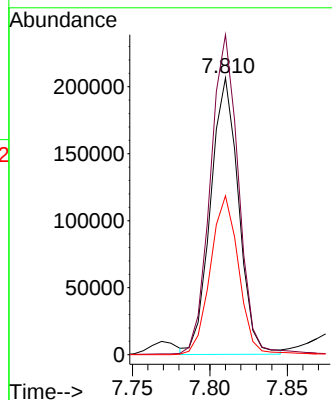
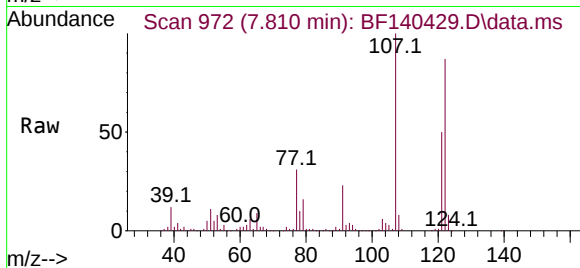




#27
2,4-Dimethylphenol
Concen: 51.680 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

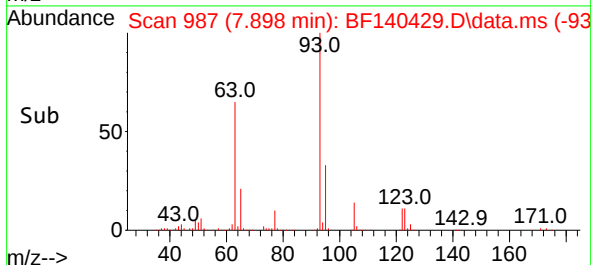
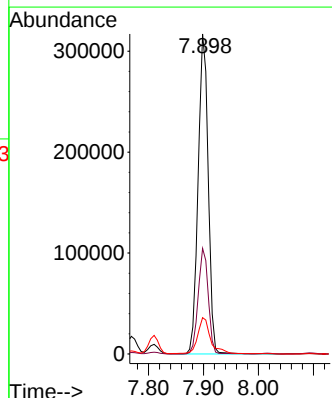
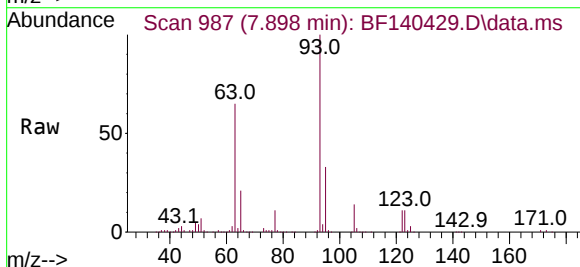
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

Tgt Ion:122 Resp: 259721
Ion Ratio Lower Upper
122 100
107 115.6 91.3 136.9
121 57.4 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 43.921 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion: 93 Resp: 405524
Ion Ratio Lower Upper
93 100
95 33.0 25.9 38.9
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.511 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

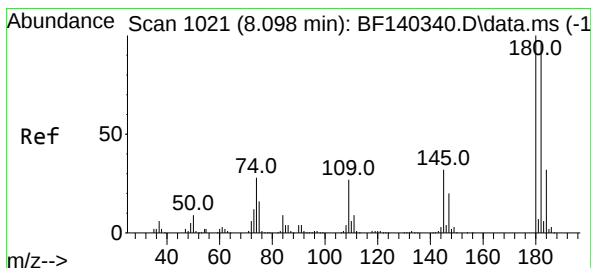
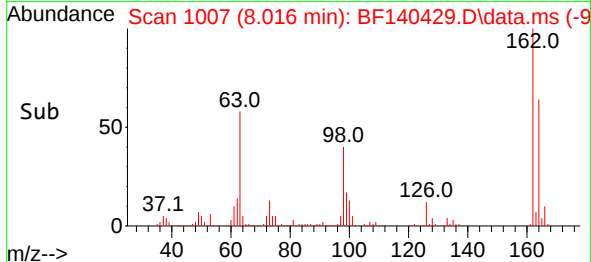
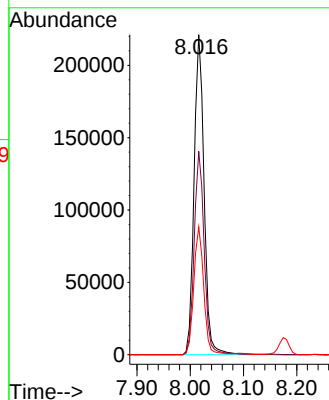
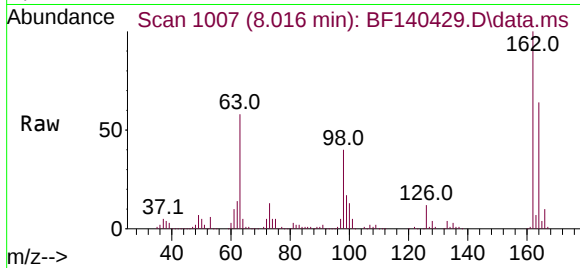
Tgt Ion:162 Resp: 288881

Ion Ratio Lower Upper

162 100

164 63.5 45.4 85.4

98 40.0 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 43.290 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

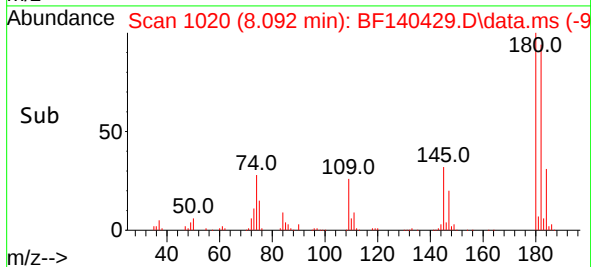
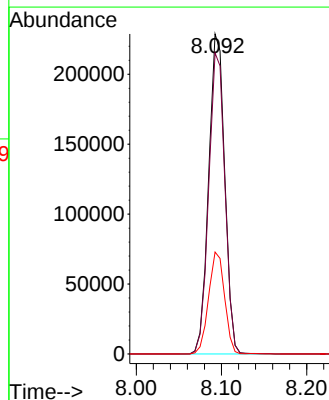
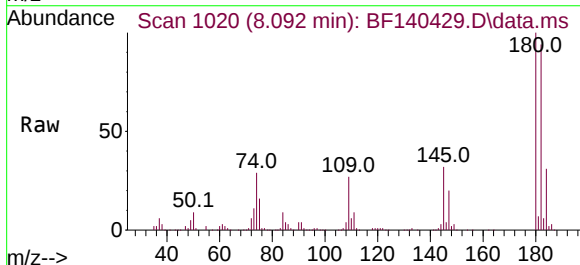
Tgt Ion:180 Resp: 299350

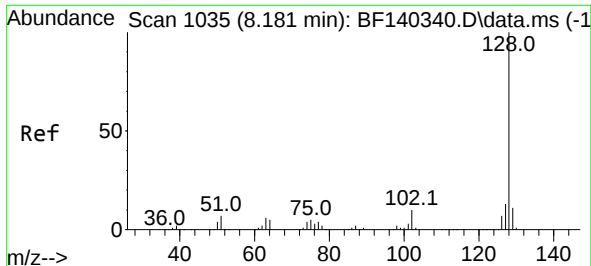
Ion Ratio Lower Upper

180 100

182 94.0 76.5 114.7

145 31.9 25.3 37.9

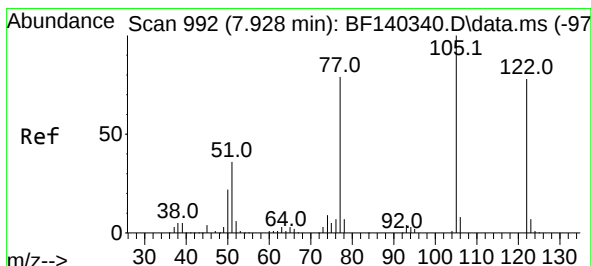
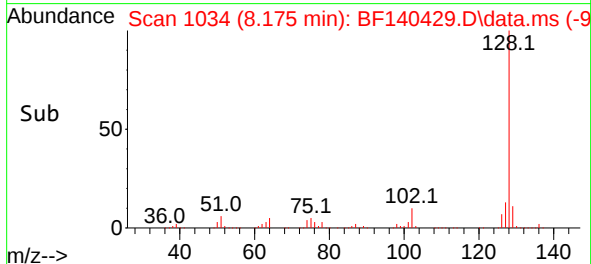
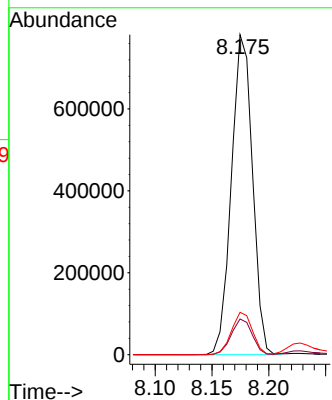
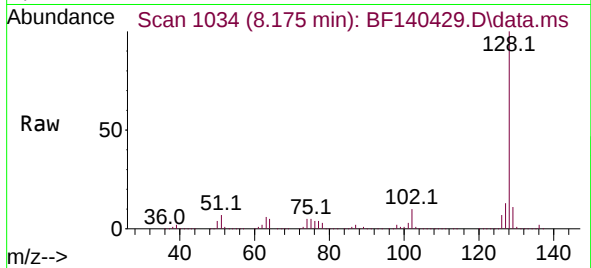




#31
Naphthalene
Concen: 44.870 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

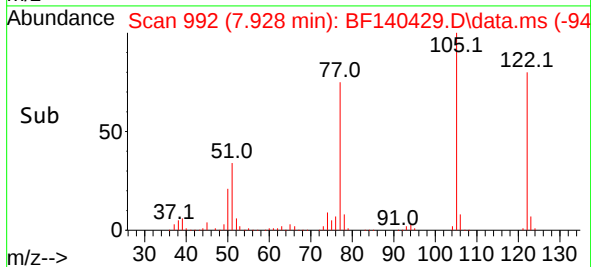
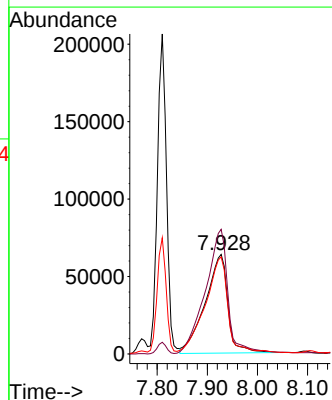
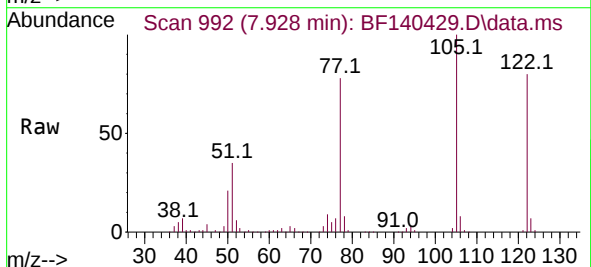
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

Tgt Ion:128 Resp: 1007609
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 45.441 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:122 Resp: 200950
Ion Ratio Lower Upper
122 100
105 125.2 100.9 140.9
77 97.5 76.0 116.0

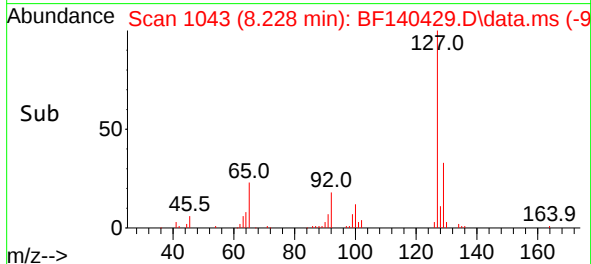
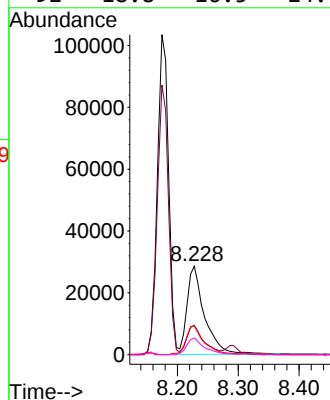
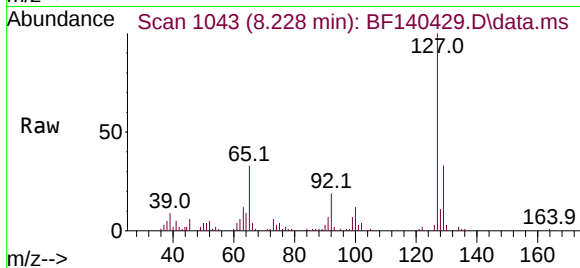




#33
4-Chloroaniline
Concen: 7.258 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

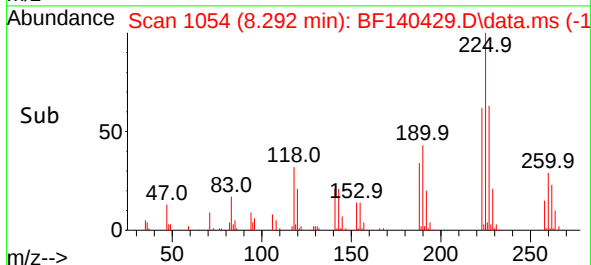
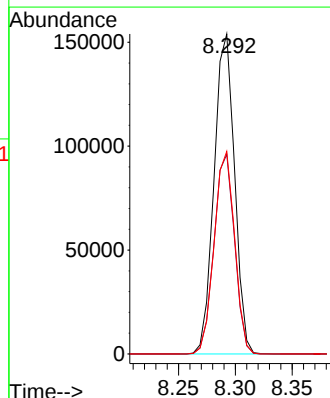
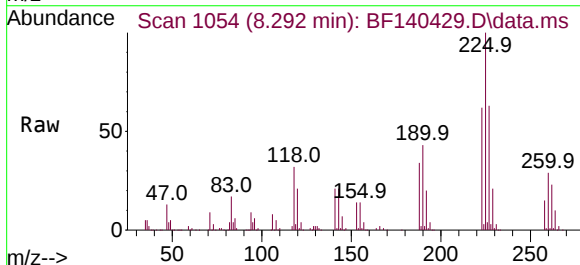
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

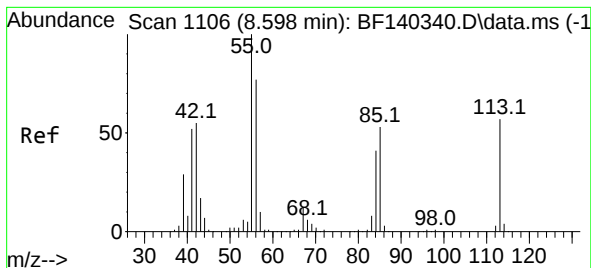
Tgt Ion:	127	Resp:	56684
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.4
65	32.5	25.8	38.6
92	18.8	16.5	24.7



#34
Hexachlorobutadiene
Concen: 43.834 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:	225	Resp:	193123
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	63.3	51.3	76.9





#35

Caprolactam

Concen: 34.820 ng

RT: 8.586 min Scan# 1104

Delta R.T. -0.012 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

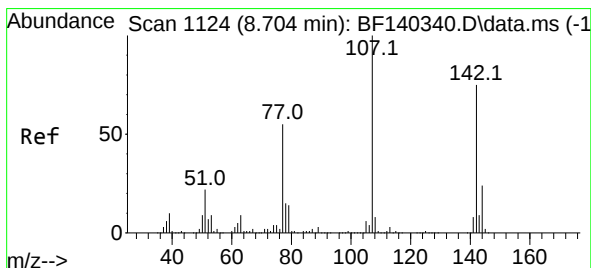
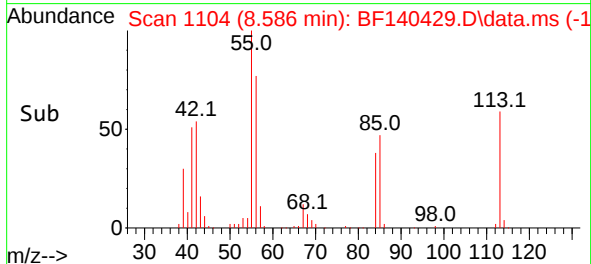
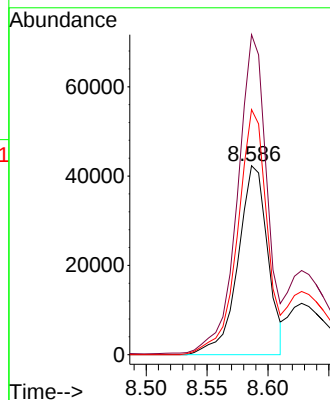
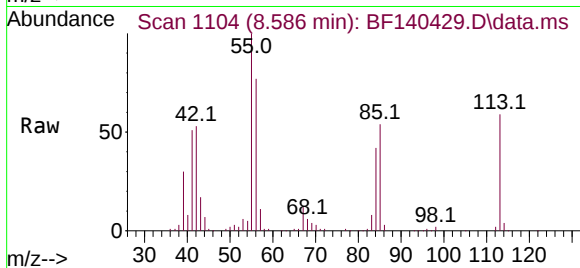
Tgt Ion:113 Resp: 71881

Ion Ratio Lower Upper

113 100

55 169.4 150.0 190.0

56 129.7 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 46.134 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

