

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140714.D
 Acq On : 03 Dec 2024 16:42
 Operator : RC/JU
 Sample : P5052-19MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63MS

Quant Time: Dec 03 17:02:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73179	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	271468	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	151961	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	284634	20.000	ng	0.00
76) Chrysene-d12	14.057	240	148106	20.000	ng	0.00
86) Perylene-d12	15.562	264	148978	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	380479	88.711	ng	0.00
7) Phenol-d6	6.510	99	487838	86.036	ng	0.00
23) Nitrobenzene-d5	7.434	82	321231	60.527	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	151681	93.329	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	650318	63.762	ng	-0.01
79) Terphenyl-d14	12.980	244	683209	71.830	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	79692	44.193	ng	98
3) Pyridine	3.463	79	191376	48.234	ng	98
4) n-Nitrosodimethylamine	3.422	42	106605	45.716	ng	95
6) Aniline	6.534	93	224185	56.173	ng	92
8) 2-Chlorophenol	6.663	128	238312	51.646	ng	95
9) Benzaldehyde	6.422	77	79634	26.530	ng	99
10) Phenol	6.528	94	303047	52.334	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	221037	49.883	ng	99
12) 1,3-Dichlorobenzene	6.810	146	250766	48.365	ng	98
13) 1,4-Dichlorobenzene	6.887	146	254852	48.545	ng	100
14) 1,2-Dichlorobenzene	7.039	146	241982	49.190	ng	99
15) Benzyl Alcohol	7.016	79	219562	52.215	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	271951	51.950	ng	85
17) 2-Methylphenol	7.134	107	186295	50.436	ng	96
18) Hexachloroethane	7.375	117	95161	48.533	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	168503	50.284	ng	98
20) 3+4-Methylphenols	7.287	107	242877	51.157	ng	# 89
22) Acetophenone	7.281	105	331638	50.110	ng	97
24) Nitrobenzene	7.451	77	261823	47.732	ng	99
25) Isophorone	7.692	82	461208	52.102	ng	99
26) 2-Nitrophenol	7.769	139	126668	52.109	ng	97
27) 2,4-Dimethylphenol	7.810	122	180459	62.047	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	276067	51.192	ng	100
29) 2,4-Dichlorophenol	8.016	162	202747	52.609	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	213845	48.599	ng	99
31) Naphthalene	8.175	128	694324	49.655	ng	99
32) Benzoic acid	7.945	122	104858	42.415	ng	96
33) 4-Chloroaniline	8.228	127	107686	25.722	ng	98
34) Hexachlorobutadiene	8.286	225	144487	49.575	ng	99
35) Caprolactam	8.604	113	36368	30.493	ng	93
36) 4-Chloro-3-methylphenol	8.716	107	221304	51.288	ng	100
37) 2-Methylnaphthalene	8.863	142	461666	51.981	ng	99
38) 1-Methylnaphthalene	8.963	142	427054	49.055	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	230340	51.777	ng	99
41) Hexachlorocyclopentadiene	9.016	237	168280	160.239	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	143904	51.551	ng	99

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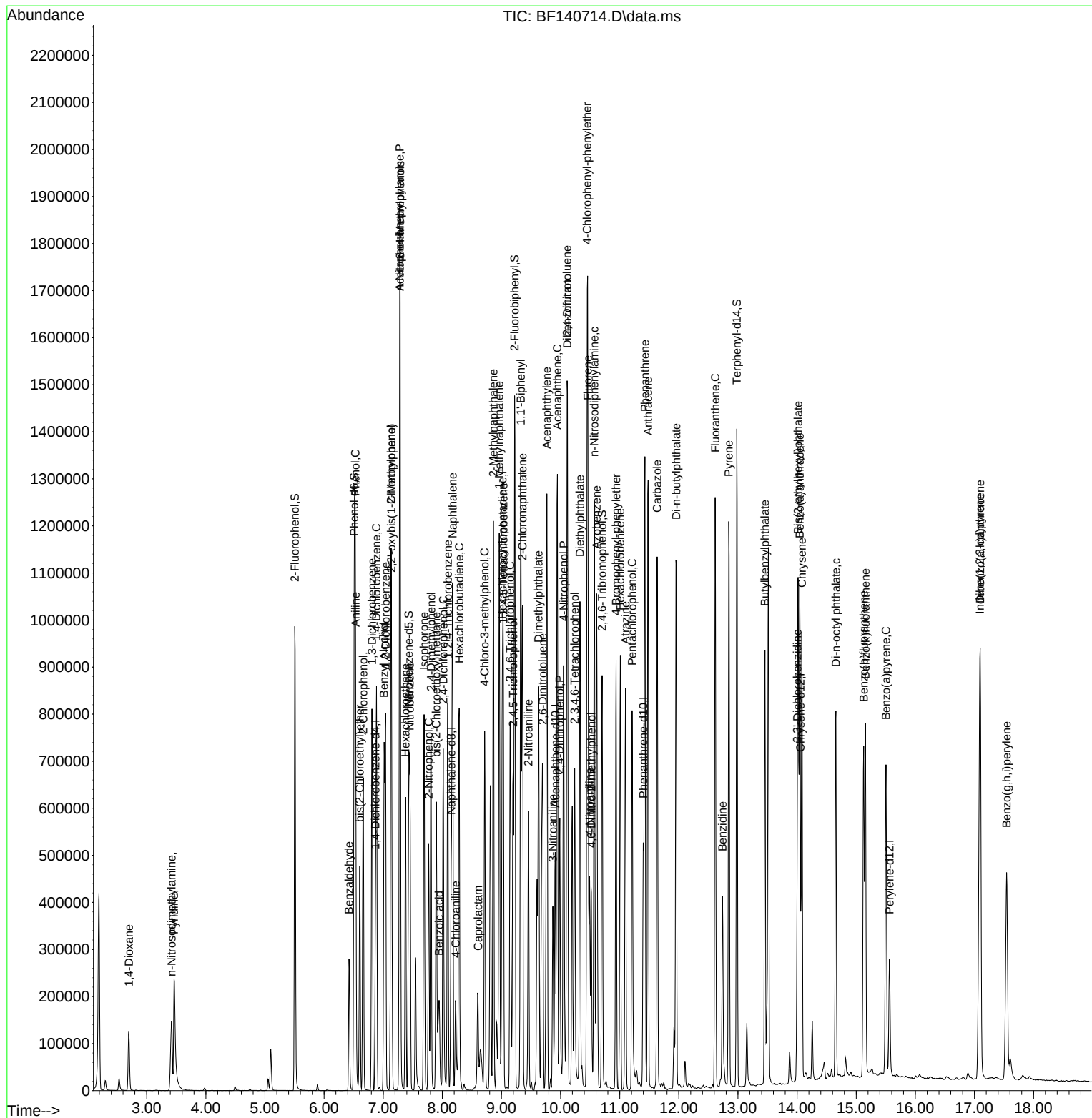
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	150157	49.564	ng	97
46) 1,1'-Biphenyl	9.328	154	577284	50.882	ng	99
47) 2-Chloronaphthalene	9.357	162	432227	50.278	ng	98
48) 2-Nitroaniline	9.457	65	136434	49.443	ng	95
49) Acenaphthylene	9.769	152	694644	53.479	ng	99
50) Dimethylphthalate	9.628	163	533110	53.268	ng	100
51) 2,6-Dinitrotoluene	9.698	165	110977	48.893	ng	97
52) Acenaphthene	9.945	154	421874	51.117	ng	99
53) 3-Nitroaniline	9.869	138	83122	37.443	ng	95
54) 2,4-Dinitrophenol	9.986	184	116035	96.879	ng	97
55) Dibenzofuran	10.116	168	643568	51.122	ng	99
56) 4-Nitrophenol	10.051	139	136037	89.853	ng	97
57) 2,4-Dinitrotoluene	10.110	165	151991	50.385	ng	93
58) Fluorene	10.463	166	514186	50.886	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	129948	55.812	ng	94
60) Diethylphthalate	10.328	149	542762	53.377	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	260564	52.545	ng	96
62) 4-Nitroaniline	10.492	138	114798	49.305	ng	94
63) Azobenzene	10.610	77	558779	58.028	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	85759	58.961	ng	92
66) n-Nitrosodiphenylamine	10.569	169	444186	52.770	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	152650	52.076	ng	99
68) Hexachlorobenzene	11.010	284	174709	51.473	ng	99
69) Atrazine	11.098	200	152152	64.254	ng	98
70) Pentachlorophenol	11.210	266	149461	100.051	ng	99
71) Phenanthrene	11.427	178	713773	52.168	ng	99
72) Anthracene	11.480	178	739701	55.269	ng	100
73) Carbazole	11.633	167	652073	50.646	ng	99
74) Di-n-butylphthalate	11.957	149	837231	56.325	ng	99
75) Fluoranthene	12.616	202	730638	49.184	ng	99
77) Benzidine	12.739	184	238462	55.378	ng	99
78) Pyrene	12.845	202	732578	53.495	ng	99
80) Butylbenzylphthalate	13.457	149	295917	59.985	ng	99
81) Benzo(a)anthracene	14.045	228	512458	52.270	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	108531	36.871	ng	99
83) Chrysene	14.080	228	468678	52.280	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	395852	63.548	ng	100
85) Di-n-octyl phthalate	14.657	149	554042	65.082	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	562953	57.984	ng	99
88) Benzo(b)fluoranthene	15.127	252	437590	46.763	ng	99
89) Benzo(k)fluoranthene	15.157	252	429403	52.439	ng	99
90) Benzo(a)pyrene	15.504	252	420885	55.318	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	462731	58.197	ng	100
92) Benzo(g,h,i)perylene	17.545	276	424785	52.355	ng	99

