

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140471.D
 Acq On : 19 Nov 2024 14:13
 Operator : RC/JU
 Sample : P4852-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

Quant Time: Nov 19 14:35:10 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	159273	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	604441	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	329881	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	587430	20.000	ng	0.00
76) Chrysene-d12	14.057	240	297623	20.000	ng	0.00
86) Perylene-d12	15.563	264	301999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1052326	112.808	ng	0.02
7) Phenol-d6	6.516	99	1437610	113.748	ng	0.01
23) Nitrobenzene-d5	7.440	82	918669	79.189	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	385531	117.525	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1601811	78.058	ng	0.00
79) Terphenyl-d14	12.986	244	1454456	84.827	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.758	88	196922	47.364	ng	98
3) Pyridine	3.510	79	464891	45.483	ng	99
4) n-Nitrosodimethylamine	3.469	42	256805	49.711	ng	99
6) Aniline	6.540	93	259944	23.643	ng	# 1
8) 2-Chlorophenol	6.663	128	529721	52.863	ng	98
9) Benzaldehyde	6.422	77	47919	6.326	ng	100
10) Phenol	6.534	94	650710	48.821	ng	91
11) bis(2-Chloroethyl)ether	6.610	93	521888	51.678	ng	100
12) 1,3-Dichlorobenzene	6.816	146	537566	48.621	ng	100
13) 1,4-Dichlorobenzene	6.893	146	539616	48.134	ng	99
14) 1,2-Dichlorobenzene	7.045	146	518588	49.829	ng	100
15) Benzyl Alcohol	7.016	79	460140	50.533	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	664700	47.651	ng	61
17) 2-Methylphenol	7.134	107	408212	49.521	ng	# 92
18) Hexachloroethane	7.381	117	203600	49.126	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	367542	48.150	ng	99
20) 3+4-Methylphenols	7.287	107	509217	49.396	ng	91
22) Acetophenone	7.281	105	694011	49.367	ng	# 97
24) Nitrobenzene	7.457	77	580511	48.061	ng	99
25) Isophorone	7.693	82	1019500	49.586	ng	100
26) 2-Nitrophenol	7.769	139	283478	52.888	ng	98
27) 2,4-Dimethylphenol	7.810	122	403102	58.743	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	631335	50.078	ng	100
29) 2,4-Dichlorophenol	8.016	162	432953	51.052	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	452658	47.942	ng	99
31) Naphthalene	8.175	128	1487350	48.508	ng	99
32) Benzoic acid	7.945	122	298719	49.472	ng	97
33) 4-Chloroaniline	8.240	127	73996	6.939	ng	97
34) Hexachlorobutadiene	8.287	225	289092	48.055	ng	99
35) Caprolactam	8.604	113	141424m	50.173	ng	
36) 4-Chloro-3-methylphenol	8.722	107	474777	50.518	ng	99
37) 2-Methylnaphthalene	8.869	142	970612	49.367	ng	99
38) 1-Methylnaphthalene	8.969	142	910890	47.311	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	455114	49.890	ng	99
41) Hexachlorocyclopentadiene	9.016	237	392593	167.619	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	304343	50.837	ng	100

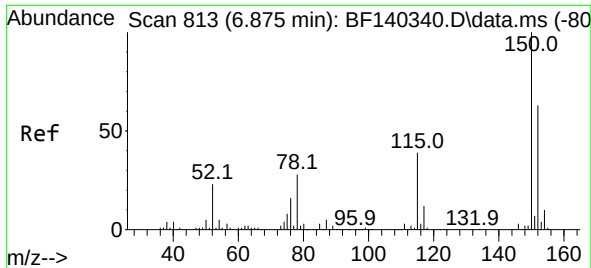
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 QLast Update : Wed Nov 13 14:40:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	321133	49.063	ng	97
46) 1,1'-Biphenyl	9.334	154	1190763	49.618	ng	100
47) 2-Chloronaphthalene	9.357	162	896328	49.030	ng	99
48) 2-Nitroaniline	9.457	65	298711	49.269	ng	99
49) Acenaphthylene	9.775	152	1445166	52.248	ng	100
50) Dimethylphthalate	9.634	163	1102017	51.252	ng	100
51) 2,6-Dinitrotoluene	9.698	165	236680	48.283	ng	99
52) Acenaphthene	9.945	154	1037837m	55.553	ng	
53) 3-Nitroaniline	9.869	138	125600	24.398	ng	99
54) 2,4-Dinitrophenol	9.981	184	265386	104.986	ng	98
55) Dibenzofuran	10.116	168	1308667	49.484	ng	99
56) 4-Nitrophenol	10.045	139	352328	93.830	ng	99
57) 2,4-Dinitrotoluene	10.104	165	320430	49.668	ng	98
58) Fluorene	10.463	166	1010321	48.359	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	277506	53.696	ng	97
60) Diethylphthalate	10.334	149	1075092	48.897	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	499623	48.439	ng	98
62) 4-Nitroaniline	10.486	138	232546	44.179	ng	99
63) Azobenzene	10.610	77	1170866	53.897	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	181689	57.487	ng	96
66) n-Nitrosodiphenylamine	10.575	169	890665	52.476	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	306660	52.224	ng	98
68) Hexachlorobenzene	11.010	284	337885	51.142	ng	98
69) Atrazine	11.098	200	285602	55.618	ng	98
70) Pentachlorophenol	11.210	266	337988	94.970	ng	99
71) Phenanthrene	11.428	178	1455837	52.758	ng	100
72) Anthracene	11.481	178	1407194	52.032	ng	100
73) Carbazole	11.633	167	1294193	48.464	ng	100
74) Di-n-butylphthalate	11.957	149	1576494	49.188	ng	100
75) Fluoranthene	12.616	202	1510430	48.788	ng	100
77) Benzidine	12.739	184	197074	17.252	ng	99
78) Pyrene	12.845	202	1501419	58.977	ng	100
80) Butylbenzylphthalate	13.457	149	554722	56.722	ng	98
81) Benzo(a)anthracene	14.045	228	1080364	55.232	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	194781	31.329	ng	99
83) Chrysene	14.080	228	988449	55.384	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	728758	55.828	ng	99
85) Di-n-octyl phthalate	14.663	149	1087473	59.151	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	968011	51.889	ng	100
88) Benzo(b)fluoranthene	15.127	252	933030	47.229	ng	99
89) Benzo(k)fluoranthene	15.157	252	901704m	55.872	ng	
90) Benzo(a)pyrene	15.504	252	874147	56.980	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	774961	50.256	ng	99
92) Benzo(g,h,i)perylene	17.527	276	725727	46.035	ng	99

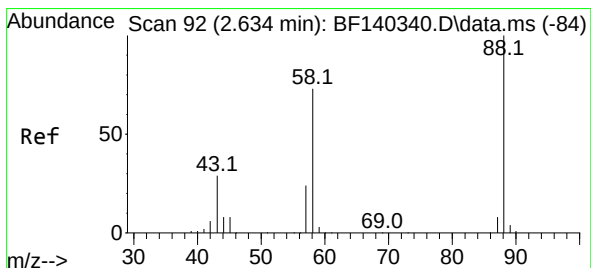
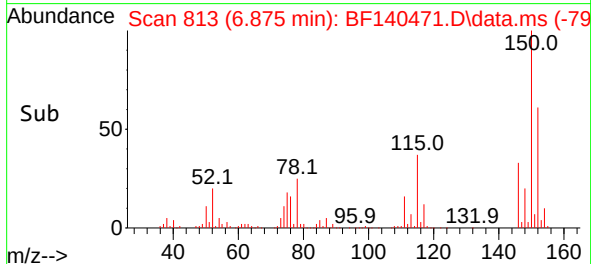
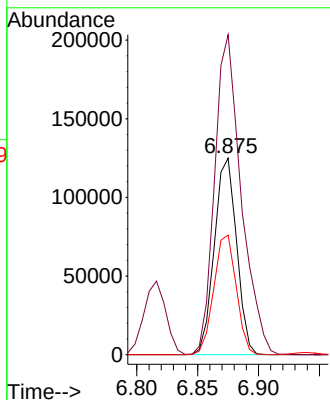
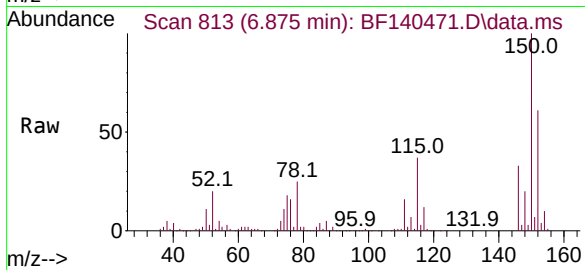
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BF140471.D
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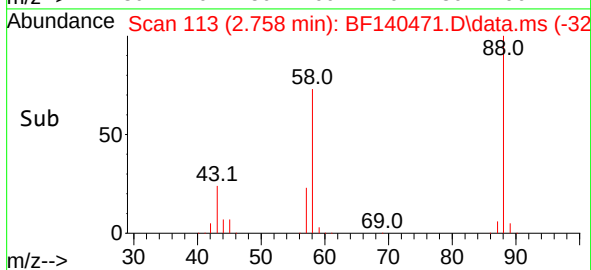
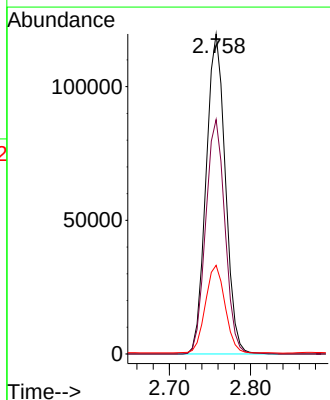
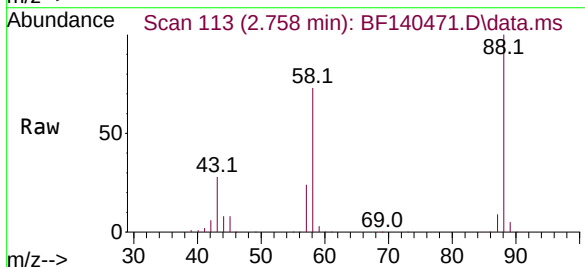
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 BNA_F
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 COMP-3MS

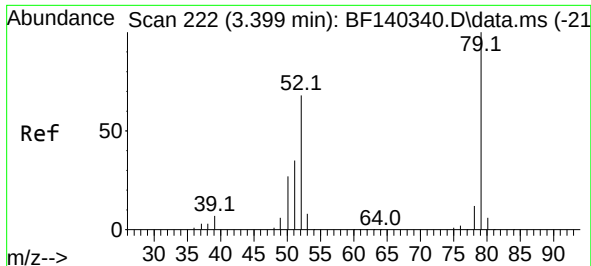
Tgt Ion:152 Resp: 159273
 Ion Ratio Lower Upper
 152 100
 150 162.8 127.4 191.0
 115 60.9 47.4 71.2



#2
 1,4-Dioxane
 Concen: 47.364 ng
 RT: 2.758 min Scan# 113
 Delta R.T. 0.124 min
 Lab File: BF140471.D
 Acq: 19 Nov 2024 14:13

Tgt Ion: 88 Resp: 196922
 Ion Ratio Lower Upper
 88 100
 58 73.4 59.5 89.3
 43 27.8 23.4 35.2

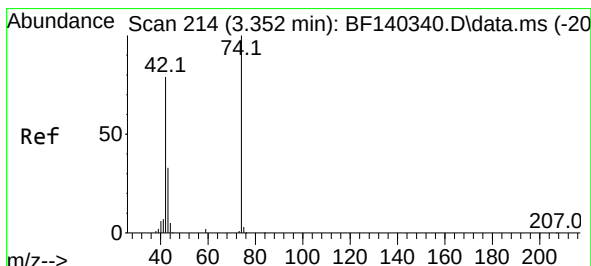
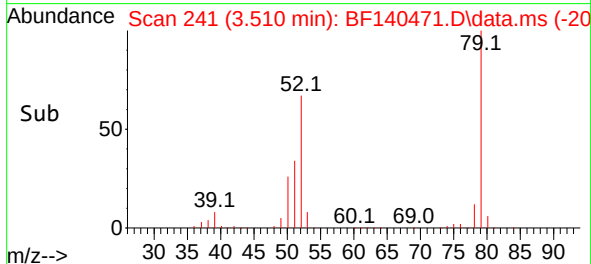
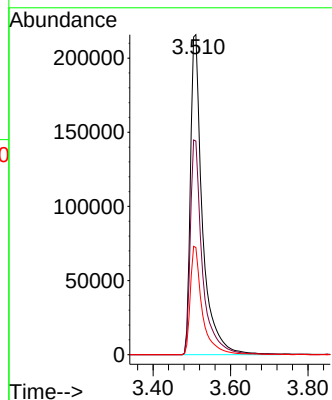
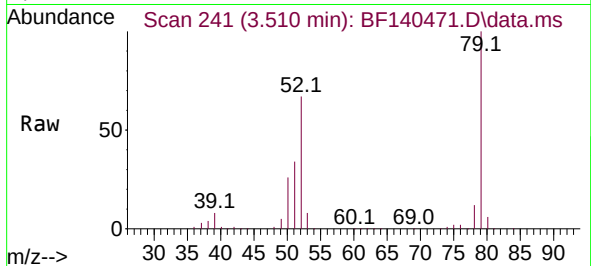




#3
Pyridine
Concen: 45.483 ng
RT: 3.510 min Scan# 241
Delta R.T. 0.106 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

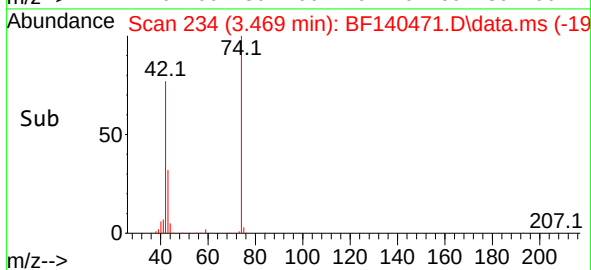
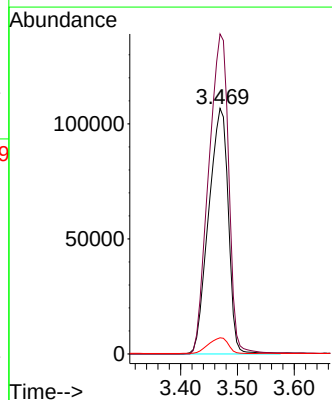
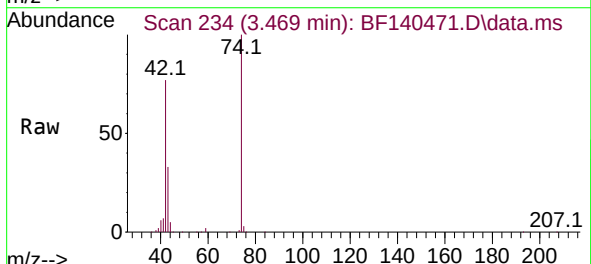
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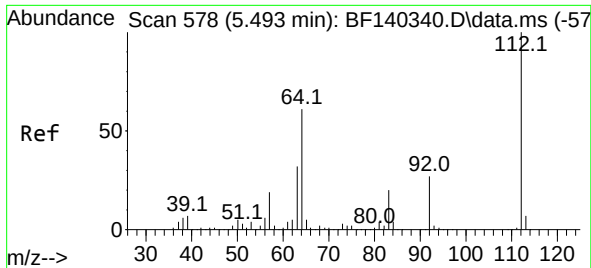
Tgt Ion: 79 Resp: 464891
Ion Ratio Lower Upper
79 100
52 66.8 53.8 80.6
51 33.5 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 49.711 ng
RT: 3.469 min Scan# 234
Delta R.T. 0.112 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 42 Resp: 256805
Ion Ratio Lower Upper
42 100
74 130.3 103.5 155.3
44 6.6 5.1 7.7

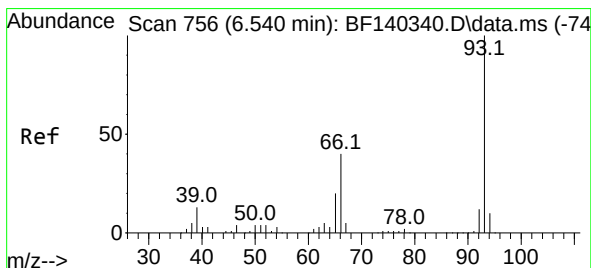
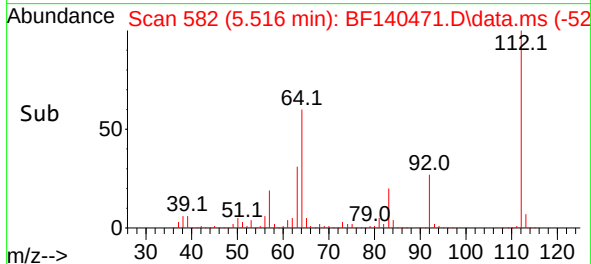
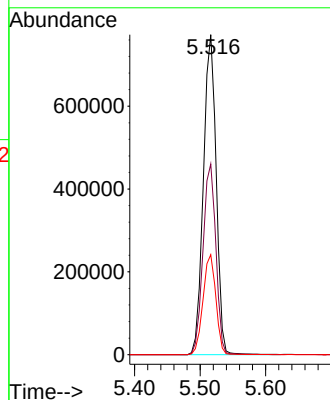
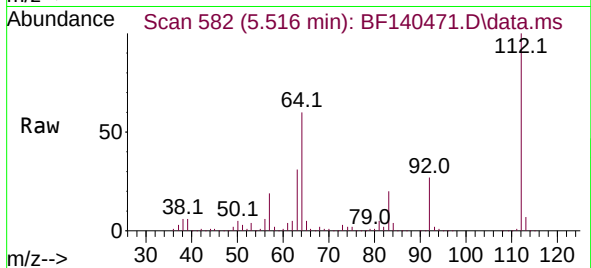




#5
2-Fluorophenol
Concen: 112.808 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

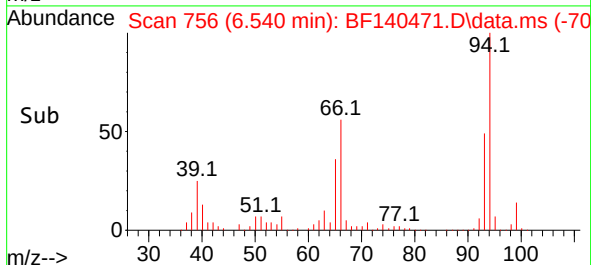
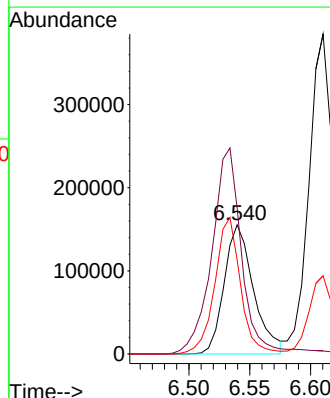
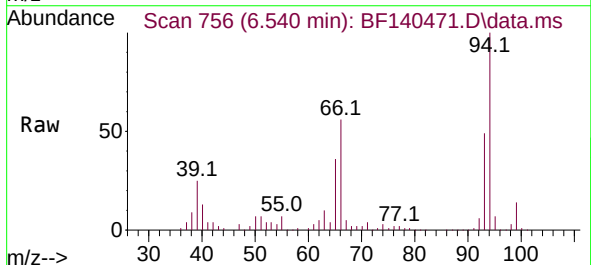
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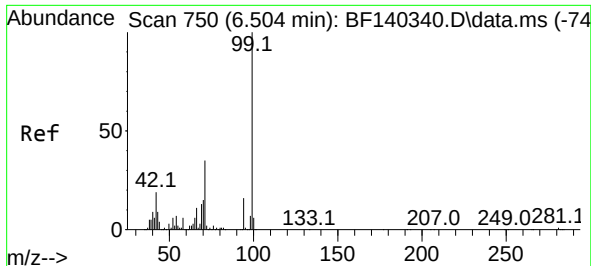
Tgt Ion:112 Resp: 1052326
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 31.3 25.6 38.4



#6
Aniline
Concen: 23.643 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 93 Resp: 259944
Ion Ratio Lower Upper
93 100
66 112.6 32.8 49.2#
65 72.9 16.6 25.0#





#7

Phenol-d6

Concen: 113.748 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.012 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

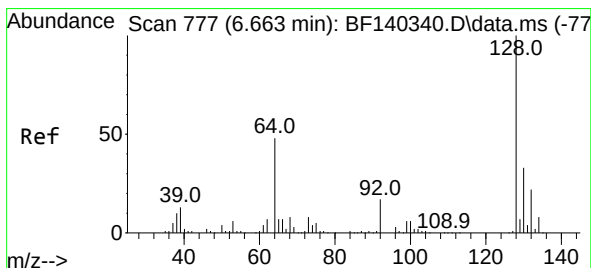
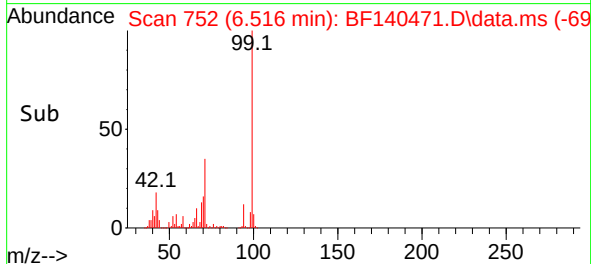
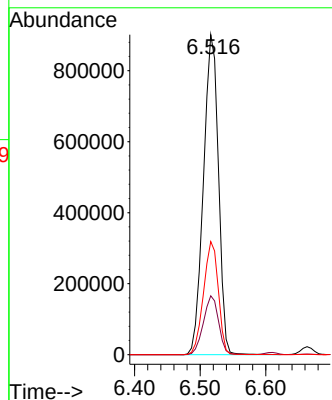
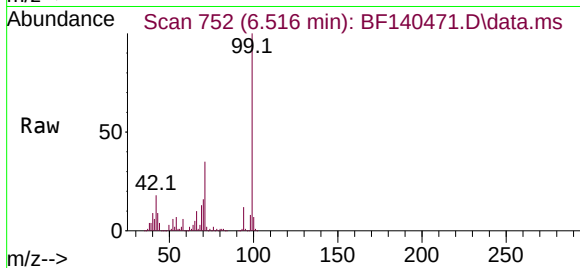
Tgt Ion: 99 Resp: 1437610

Ion Ratio Lower Upper

99 100

42 18.4 15.1 22.7

71 35.4 27.9 41.9



#8

2-Chlorophenol

Concen: 52.863 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

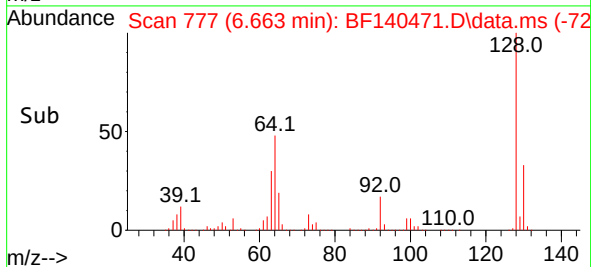
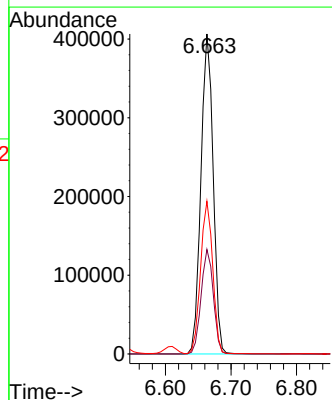
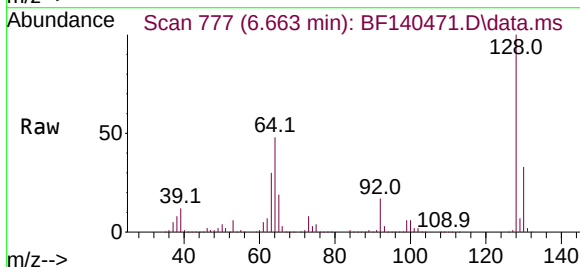
Tgt Ion:128 Resp: 529721

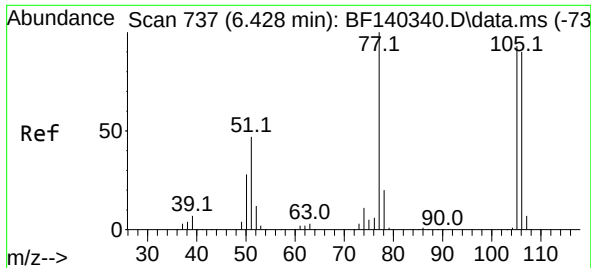
Ion Ratio Lower Upper

128 100

130 32.6 12.2 52.2

64 47.7 30.2 70.2

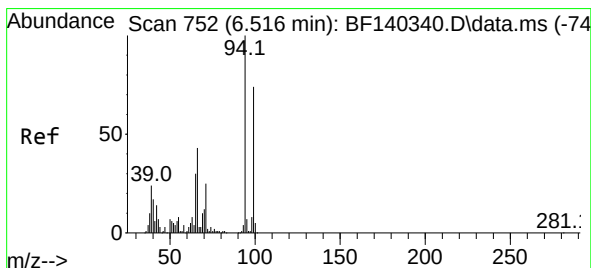
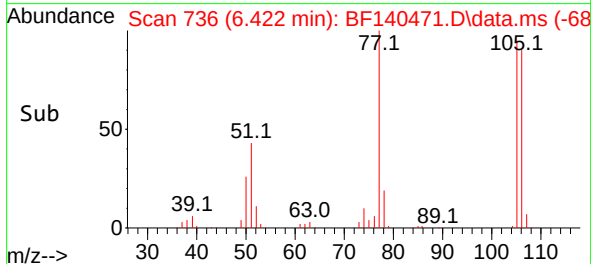
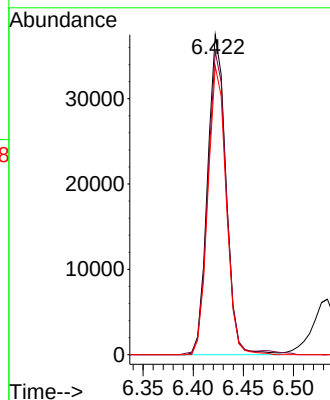
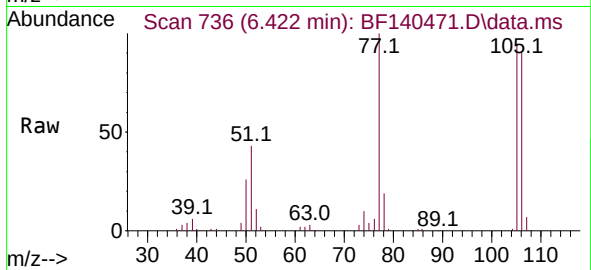