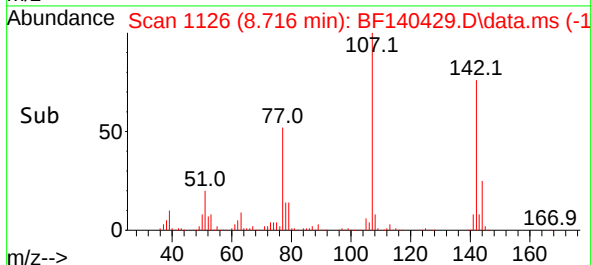
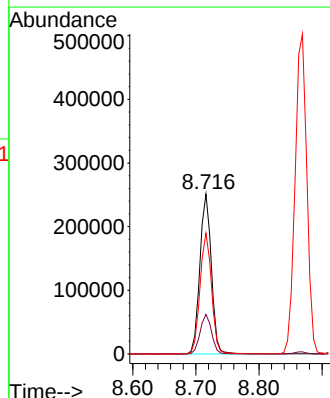
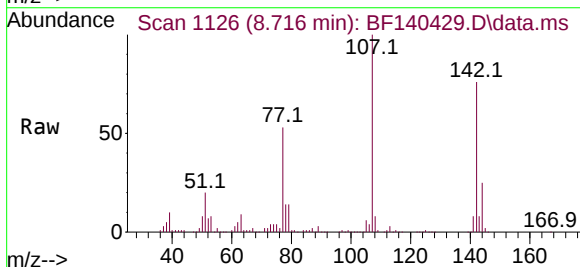
Tgt Ion:107 Resp: 317541

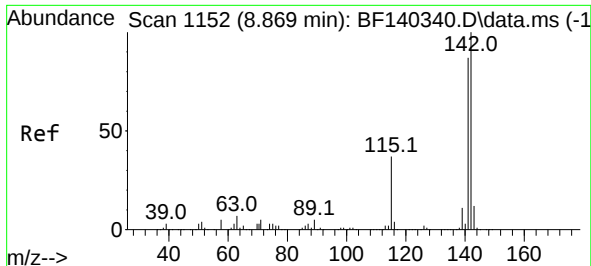
Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

142 75.6 59.4 89.0





#37

2-Methylnaphthalene

Concen: 45.128 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

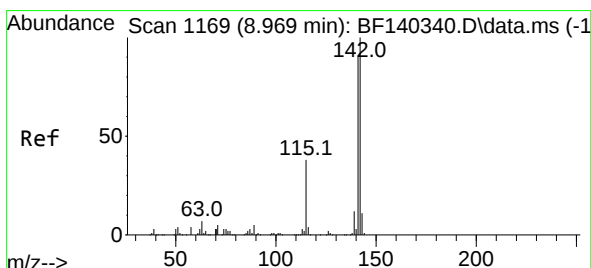
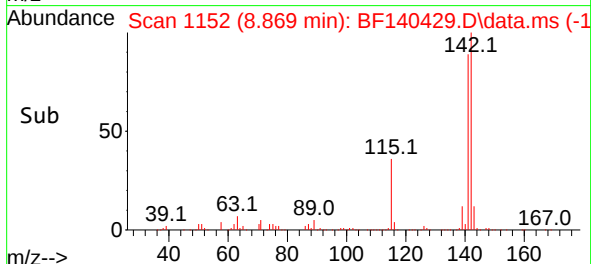
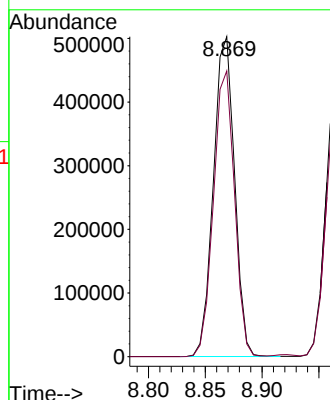
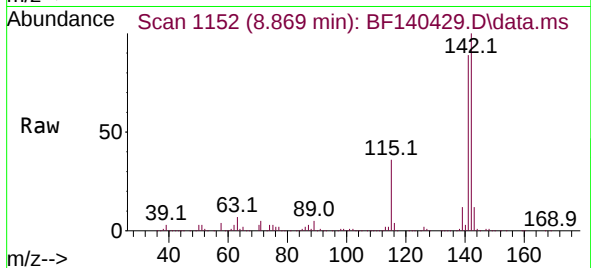
MH-731MSD

Tgt Ion:142 Resp: 649809

Ion Ratio Lower Upper

142 100

141 89.3 70.4 105.6



#38

1-Methylnaphthalene

Concen: 42.867 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140429.D

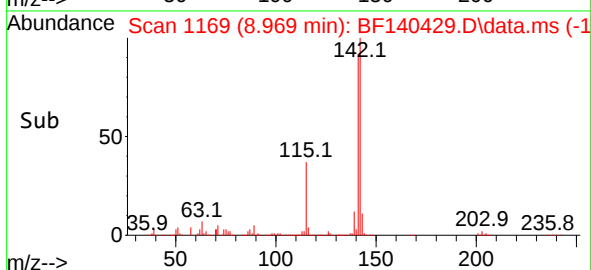
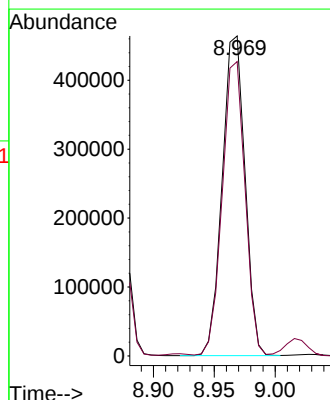
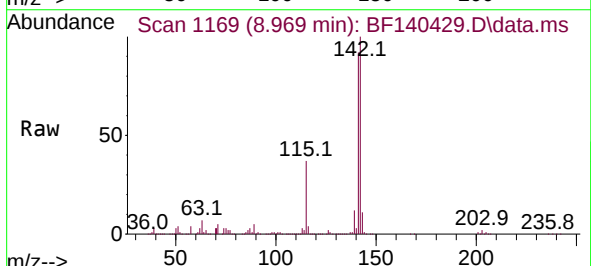
Acq: 16 Nov 2024 14:57

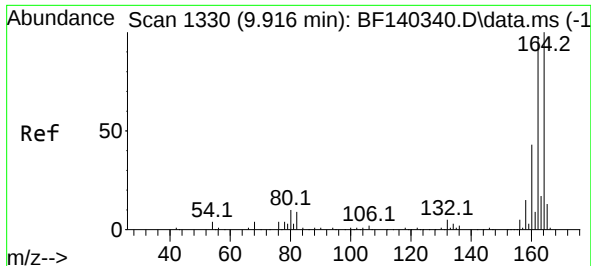
Tgt Ion:142 Resp: 604446

Ion Ratio Lower Upper

142 100

141 92.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

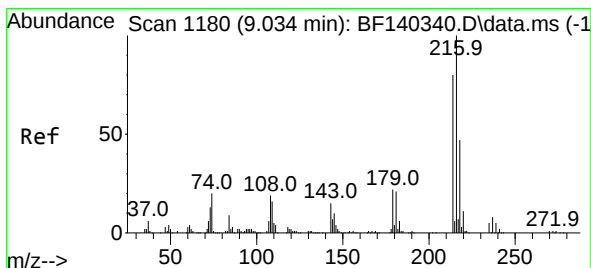
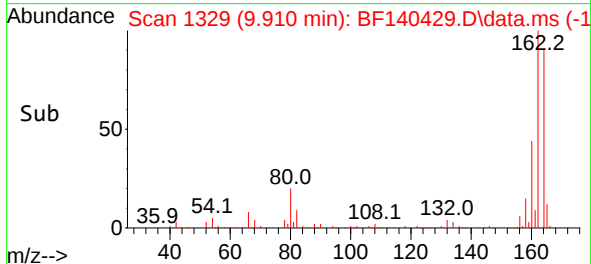
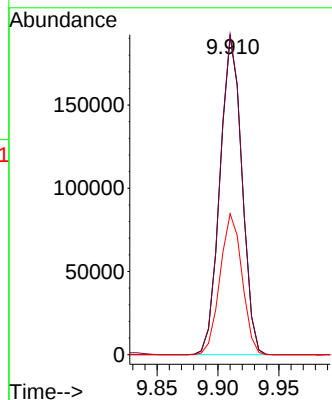
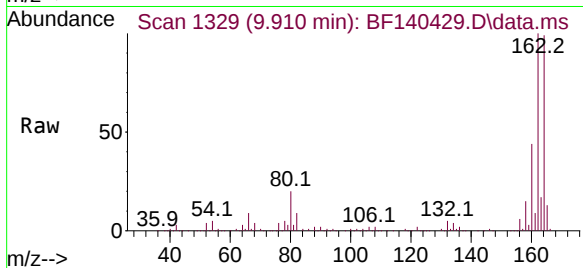
Tgt Ion:164 Resp: 239484

Ion Ratio Lower Upper

164 100

162 100.6 79.8 119.8

160 44.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.388 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Tgt Ion:216 Resp: 307208

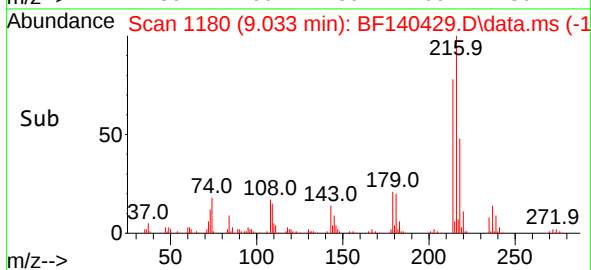
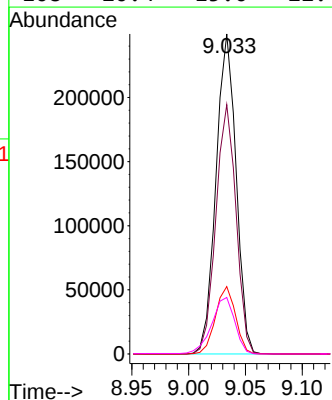
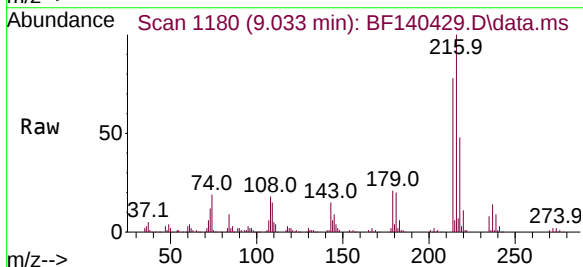
Ion Ratio Lower Upper

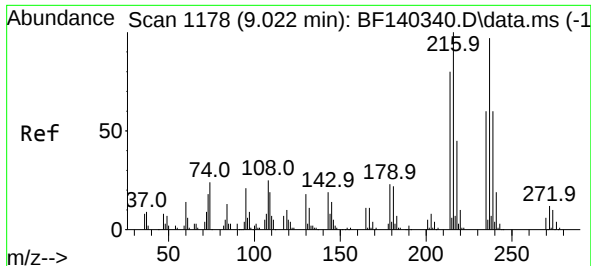
216 100

214 77.9 63.2 94.8

179 21.0 17.2 25.8

108 20.4 15.0 22.4

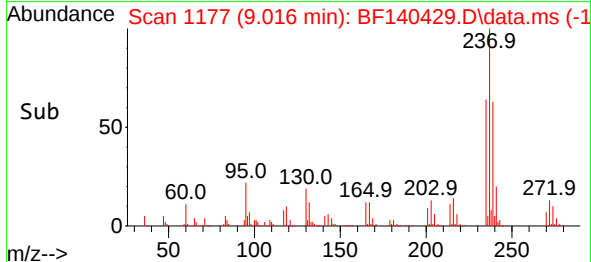
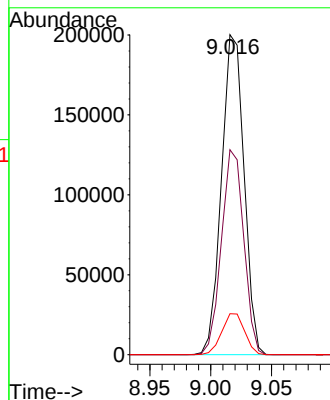
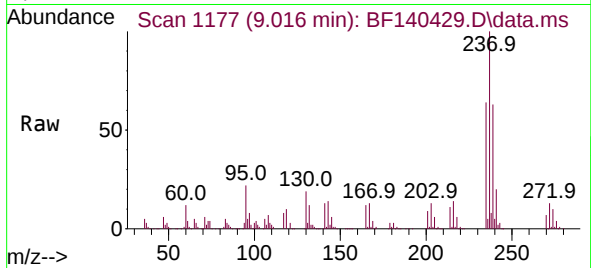




#41
Hexachlorocyclopentadiene
Concen: 151.725 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

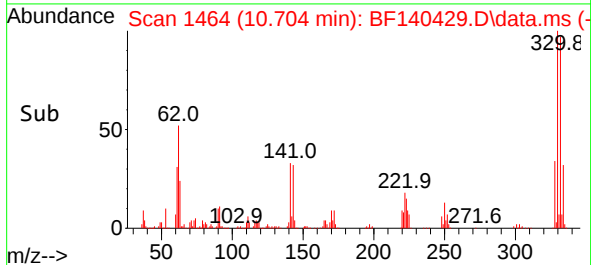
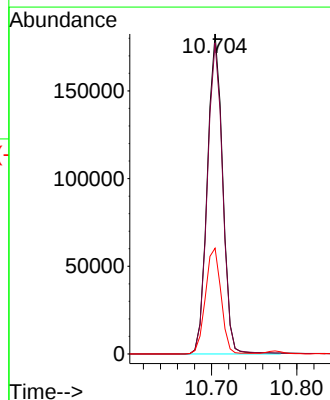
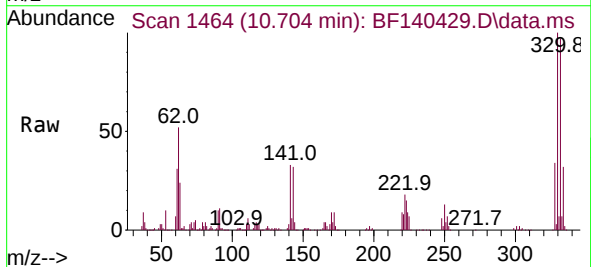
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

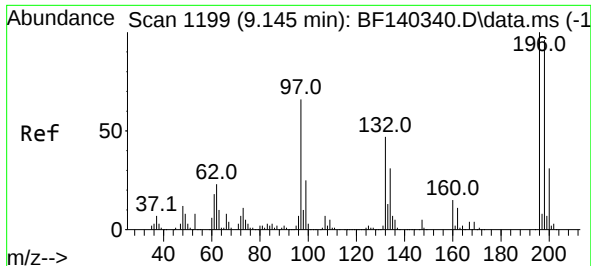
Tgt Ion:237 Resp: 257986
Ion Ratio Lower Upper
237 100
235 64.0 42.8 82.8
272 12.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 95.618 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:330 Resp: 227712
Ion Ratio Lower Upper
330 100
332 97.7 75.9 113.9
141 33.8 26.9 40.3

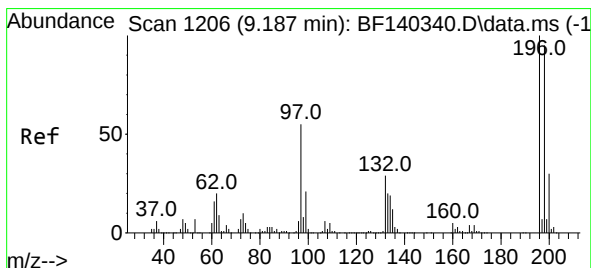
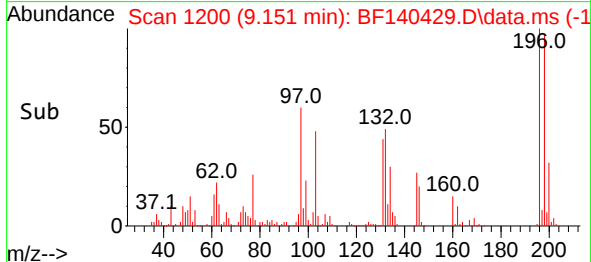
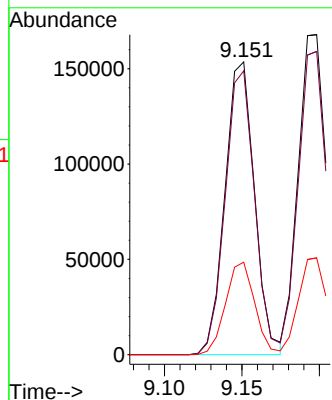
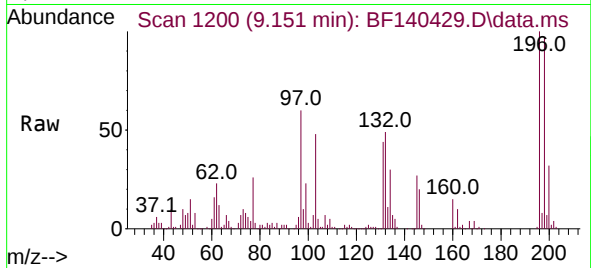




#43
2,4,6-Trichlorophenol
Concen: 47.006 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