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

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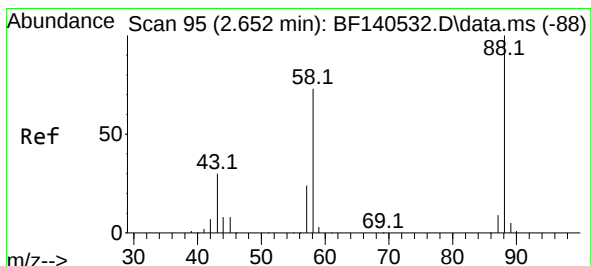
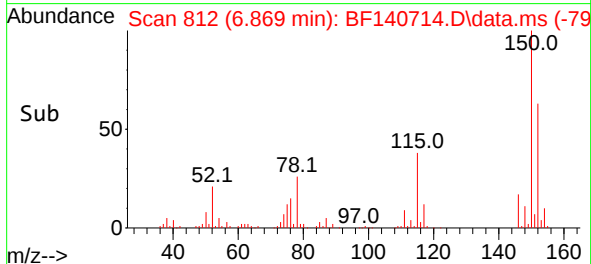
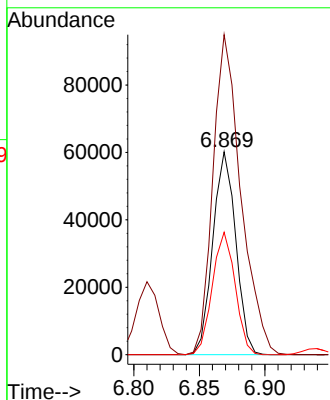
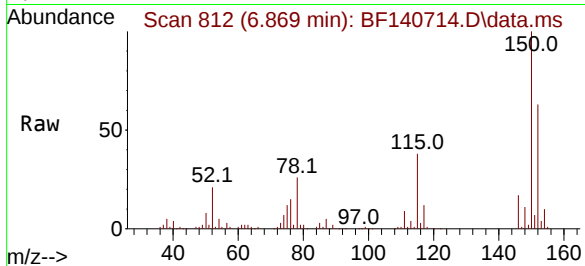




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140714.D
 Acq: 03 Dec 2024 16:42

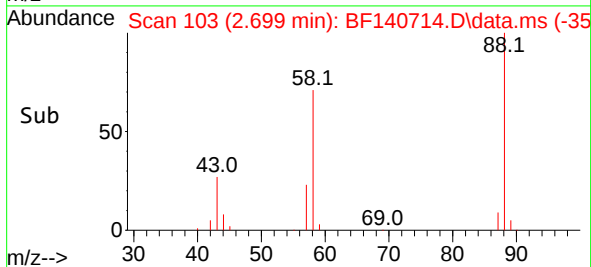
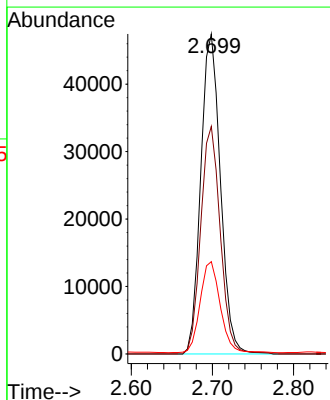
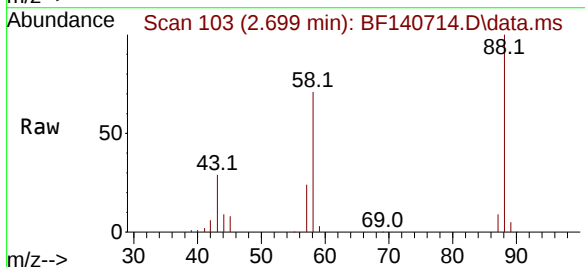
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63MS