#9
Benzaldehyde
Concen: 6.326 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

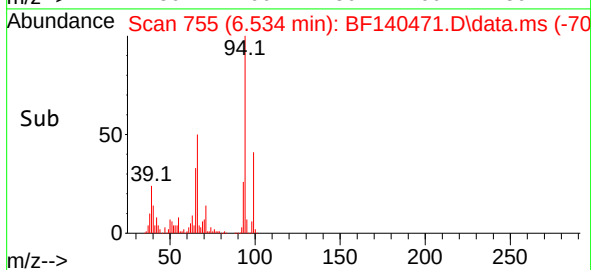
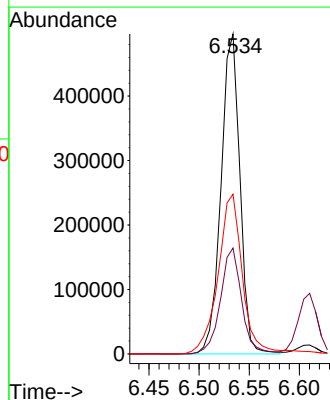
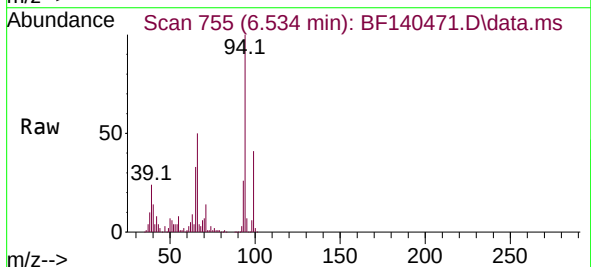
Instrument :
BNA_F
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COMP-3MS

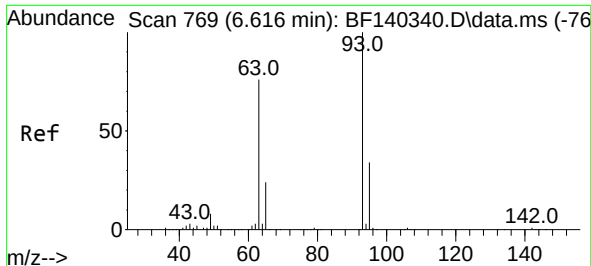
Tgt Ion: 77 Resp: 47919
Ion Ratio Lower Upper
77 100
105 94.8 74.4 114.4
106 90.1 69.9 109.9



#10
Phenol
Concen: 48.821 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 94 Resp: 650710
Ion Ratio Lower Upper
94 100
65 33.1 10.4 50.4
66 50.0 22.9 62.9

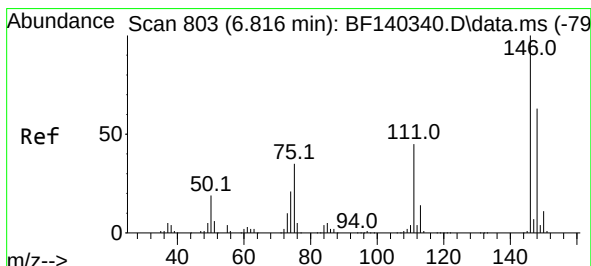
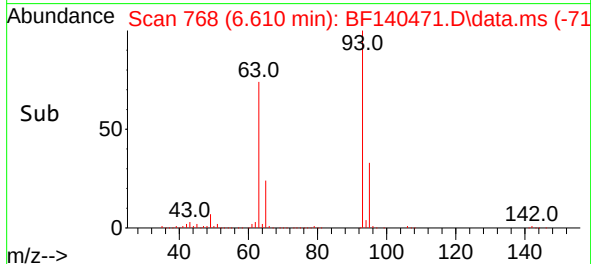
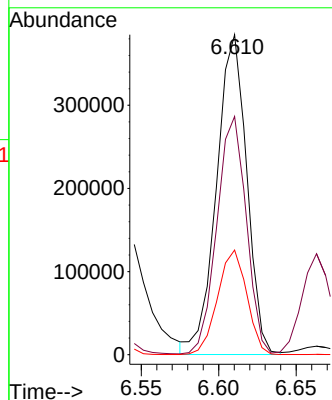
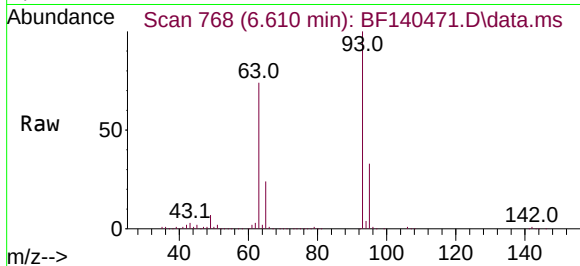




#11
bis(2-Chloroethyl)ether
Concen: 51.678 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

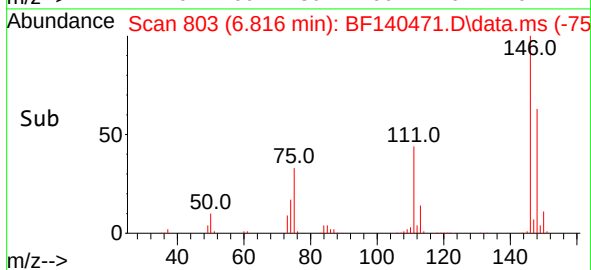
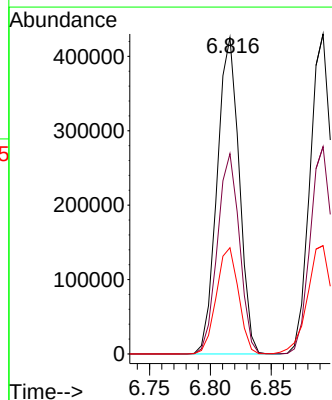
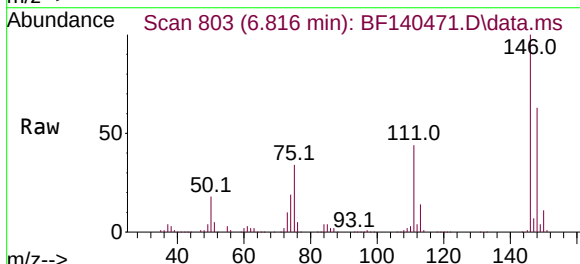
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

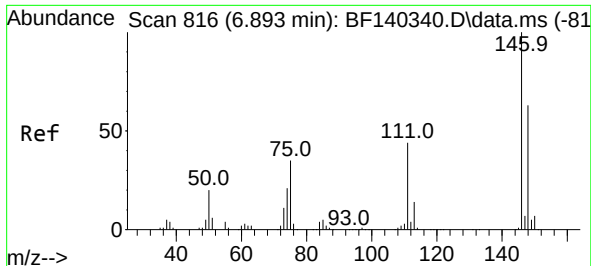
Tgt Ion: 93 Resp: 521888
Ion Ratio Lower Upper
93 100
63 74.4 54.0 94.0
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.621 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 146 Resp: 537566
Ion Ratio Lower Upper
146 100
148 63.3 50.7 76.1
75 33.6 26.4 39.6

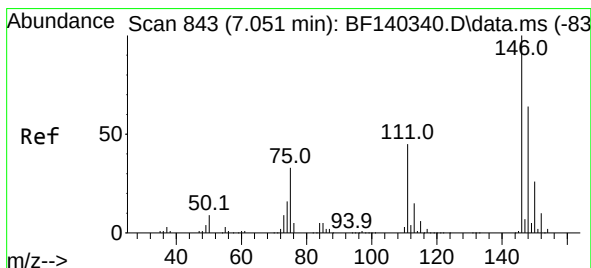
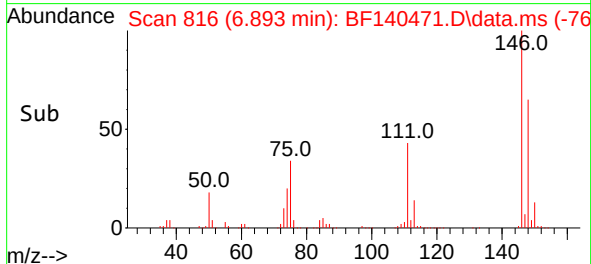
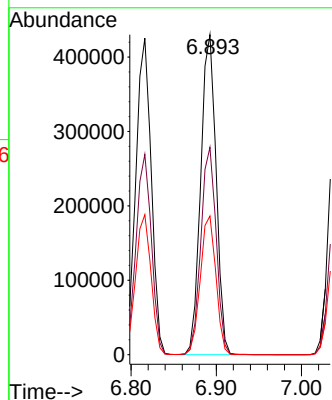
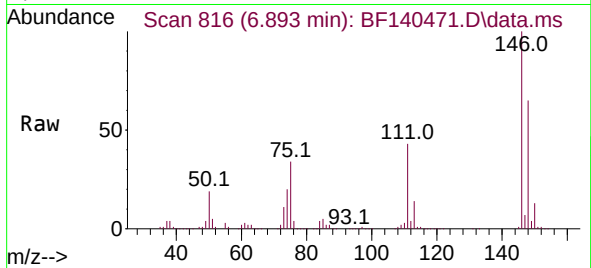




#13
1,4-Dichlorobenzene
Concen: 48.134 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

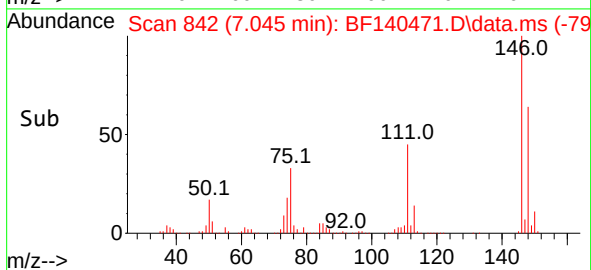
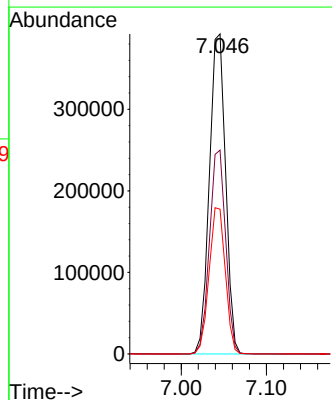
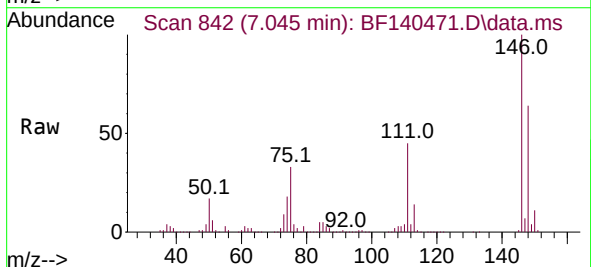
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

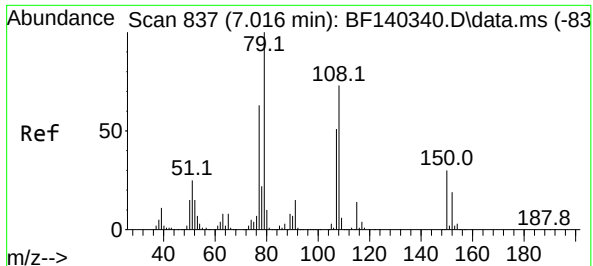
Tgt Ion:146 Resp: 539616
Ion Ratio Lower Upper
146 100
148 64.8 50.8 76.2
111 43.4 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 49.829 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:146 Resp: 518588
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 45.3 36.5 54.7

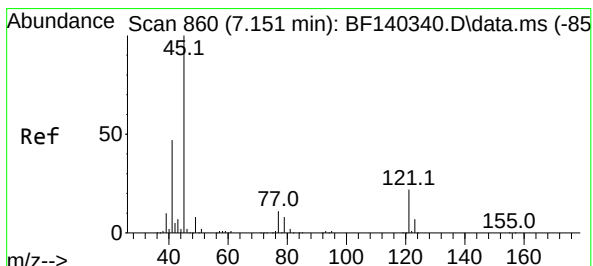
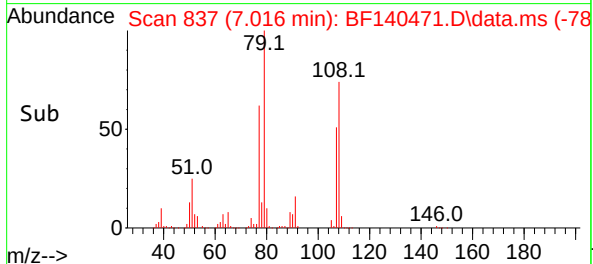
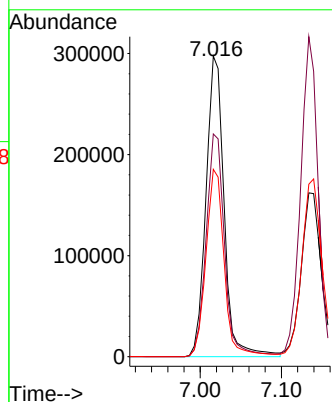
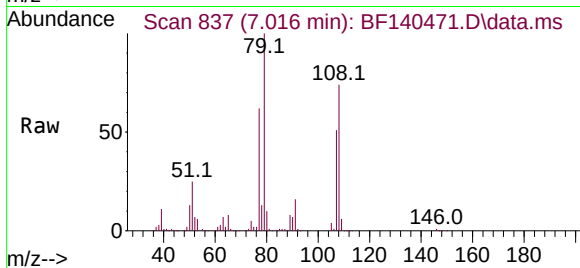




#15
Benzyl Alcohol
Concen: 50.533 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

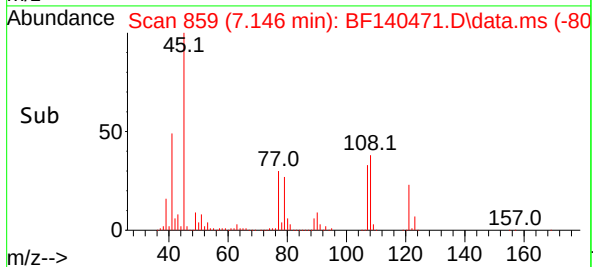
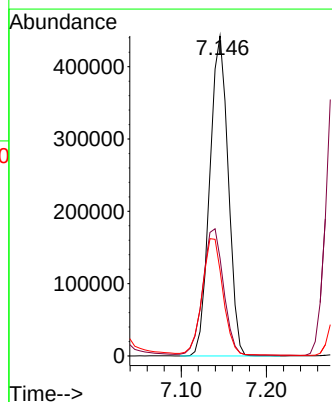
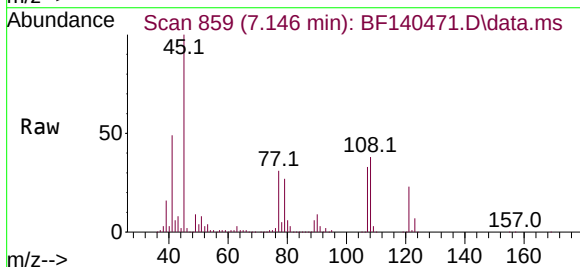
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

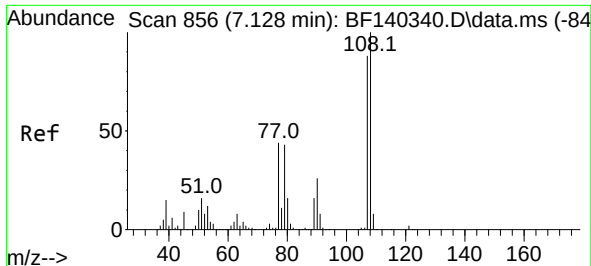
Tgt Ion: 79 Resp: 460140
Ion Ratio Lower Upper
79 100
108 74.1 57.8 86.6
77 62.3 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.651 ng
RT: 7.146 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

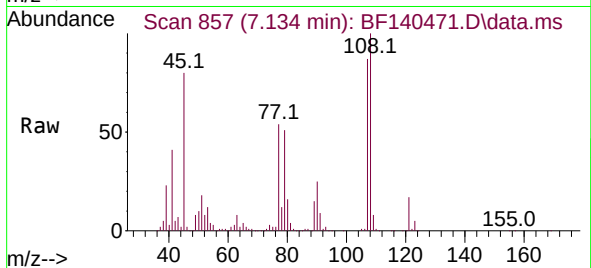
Tgt Ion: 45 Resp: 664700
Ion Ratio Lower Upper
45 100
77 30.6 0.0 34.8
79 26.7 0.0 31.4



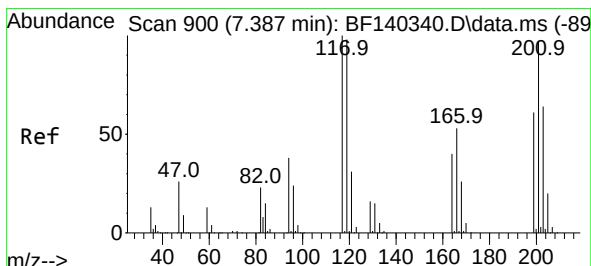
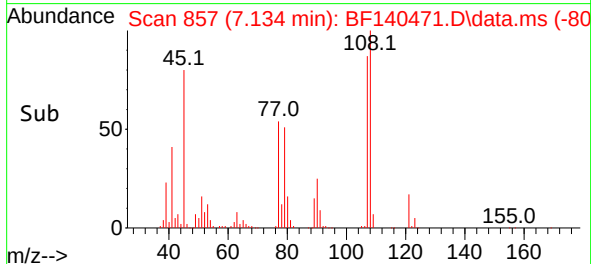
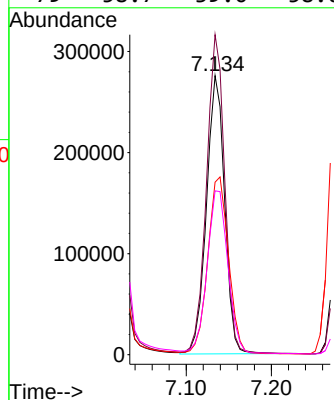


#17
2-Methylphenol
Concen: 49.521 ng
RT: 7.134 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Instrument :
BNA_F
ClientSampleId :
COMP-3MS

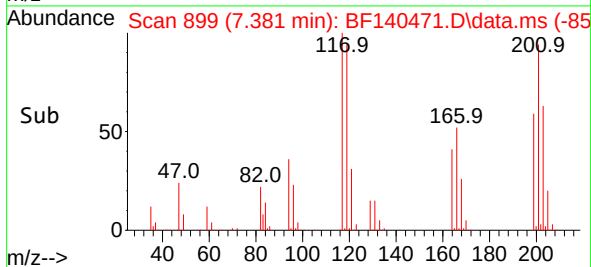
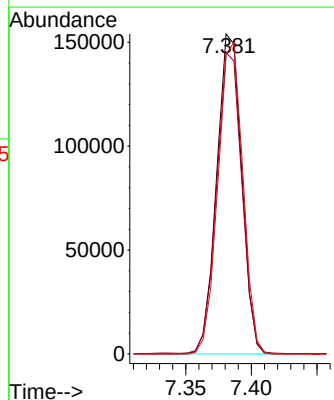
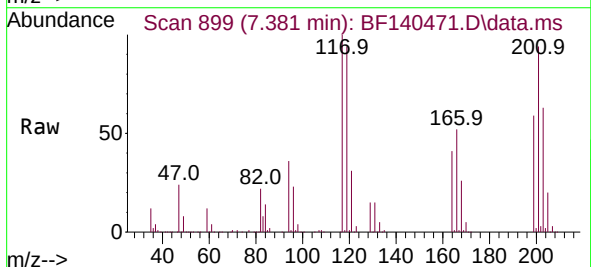


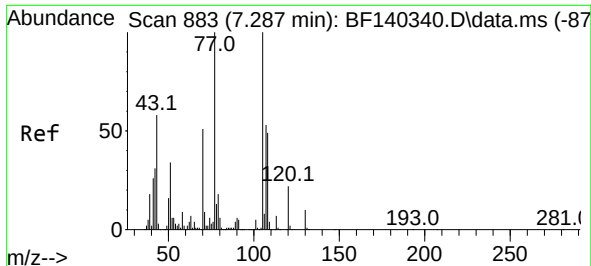
Tgt Ion:107 Resp: 408212
Ion Ratio Lower Upper
107 100
108 114.7 91.9 137.9
77 61.8 39.7 59.5#
79 58.7 39.0 58.6#



#18
Hexachloroethane
Concen: 49.126 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:117 Resp: 203600
Ion Ratio Lower Upper
117 100
119 94.2 76.9 115.3
201 93.5 80.2 120.4



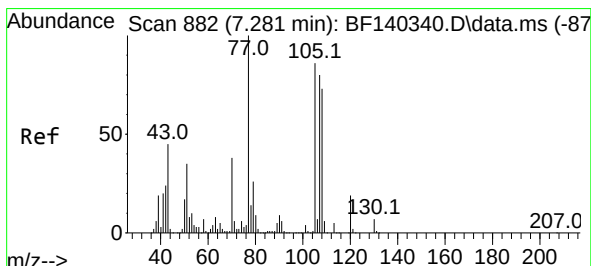
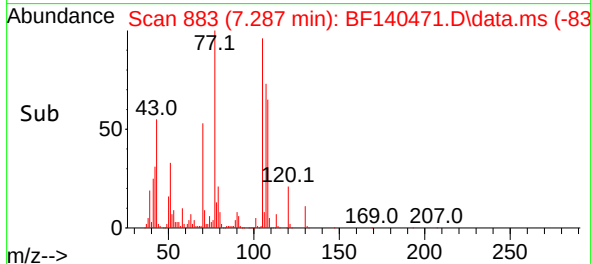
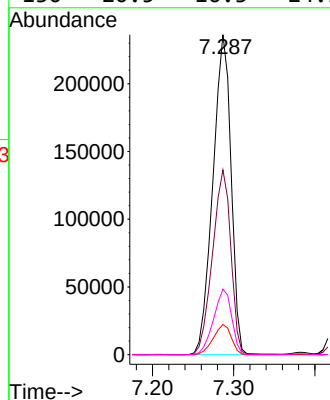
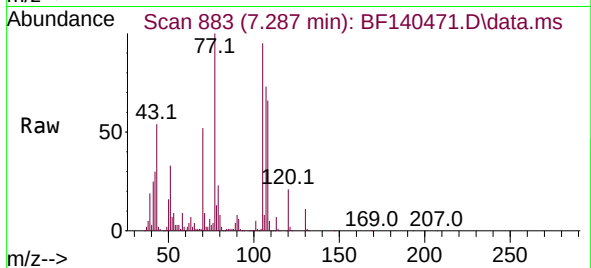


#19
n-Nitroso-di-n-propylamine
Concen: 48.150 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Instrument :
BNA_F
ClientSampleId :
COMP-3MS

Tgt Ion: 70 Resp: 367542

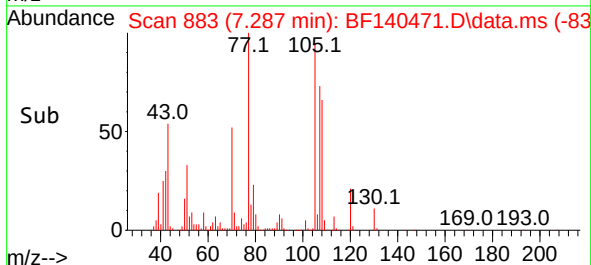
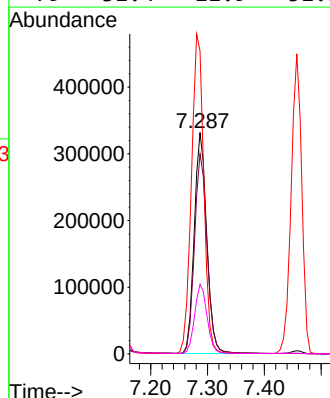
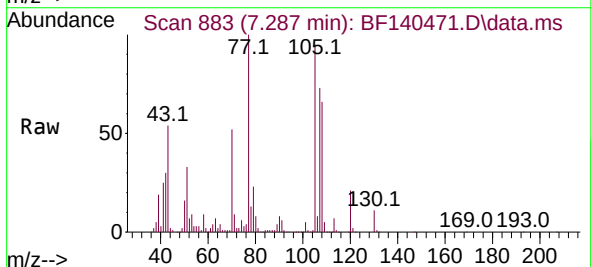
Ion	Ratio	Lower	Upper
70	100		
42	57.8	46.8	70.2
101	9.5	7.5	11.3
130	20.5	16.3	24.5

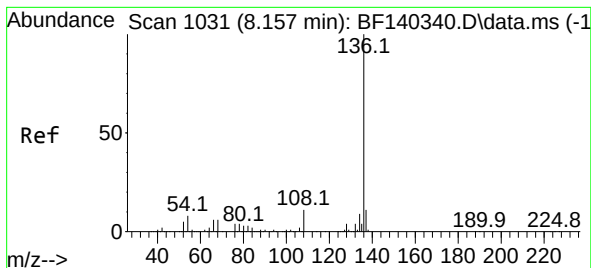


#20
3+4-Methylphenols
Concen: 49.396 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 107 Resp: 509217

Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.4	111.4
77	136.8	97.0	137.0
79	31.4	11.9	51.9