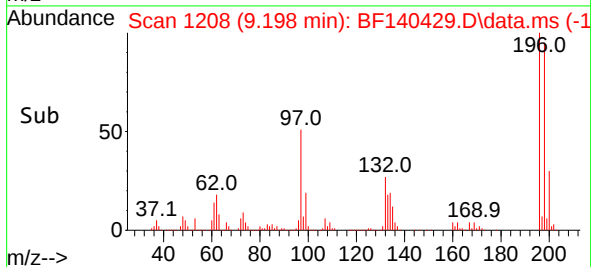
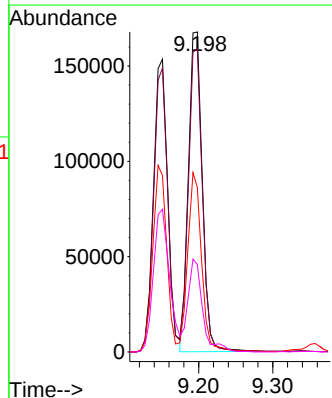
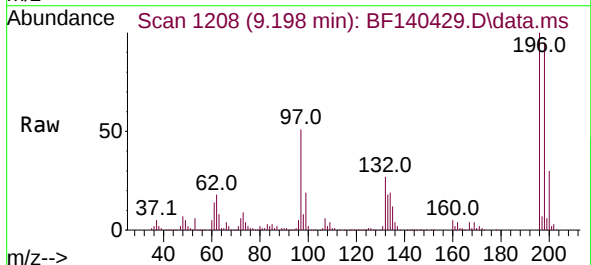
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

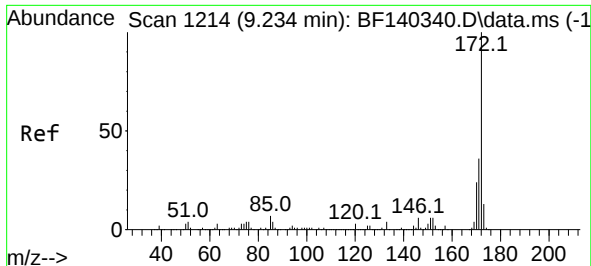
Tgt Ion:196 Resp: 204292
Ion Ratio Lower Upper
196 100
198 96.9 77.0 115.4
200 31.6 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 46.277 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:196 Resp: 219894
Ion Ratio Lower Upper
196 100
198 94.7 77.6 116.4
97 51.5 45.4 68.2
132 27.4 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 64.794 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

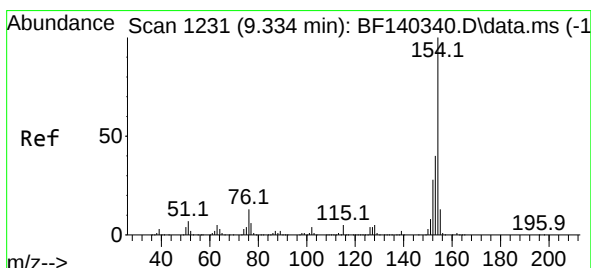
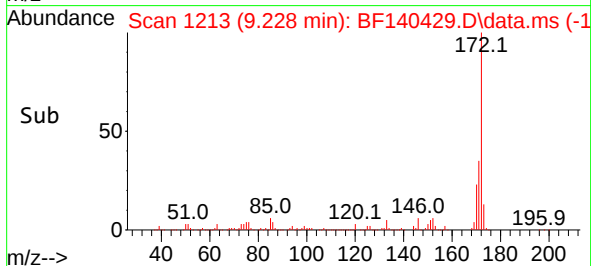
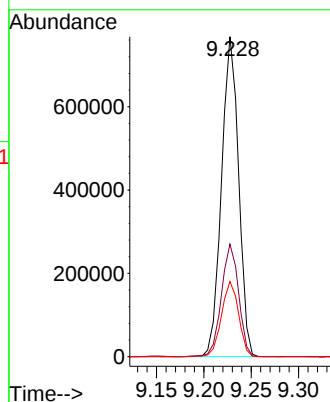
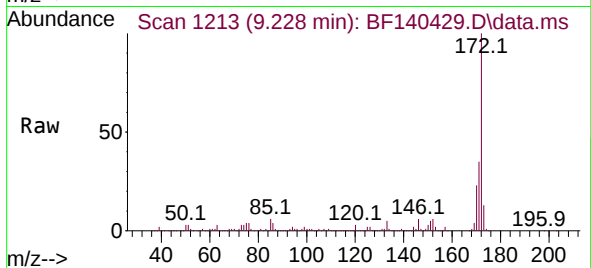
Tgt Ion:172 Resp: 965266

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 46.495 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

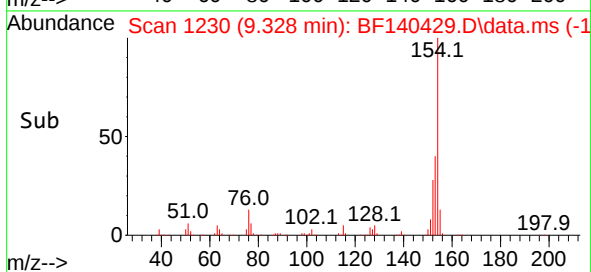
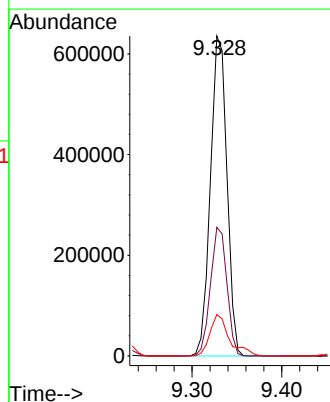
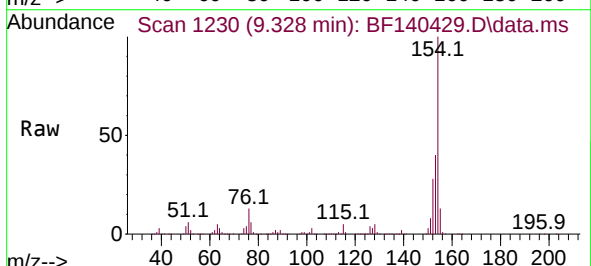
Tgt Ion:154 Resp: 810048

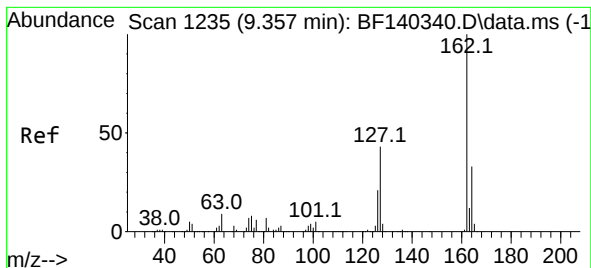
Ion Ratio Lower Upper

154 100

153 40.2 20.4 60.4

76 13.0 0.0 32.9





#47

2-Chloronaphthalene

Concen: 45.237 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

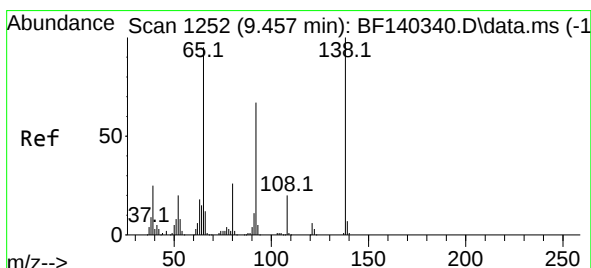
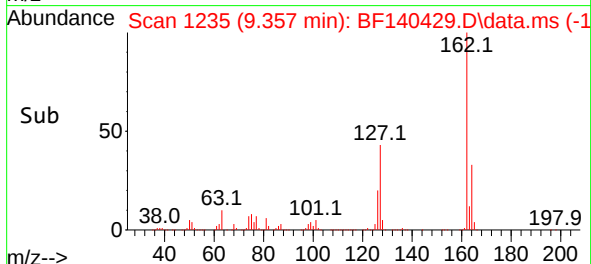
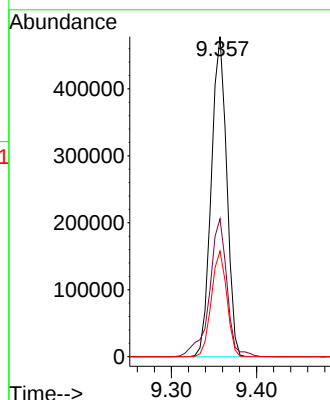
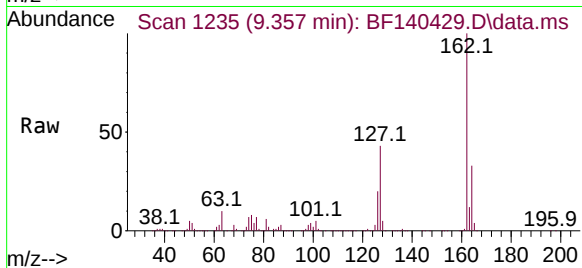
Tgt Ion:162 Resp: 600374

Ion Ratio Lower Upper

162 100

127 43.1 34.0 51.0

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 47.684 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

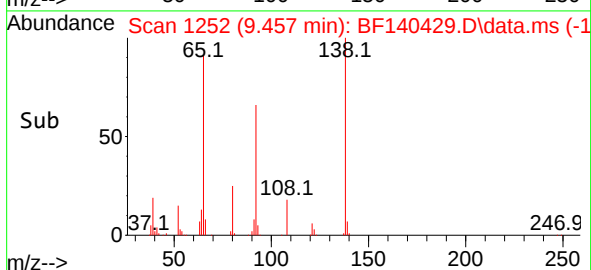
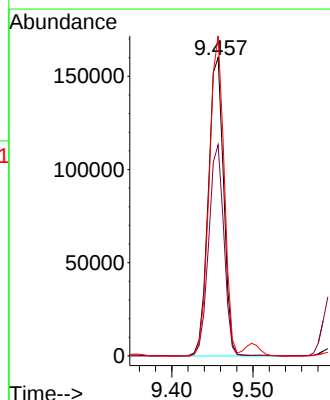
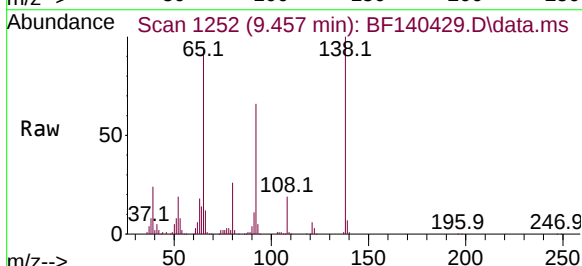
Tgt Ion: 65 Resp: 209876

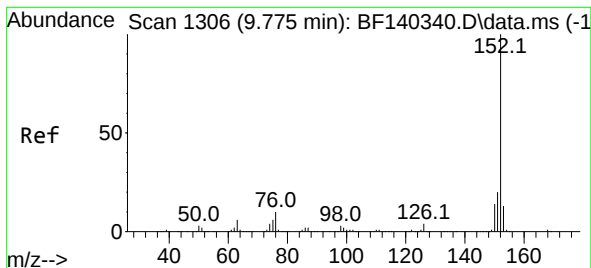
Ion Ratio Lower Upper

65 100

92 70.7 56.4 84.6

138 107.2 84.8 127.2





#49

Acenaphthylene

Concen: 50.008 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140429.D

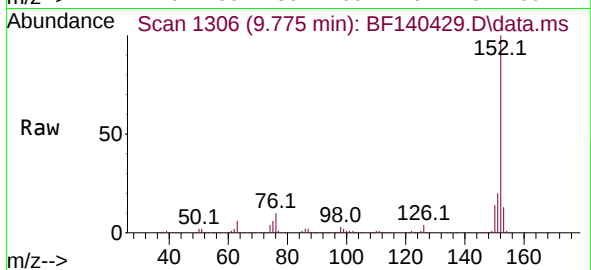
Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

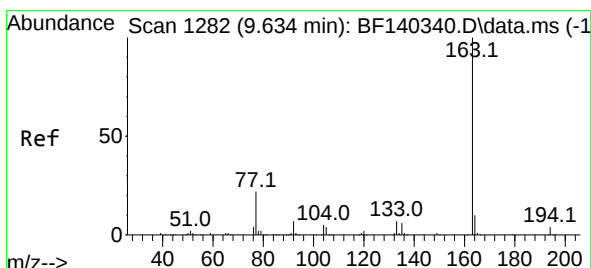
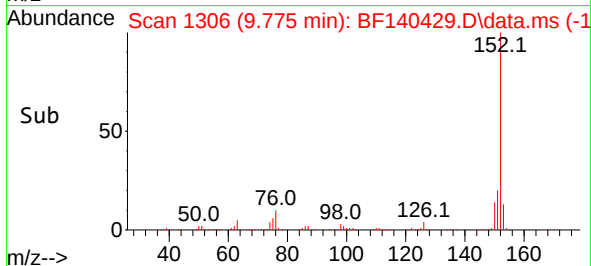
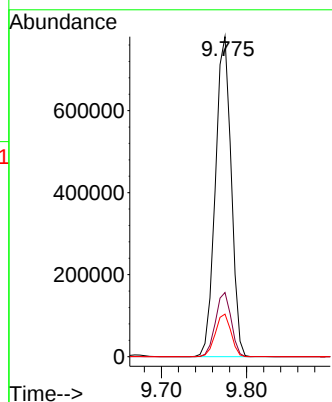
ClientSampleId :

MH-731MSD



Tgt Ion:152 Resp: 1004158

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.3	10.7	16.1



#50

Dimethylphthalate

Concen: 47.086 ng

RT: 9.628 min Scan# 1281

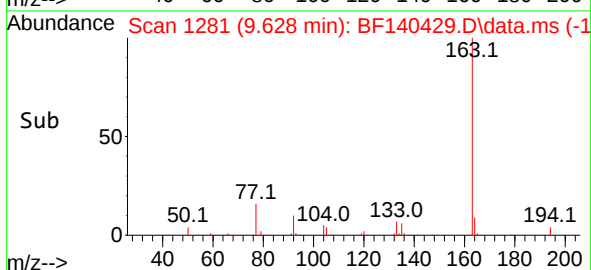
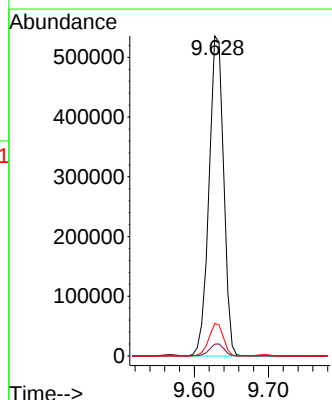
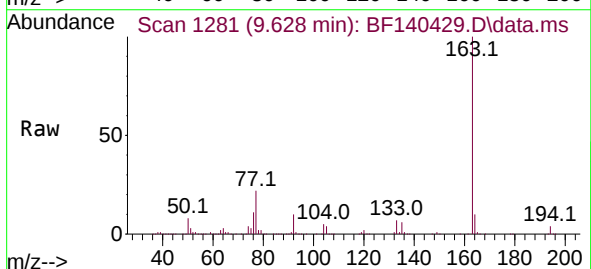
Delta R.T. -0.006 min

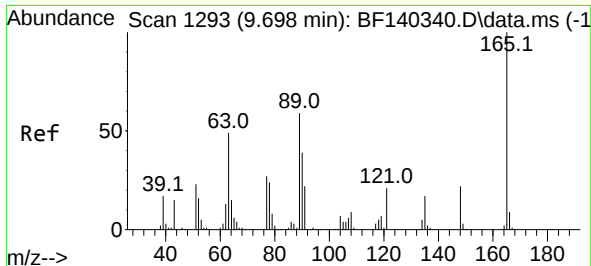
Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Tgt Ion:163 Resp: 734995

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.1	8.2	12.4

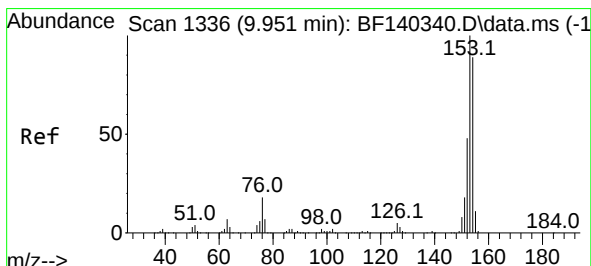
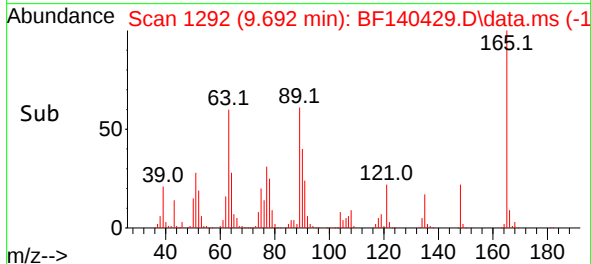
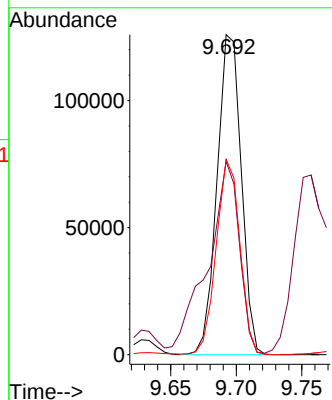
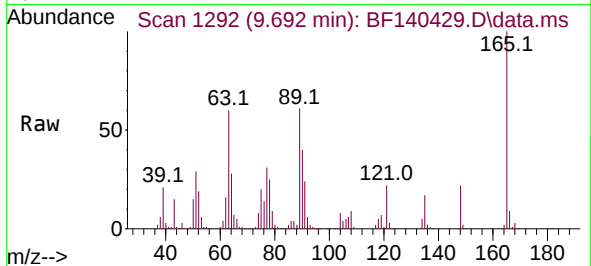




#51
2,6-Dinitrotoluene
Concen: 45.458 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