Tgt Ion:152 Resp: 73179
 Ion Ratio Lower Upper
 152 100
 150 157.7 128.5 192.7
 115 60.3 50.2 75.4



#2
 1,4-Dioxane
 Concen: 44.193 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.047 min
 Lab File: BF140714.D
 Acq: 03 Dec 2024 16:42

Tgt Ion: 88 Resp: 79692
 Ion Ratio Lower Upper
 88 100
 58 70.7 57.4 86.2
 43 29.0 24.3 36.5





#3

Pyridine

Concen: 48.234 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

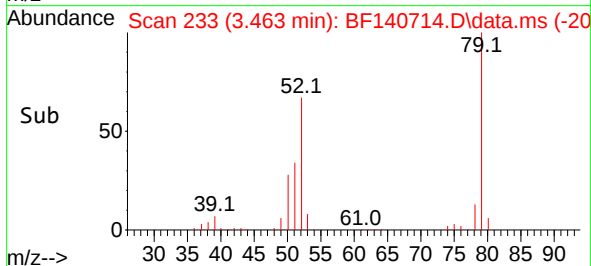
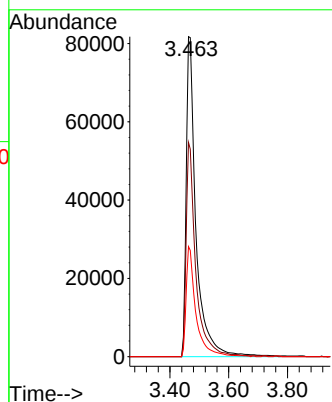
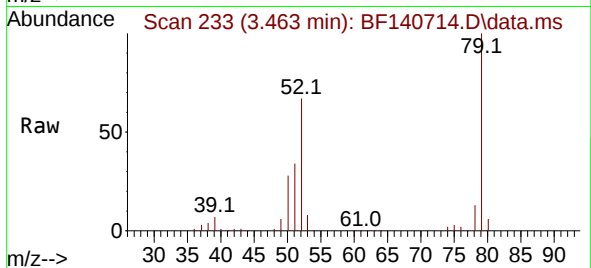
Tgt Ion: 79 Resp: 191376

Ion Ratio Lower Upper

79 100

52 66.9 52.1 78.1

51 34.4 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 45.716 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.041 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

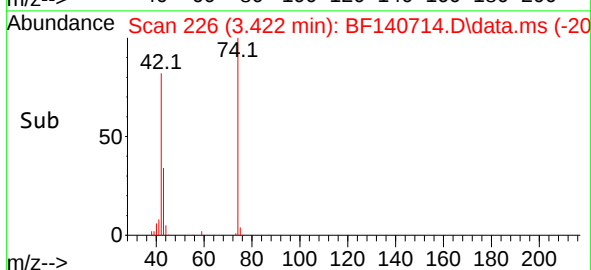
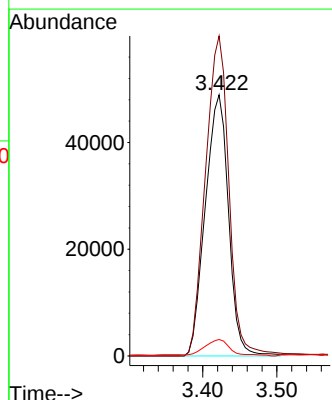
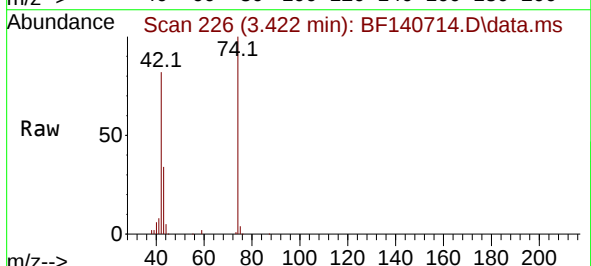
Tgt Ion: 42 Resp: 106605

Ion Ratio Lower Upper

42 100

74 122.5 93.8 140.6

44 6.3 4.6 6.8

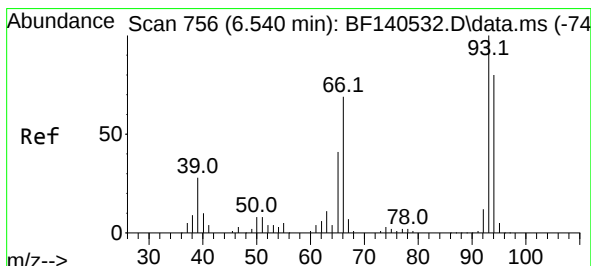
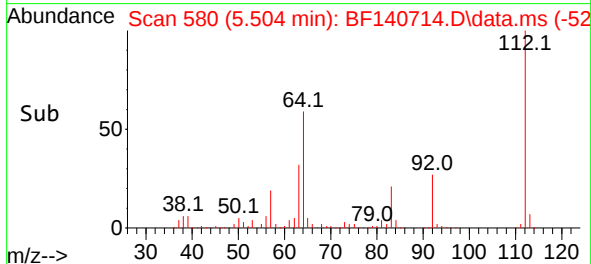
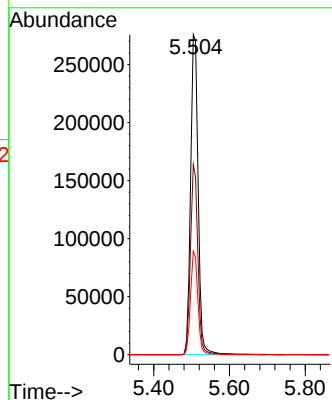
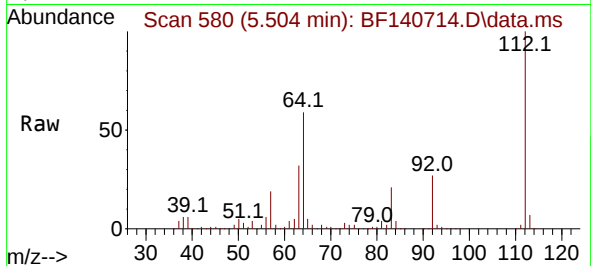