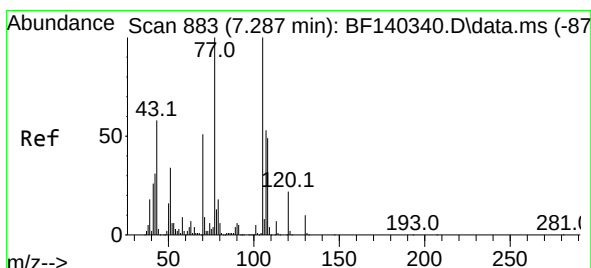
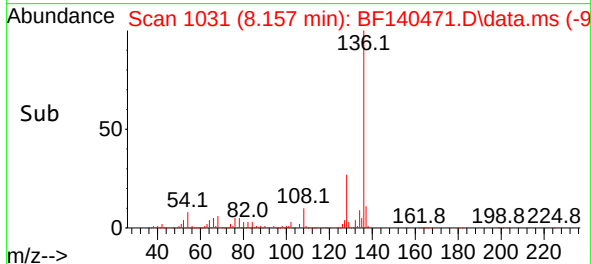
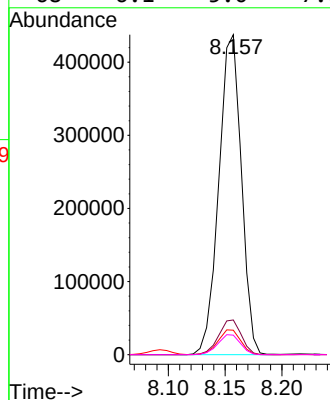
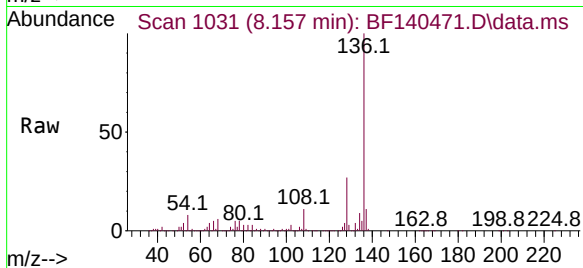




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

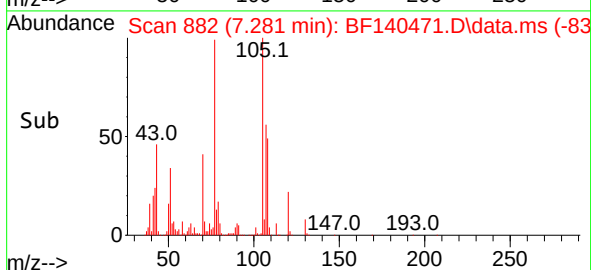
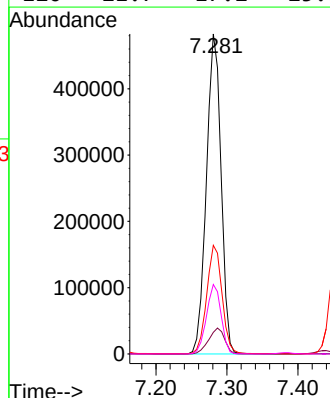
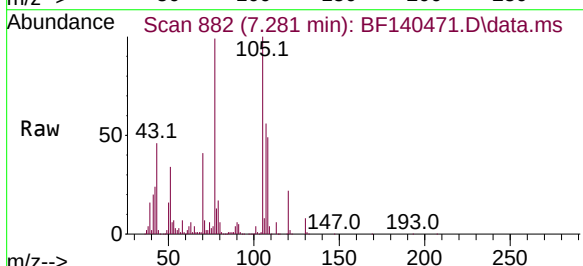
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

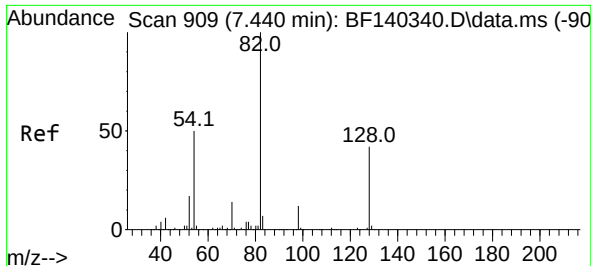
Tgt Ion:136 Resp: 604441
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.7 6.5 9.7
68 6.1 5.0 7.6



#22
Acetophenone
Concen: 49.367 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:105 Resp: 694011
Ion Ratio Lower Upper
105 100
71 6.7 6.9 10.3#
51 33.9 28.6 43.0
120 21.7 17.2 25.8

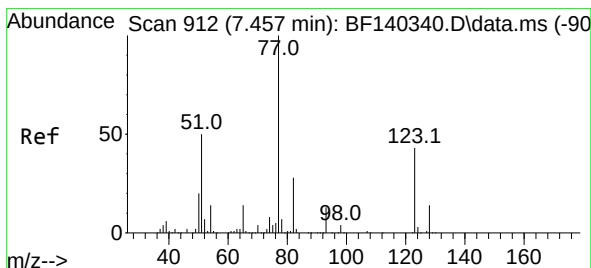
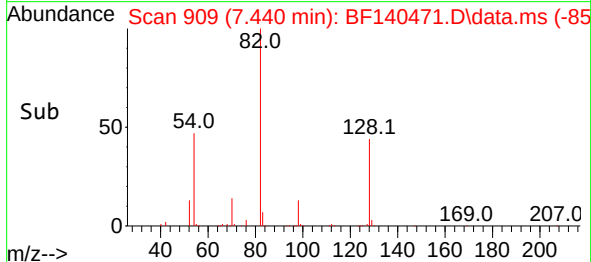
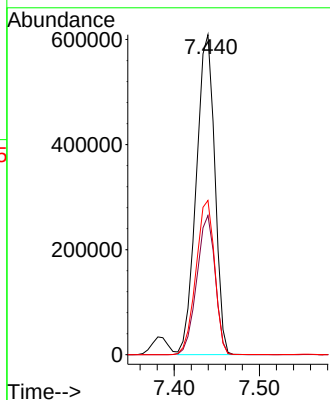
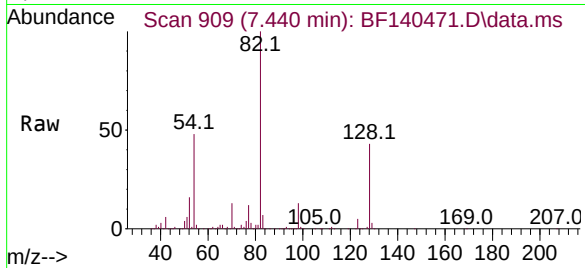




#23
Nitrobenzene-d5
Concen: 79.189 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

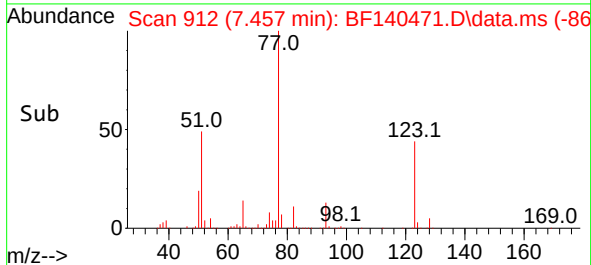
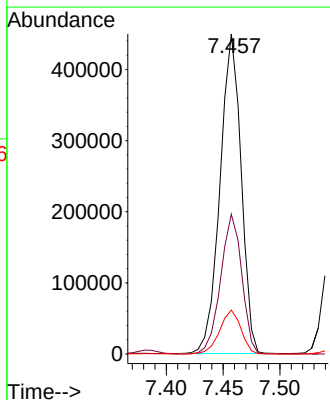
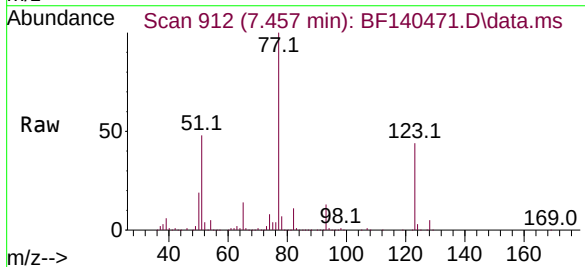
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

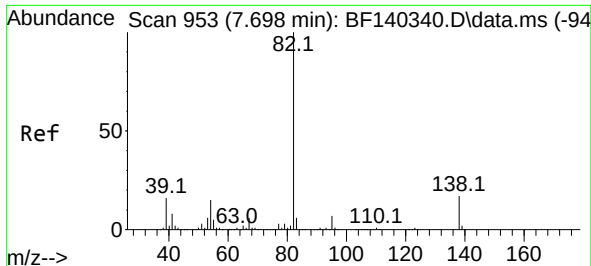
Tgt Ion: 82 Resp: 918669
Ion Ratio Lower Upper
82 100
128 43.5 33.3 49.9
54 48.2 39.8 59.8



#24
Nitrobenzene
Concen: 48.061 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 77 Resp: 580511
Ion Ratio Lower Upper
77 100
123 43.6 35.4 53.0
65 13.7 11.1 16.7

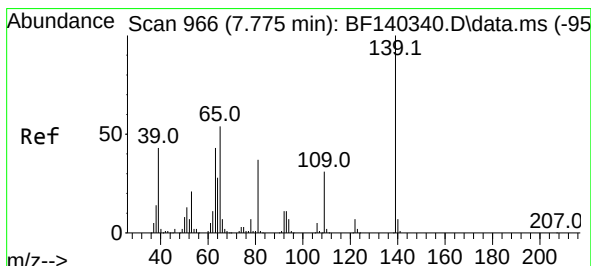
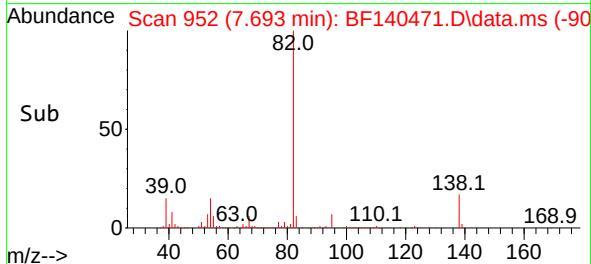
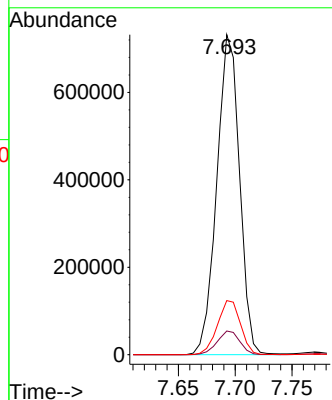
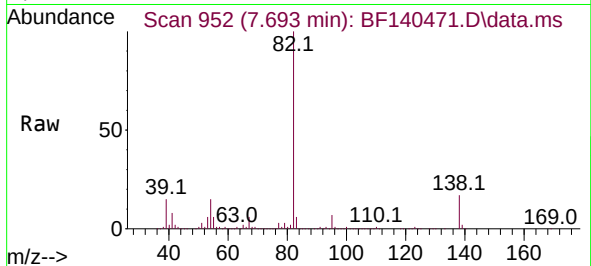




#25
Isophorone
Concen: 49.586 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

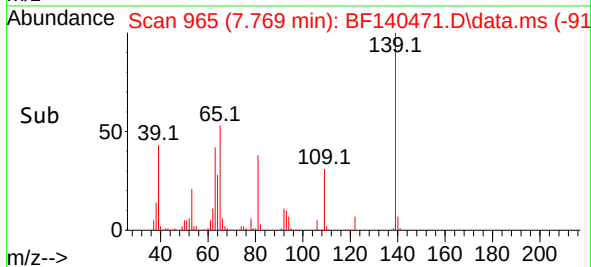
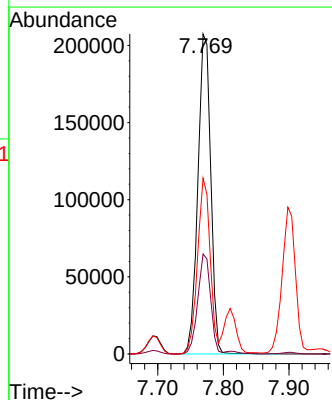
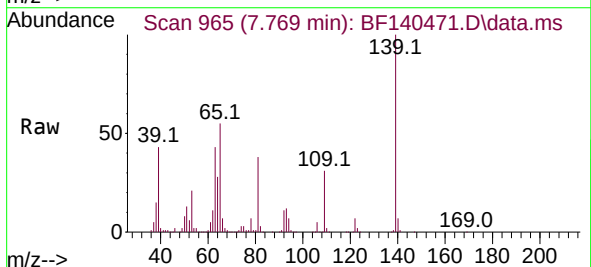
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

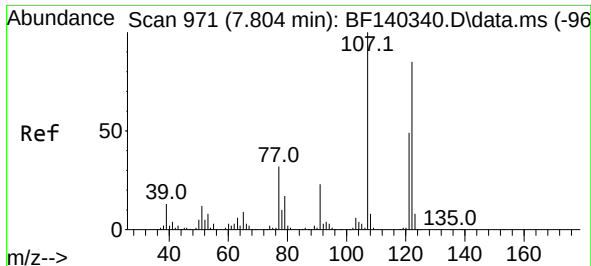
Tgt Ion: 82 Resp: 1019500
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 16.9 13.4 20.2



#26
2-Nitrophenol
Concen: 52.888 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:139 Resp: 283478
Ion Ratio Lower Upper
139 100
109 31.2 24.4 36.6
65 54.9 42.8 64.2

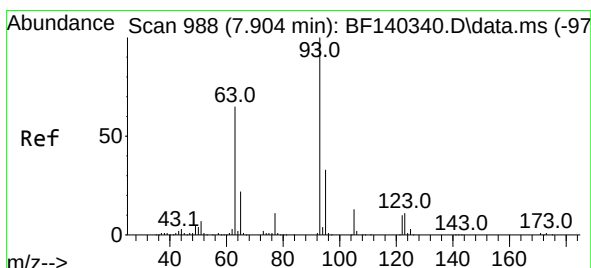
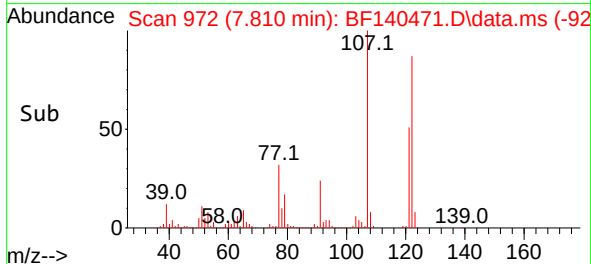
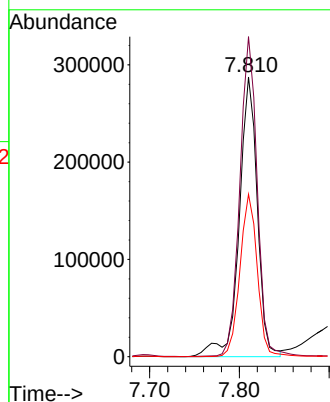
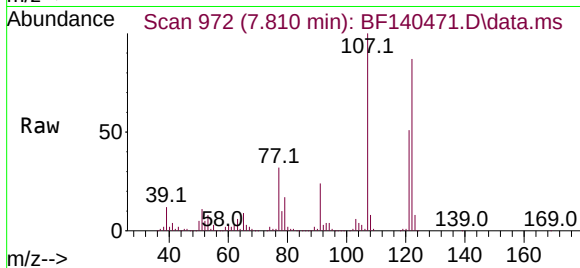




#27
2,4-Dimethylphenol
Concen: 58.743 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

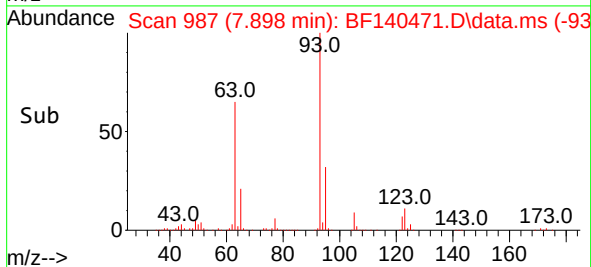
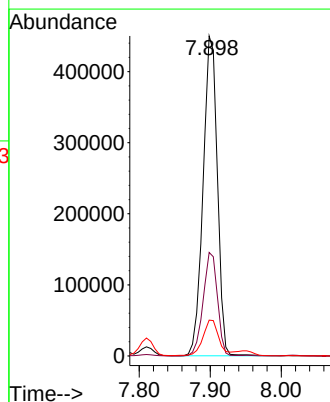
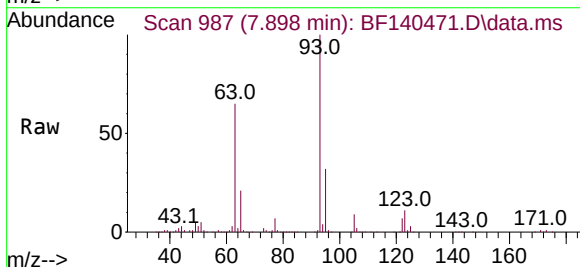
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

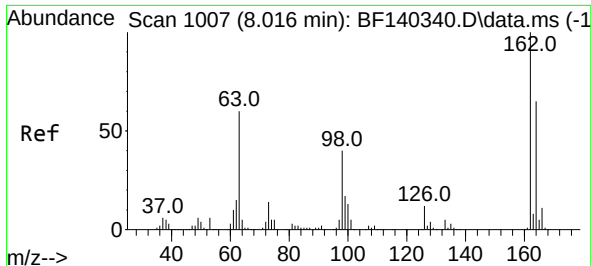
Tgt Ion:122 Resp: 403102
Ion Ratio Lower Upper
122 100
107 114.4 91.3 136.9
121 58.1 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 50.078 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 93 Resp: 631335
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 51.052 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

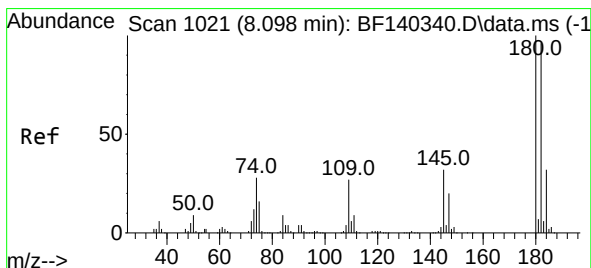
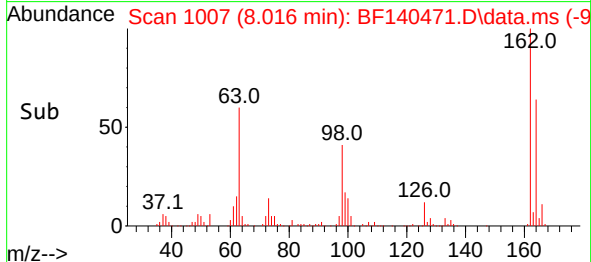
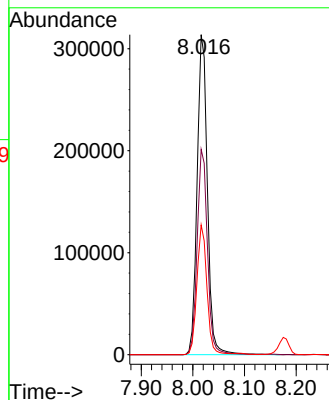
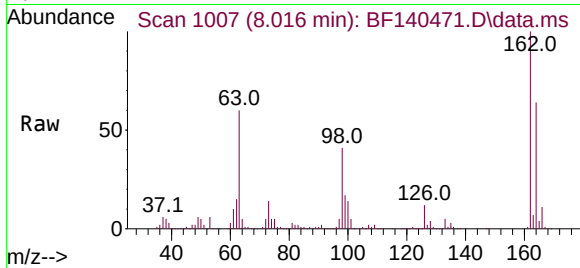
Tgt Ion:162 Resp: 432953

Ion Ratio Lower Upper

162 100

164 64.1 45.4 85.4

98 40.6 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 47.942 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

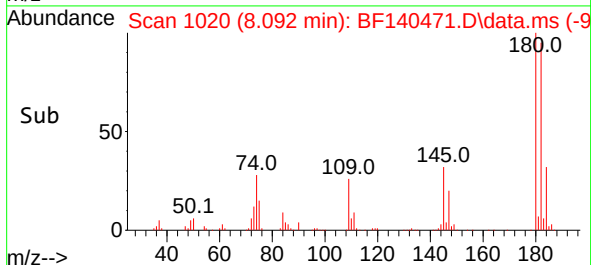
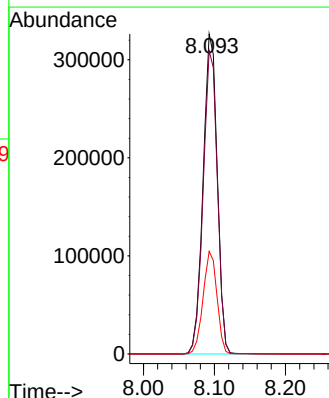
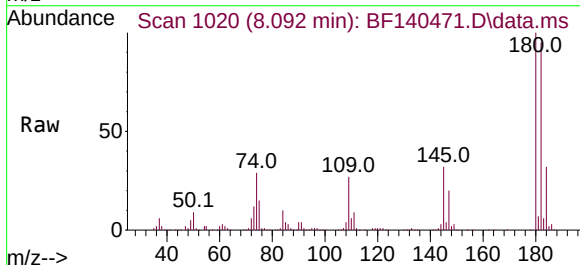
Tgt Ion:180 Resp: 452658

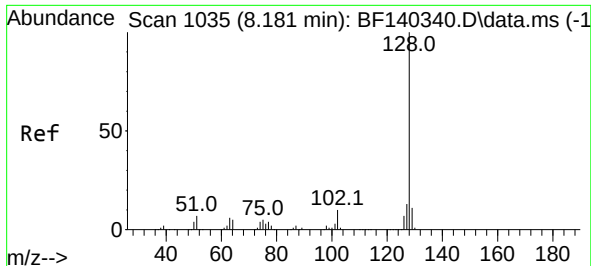
Ion Ratio Lower Upper

180 100

182 94.8 76.5 114.7

145 32.1 25.3 37.9

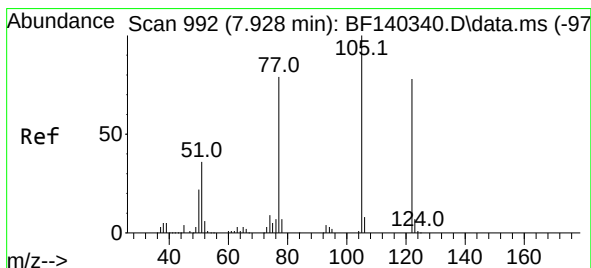
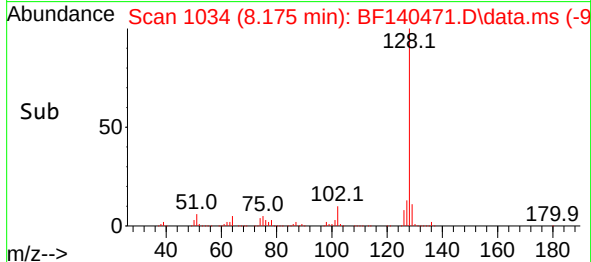
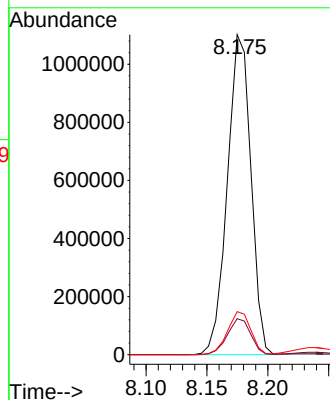
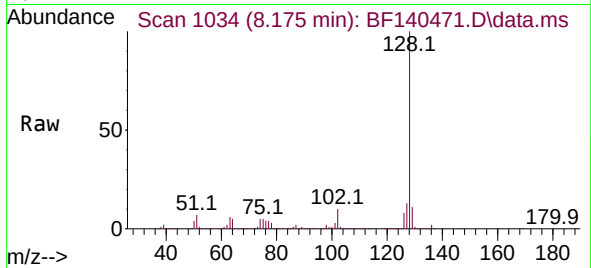




#31
Naphthalene
Concen: 48.508 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

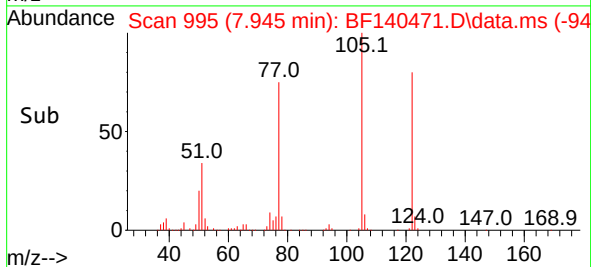
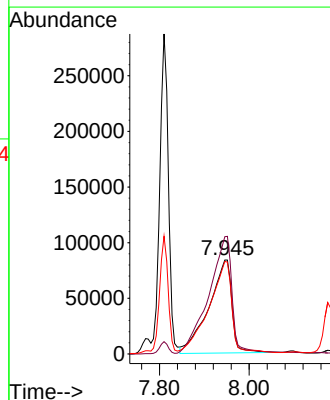
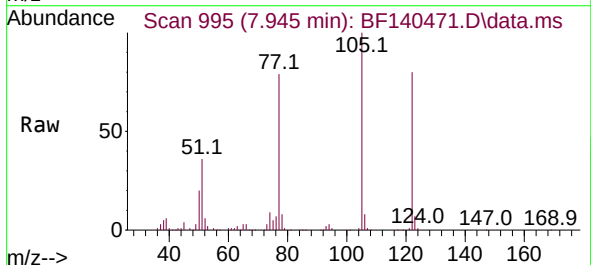
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

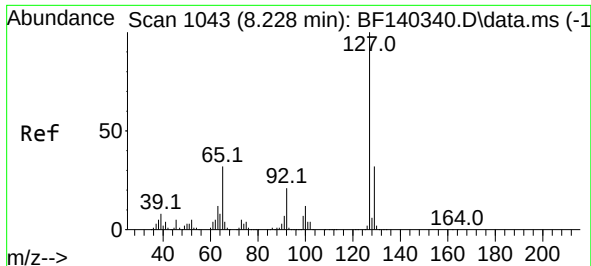
Tgt Ion:128 Resp: 1487350
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 49.472 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.018 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:122 Resp: 298719
Ion Ratio Lower Upper
122 100
105 124.8 100.9 140.9
77 98.3 76.0 116.0