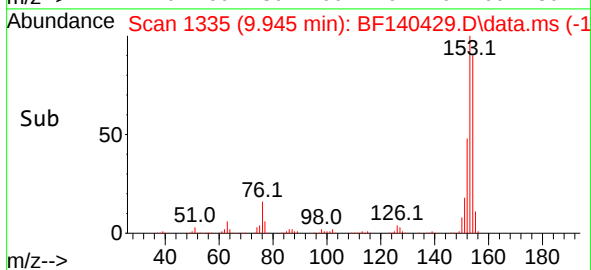
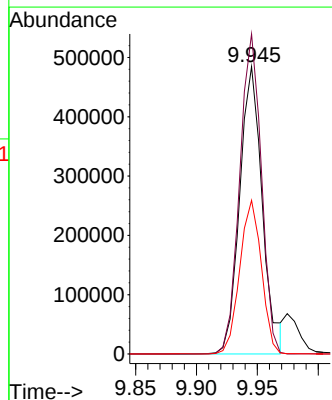
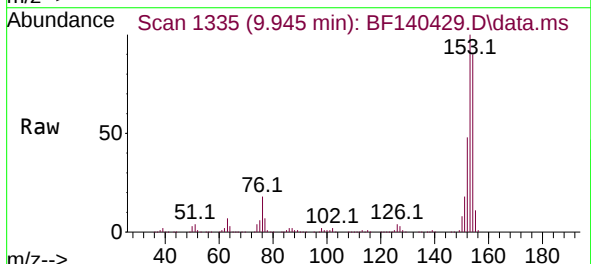
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

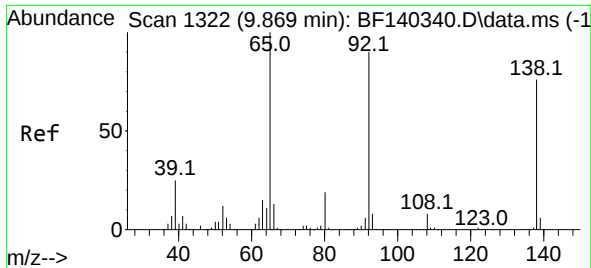
Tgt Ion:165 Resp: 161768
Ion Ratio Lower Upper
165 100
63 60.4 47.6 71.4
89 61.1 48.1 72.1



#52
Acenaphthene
Concen: 46.161 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:154 Resp: 626054
Ion Ratio Lower Upper
154 100
153 111.3 89.8 134.8
152 53.4 42.6 64.0

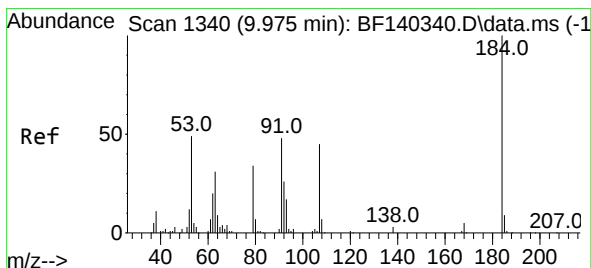
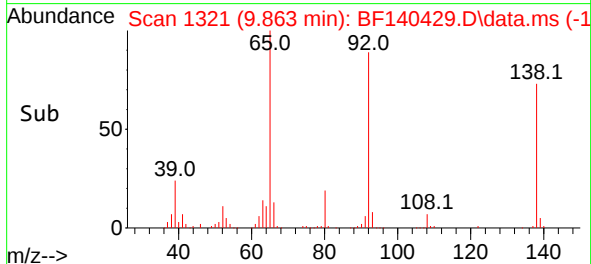
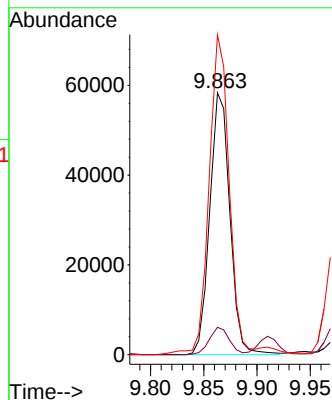
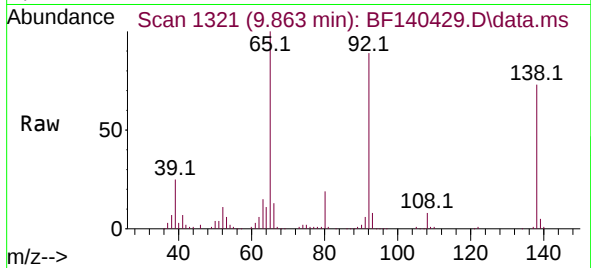




#53
3-Nitroaniline
Concen: 20.541 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

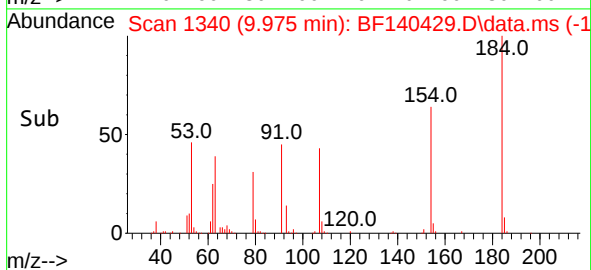
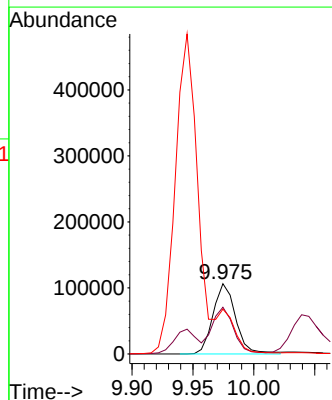
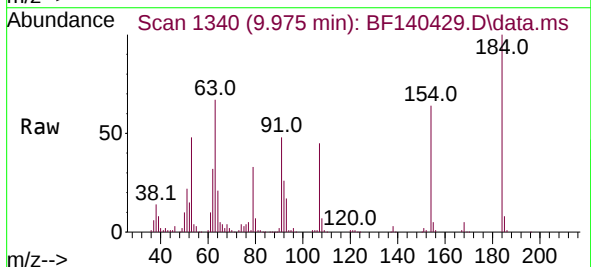
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

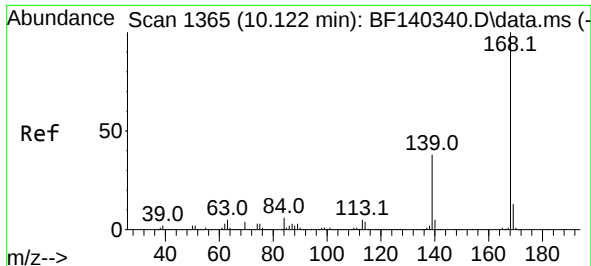
Tgt Ion:138 Resp: 76766
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 122.2 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 75.285 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:184 Resp: 138157
Ion Ratio Lower Upper
184 100
63 66.6 53.5 80.3
154 63.8 51.3 76.9

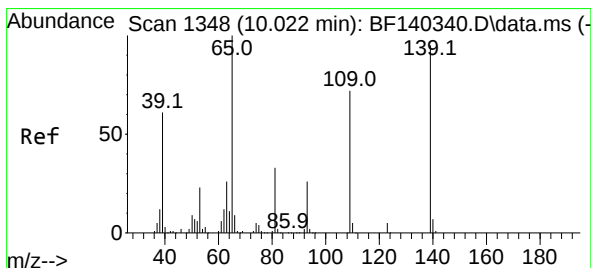
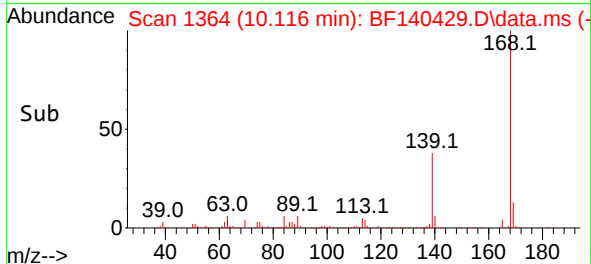
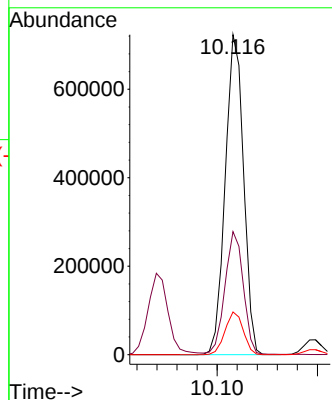
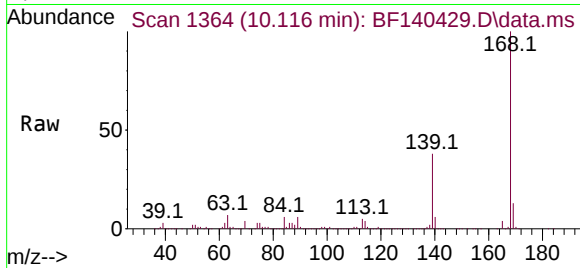




#55
Dibenzenofuran
Concen: 47.682 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

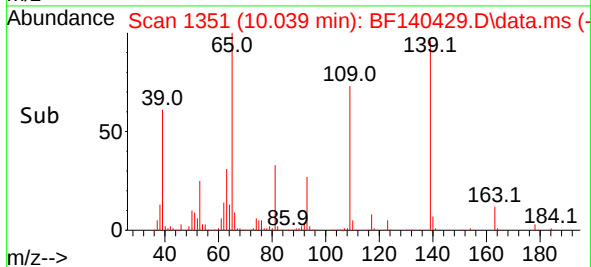
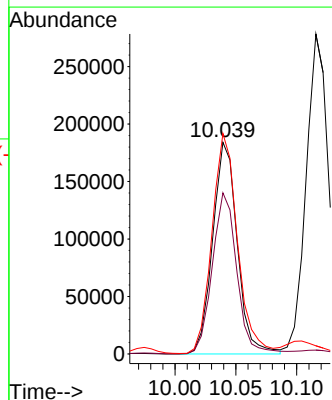
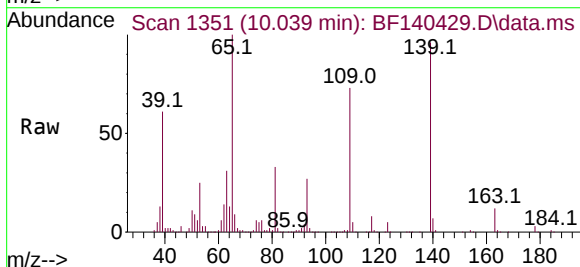
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

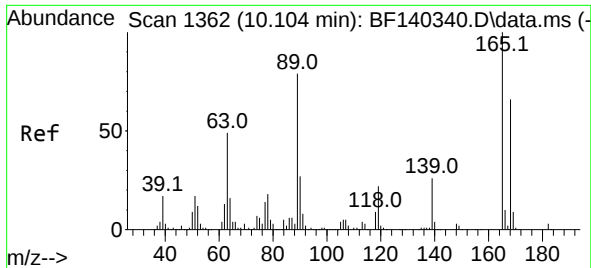
Tgt Ion:168 Resp: 915475
Ion Ratio Lower Upper
168 100
139 38.5 30.8 46.2
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 94.796 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:139 Resp: 258413
Ion Ratio Lower Upper
139 100
109 76.1 54.5 94.5
65 104.2 84.4 124.4

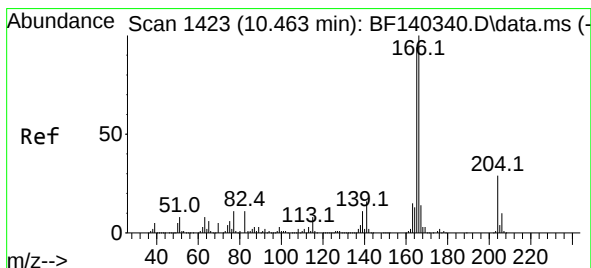
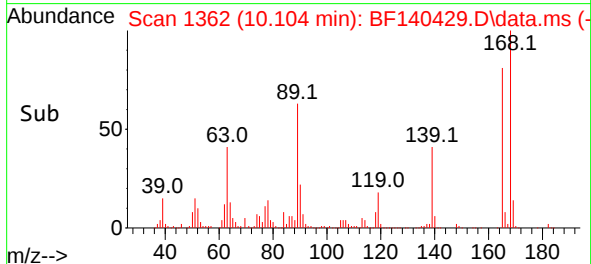
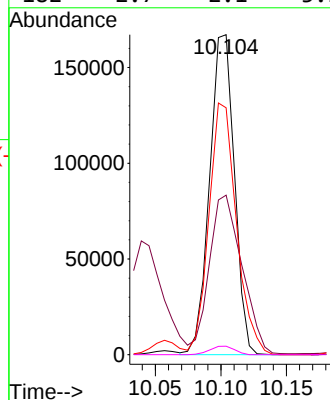
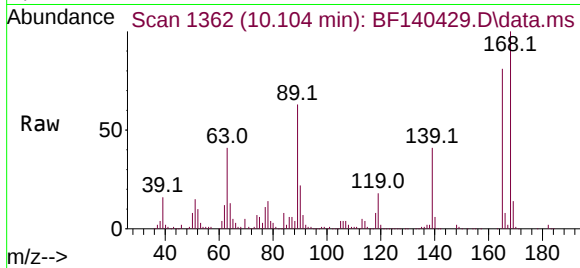




#57
2,4-Dinitrotoluene
Concen: 46.937 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

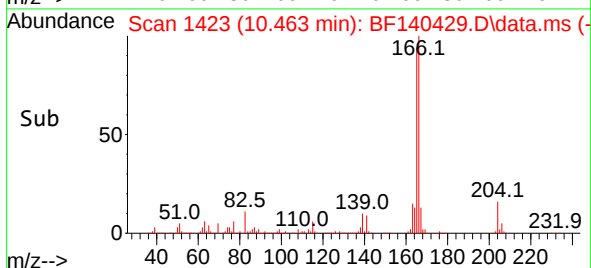
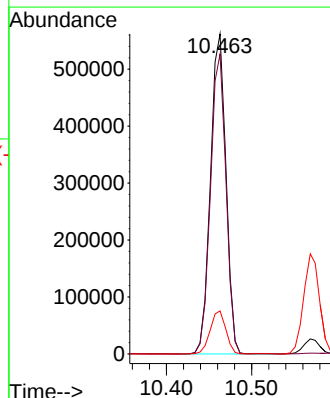
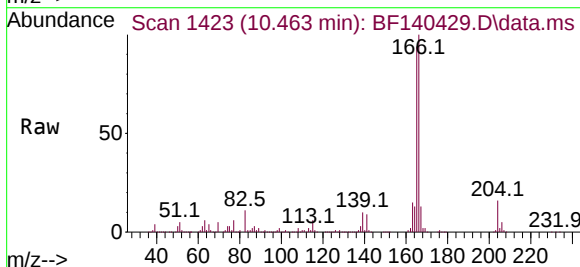
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

Tgt Ion:	165	Resp:	219833
Ion	Ratio	Lower	Upper
165	100		
63	49.9	39.4	59.0
89	77.2	62.4	93.6
182	2.7	2.1	3.1



#58
Fluorene
Concen: 46.761 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:	166	Resp:	709227
Ion	Ratio	Lower	Upper
166	100		
165	93.7	73.9	110.9
167	13.4	10.9	16.3



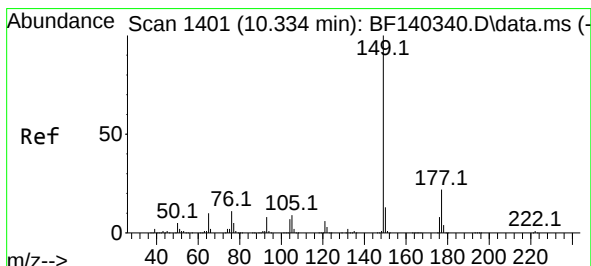
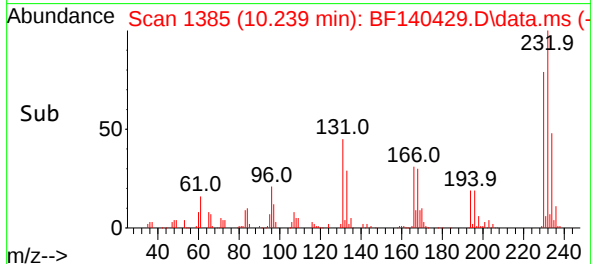
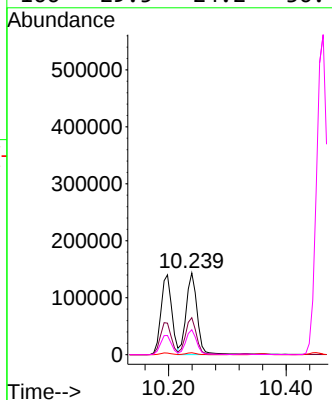
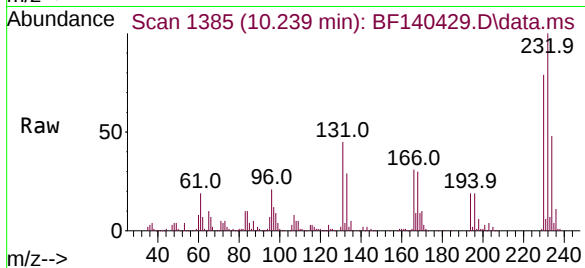


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.698 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Instrument :
BNA_F
ClientSampleId :
MH-731MSD