#5
2-Fluorophenol
Concen: 88.711 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

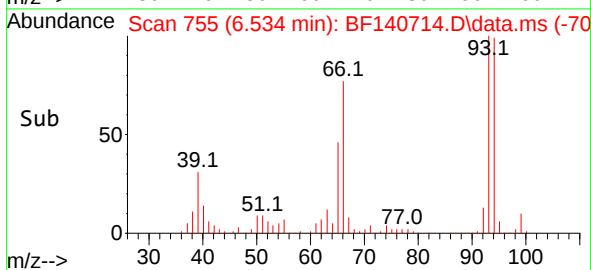
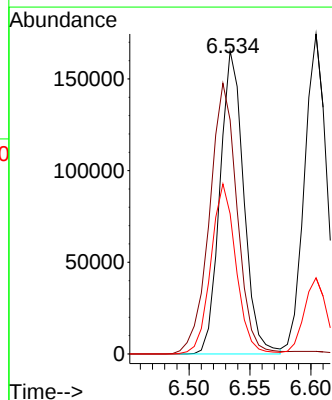
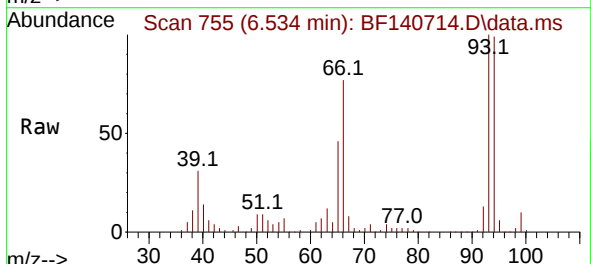
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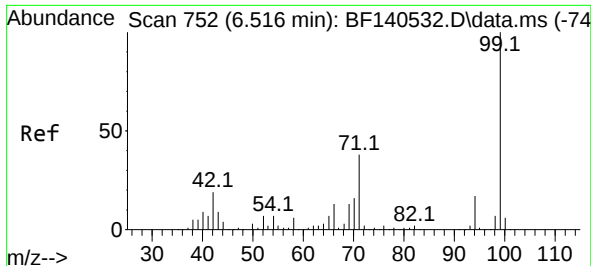
Tgt Ion:112 Resp: 380479
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 32.3 27.0 40.4



#6
Aniline
Concen: 56.173 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion: 93 Resp: 224185
Ion Ratio Lower Upper
93 100
66 77.1 56.5 84.7
65 46.2 32.9 49.3

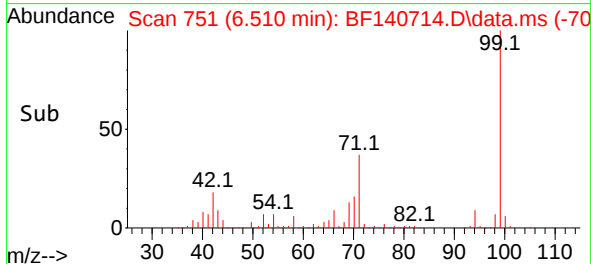
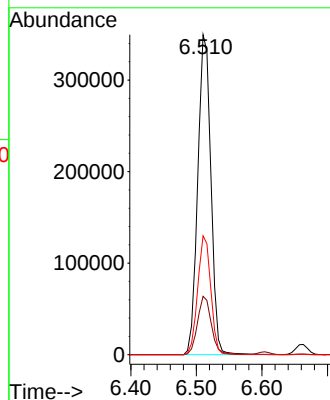
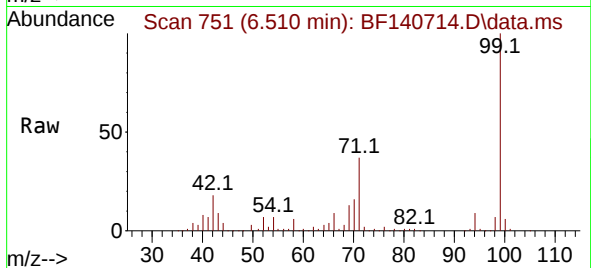




#7
Phenol-d6
Concen: 86.036 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

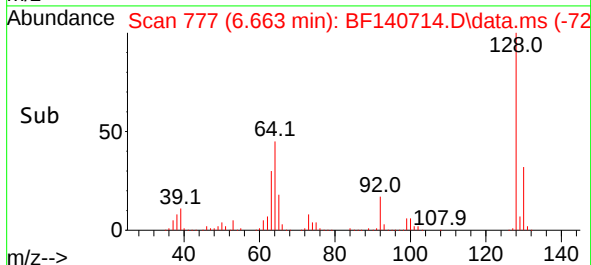
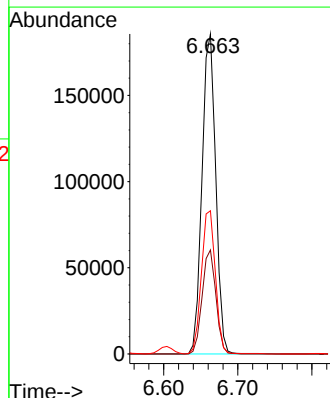
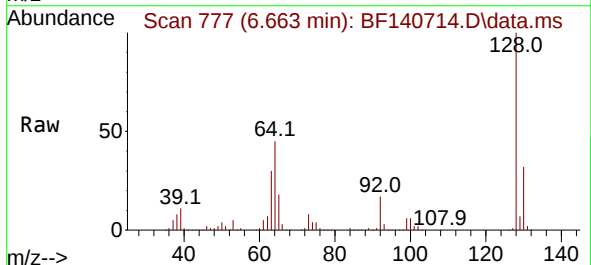
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

Tgt Ion: 99 Resp: 487838
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 37.1 30.6 46.0



#8
2-Chlorophenol
Concen: 51.646 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion: 128 Resp: 238312
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 44.8 30.2 70.2