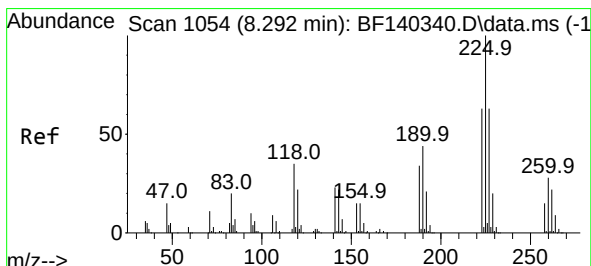
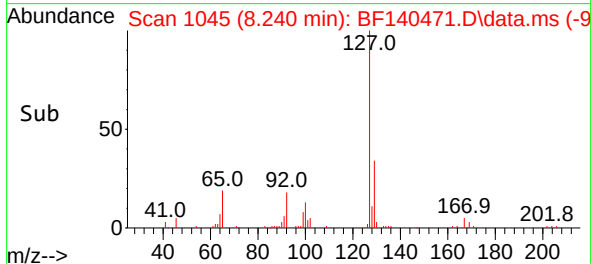
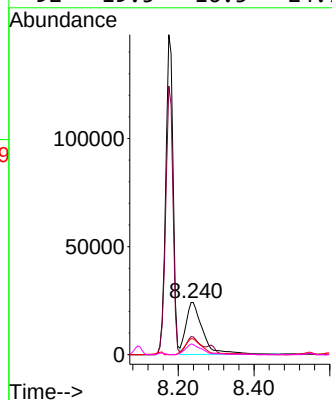
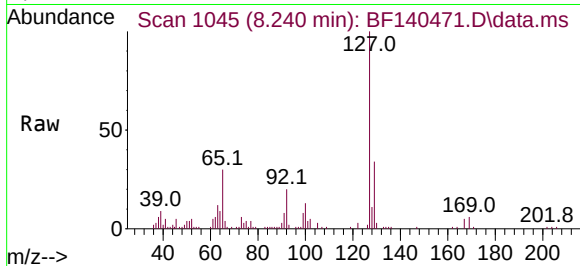




#33
4-Chloroaniline
Concen: 6.939 ng
RT: 8.240 min Scan# 1043
Delta R.T. 0.012 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

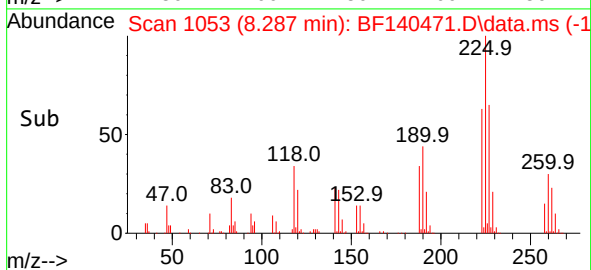
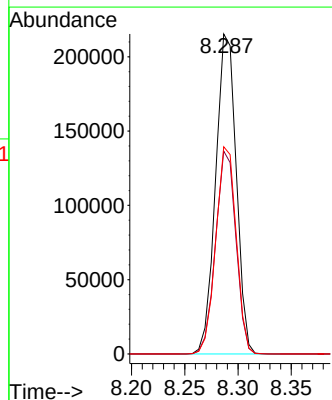
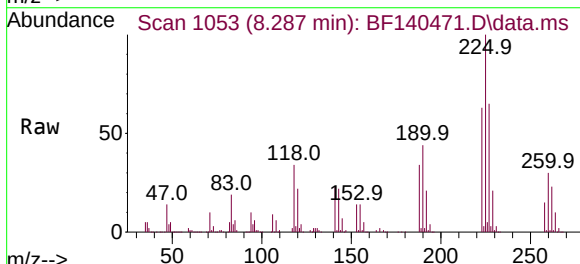
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

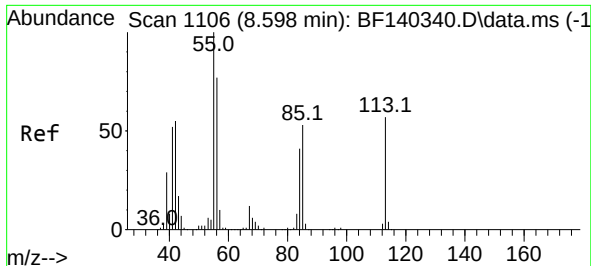
Tgt Ion:	127	Resp:	73996
Ion Ratio	Lower	Upper	
127	100		
129	34.1	26.2	39.4
65	30.4	25.8	38.6
92	19.5	16.5	24.7



#34
Hexachlorobutadiene
Concen: 48.055 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:	225	Resp:	289092
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.1	75.1
227	64.8	51.3	76.9

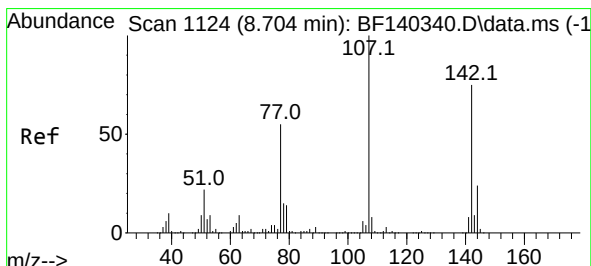
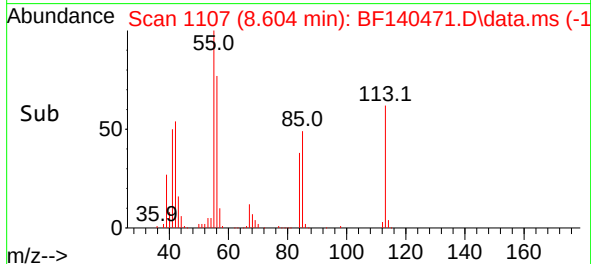
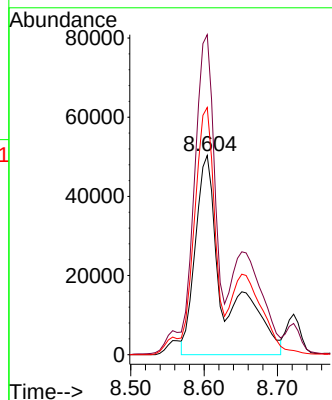
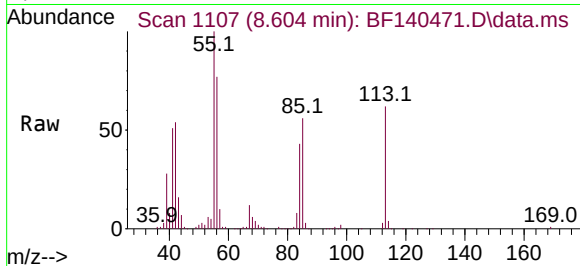




#35
 Caprolactam
 Concen: 50.173 ng m
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF140471.D
 Acq: 19 Nov 2024 14:13

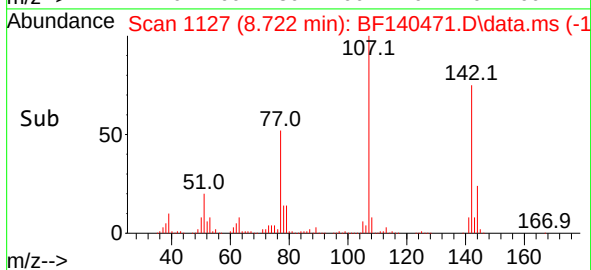
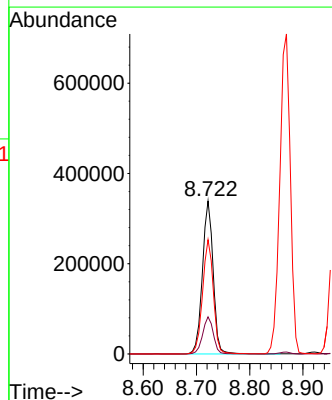
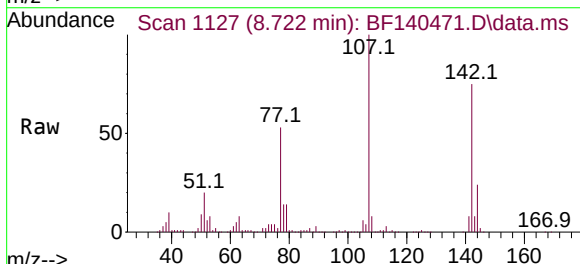
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

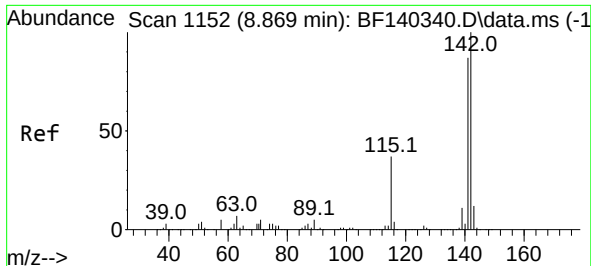
Tgt Ion:113 Resp: 141424
 Ion Ratio Lower Upper
 113 100
 55 160.6 150.0 190.0
 56 124.1 111.1 151.1



#36
 4-Chloro-3-methylphenol
 Concen: 50.518 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.018 min
 Lab File: BF140471.D
 Acq: 19 Nov 2024 14:13

Tgt Ion:107 Resp: 474777
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.3 28.9
 142 74.7 59.4 89.0





#37

2-Methylnaphthalene

Concen: 49.367 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

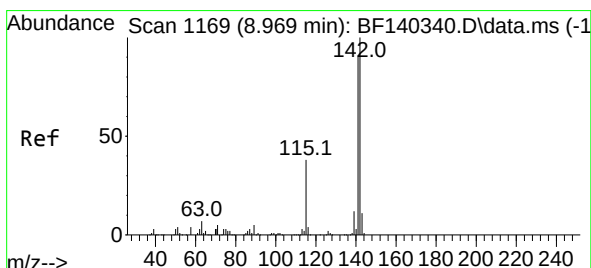
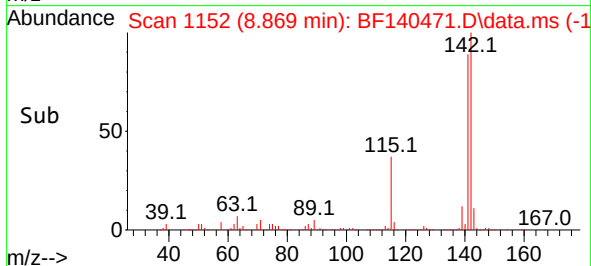
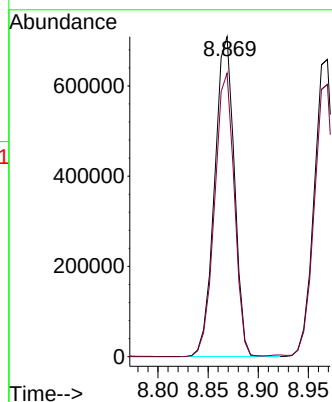
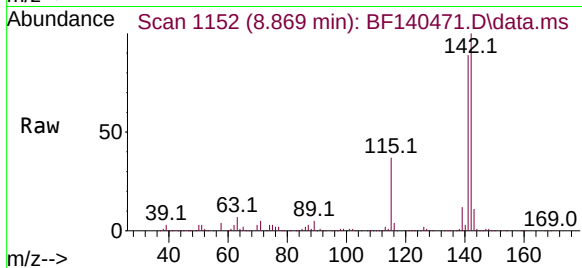
COMP-3MS

Tgt Ion:142 Resp: 970612

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6



#38

1-Methylnaphthalene

Concen: 47.311 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140471.D

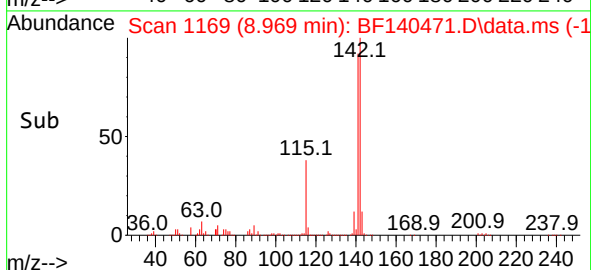
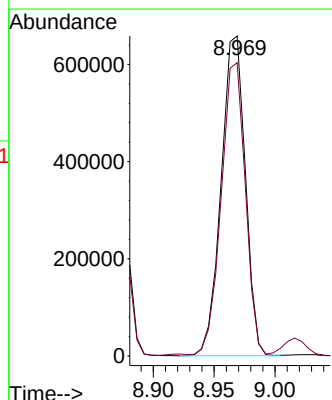
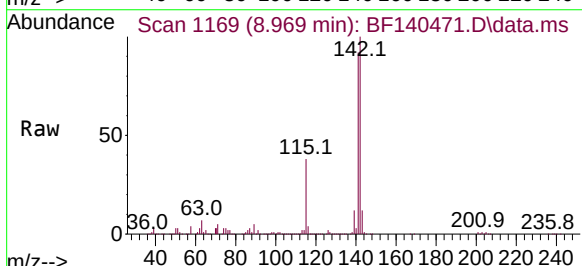
Acq: 19 Nov 2024 14:13

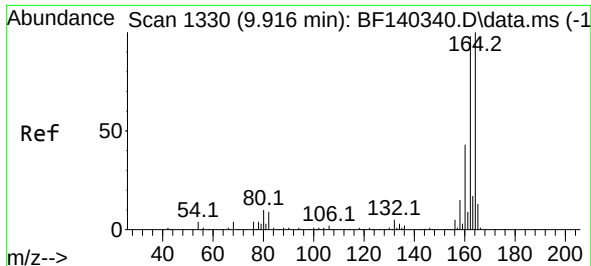
Tgt Ion:142 Resp: 910890

Ion Ratio Lower Upper

142 100

141 91.6 73.6 110.4

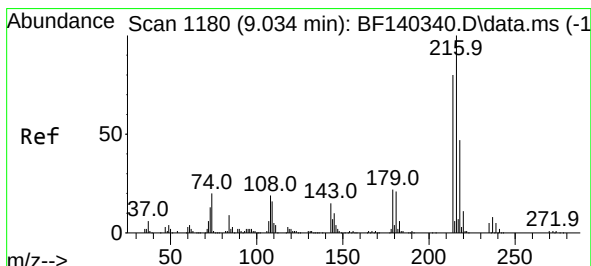
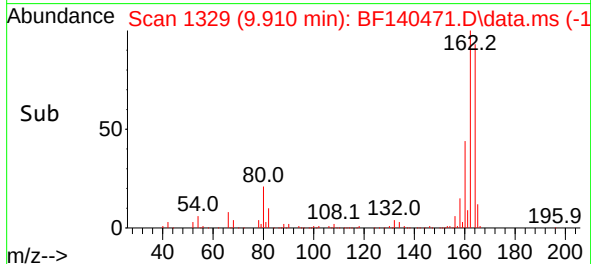
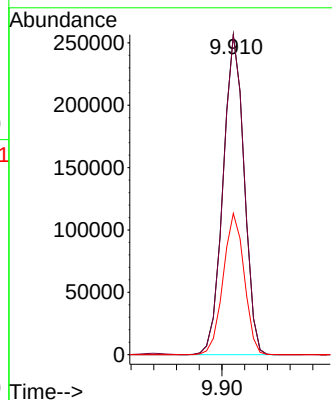
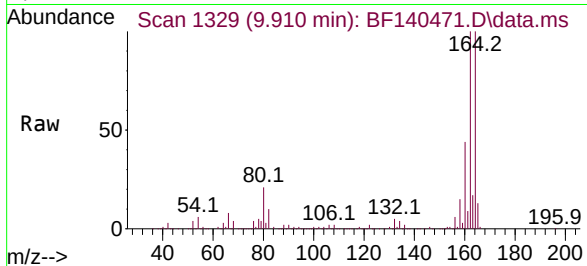




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

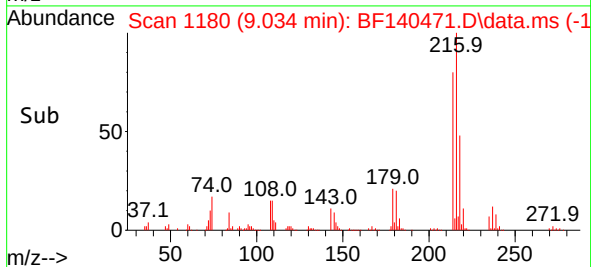
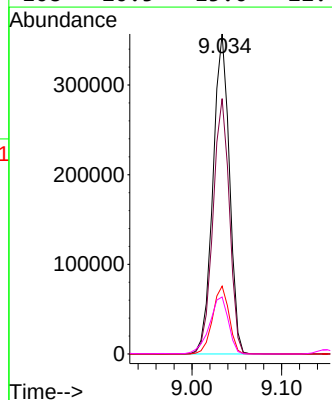
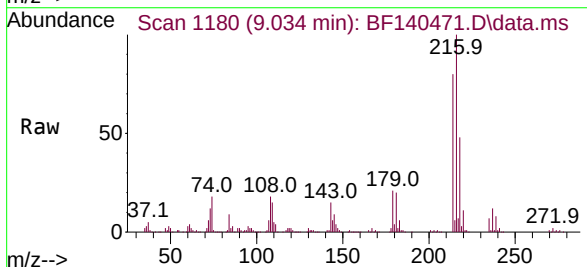
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

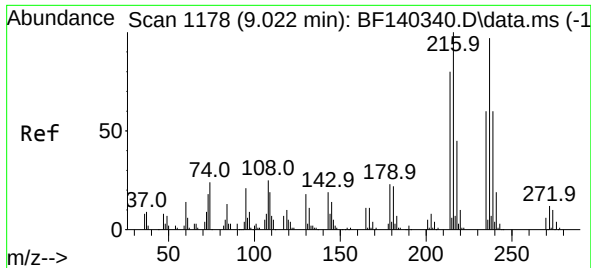
Tgt Ion:164 Resp: 329881
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 44.2 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.890 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:216 Resp: 455114
Ion Ratio Lower Upper
216 100
214 79.4 63.2 94.8
179 21.1 17.2 25.8
108 20.5 15.0 22.4

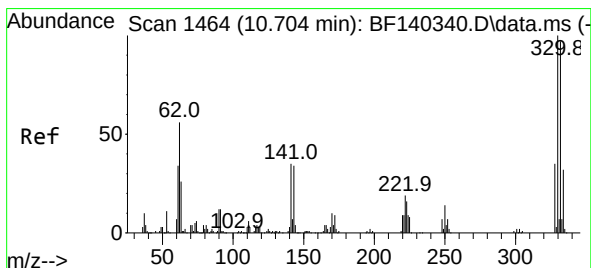
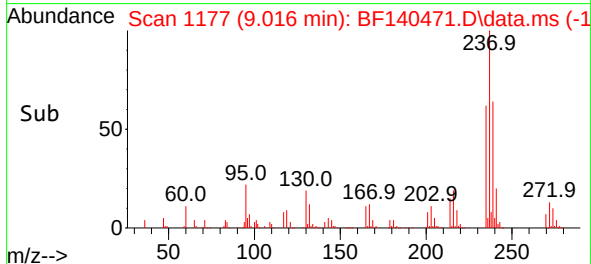
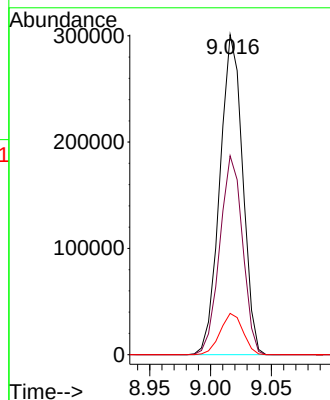
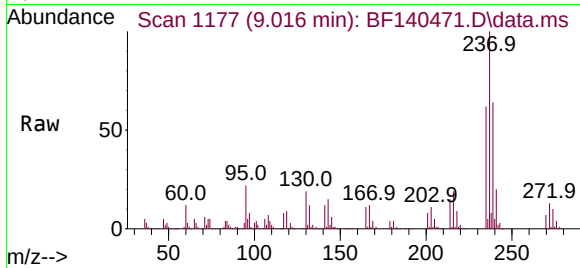




#41
Hexachlorocyclopentadiene
Concen: 167.619 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

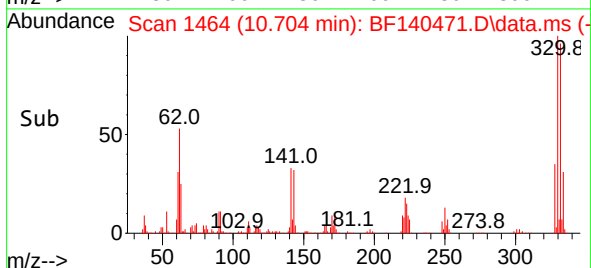
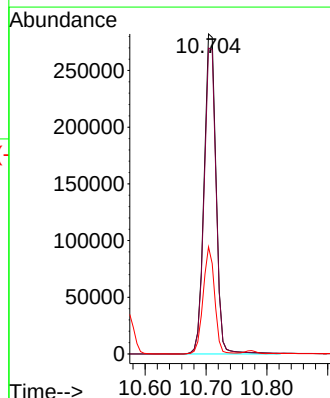
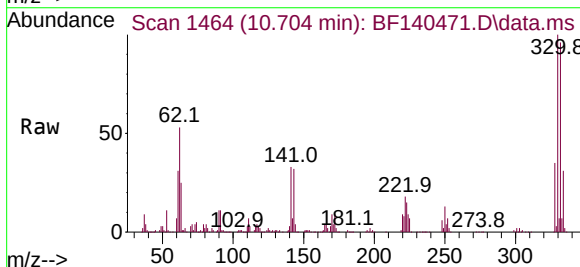
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

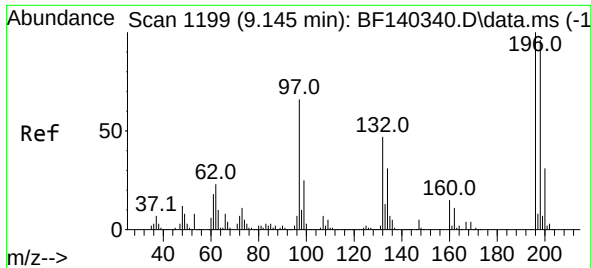
Tgt Ion:237 Resp: 392593
Ion Ratio Lower Upper
237 100
235 62.2 42.8 82.8
272 12.9 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 117.525 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:330 Resp: 385531
Ion Ratio Lower Upper
330 100
332 96.7 75.9 113.9
141 32.1 26.9 40.3

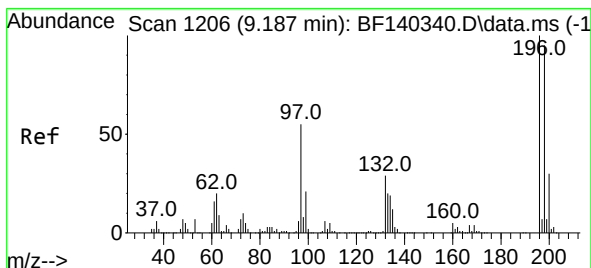
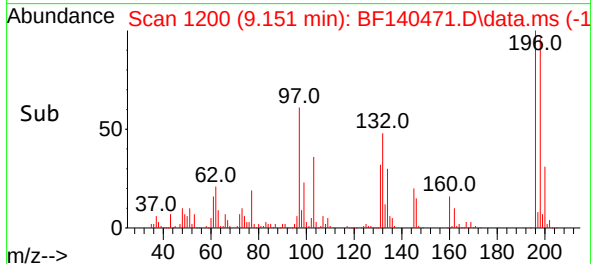
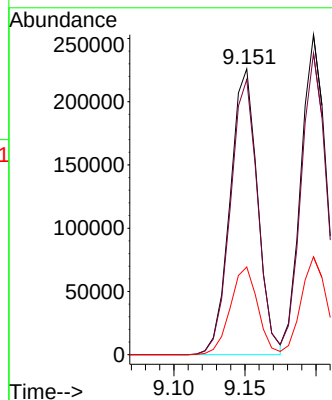
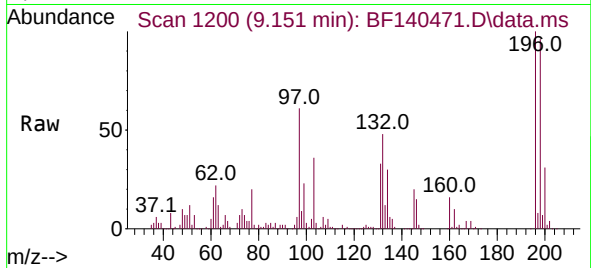




#43
2,4,6-Trichlorophenol
Concen: 50.837 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

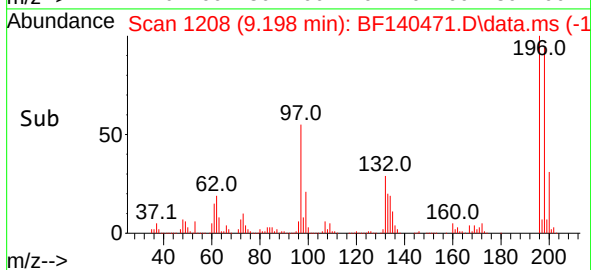
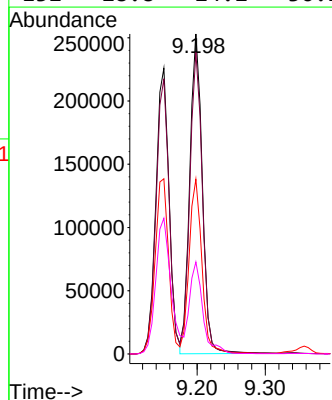
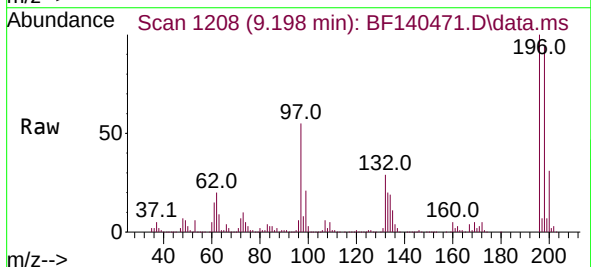
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