Tgt Ion:232 Resp: 186461

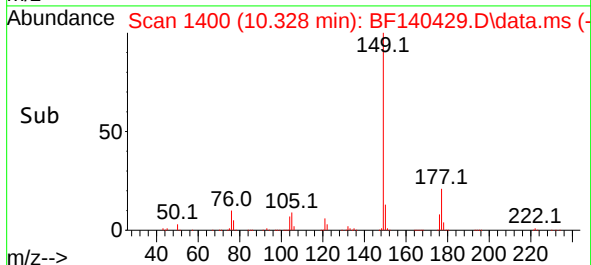
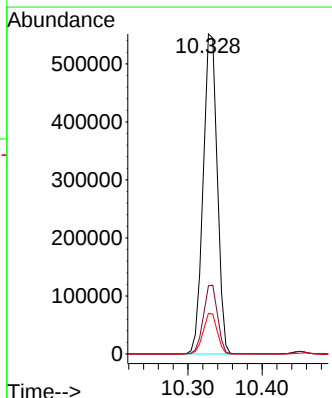
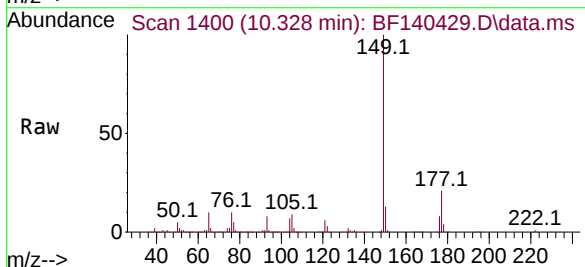
Ion	Ratio	Lower	Upper
232	100		
131	44.0	36.8	55.2
130	2.2	1.9	2.9
166	29.5	24.2	36.4

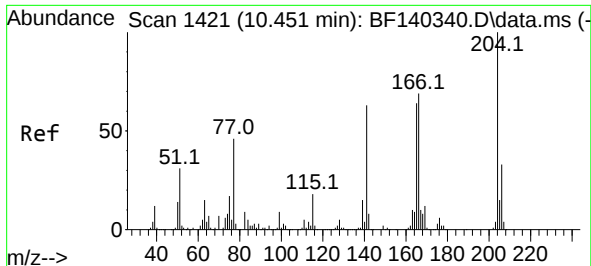


#60
Diethylphthalate
Concen: 45.714 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:149 Resp: 729679

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.5	26.3
150	12.7	10.1	15.1

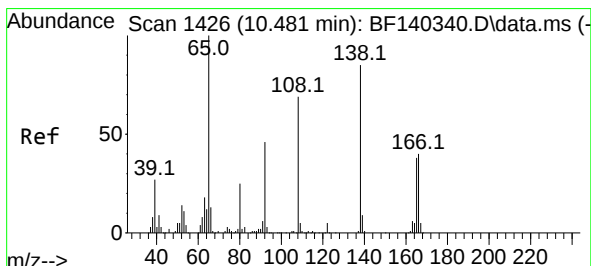
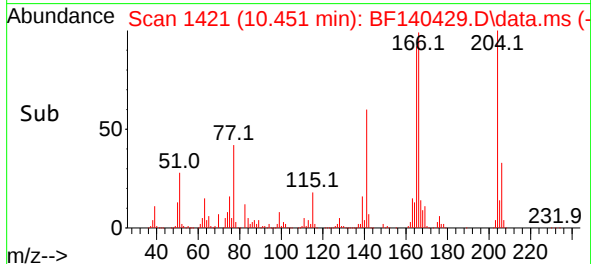
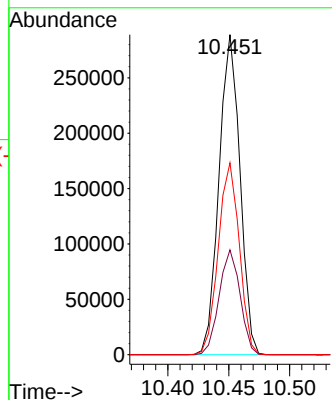
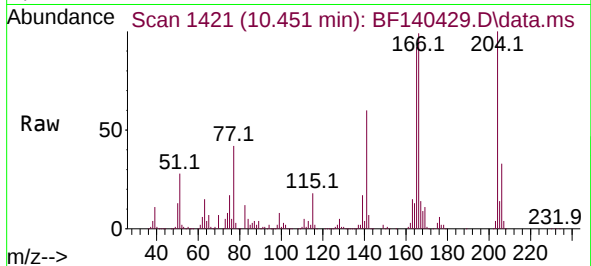




#61
4-Chlorophenyl-phenylether
Concen: 46.262 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

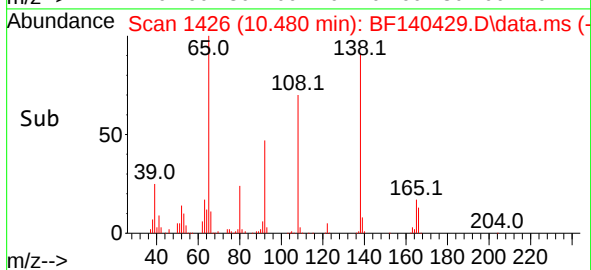
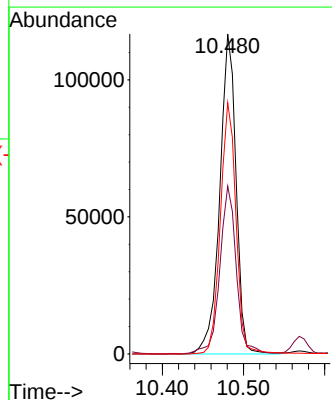
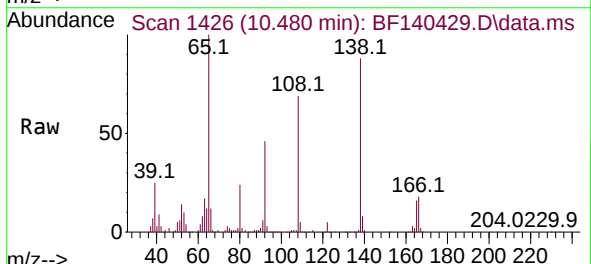
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

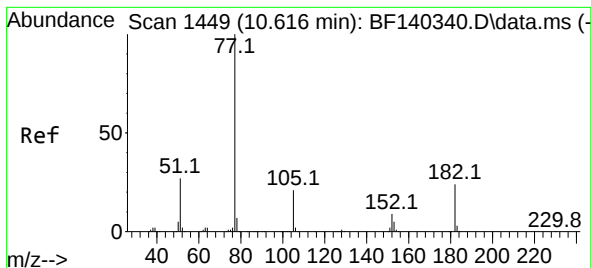
Tgt Ion:204 Resp: 346409
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 60.0 49.8 74.8



#62
4-Nitroaniline
Concen: 42.752 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:138 Resp: 163367
Ion Ratio Lower Upper
138 100
92 52.4 33.8 73.8
108 78.5 59.9 99.9





#63

Azobenzene

Concen: 51.593 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

Tgt Ion: 77 Resp: 813686

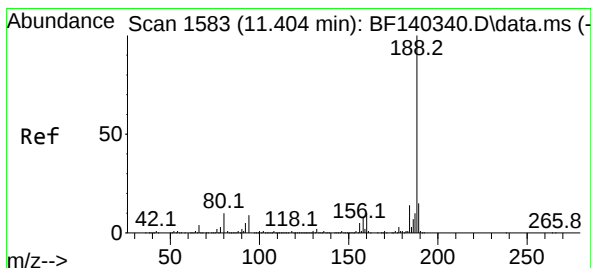
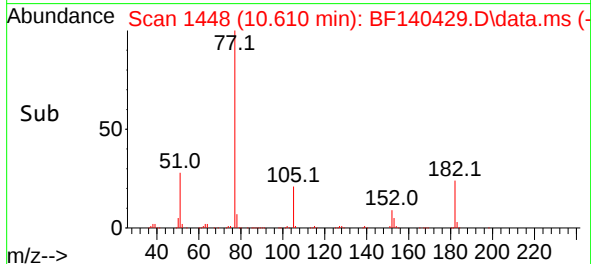
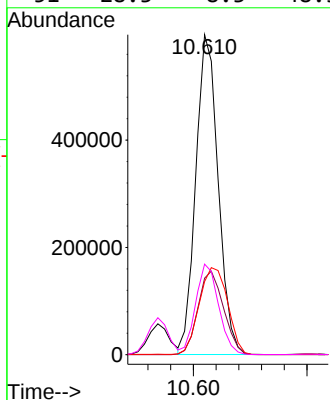
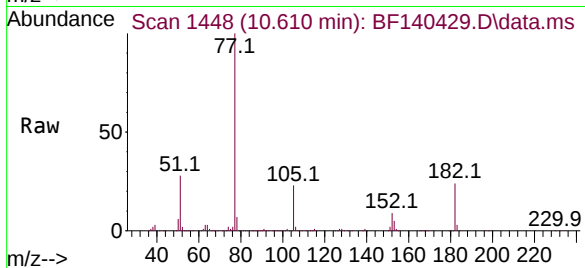
Ion Ratio Lower Upper

77 100

182 23.9 4.6 44.6

105 22.9 0.9 40.9

51 28.3 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

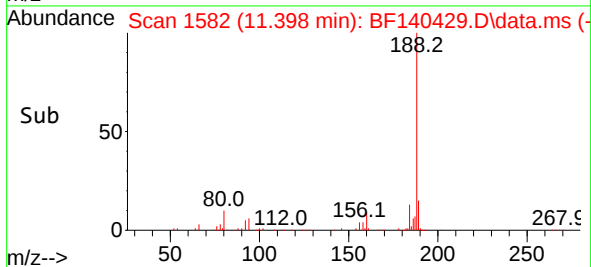
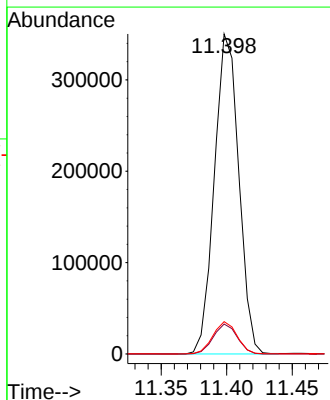
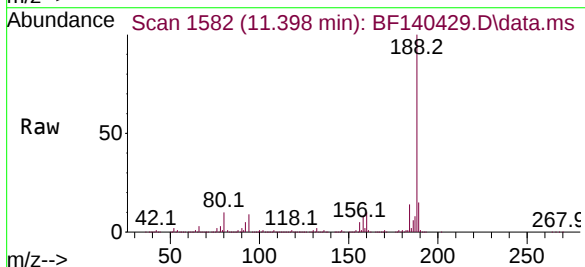
Tgt Ion: 188 Resp: 452802

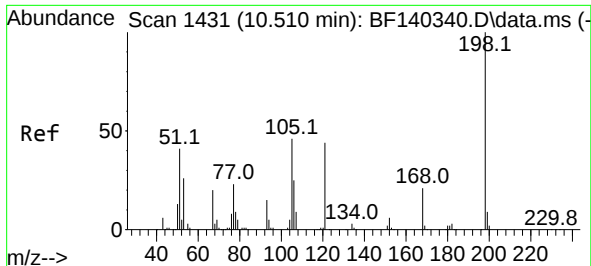
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.1 8.0 12.0

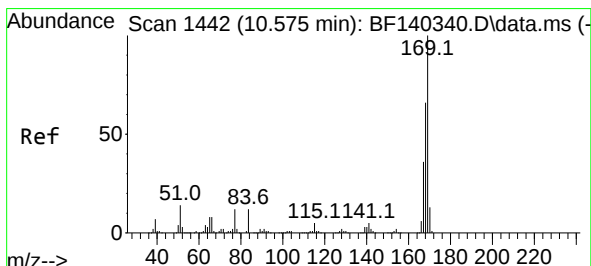
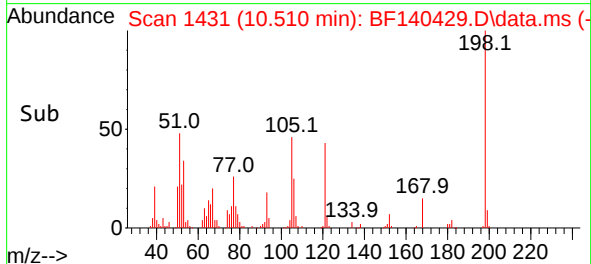
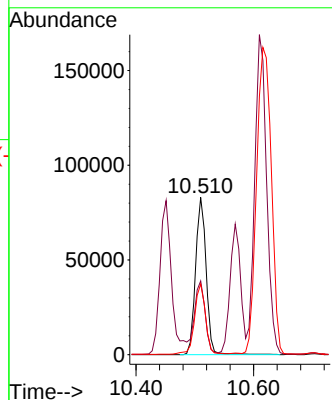
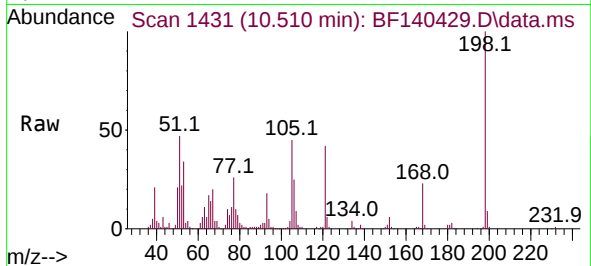




#65
4,6-Dinitro-2-methylphenol
Concen: 42.696 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

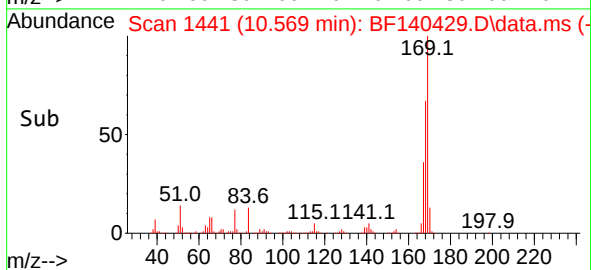
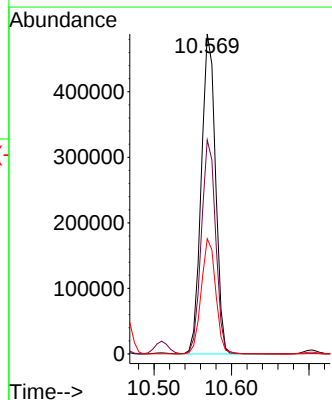
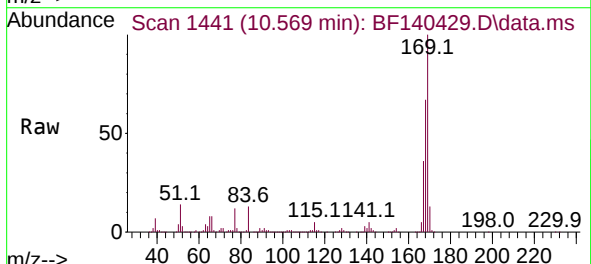
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

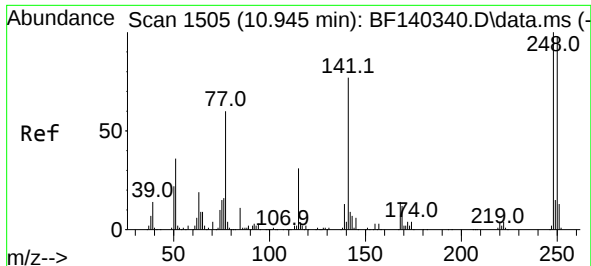
Tgt Ion:198 Resp: 104015
Ion Ratio Lower Upper
198 100
51 46.9 29.7 69.7
105 45.0 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 47.470 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:169 Resp: 621050
Ion Ratio Lower Upper
169 100
168 66.9 52.7 79.1
167 36.0 29.3 43.9

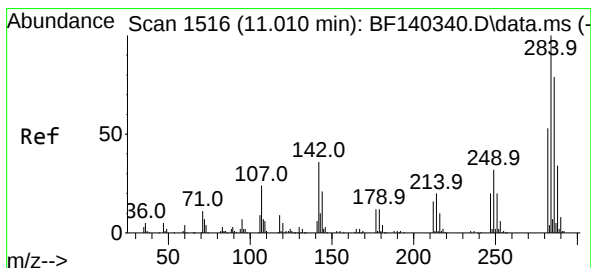
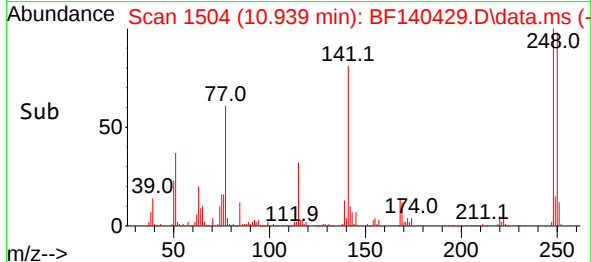
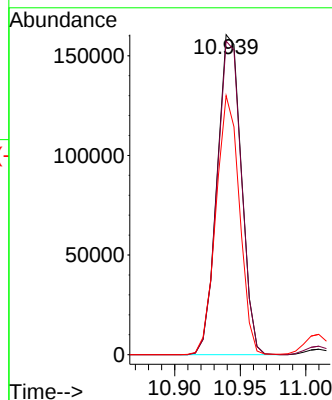
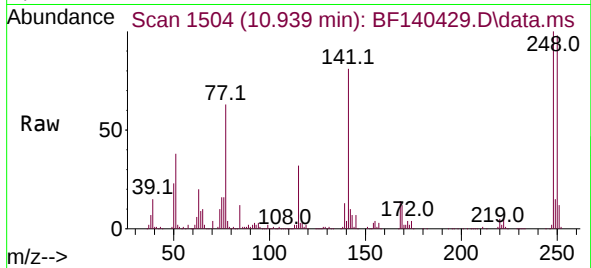




#67
4-Bromophenyl-phenylether
Concen: 45.681 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