#9

Benzaldehyde

Concen: 26.530 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

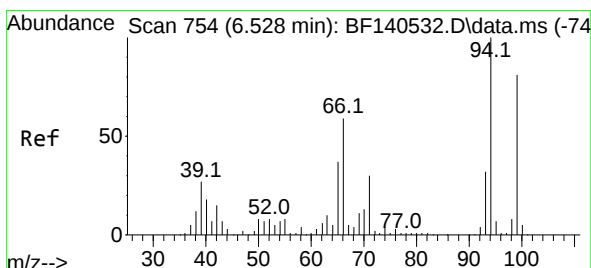
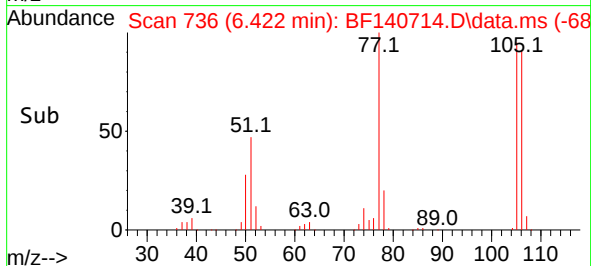
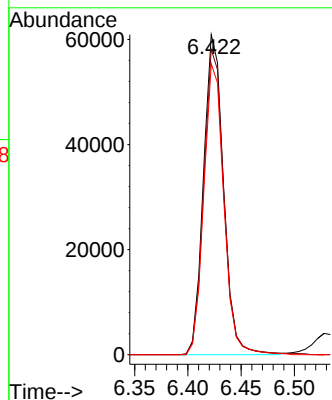
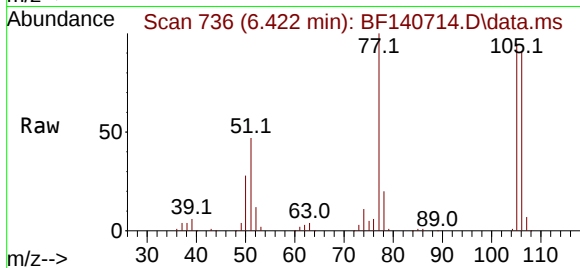
Tgt Ion: 77 Resp: 79634

Ion Ratio Lower Upper

77 100

105 95.4 75.6 115.6

106 90.9 72.0 112.0



#10

Phenol

Concen: 52.334 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

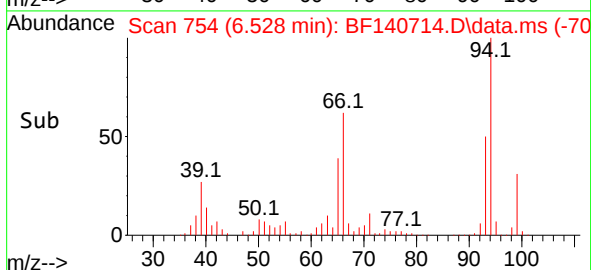
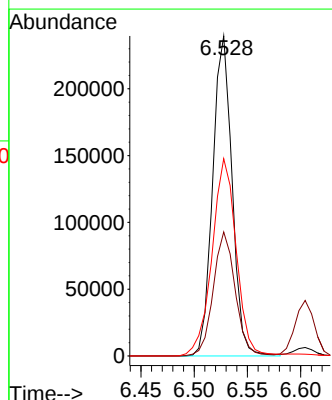
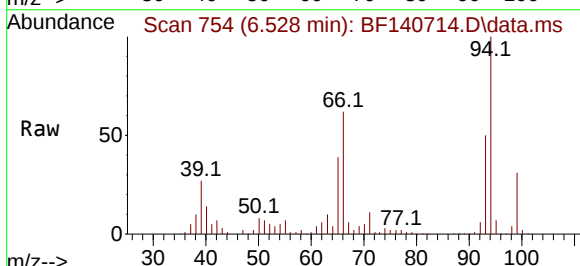
Tgt Ion: 94 Resp: 303047

Ion Ratio Lower Upper

94 100

65 38.7 17.2 57.2

66 61.6 39.2 79.2

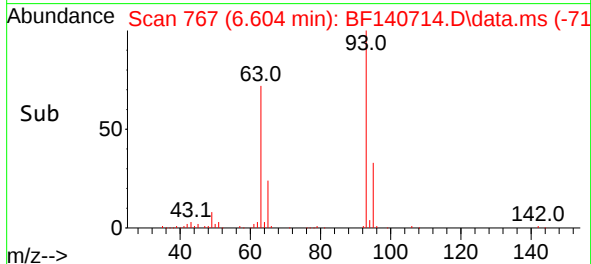
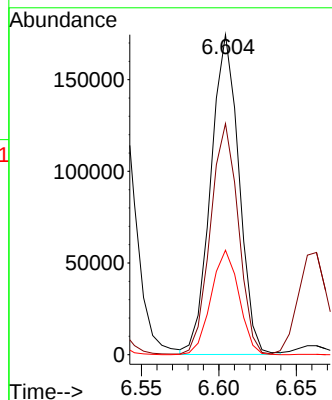
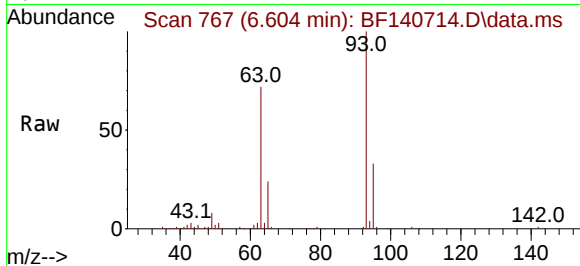




#11
bis(2-Chloroethyl)ether
Concen: 49.883 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
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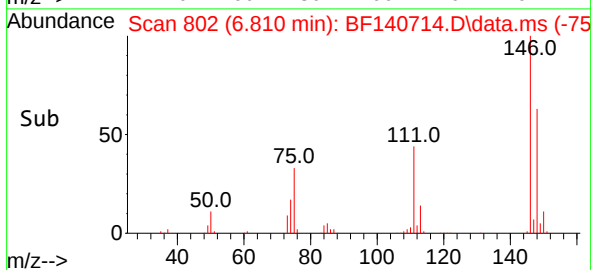
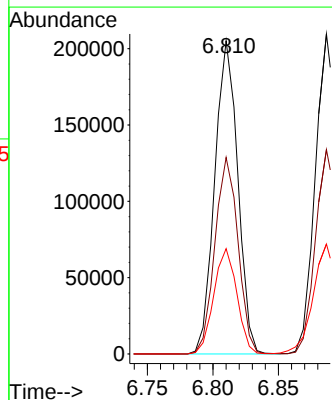
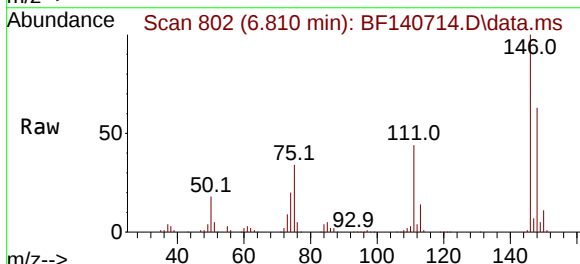
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