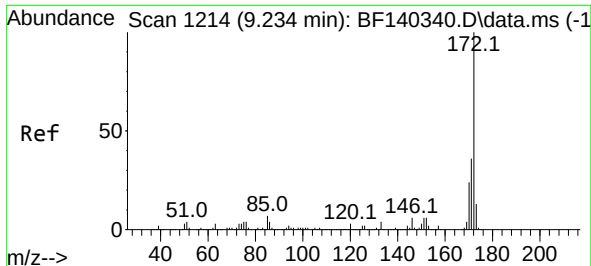
Tgt Ion:196 Resp: 304343
Ion Ratio Lower Upper
196 100
198 96.3 77.0 115.4
200 30.7 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 49.063 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:196 Resp: 321133
Ion Ratio Lower Upper
196 100
198 94.2 77.6 116.4
97 54.6 45.4 68.2
132 28.8 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 78.058 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

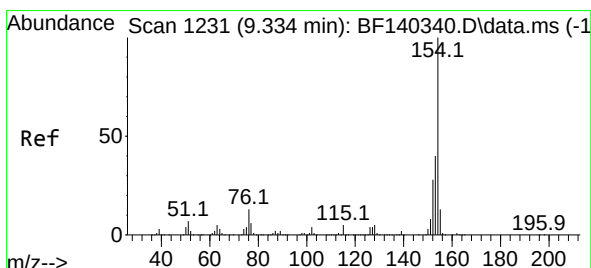
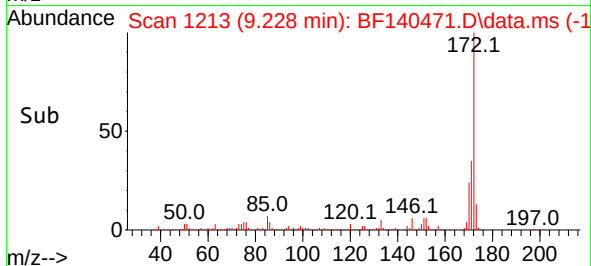
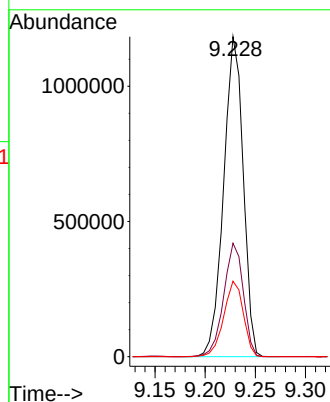
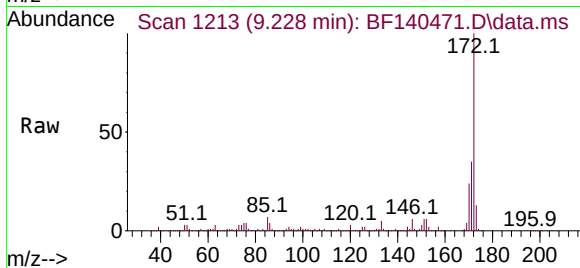
Tgt Ion:172 Resp: 1601811

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 49.618 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

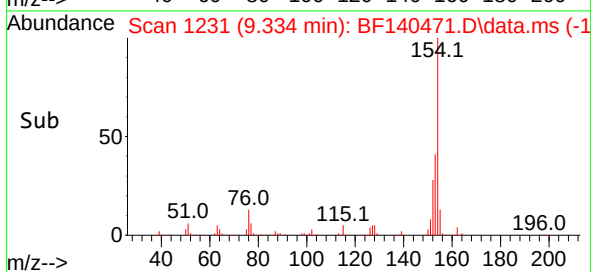
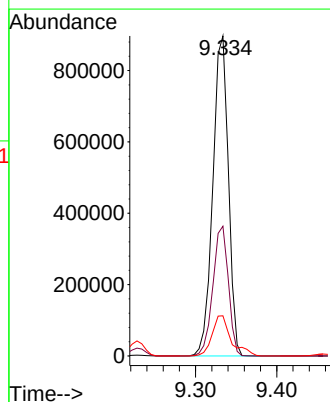
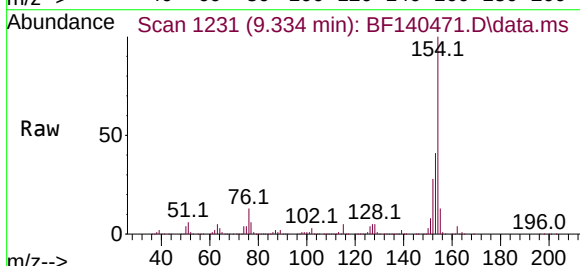
Tgt Ion:154 Resp: 1190763

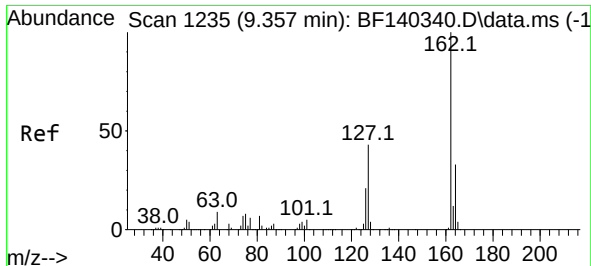
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 12.5 0.0 32.9

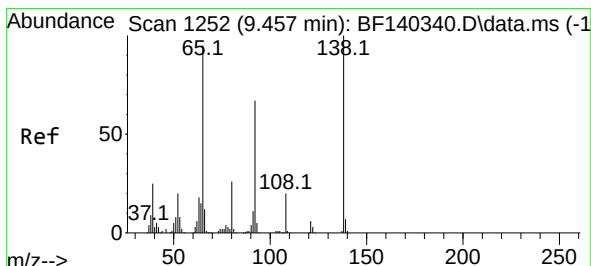
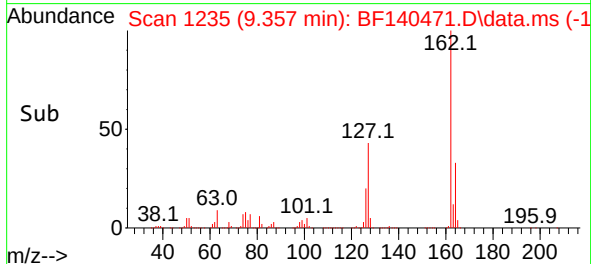
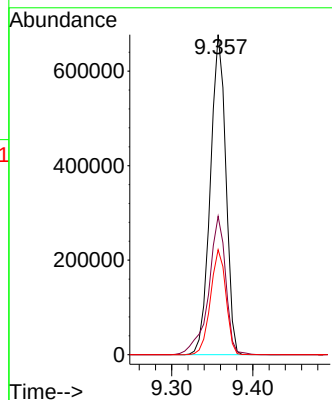
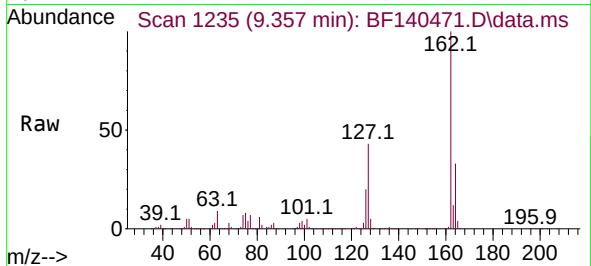




#47
2-Chloronaphthalene
Concen: 49.030 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

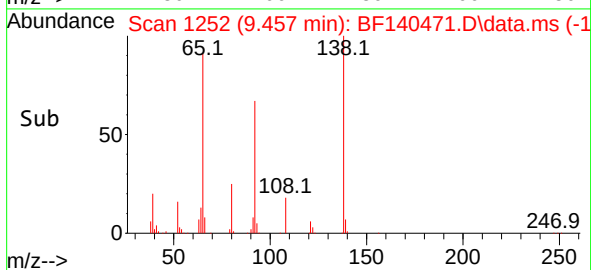
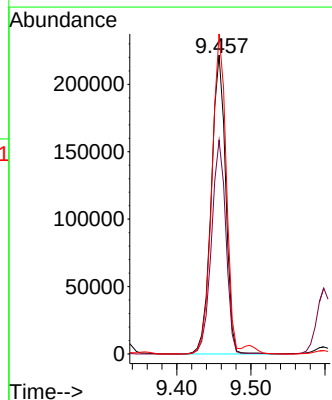
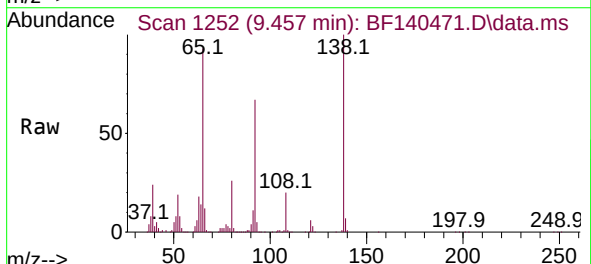
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

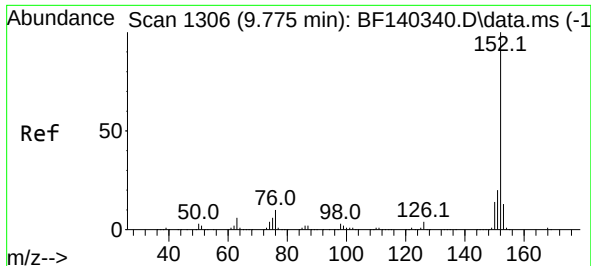
Tgt Ion:162 Resp: 896328
Ion Ratio Lower Upper
162 100
127 43.3 34.0 51.0
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 49.269 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 65 Resp: 298711
Ion Ratio Lower Upper
65 100
92 71.5 56.4 84.6
138 107.1 84.8 127.2





#49

Acenaphthylene

Concen: 52.248 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

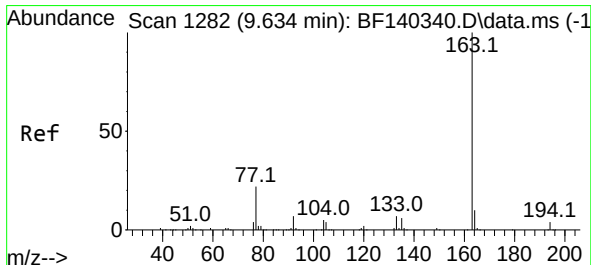
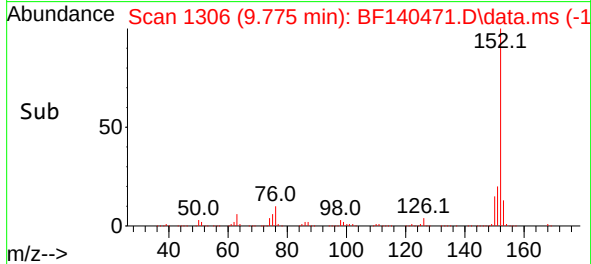
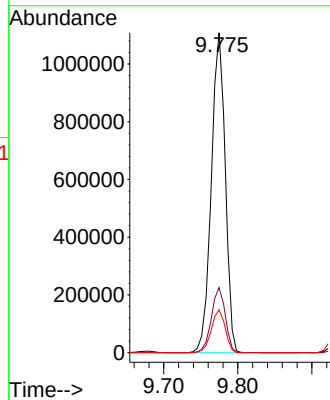
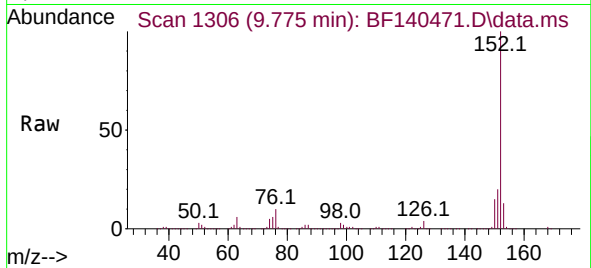
Tgt Ion:152 Resp: 1445166

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 51.252 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

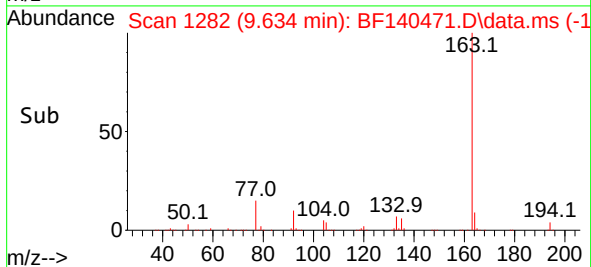
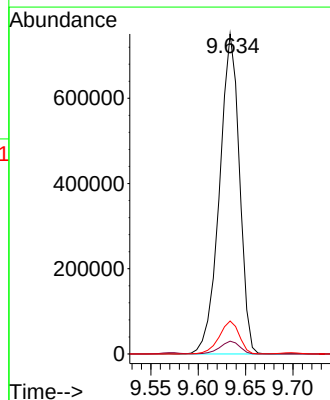
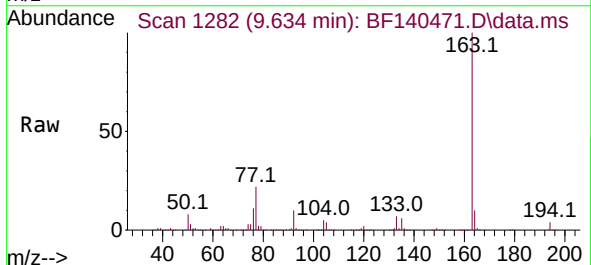
Tgt Ion:163 Resp: 1102017

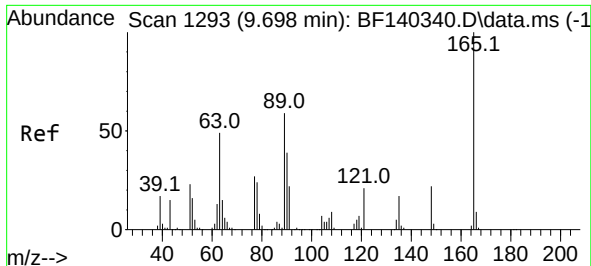
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 48.283 ng

RT: 9.698 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

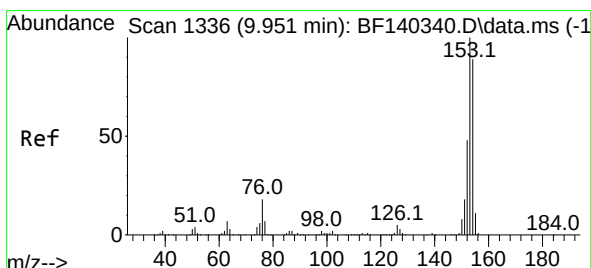
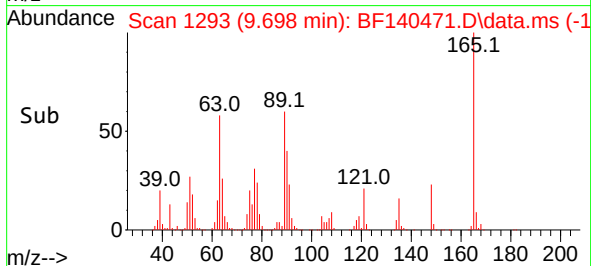
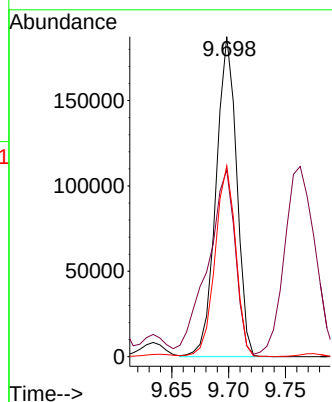
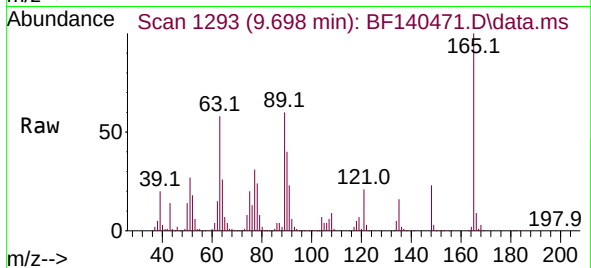
Tgt Ion:165 Resp: 236680

Ion Ratio Lower Upper

165 100

63 58.3 47.6 71.4

89 59.7 48.1 72.1



#52

Acenaphthene

Concen: 55.553 ng m

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

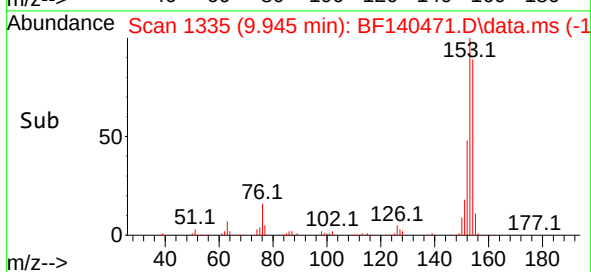
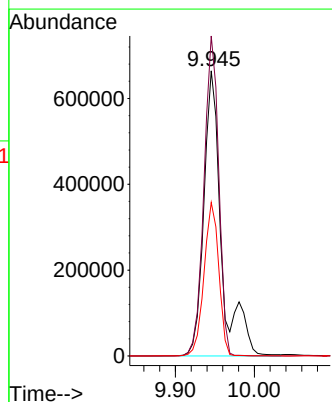
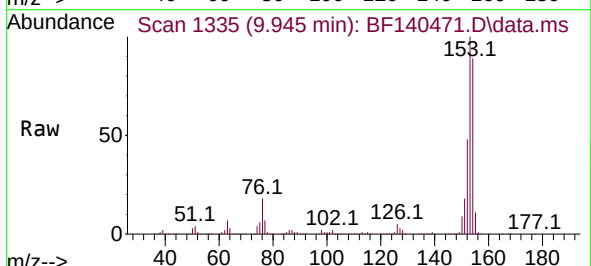
Tgt Ion:154 Resp: 1037837

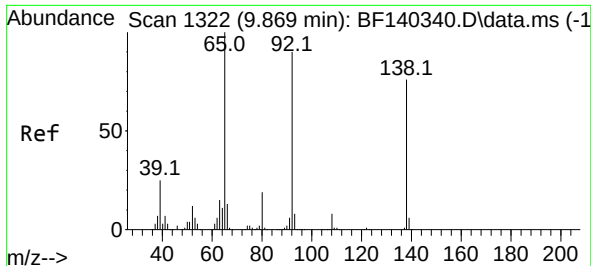
Ion Ratio Lower Upper

154 100

153 112.2 89.8 134.8

152 53.8 42.6 64.0

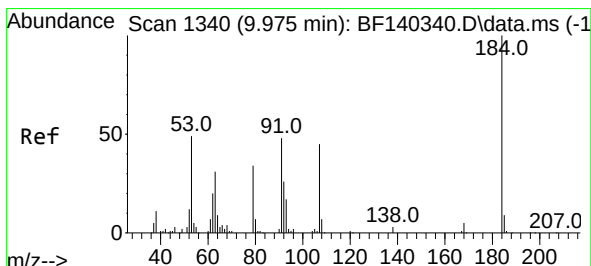
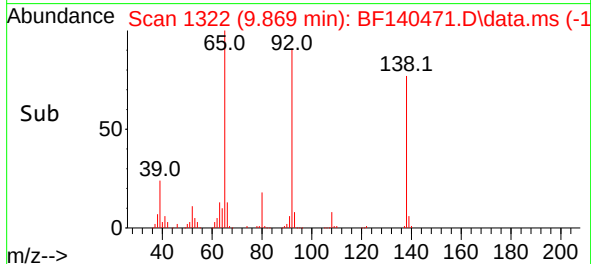
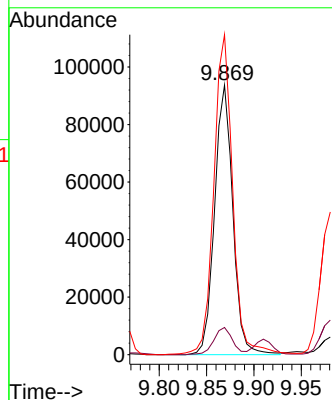
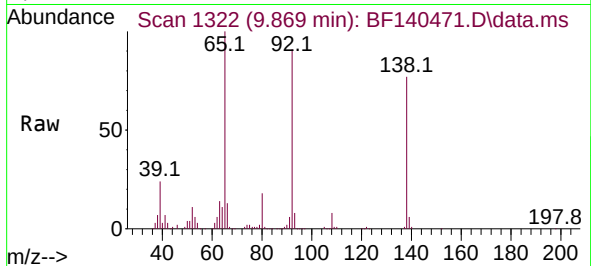




#53
3-Nitroaniline
Concen: 24.398 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

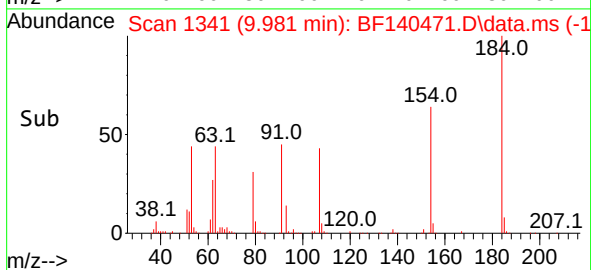
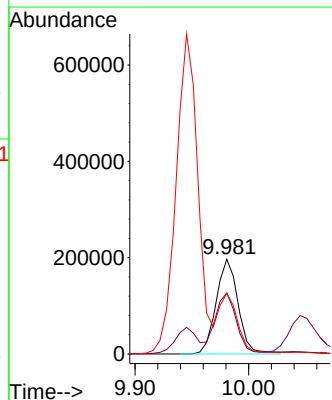
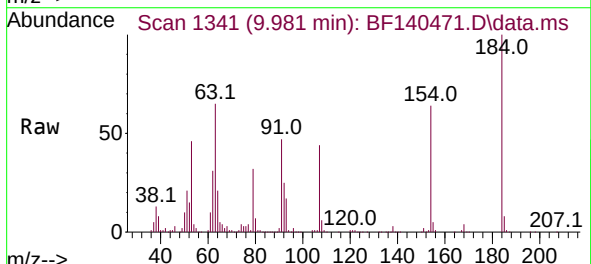
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

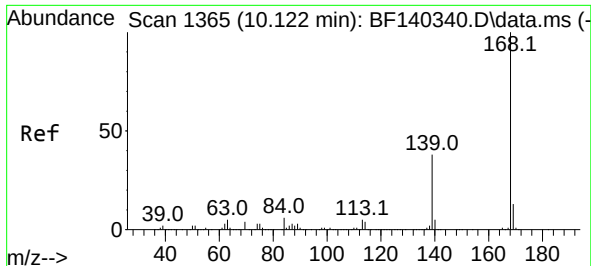
Tgt Ion:138 Resp: 125600
Ion Ratio Lower Upper
138 100
108 10.1 8.4 12.6
92 118.7 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 104.986 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:184 Resp: 265386
Ion Ratio Lower Upper
184 100
63 64.5 53.5 80.3
154 64.1 51.3 76.9

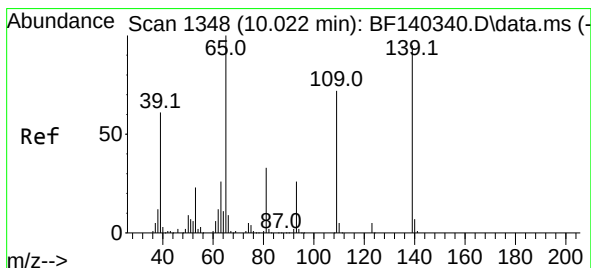
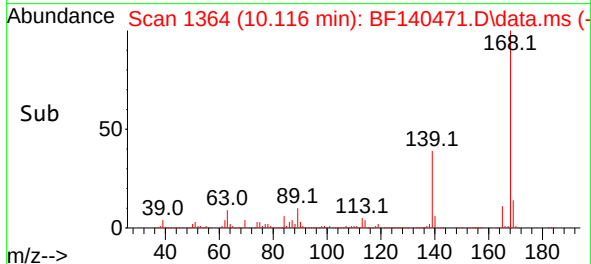
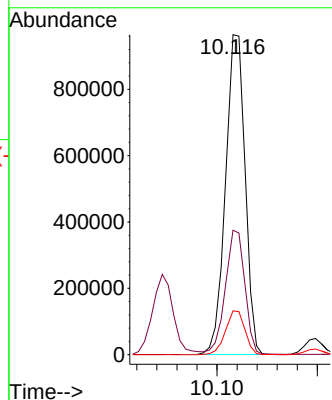
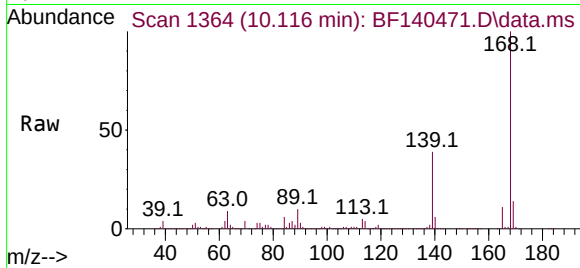




#55
Dibenzenofuran
Concen: 49.484 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

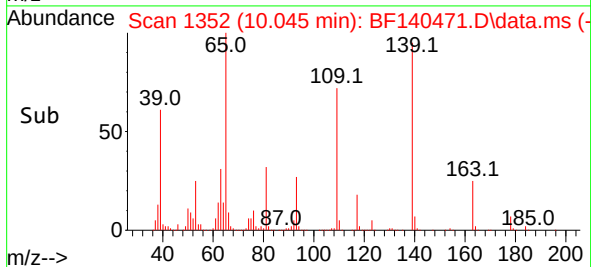
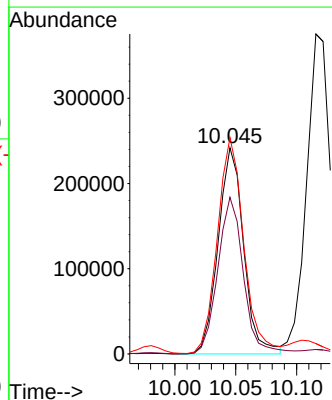
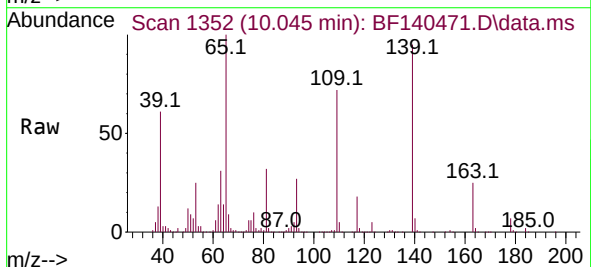
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