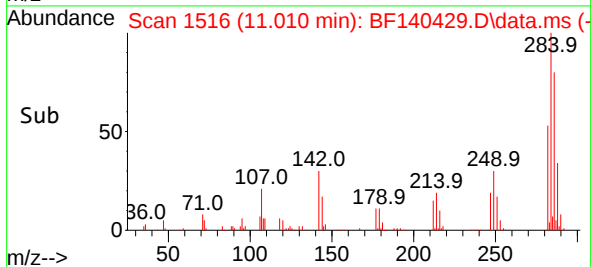
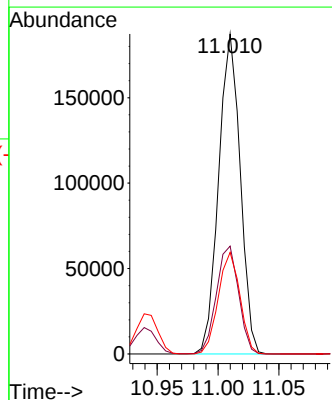
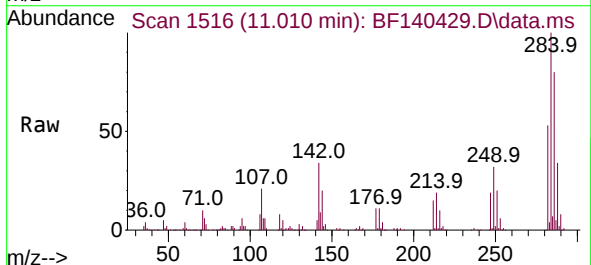
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

Tgt Ion:248 Resp: 206763
Ion Ratio Lower Upper
248 100
250 98.0 77.9 116.9
141 80.9 61.8 92.6



#68
Hexachlorobenzene
Concen: 45.361 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:284 Resp: 231007
Ion Ratio Lower Upper
284 100
142 33.7 28.1 42.1
249 31.7 24.9 37.3





#69

Atrazine

Concen: 51.179 ng

RT: 11.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

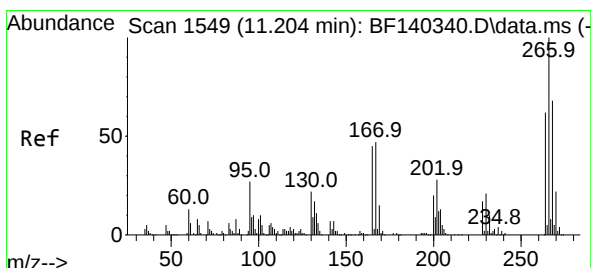
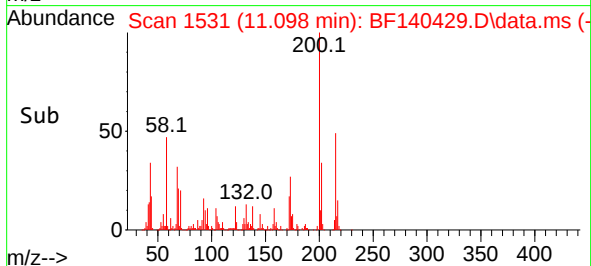
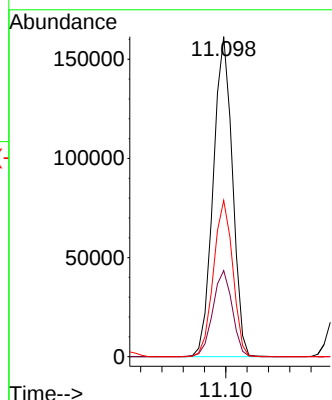
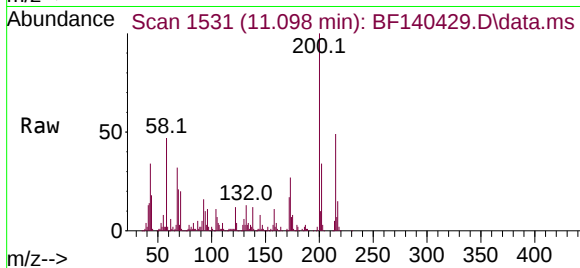
Tgt Ion:200 Resp: 202575

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

215 48.9 27.2 67.2



#70

Pentachlorophenol

Concen: 85.000 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

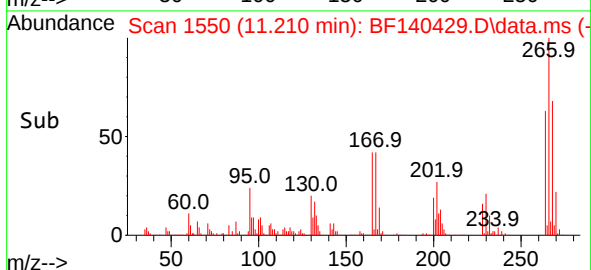
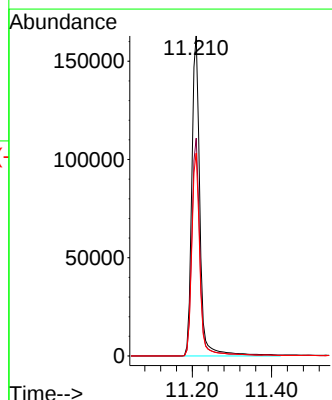
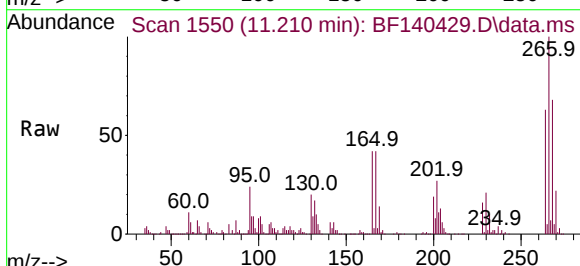
Tgt Ion:266 Resp: 233178

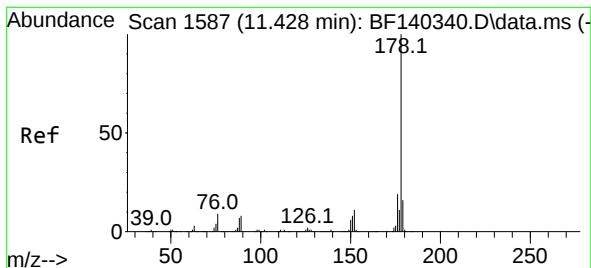
Ion Ratio Lower Upper

266 100

268 68.1 52.9 79.3

264 63.4 50.3 75.5





#71

Phenanthrene

Concen: 47.174 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

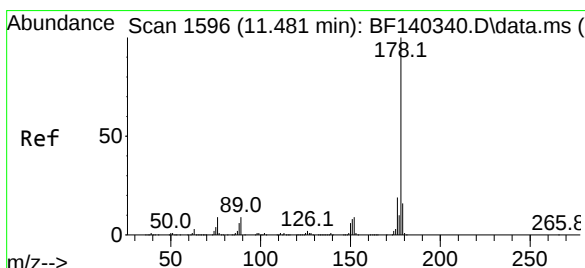
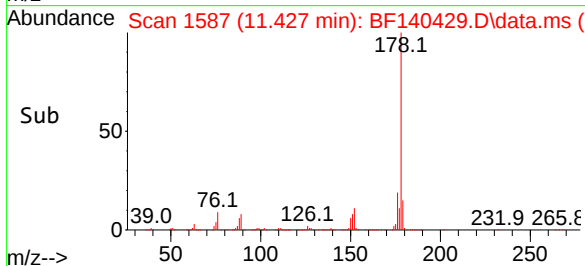
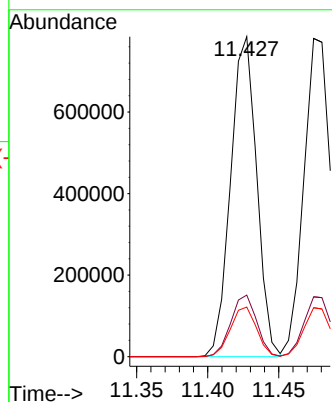
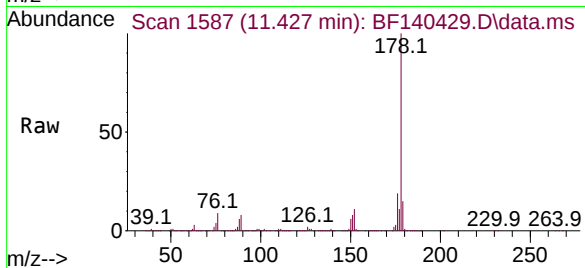
Tgt Ion:178 Resp: 1003428

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.5 12.4 18.6



#72

Anthracene

Concen: 49.012 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

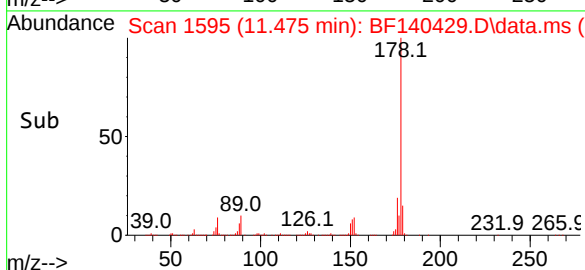
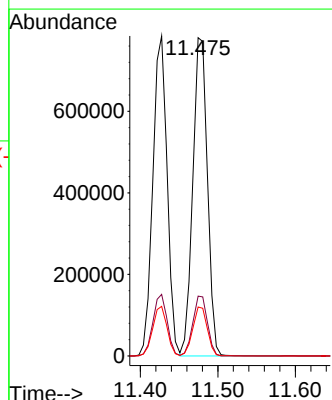
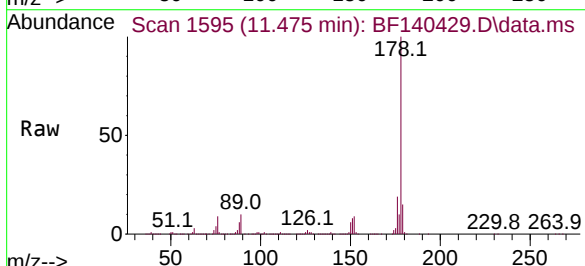
Tgt Ion:178 Resp: 1021736

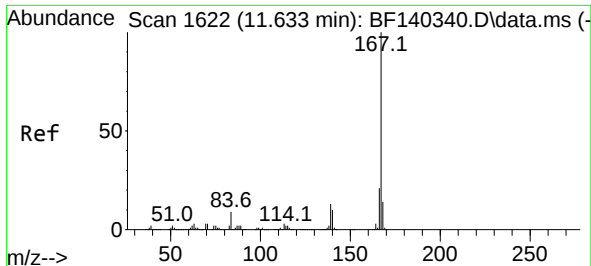
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 15.4 12.6 18.8

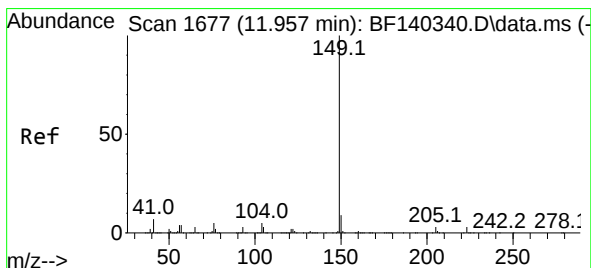
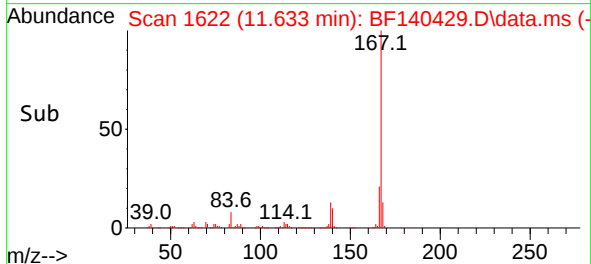
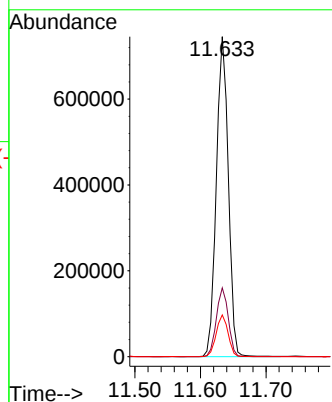
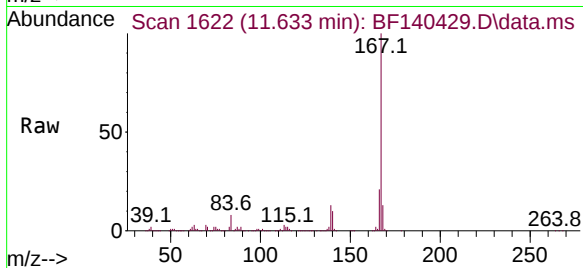




#73
 Carbazole
 Concen: 45.799 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF140429.D
 Acq: 16 Nov 2024 14:57

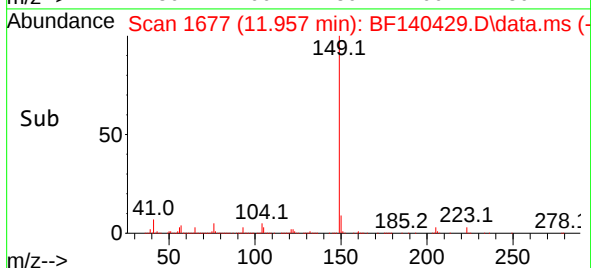
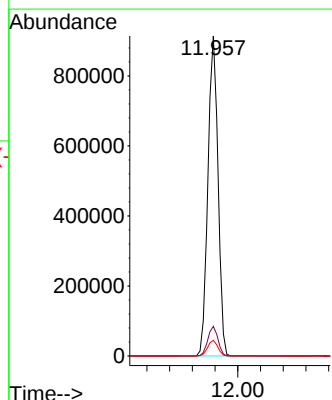
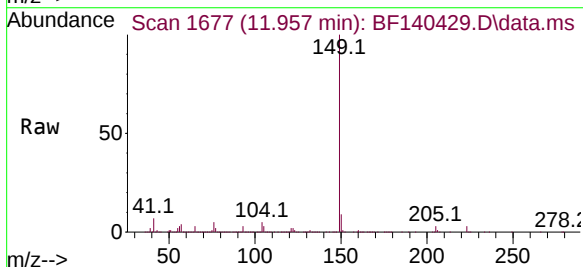
Instrument :
 BNA_F
 ClientSampleId :
 MH-731MSD

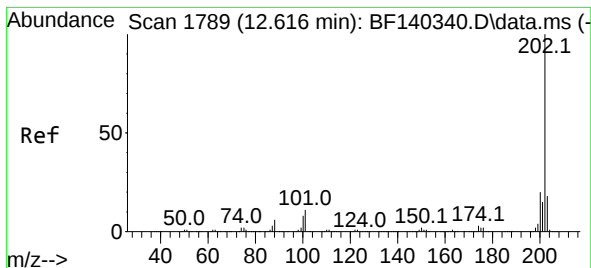
Tgt Ion:167 Resp: 942721
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.1 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 45.389 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF140429.D
 Acq: 16 Nov 2024 14:57

Tgt Ion:149 Resp: 1121350
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.9 4.0 6.0

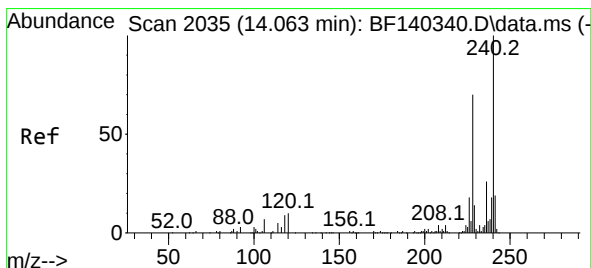
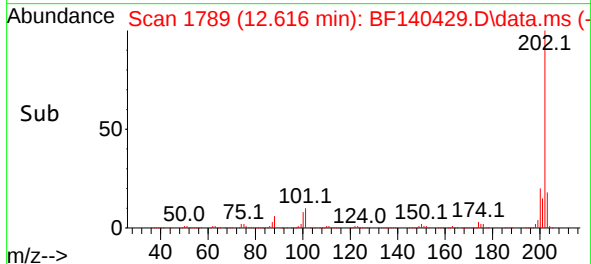
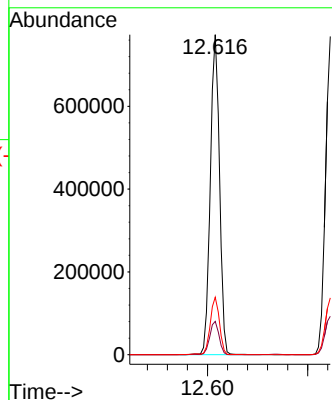
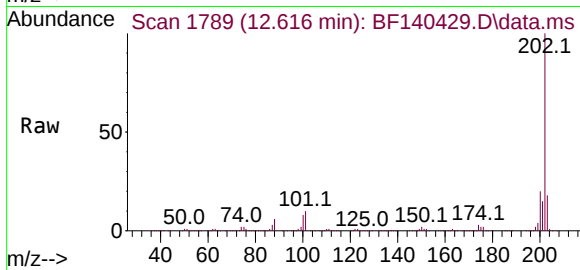




#75
Fluoranthene
Concen: 41.283 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