Tgt Ion: 93 Resp: 221037
Ion Ratio Lower Upper
93 100
63 72.2 52.8 92.8
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.365 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:146 Resp: 250766
Ion Ratio Lower Upper
146 100
148 62.7 51.3 76.9
75 33.6 28.2 42.2

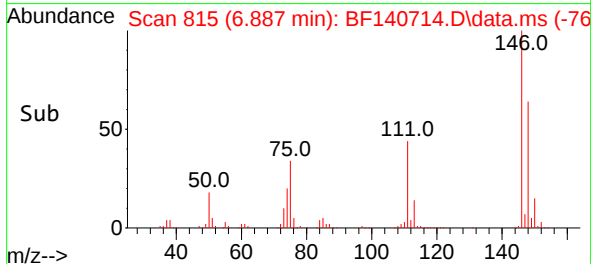
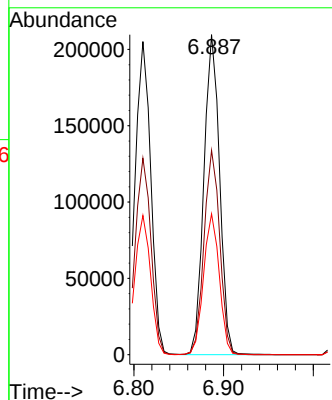
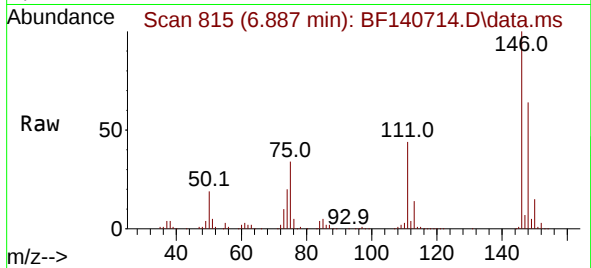




#13
1,4-Dichlorobenzene
Concen: 48.545 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

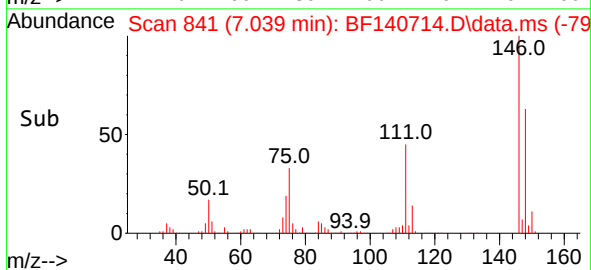
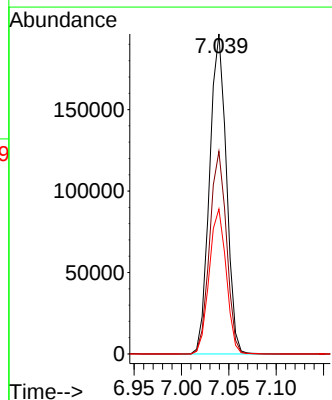
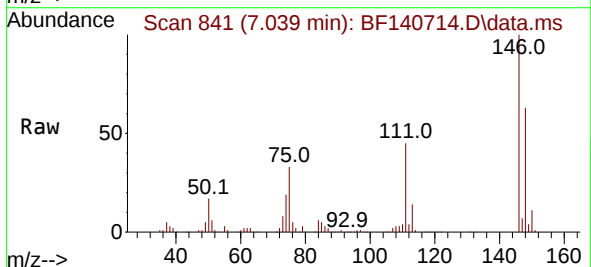
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

Tgt Ion:146 Resp: 254852
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 44.0 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 49.190 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:146 Resp: 241982
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 45.3 36.7 55.1

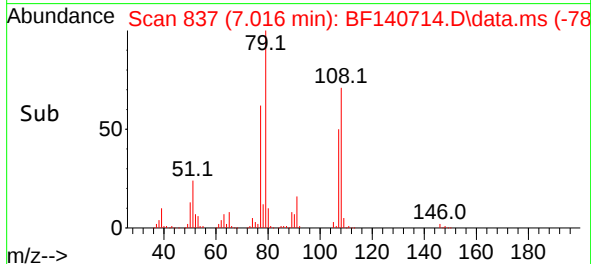
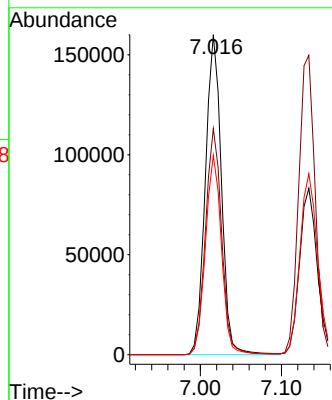
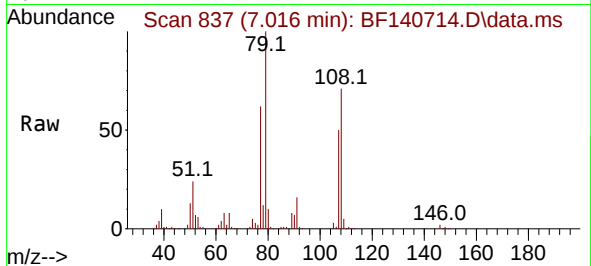




#15
Benzyl Alcohol
Concen: 52.215 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

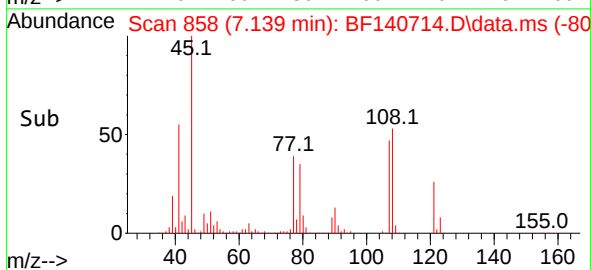
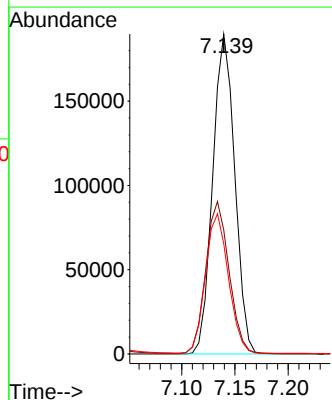
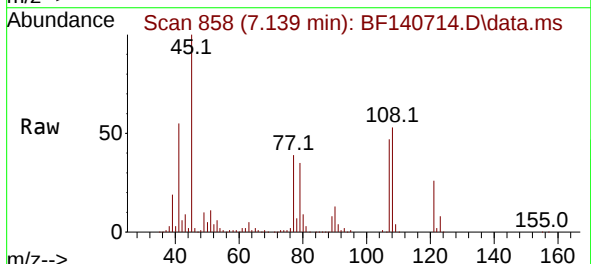
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