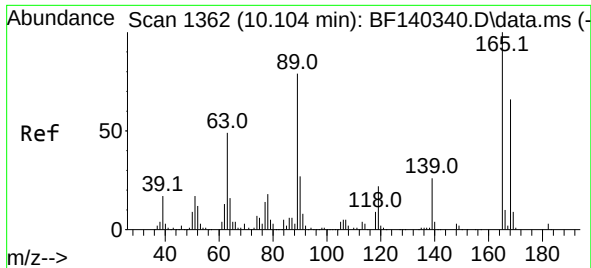
Tgt Ion:168 Resp: 1308667
Ion Ratio Lower Upper
168 100
139 38.9 30.8 46.2
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 93.830 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:139 Resp: 352328
Ion Ratio Lower Upper
139 100
109 76.0 54.5 94.5
65 104.9 84.4 124.4

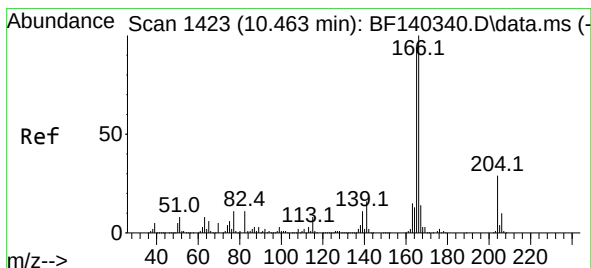
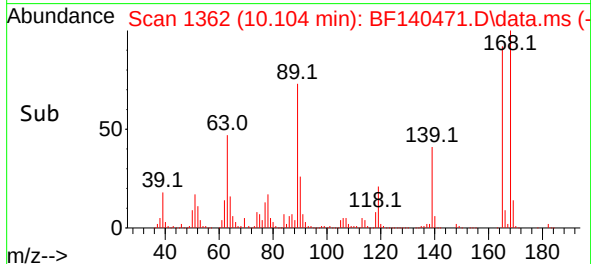
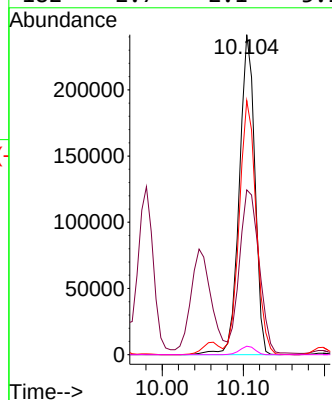
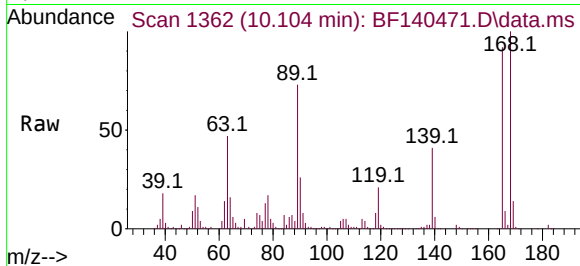




#57
2,4-Dinitrotoluene
Concen: 49.668 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

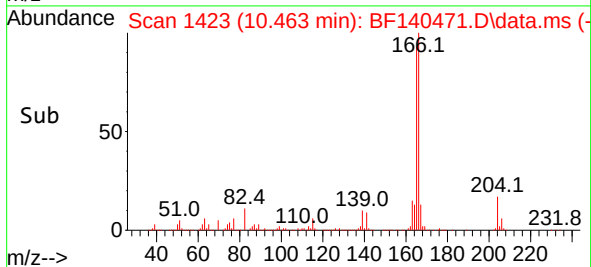
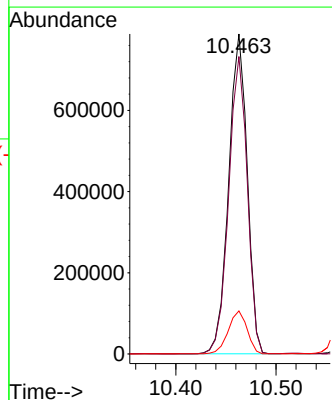
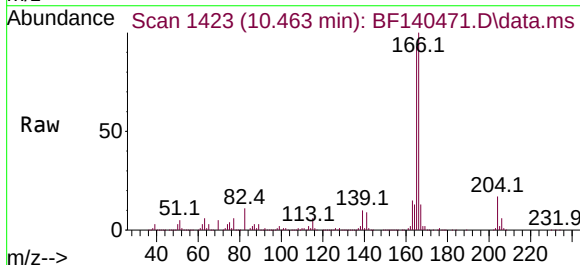
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

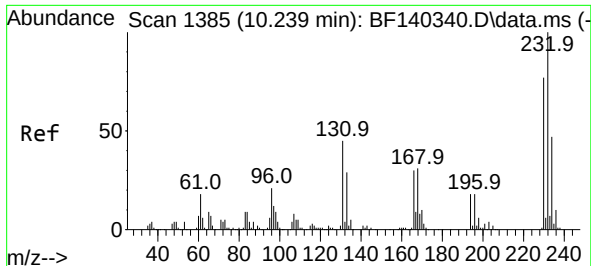
Tgt Ion:165 Resp: 320430
Ion Ratio Lower Upper
165 100
63 51.5 39.4 59.0
89 79.4 62.4 93.6
182 2.7 2.1 3.1



#58
Fluorene
Concen: 48.359 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:166 Resp: 1010321
Ion Ratio Lower Upper
166 100
165 93.0 73.9 110.9
167 13.5 10.9 16.3



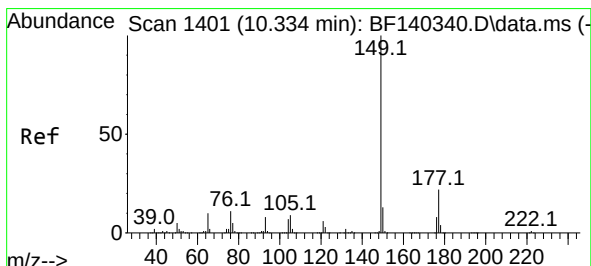
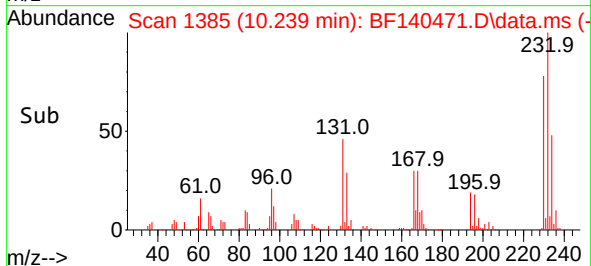
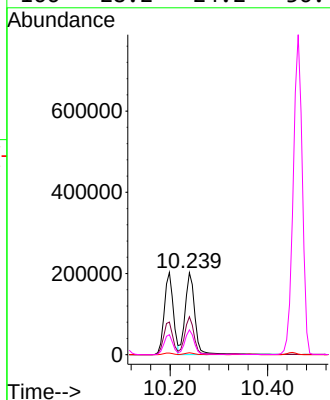
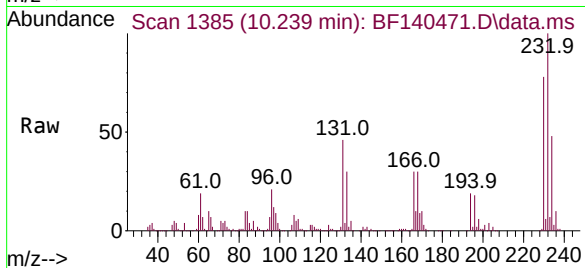


#59
2,3,4,6-Tetrachlorophenol
Concen: 53.696 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Instrument :
BNA_F
ClientSampleId :
COMP-3MS

Tgt Ion:232 Resp: 277506

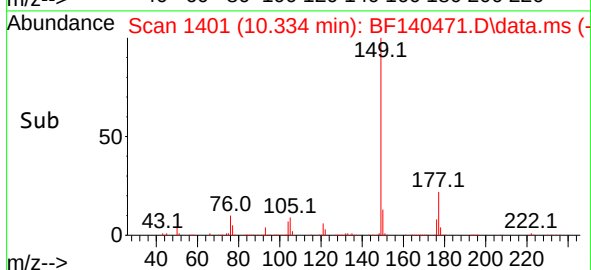
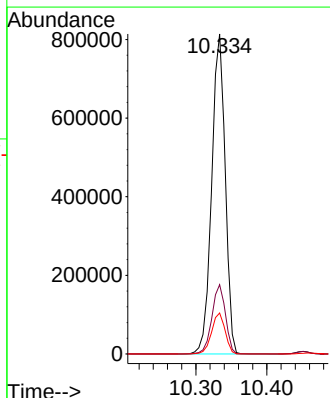
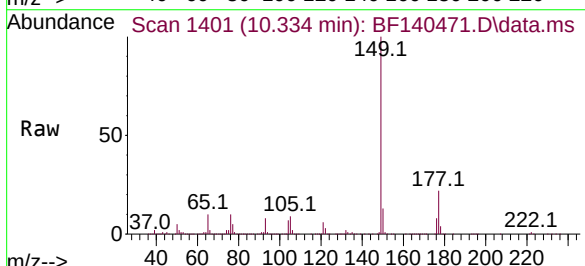
Ion	Ratio	Lower	Upper
232	100		
131	44.8	36.8	55.2
130	2.1	1.9	2.9
166	28.2	24.2	36.4

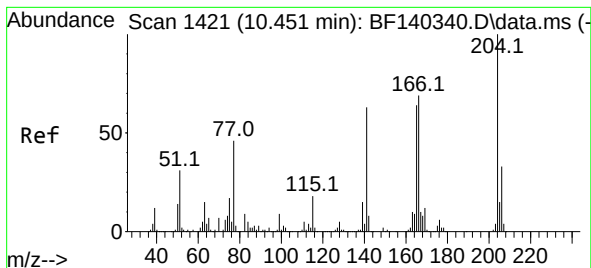


#60
Diethylphthalate
Concen: 48.897 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:149 Resp: 1075092

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.8	10.1	15.1

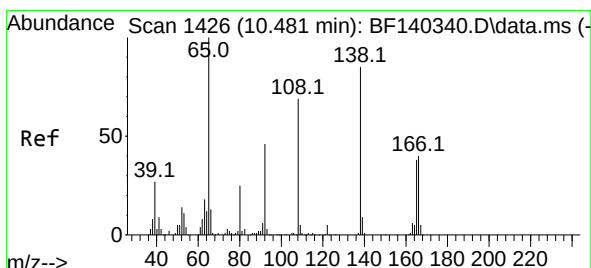
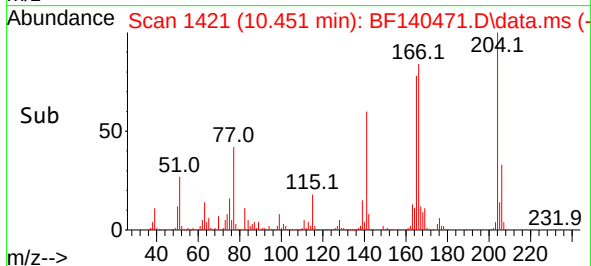
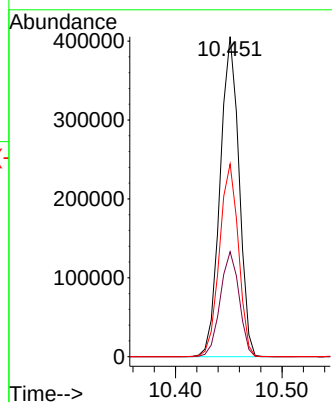
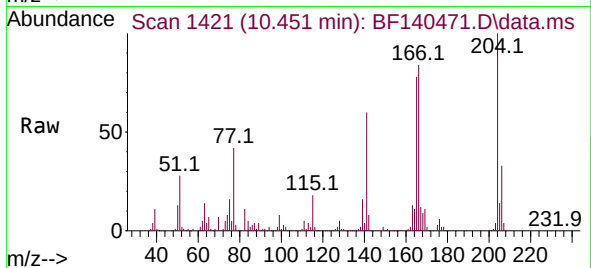




#61
4-Chlorophenyl-phenylether
Concen: 48.439 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

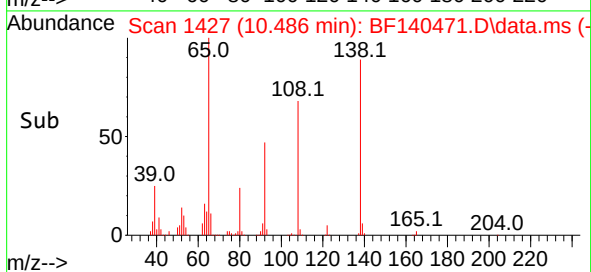
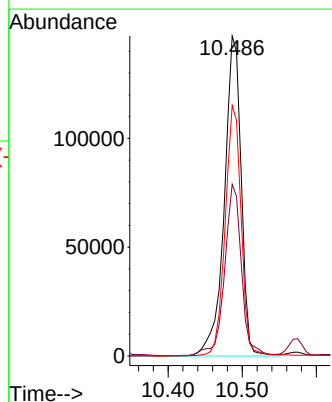
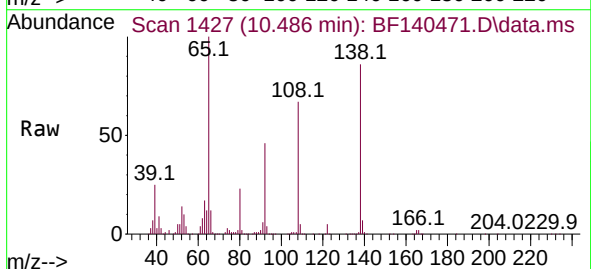
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

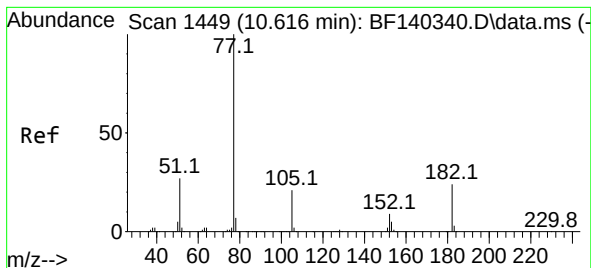
Tgt Ion:204 Resp: 499623
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 60.2 49.8 74.8



#62
4-Nitroaniline
Concen: 44.179 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:138 Resp: 232546
Ion Ratio Lower Upper
138 100
92 53.6 33.8 73.8
108 78.3 59.9 99.9



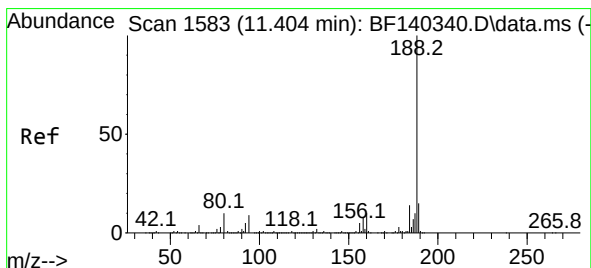
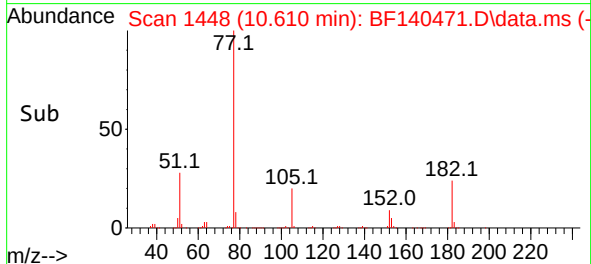
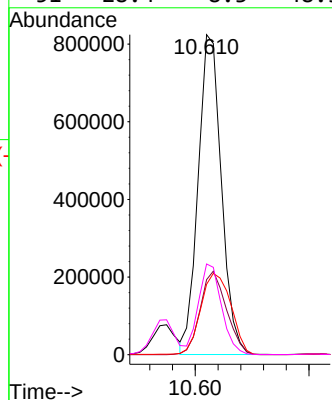
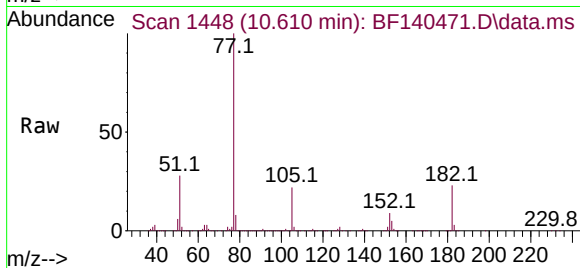


#63
Azobenzene
Concen: 53.897 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Instrument :
BNA_F
ClientSampleId :
COMP-3MS

Tgt Ion: 77 Resp: 1170866

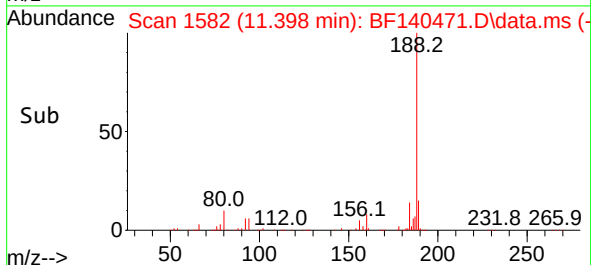
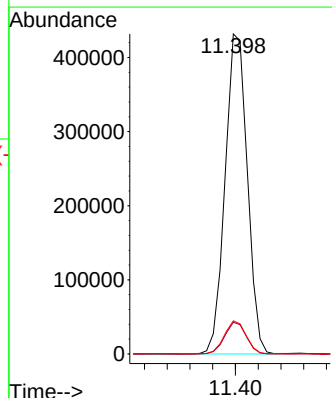
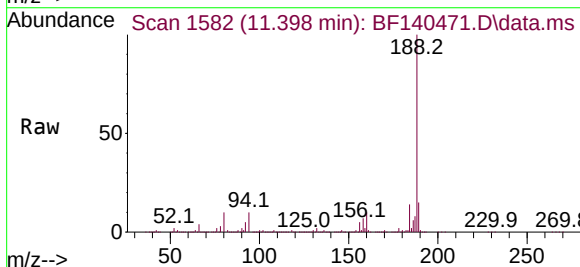
Ion	Ratio	Lower	Upper
77	100		
182	23.4	4.6	44.6
105	22.0	0.9	40.9
51	28.4	8.3	48.3

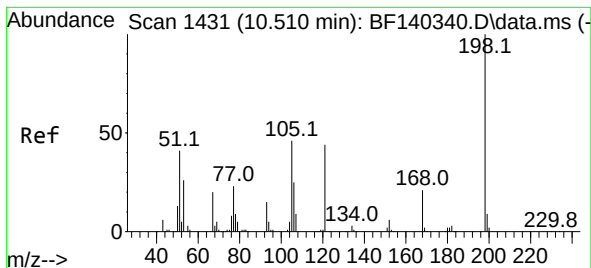


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 188 Resp: 587430

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.6	11.4
80	10.4	8.0	12.0

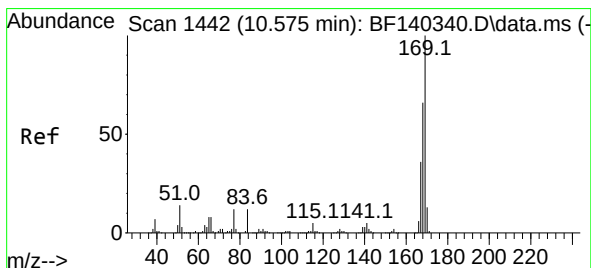
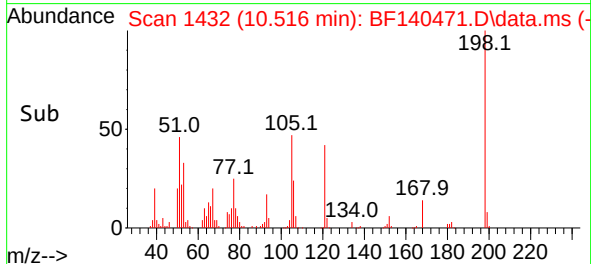
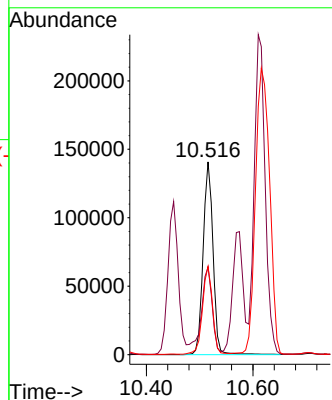
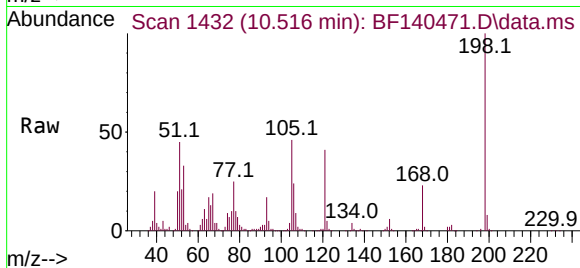




#65
4,6-Dinitro-2-methylphenol
Concen: 57.487 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

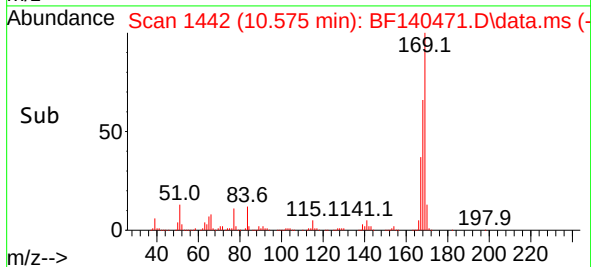
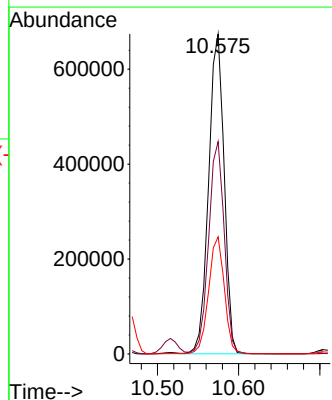
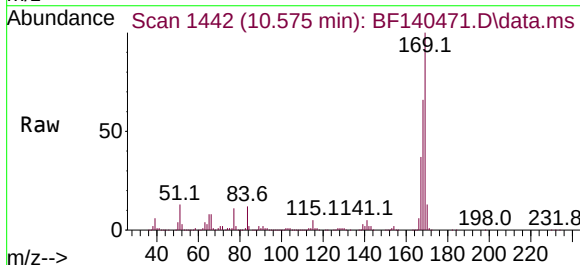
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

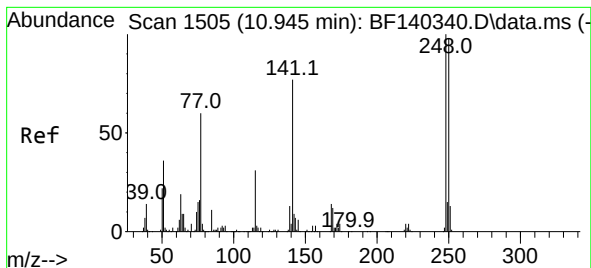
Tgt Ion:198 Resp: 181689
Ion Ratio Lower Upper
198 100
51 45.5 29.7 69.7
105 45.7 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 52.476 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:169 Resp: 890665
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 36.6 29.3 43.9

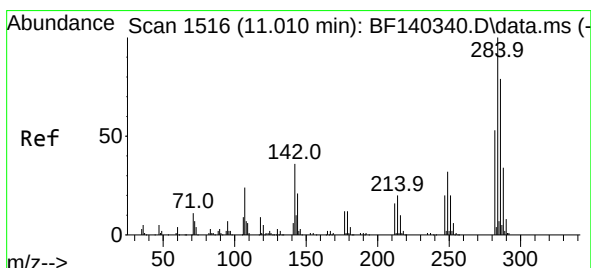
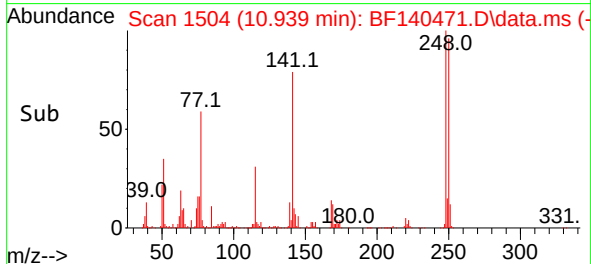
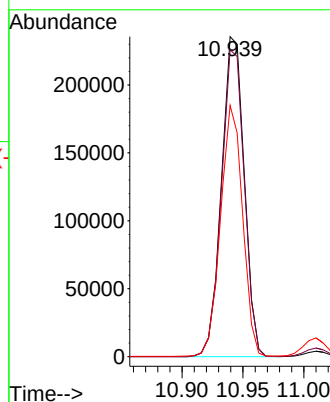
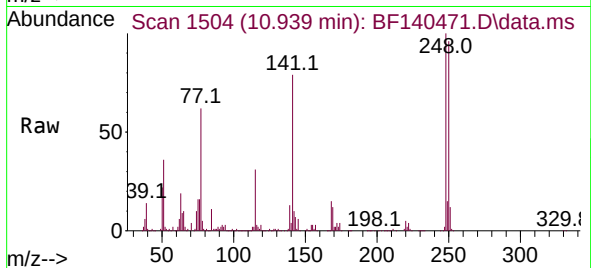




#67
4-Bromophenyl-phenylether
Concen: 52.224 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