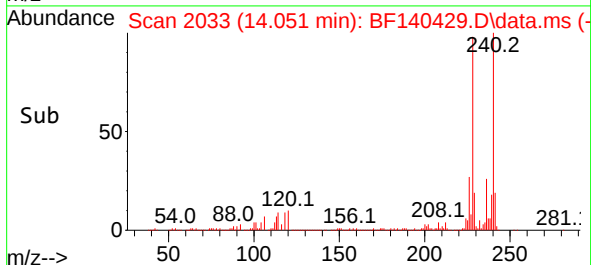
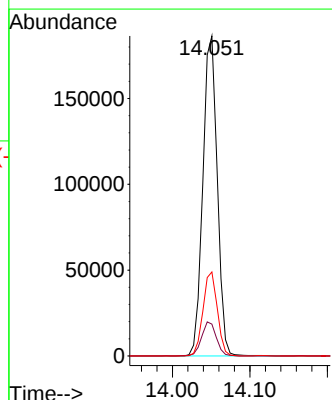
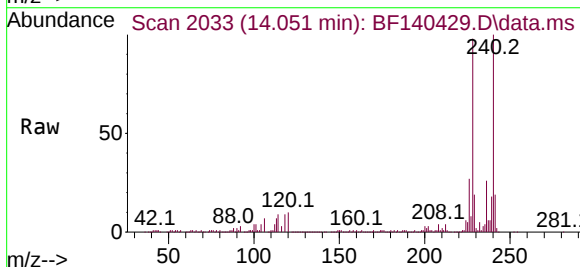
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

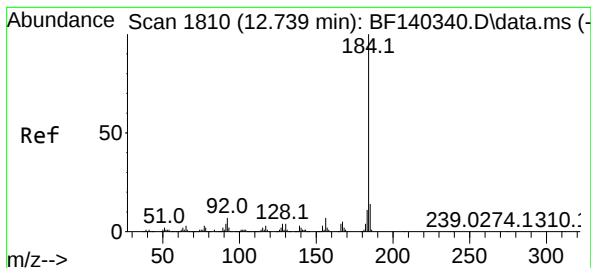
Tgt Ion:202 Resp: 985173
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:240 Resp: 240606
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 26.3 20.9 31.3





#77

Benzidine

Concen: 21.950 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

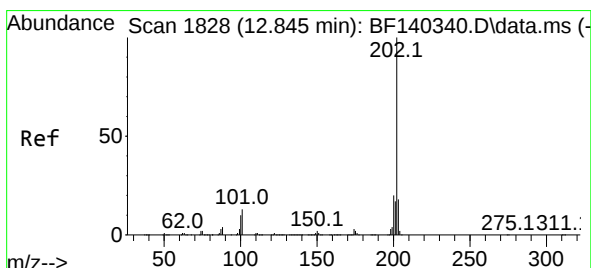
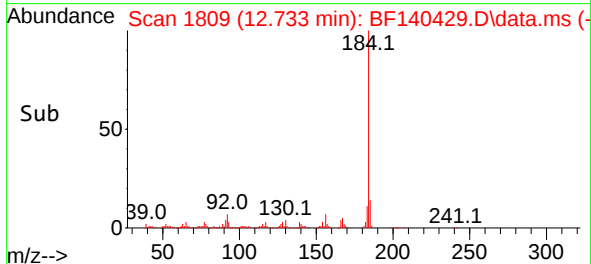
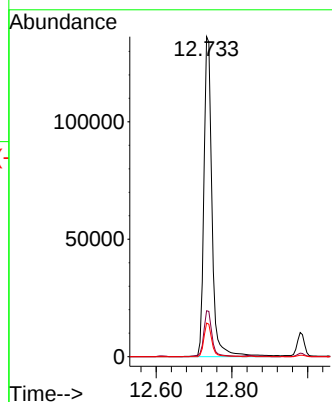
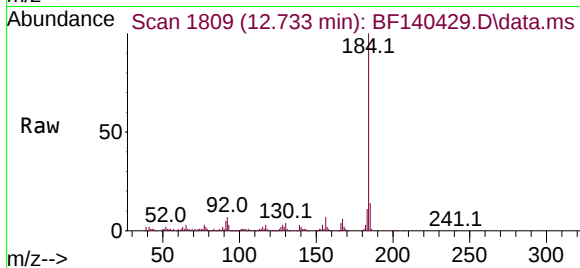
Tgt Ion:184 Resp: 202704

Ion Ratio Lower Upper

184 100

185 14.3 11.9 17.9

183 10.5 8.6 13.0



#78

Pyrene

Concen: 47.775 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.000 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

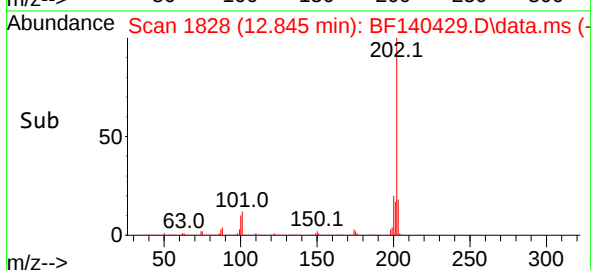
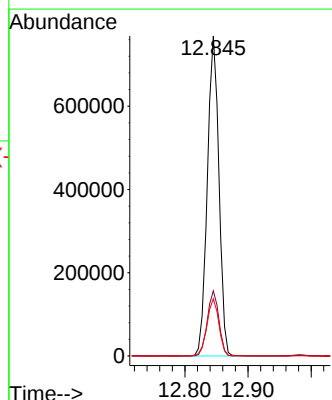
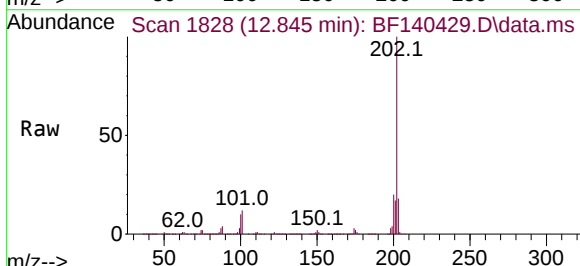
Tgt Ion:202 Resp: 983245

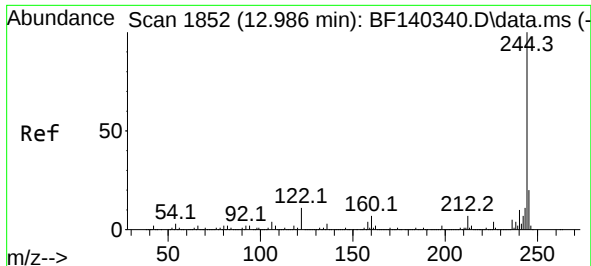
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 17.8 14.2 21.4

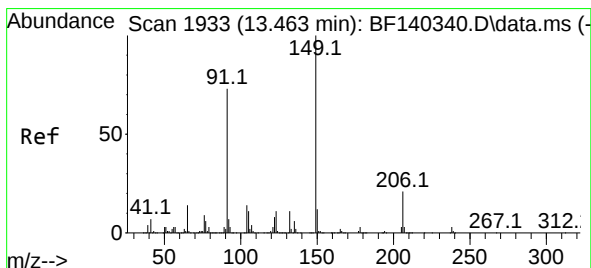
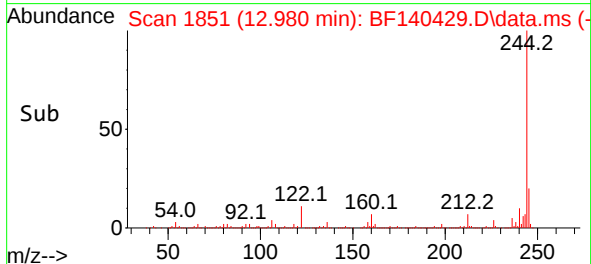
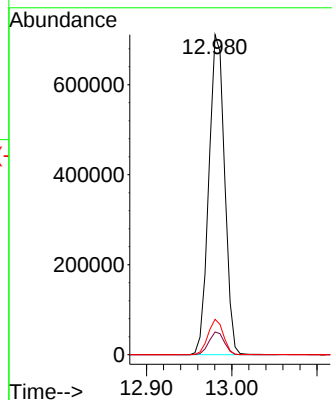
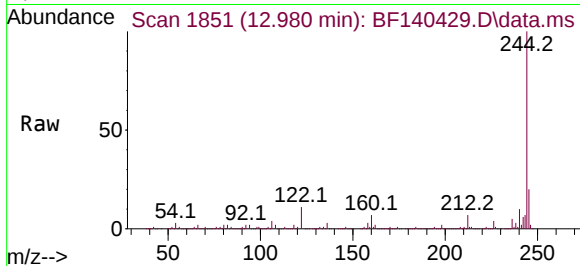




#79
 Terphenyl-d14
 Concen: 65.914 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF140429.D
 Acq: 16 Nov 2024 14:57

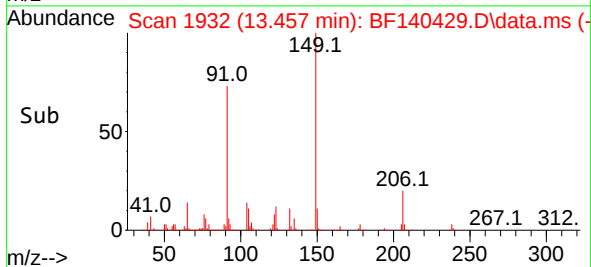
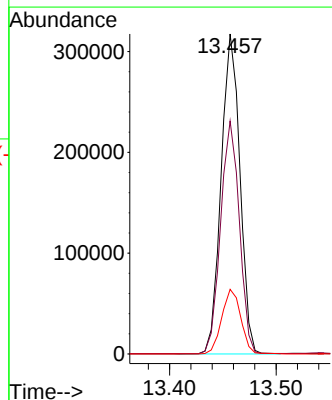
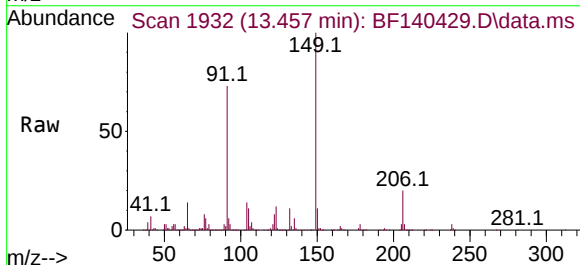
Instrument :
 BNA_F
 ClientSampleId :
 MH-731MSD

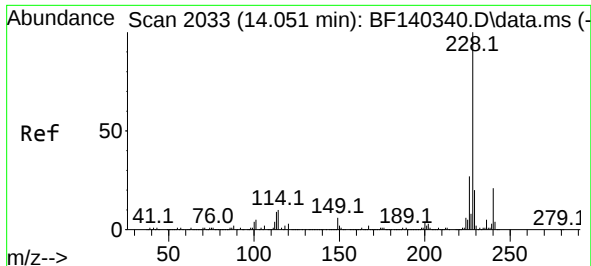
Tgt Ion:244 Resp: 913667
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 49.086 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF140429.D
 Acq: 16 Nov 2024 14:57

Tgt Ion:149 Resp: 388077
 Ion Ratio Lower Upper
 149 100
 91 72.8 61.0 91.4
 206 20.2 16.1 24.1

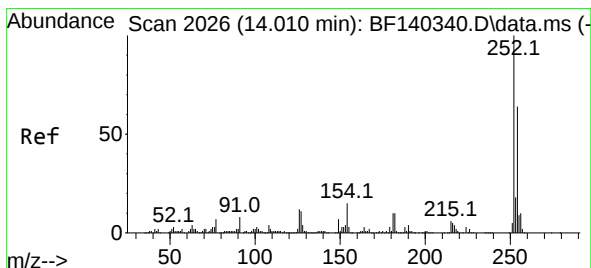
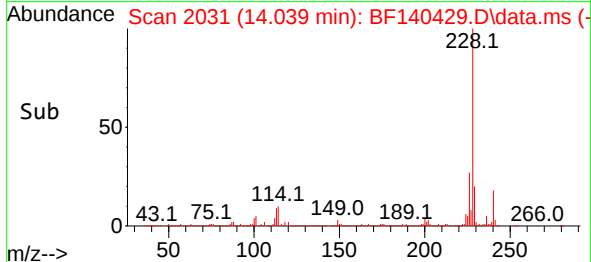
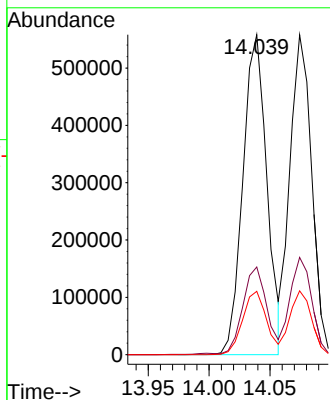
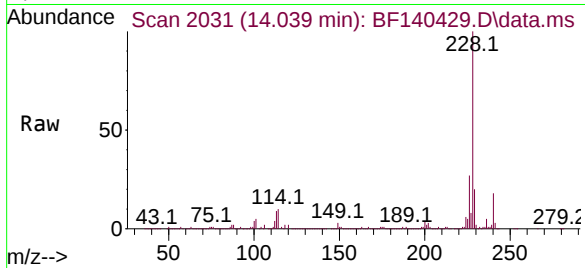




#81
Benzo(a)anthracene
Concen: 48.355 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

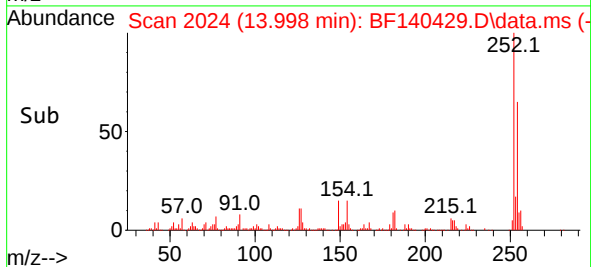
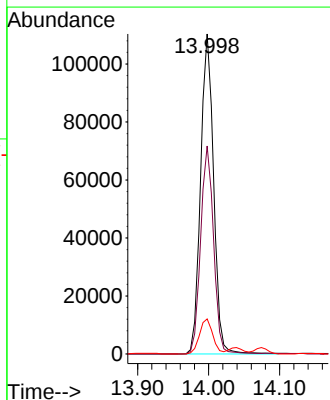
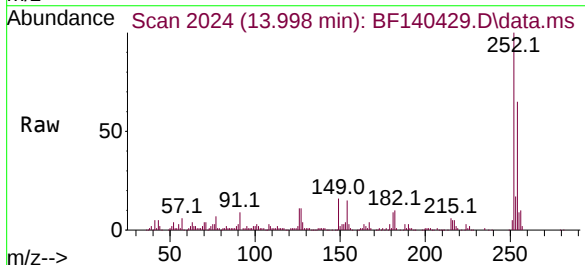
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

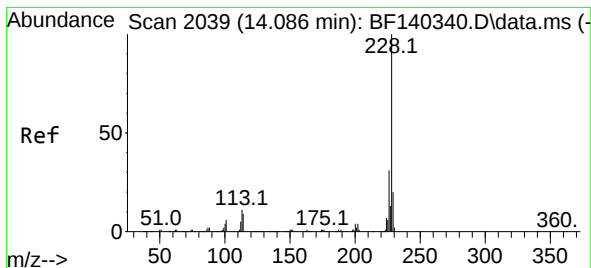
Tgt Ion:228 Resp: 764644
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 28.060 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:252 Resp: 141034
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.2
126 11.0 9.4 14.0





#83

Chrysene

Concen: 48.086 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

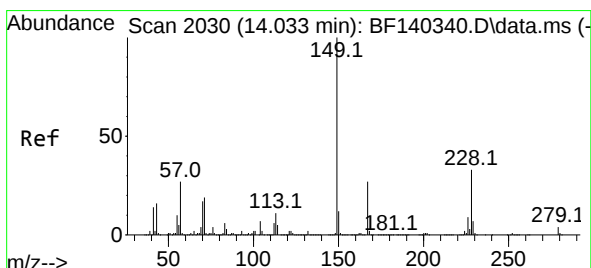
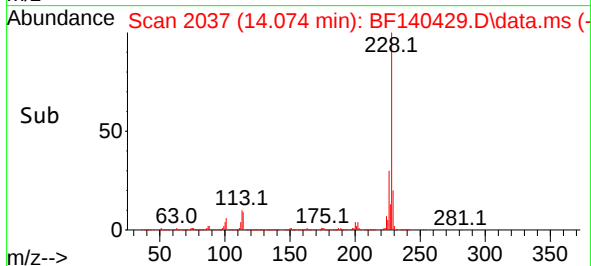
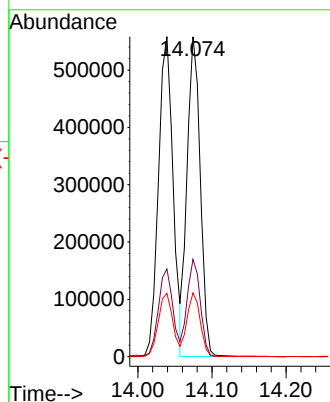
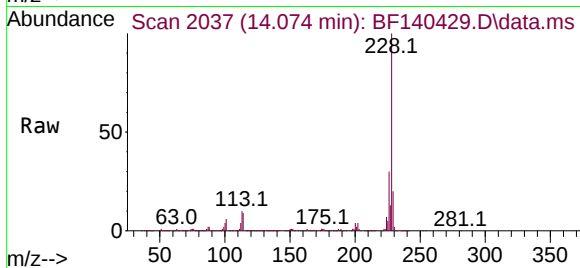
Tgt Ion:228 Resp: 693800

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.133 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