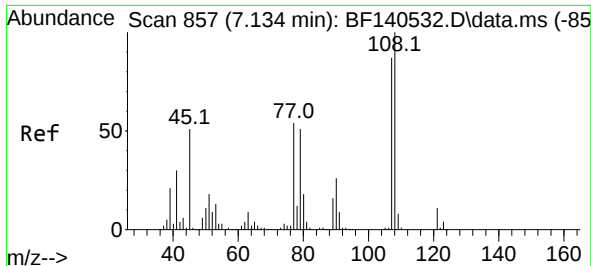
Tgt Ion: 79 Resp: 219562
Ion Ratio Lower Upper
79 100
108 70.6 55.0 82.6
77 62.3 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.950 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

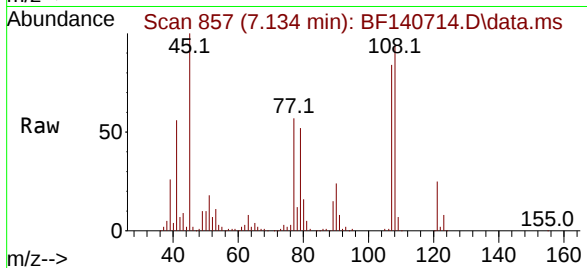
Tgt Ion: 45 Resp: 271951
Ion Ratio Lower Upper
45 100
77 38.8 10.7 50.7
79 34.5 7.0 47.0



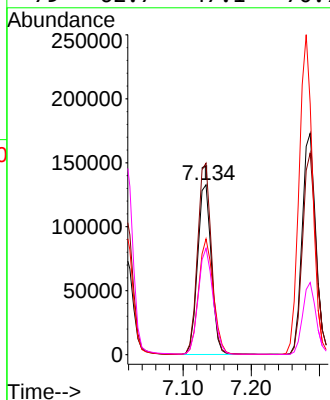
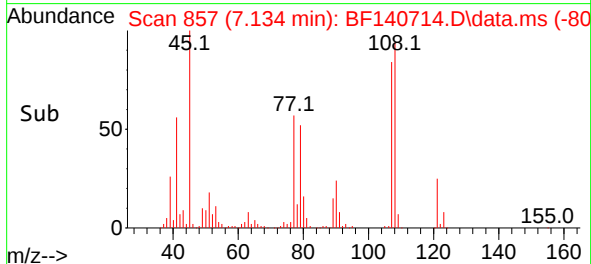


#17
2-Methylphenol
Concen: 50.436 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

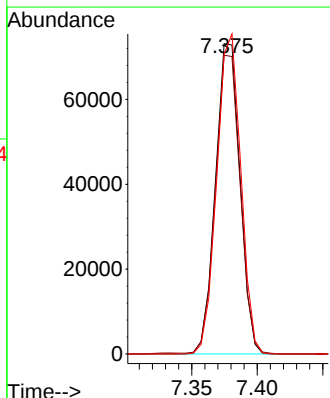
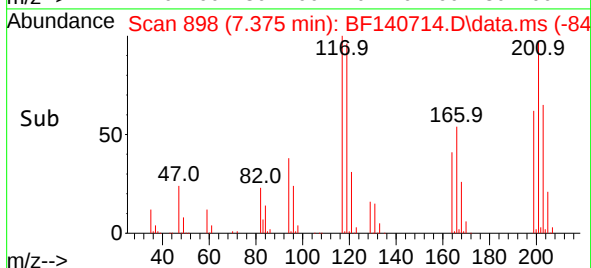
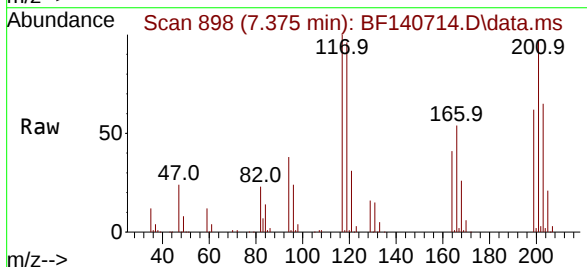


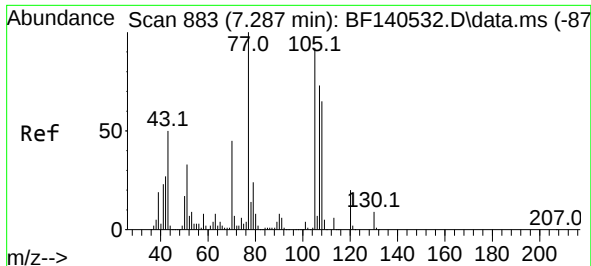
Tgt Ion:107 Resp: 186295
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 68.2 49.3 73.9
79 62.7 47.1 70.7



#18
Hexachloroethane
Concen: 48.533 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:117 Resp: 95161
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
201 96.6 81.1 121.7



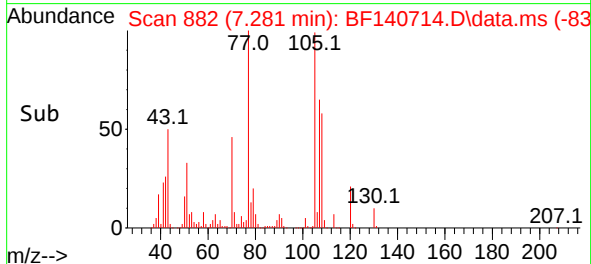
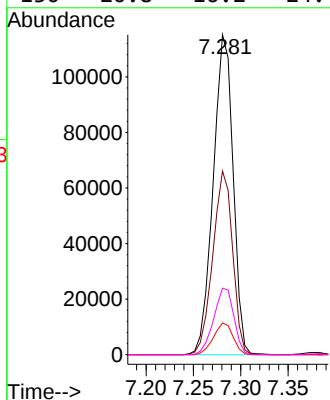
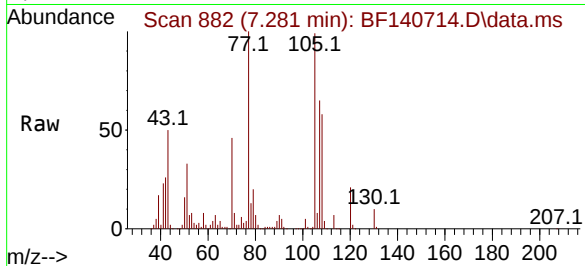