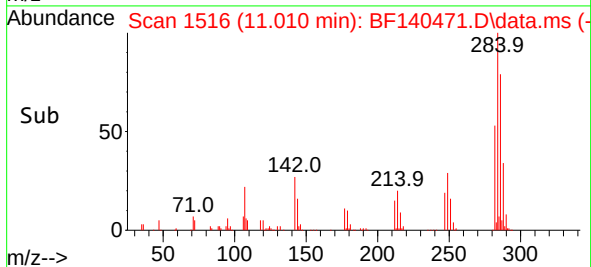
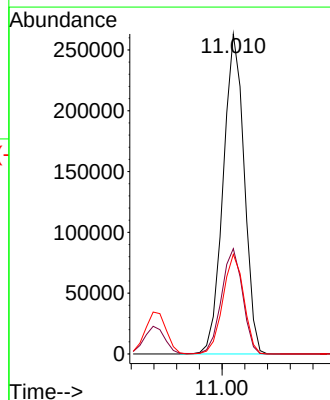
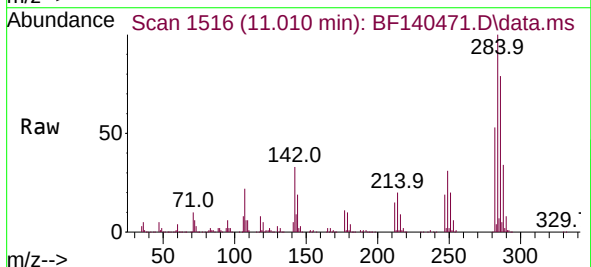
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

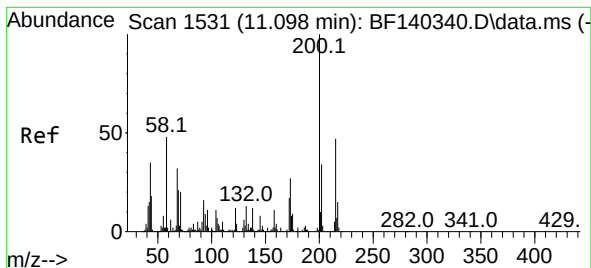
Tgt Ion:248 Resp: 306660
Ion Ratio Lower Upper
248 100
250 95.9 77.9 116.9
141 78.5 61.8 92.6



#68
Hexachlorobenzene
Concen: 51.142 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:284 Resp: 337885
Ion Ratio Lower Upper
284 100
142 32.9 28.1 42.1
249 31.2 24.9 37.3





#69

Atrazine

Concen: 55.618 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

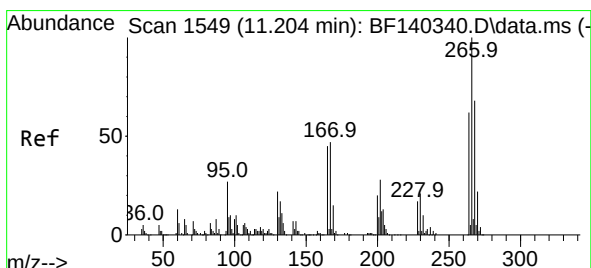
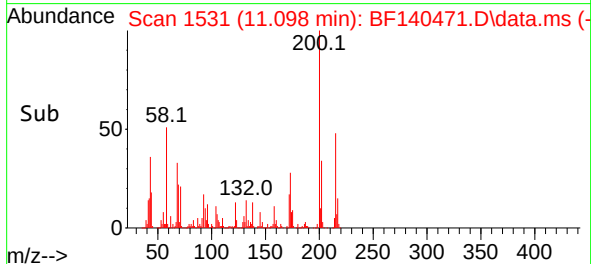
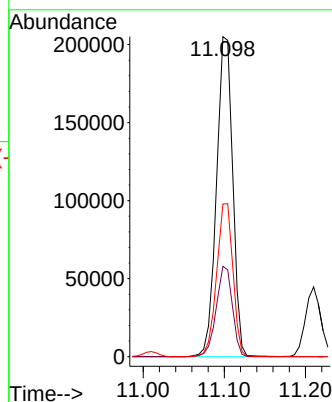
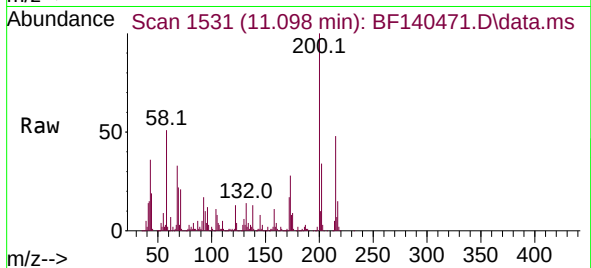
Tgt Ion:200 Resp: 285602

Ion Ratio Lower Upper

200 100

173 28.3 6.6 46.6

215 47.7 27.2 67.2



#70

Pentachlorophenol

Concen: 94.970 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

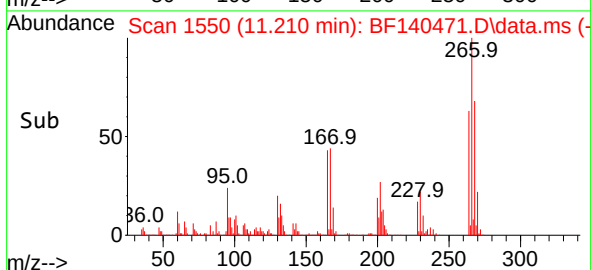
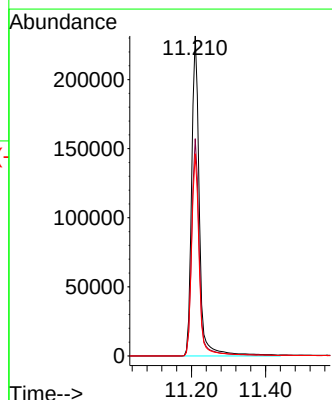
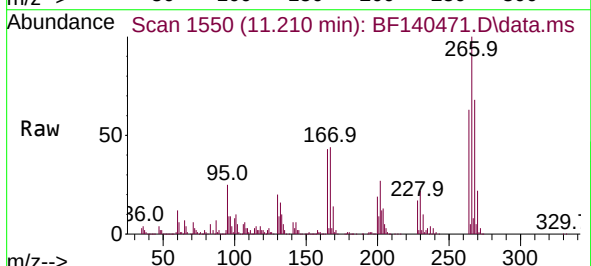
Tgt Ion:266 Resp: 337988

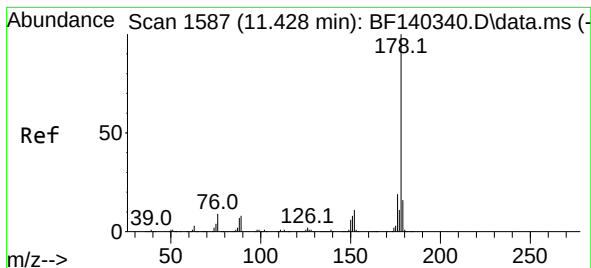
Ion Ratio Lower Upper

266 100

268 67.9 52.9 79.3

264 63.2 50.3 75.5





#71

Phenanthrene

Concen: 52.758 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

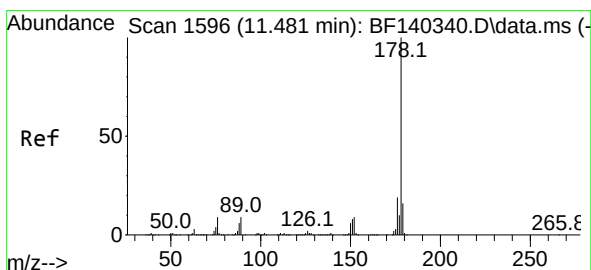
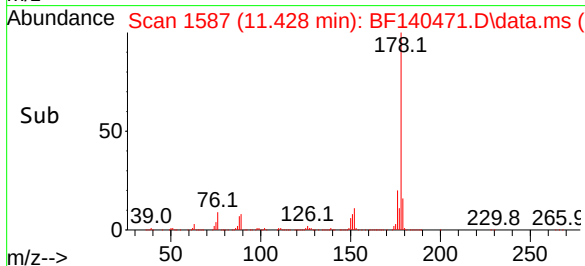
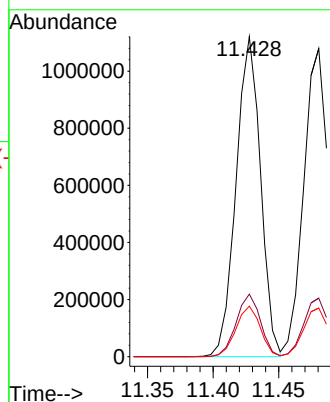
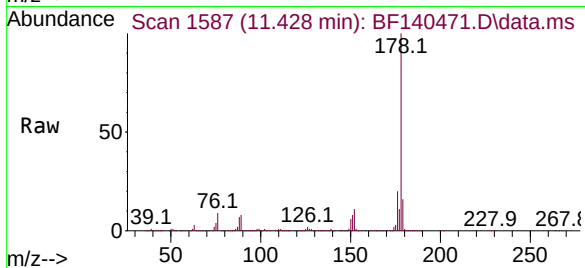
Tgt Ion:178 Resp: 1455837

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.8 12.4 18.6



#72

Anthracene

Concen: 52.032 ng

RT: 11.481 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

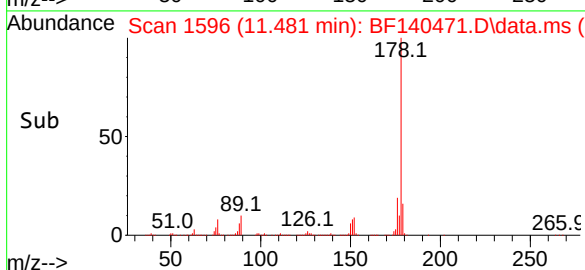
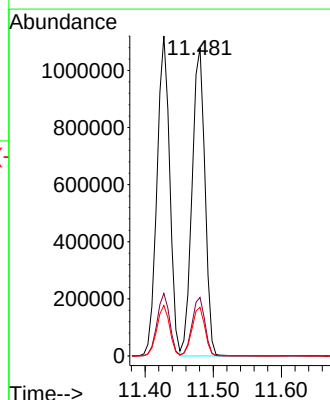
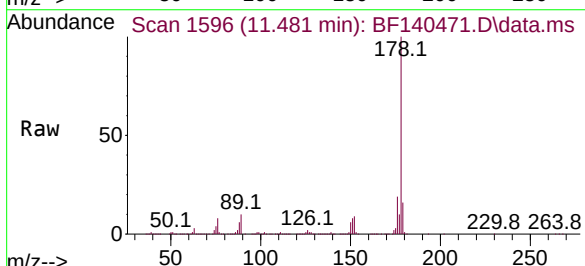
Tgt Ion:178 Resp: 1407194

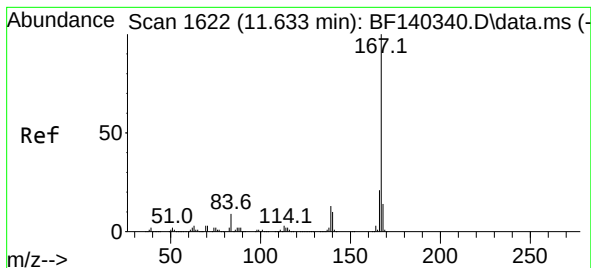
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.8 12.6 18.8





#73

Carbazole

Concen: 48.464 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

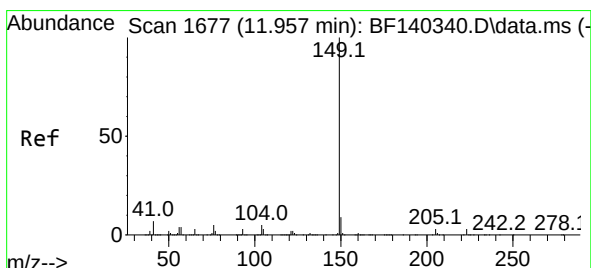
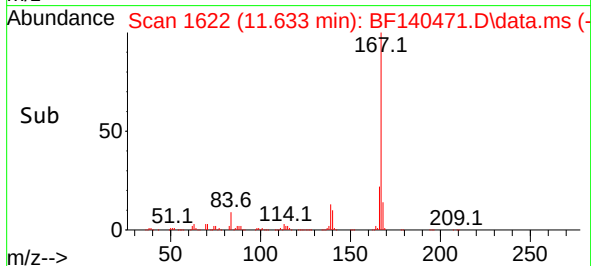
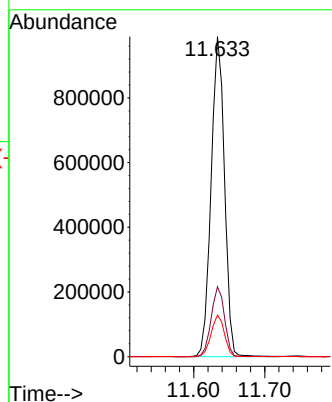
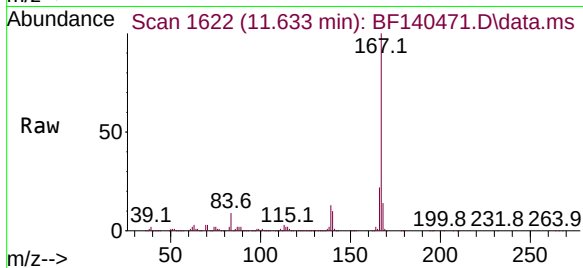
Tgt Ion:167 Resp: 1294193

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

139 13.0 10.4 15.6



#74

Di-n-butylphthalate

Concen: 49.188 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

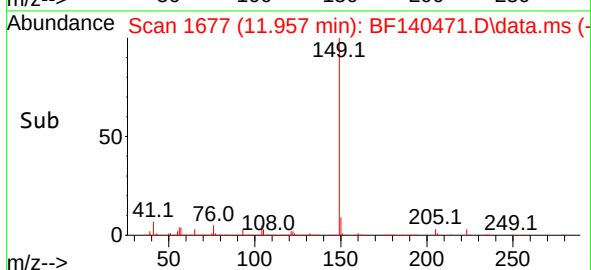
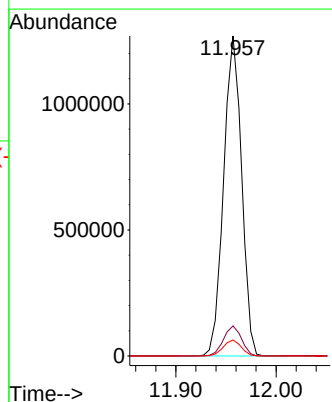
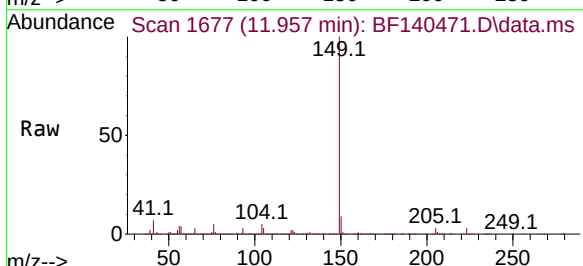
Tgt Ion:149 Resp: 1576494

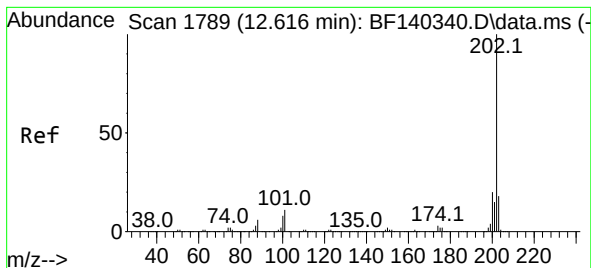
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 48.788 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

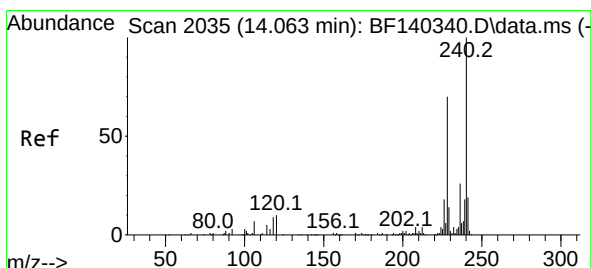
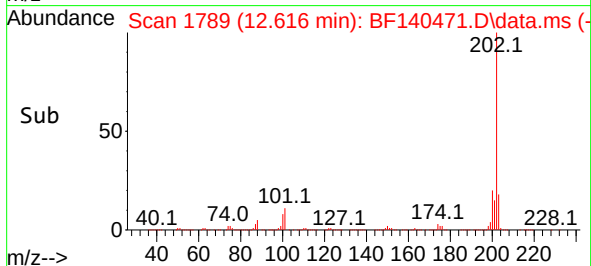
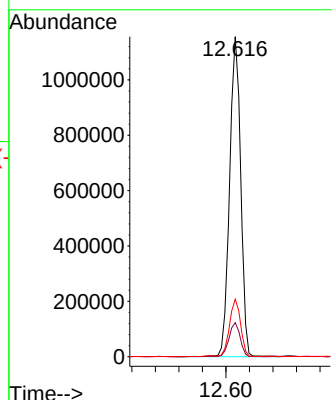
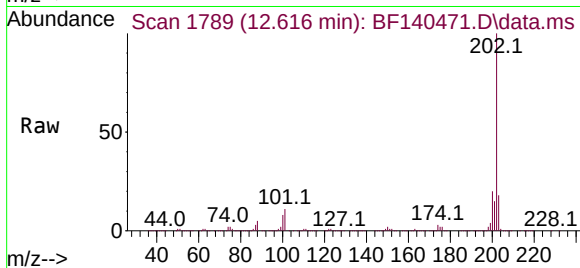
Tgt Ion:202 Resp: 1510430

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.7

203 17.9 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

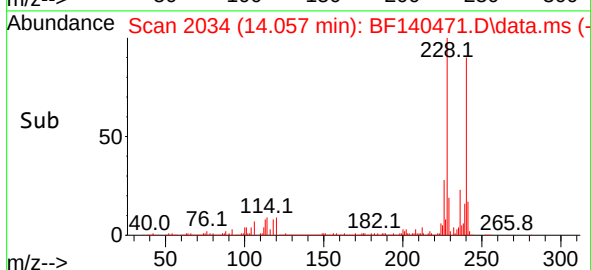
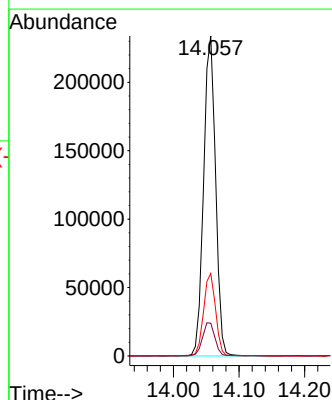
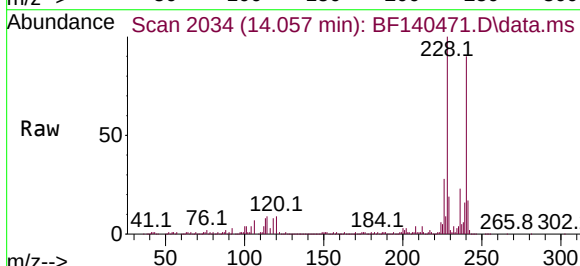
Tgt Ion:240 Resp: 297623

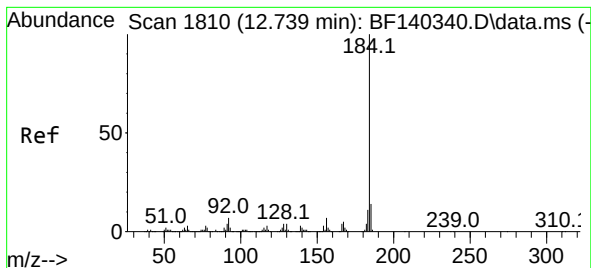
Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

236 25.8 20.9 31.3





#77

Benzidine

Concen: 17.252 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

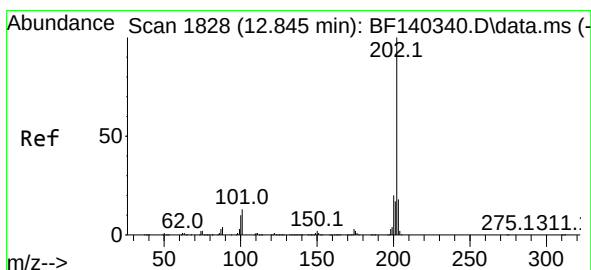
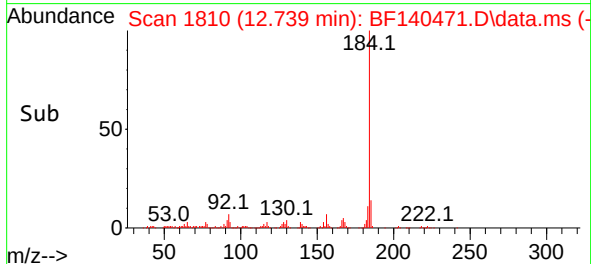
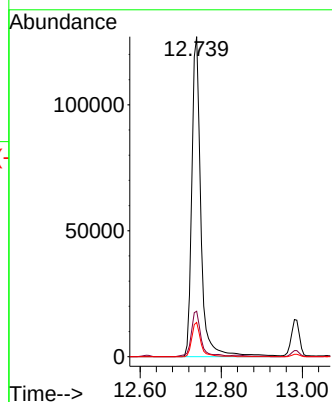
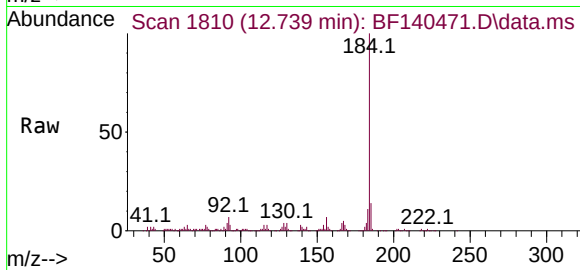
Tgt Ion:184 Resp: 197074

Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

183 10.7 8.6 13.0



#78

Pyrene

Concen: 58.977 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

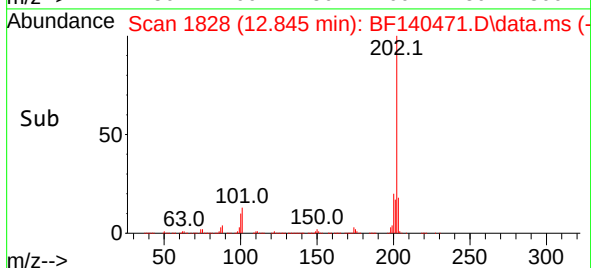
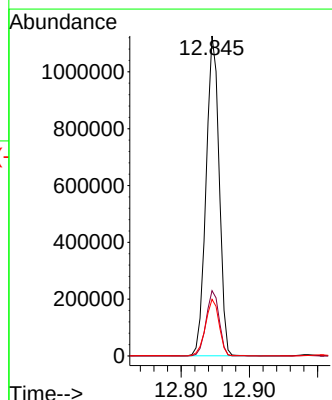
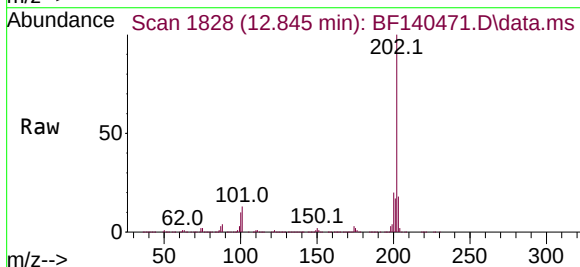
Tgt Ion:202 Resp: 1501419

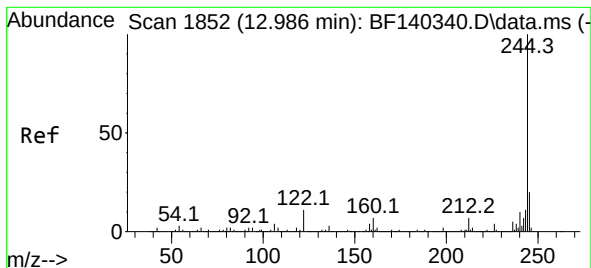
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 84.827 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140471.D

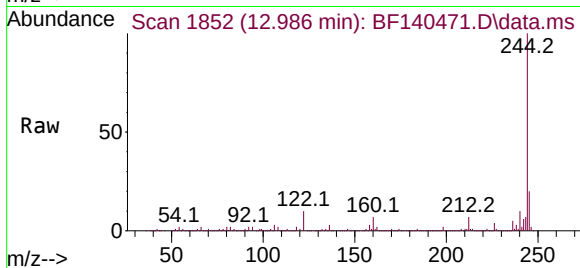
Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS



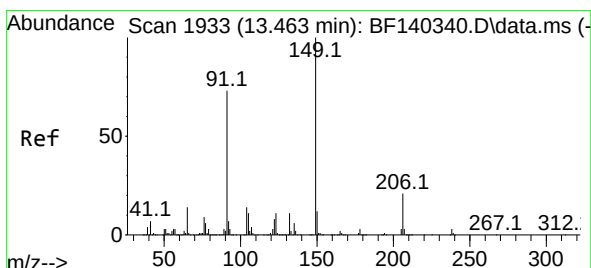
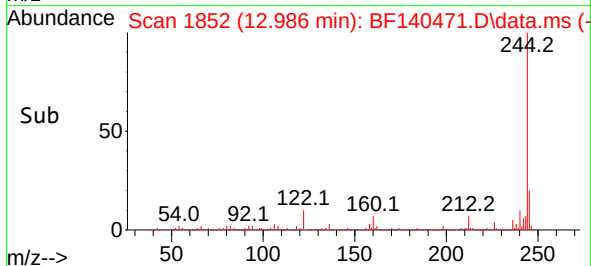
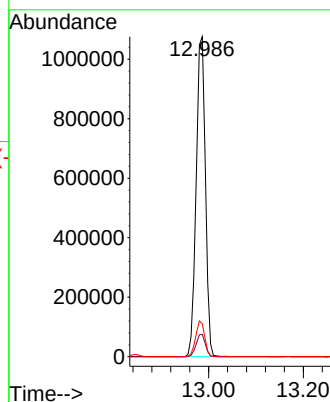
Tgt Ion:244 Resp: 1454456