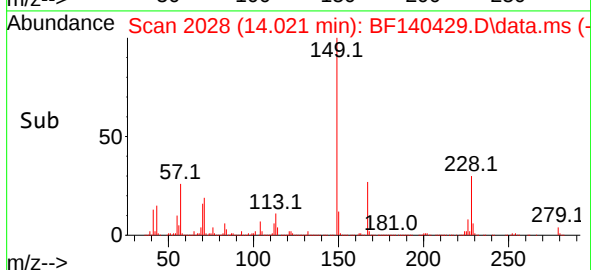
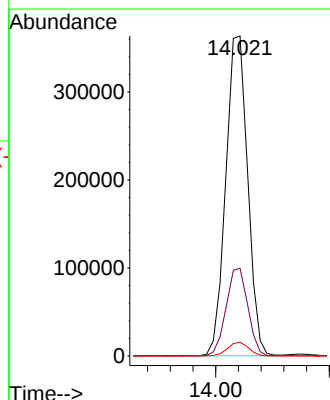
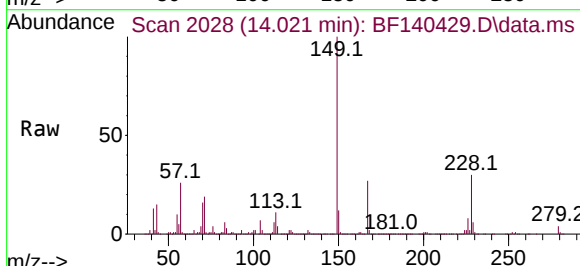
Tgt Ion:149 Resp: 486837

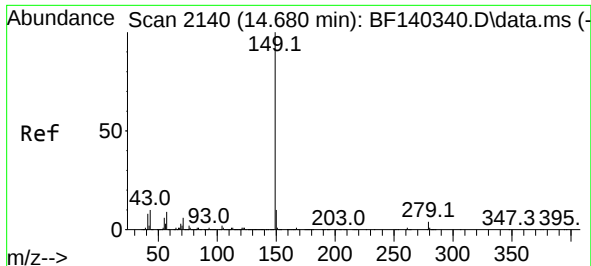
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.3 3.0 4.6

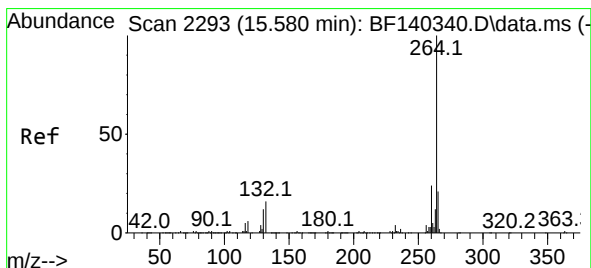
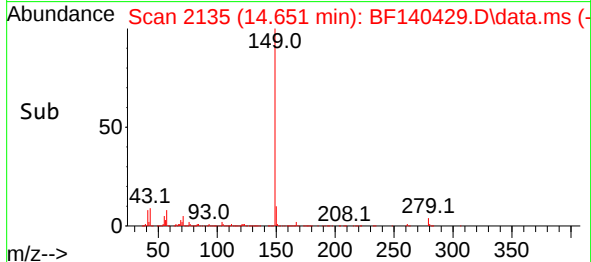
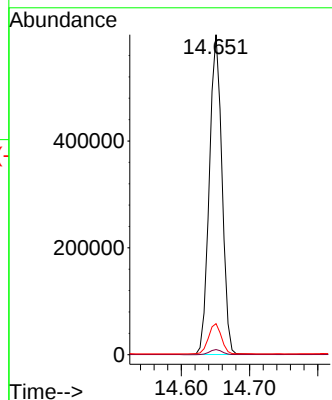
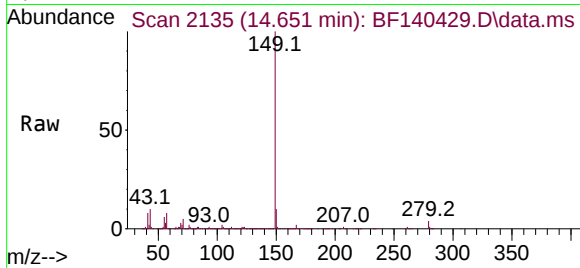




#85
Di-n-octyl phthalate
Concen: 51.862 ng
RT: 14.651 min Scan# 2140
Delta R.T. -0.012 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

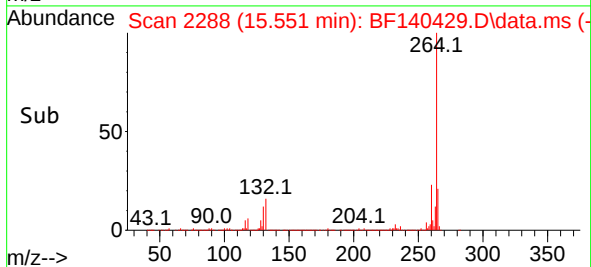
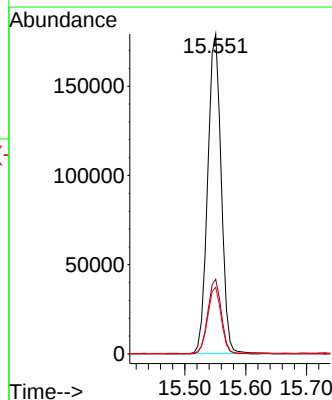
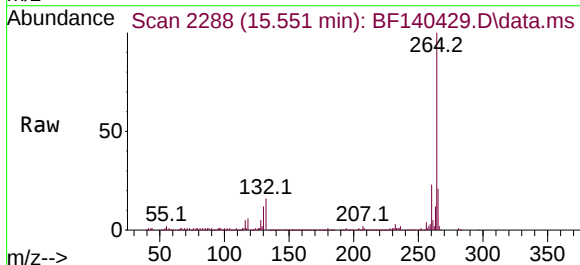
Instrument :
BNA_F
ClientSampleId :
MH-731MSD

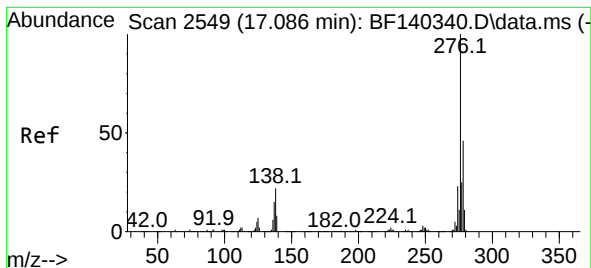
Tgt Ion:149 Resp: 770808
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF140429.D
Acq: 16 Nov 2024 14:57

Tgt Ion:264 Resp: 275686
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 20.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.291 ng

RT: 17.057 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

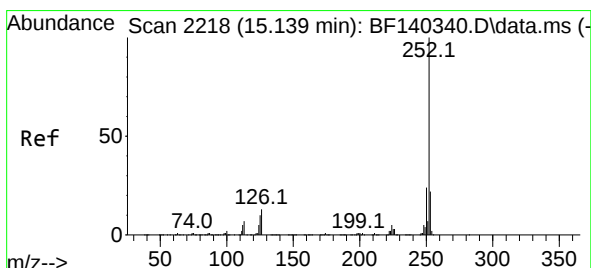
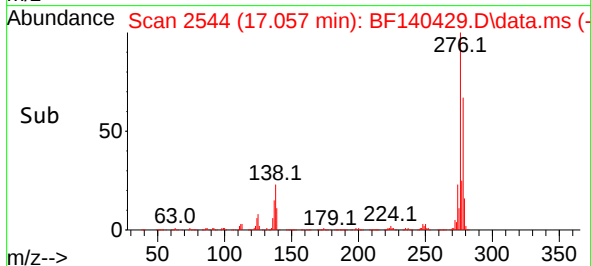
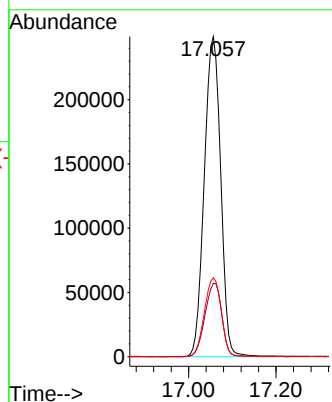
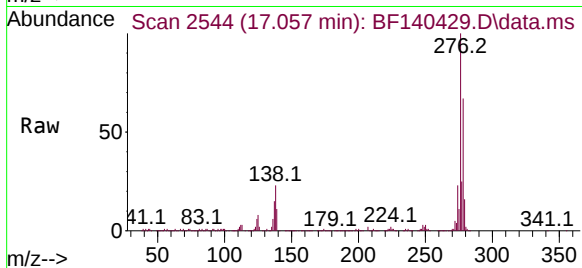
Tgt Ion:276 Resp: 652086

Ion Ratio Lower Upper

276 100

138 23.8 18.8 28.2

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.432 ng

RT: 15.115 min Scan# 2214

Delta R.T. -0.000 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

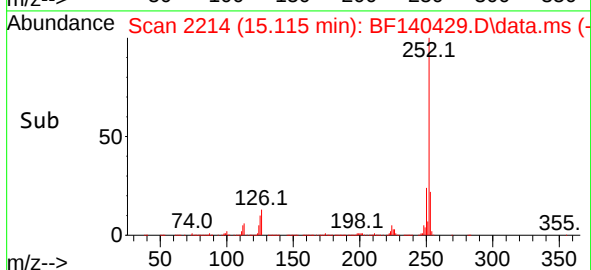
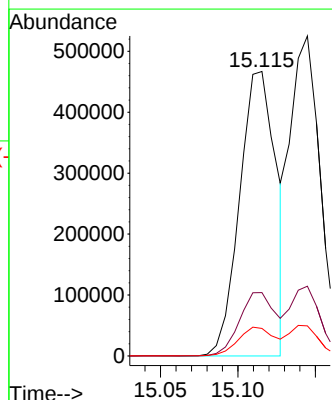
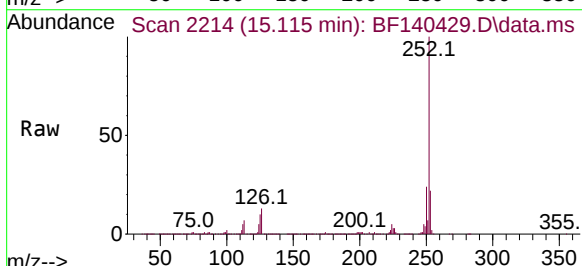
Tgt Ion:252 Resp: 765228

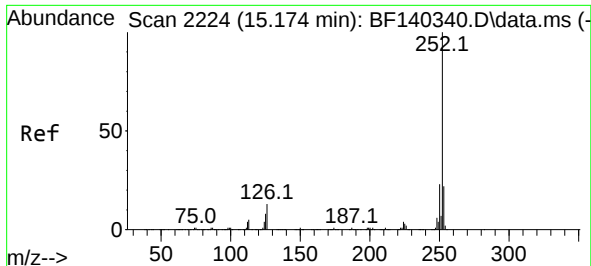
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 47.818 ng

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

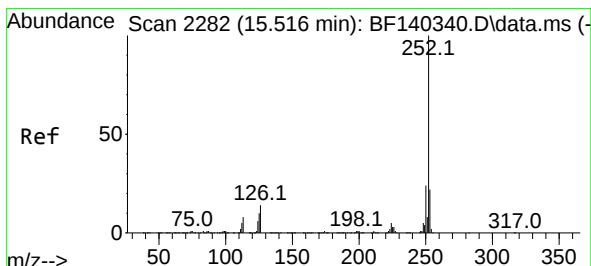
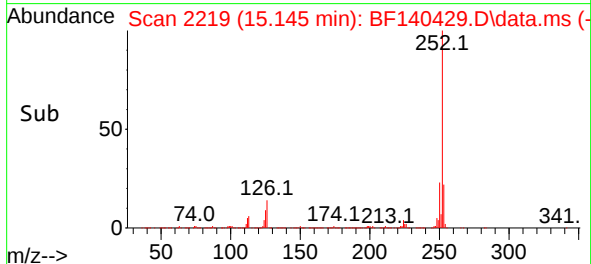
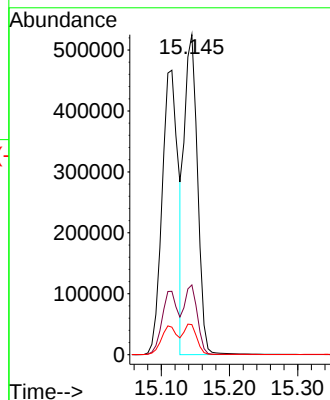
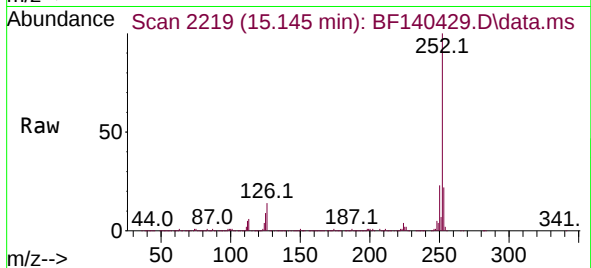
Tgt Ion:252 Resp: 704475

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 50.221 ng

RT: 15.486 min Scan# 2277

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

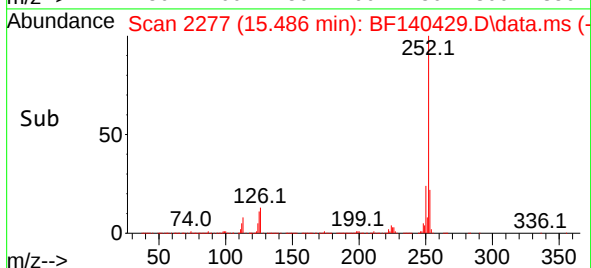
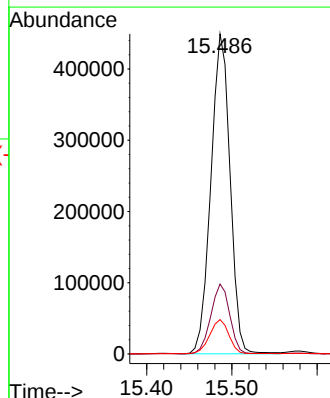
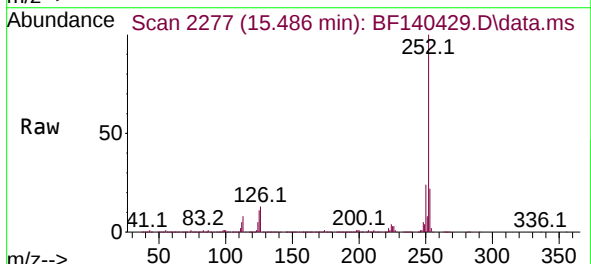
Tgt Ion:252 Resp: 703321

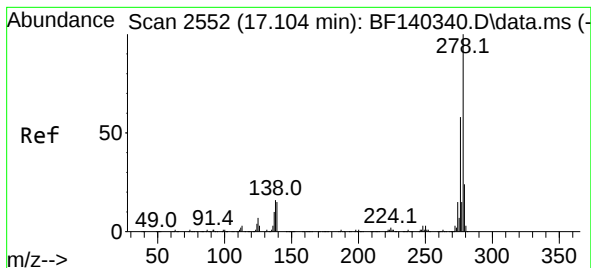
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.8 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 38.224 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Instrument :

BNA_F

ClientSampleId :

MH-731MSD

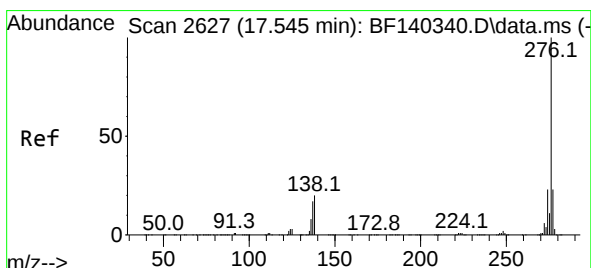
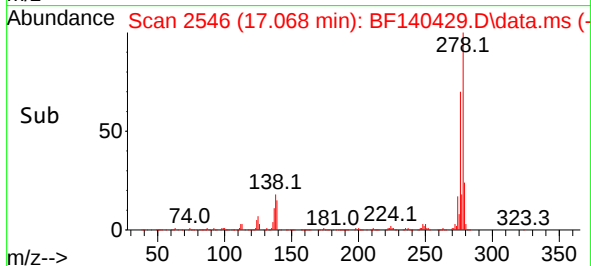
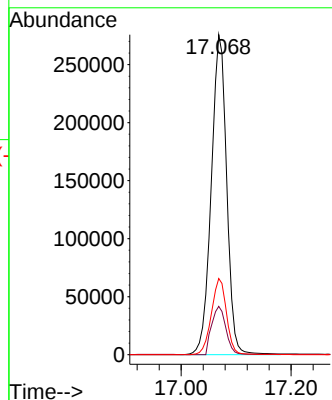
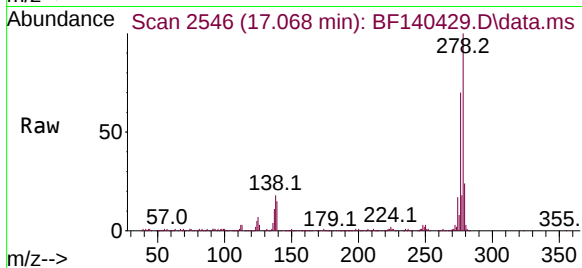
Tgt Ion:278 Resp: 538064

Ion Ratio Lower Upper

278 100

139 15.1 11.8 17.8

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 31.488 ng

RT: 17.509 min Scan# 2621

Delta R.T. -0.006 min

Lab File: BF140429.D

Acq: 16 Nov 2024 14:57

Tgt Ion:276 Resp: 453145

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 19.5 16.0 24.0