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.3 8.8 13.2



#80

Butylbenzylphthalate

Concen: 56.722 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

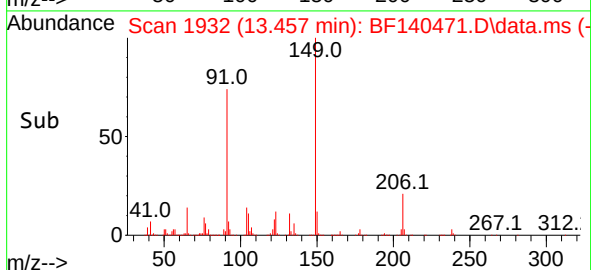
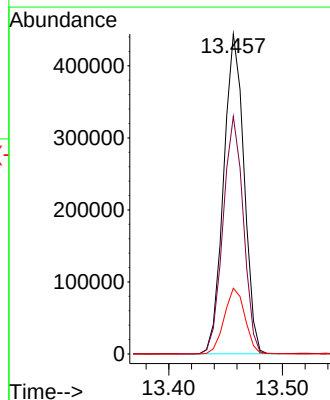
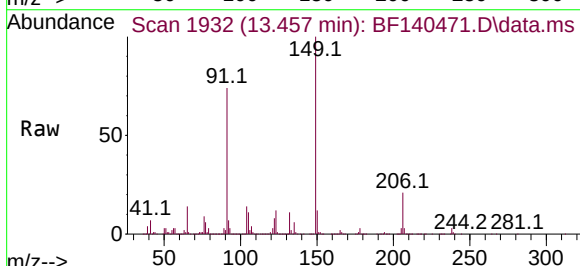
Tgt Ion:149 Resp: 554722

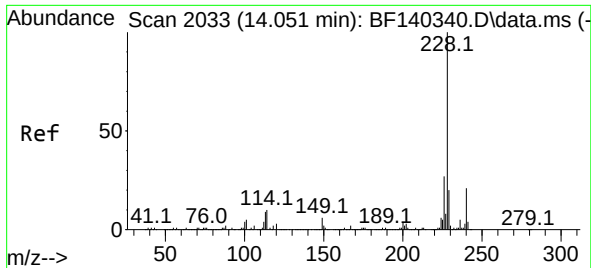
Ion Ratio Lower Upper

149 100

91 74.3 61.0 91.4

206 20.6 16.1 24.1

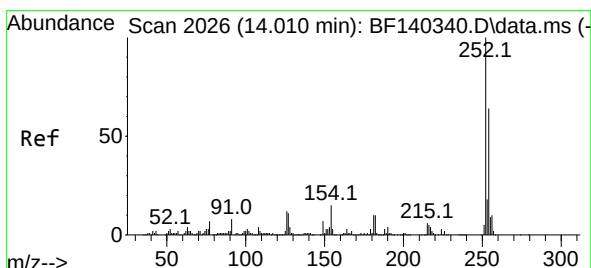
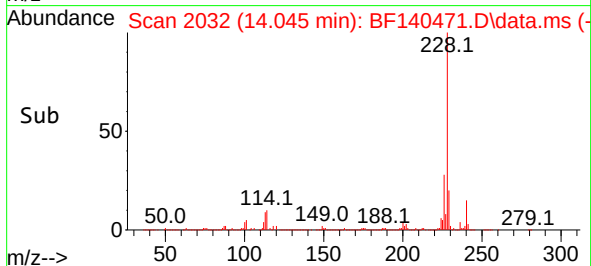
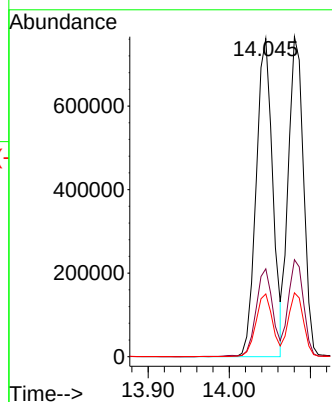
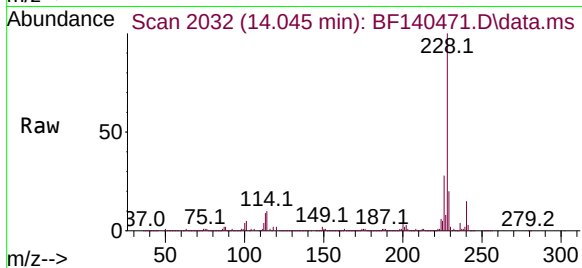




#81
Benzo(a)anthracene
Concen: 55.232 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

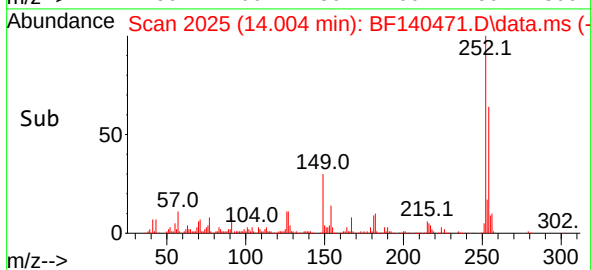
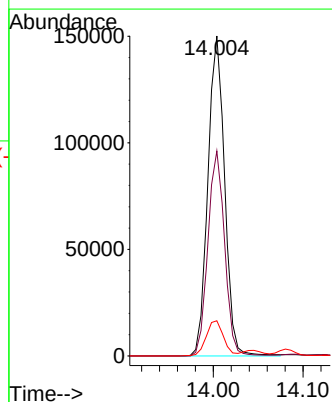
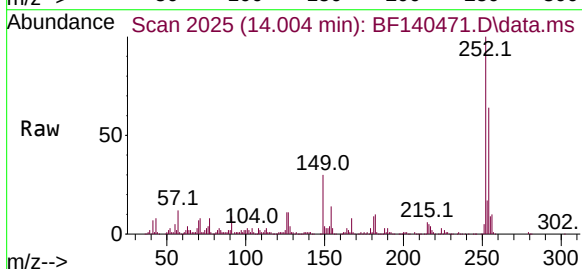
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

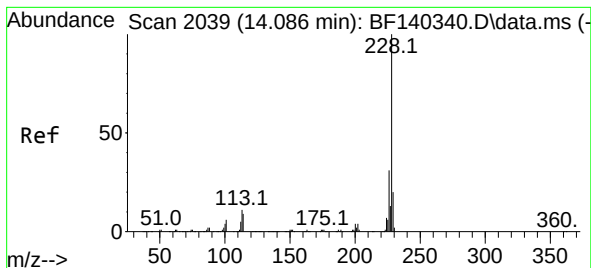
Tgt Ion:228 Resp: 1080364
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 31.329 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:252 Resp: 194781
Ion Ratio Lower Upper
252 100
254 64.1 51.4 77.2
126 11.0 9.4 14.0





#83

Chrysene

Concen: 55.384 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

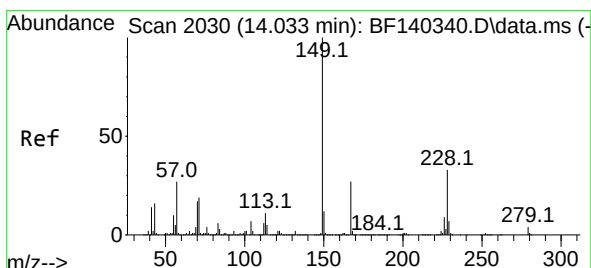
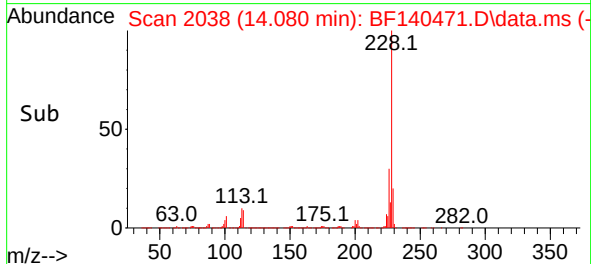
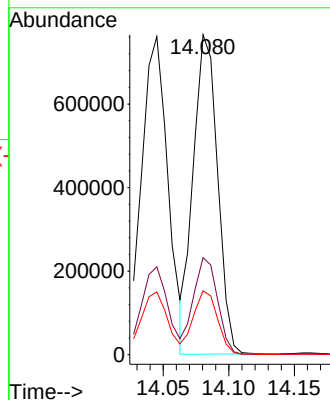
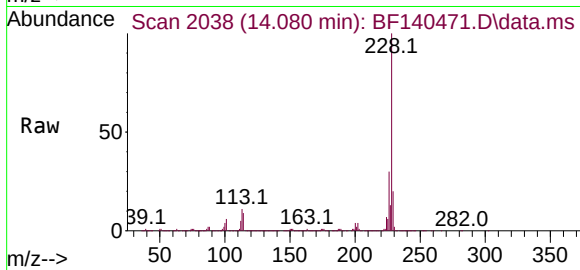
Tgt Ion:228 Resp: 988449

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.828 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

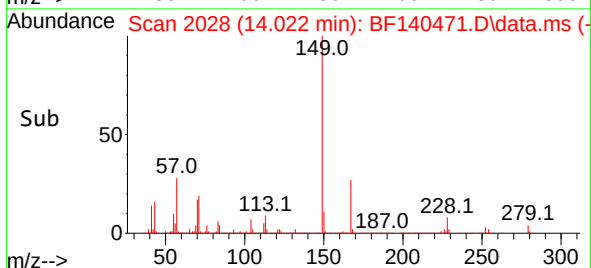
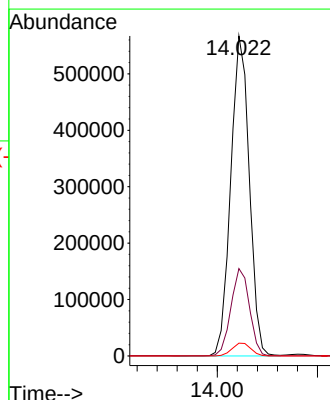
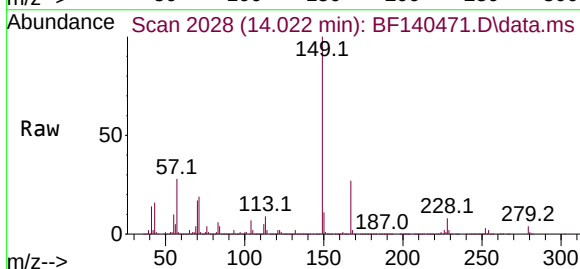
Tgt Ion:149 Resp: 728758

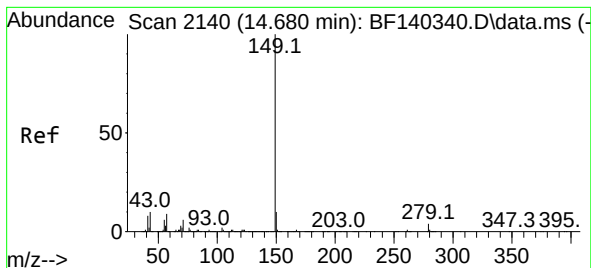
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 59.151 ng

RT: 14.663 min Scan# 2140

Delta R.T. 0.000 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

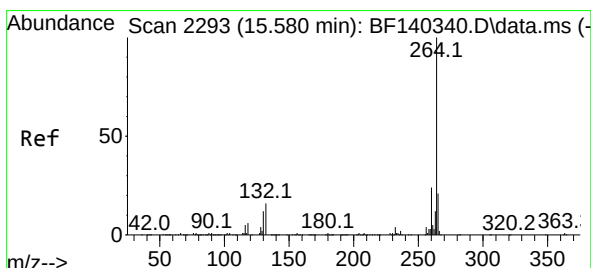
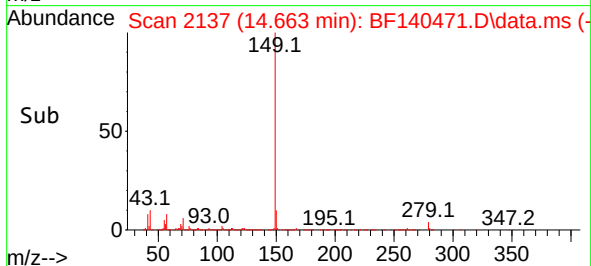
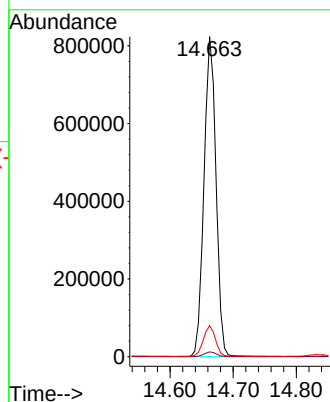
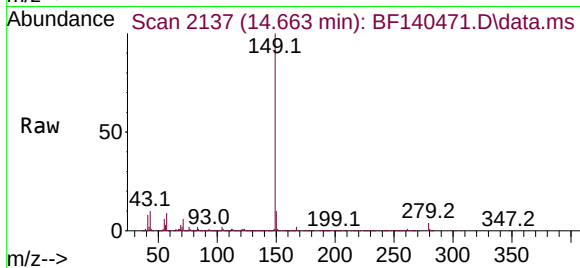
Tgt Ion:149 Resp: 1087473

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.6 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

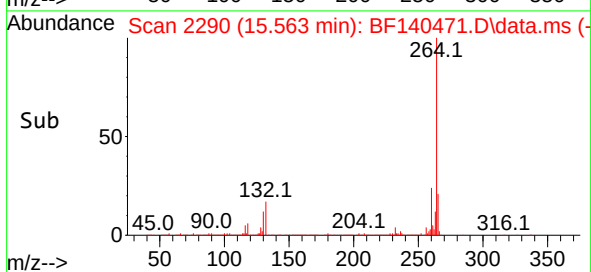
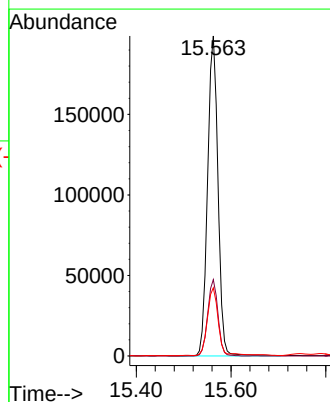
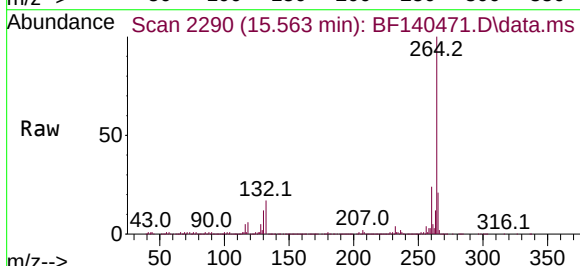
Tgt Ion:264 Resp: 301999

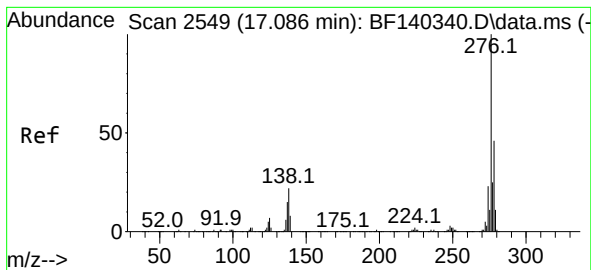
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.889 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

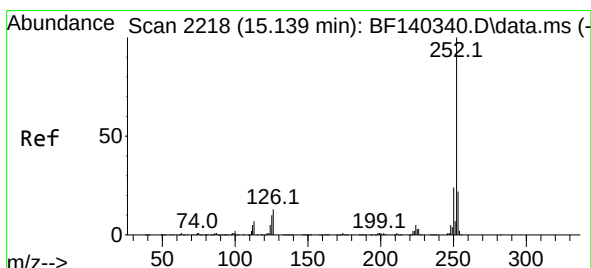
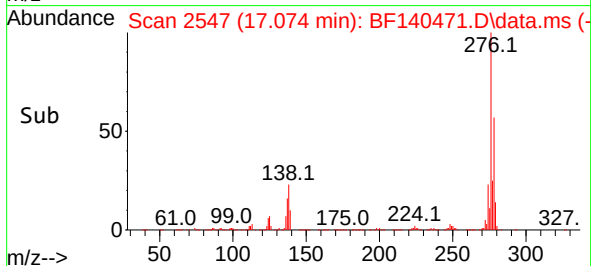
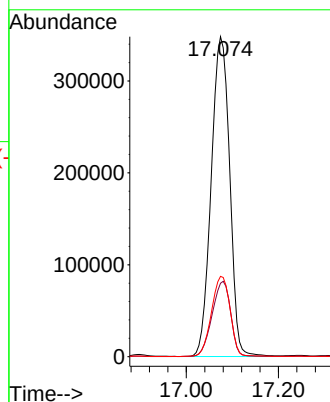
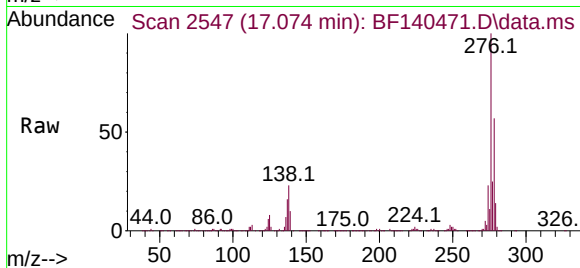
Tgt Ion:276 Resp: 968011

Ion Ratio Lower Upper

276 100

138 23.6 18.8 28.2

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.229 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

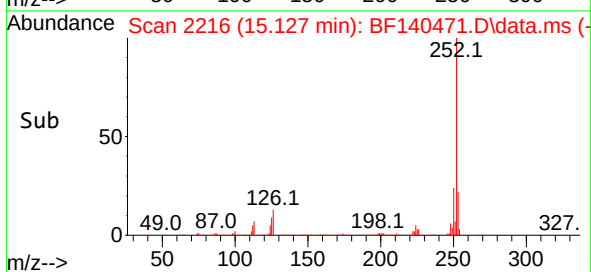
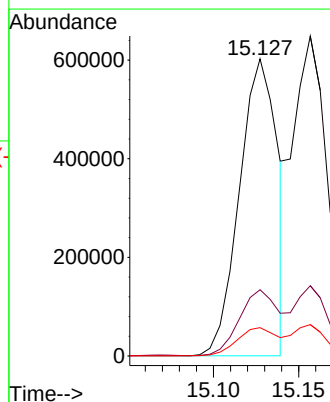
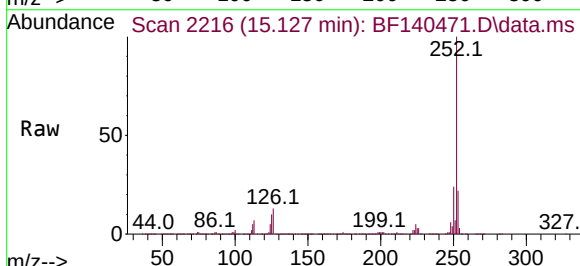
Tgt Ion:252 Resp: 933030

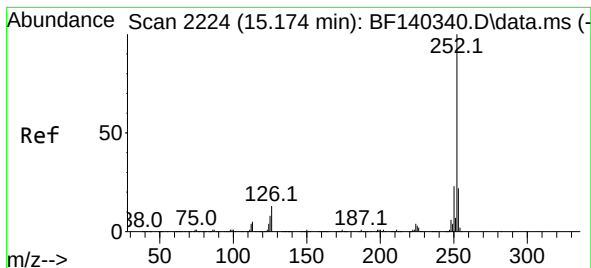
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 55.872 ng m

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

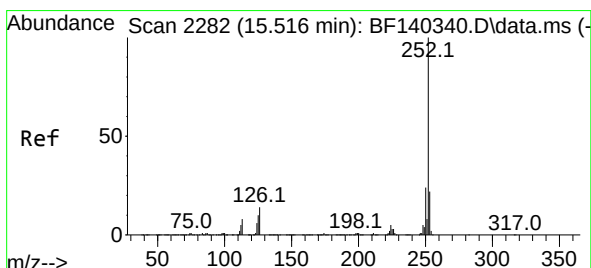
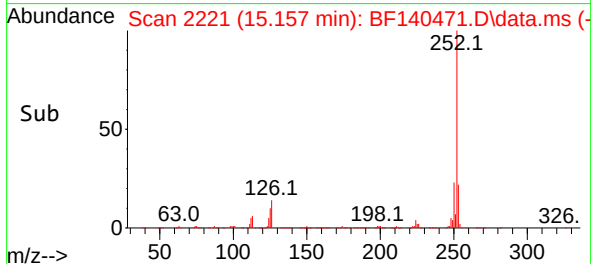
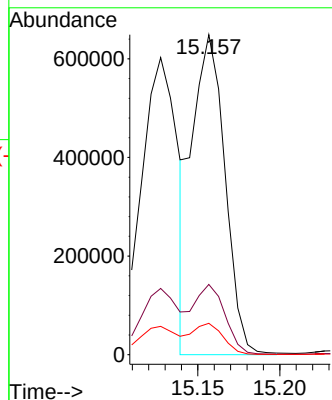
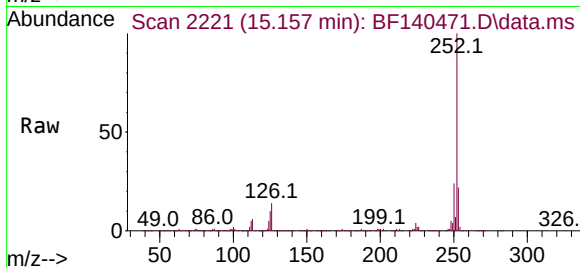
Tgt Ion:252 Resp: 901704

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 56.980 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF140471.D

Acq: 19 Nov 2024 14:13

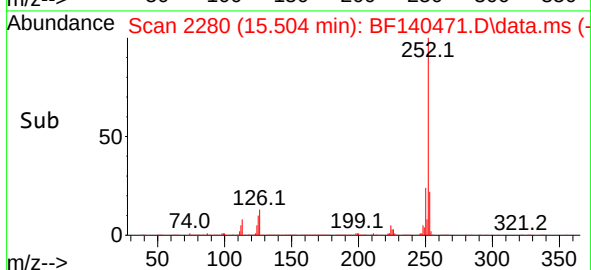
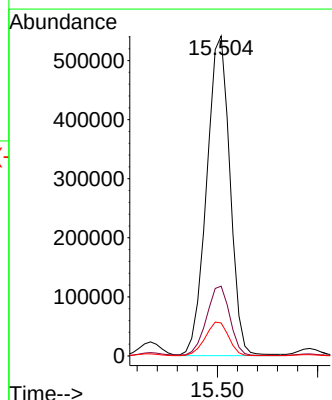
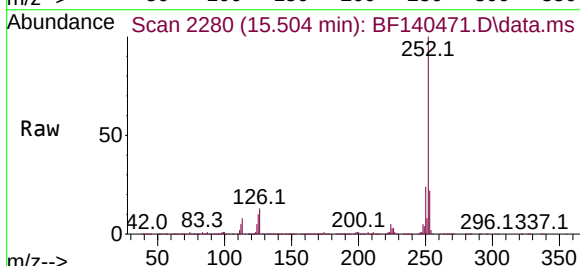
Tgt Ion:252 Resp: 874147

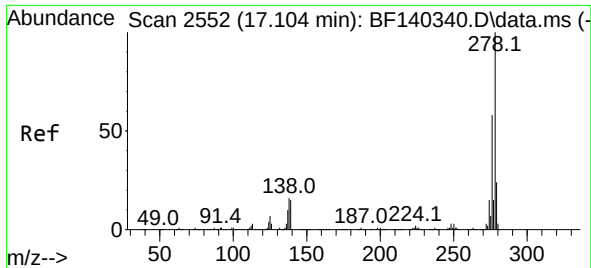
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 10.3 8.4 12.6

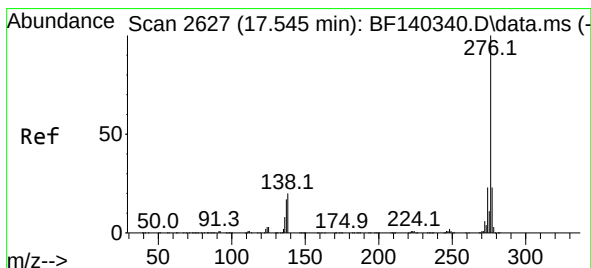
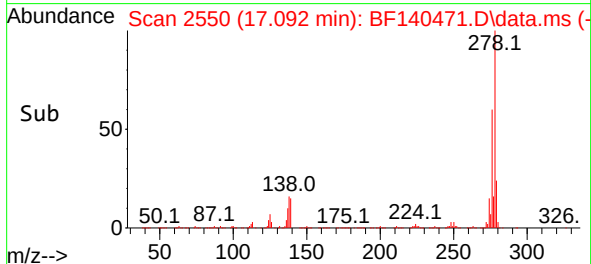
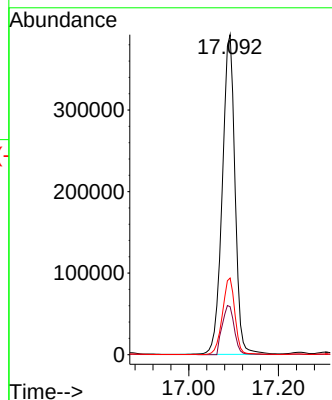
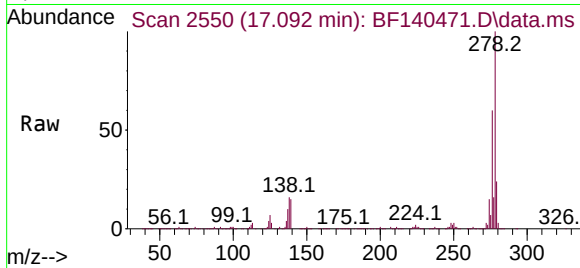




#91
Dibenzo(a,h)anthracene
Concen: 50.256 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Instrument :
BNA_F
ClientSampleId :
COMP-3MS

Tgt Ion:278 Resp: 774961
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.8
279 24.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 46.035 ng
RT: 17.527 min Scan# 2624
Delta R.T. 0.012 min
Lab File: BF140471.D
Acq: 19 Nov 2024 14:13

Tgt Ion:276 Resp: 725727
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 21.0 16.0 24.0