#19
n-Nitroso-di-n-propylamine
Concen: 50.284 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

Tgt Ion: 70 Resp: 168503

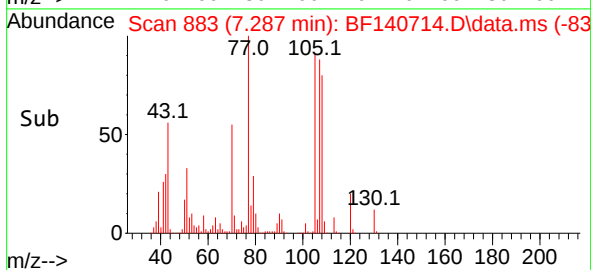
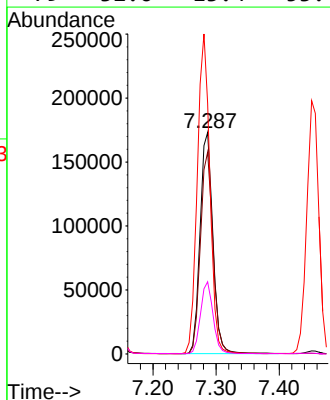
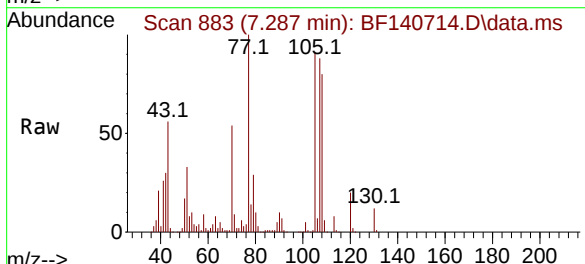
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.6	71.4
101	9.9	7.6	11.4
130	20.8	16.2	24.4

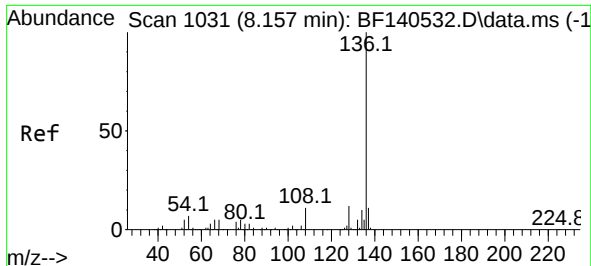


#20
3+4-Methylphenols
Concen: 51.157 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion: 107 Resp: 242877

Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.9	109.9
77	113.2	117.7	157.7#
79	32.6	13.4	53.4

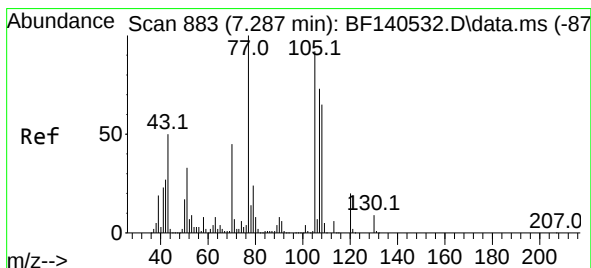
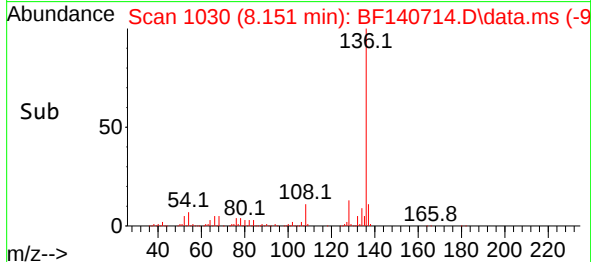
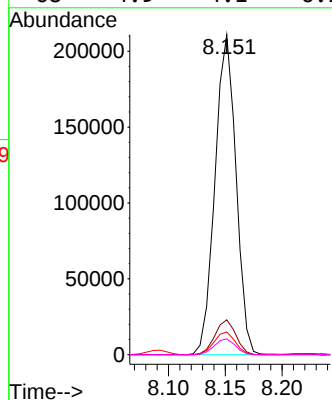
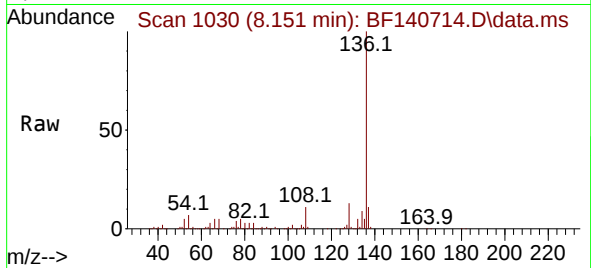




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

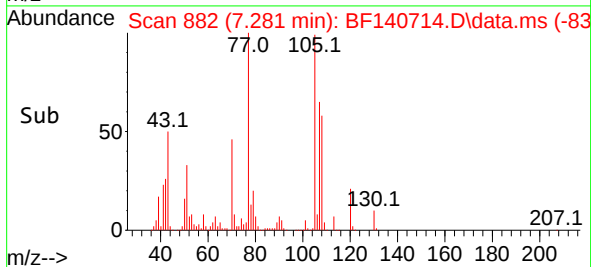
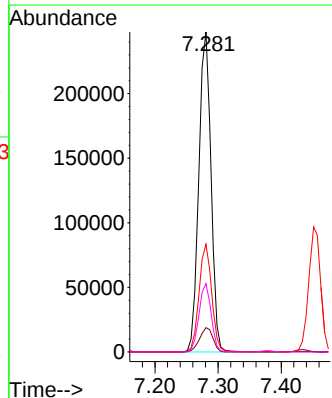
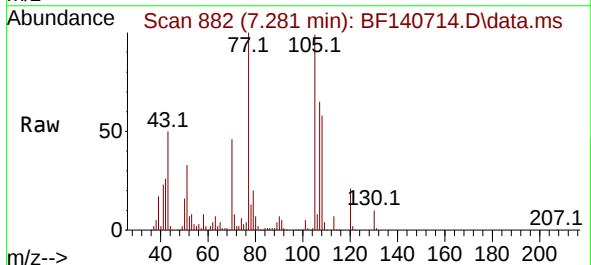
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

Tgt Ion:	136	Resp:	271468
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.1	5.8	8.8
68	4.9	4.1	6.1



#22
Acetophenone
Concen: 50.110 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:	105	Resp:	331638
Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.2	9.2
51	33.7	29.0	43.6
120	21.3	17.4	26.0

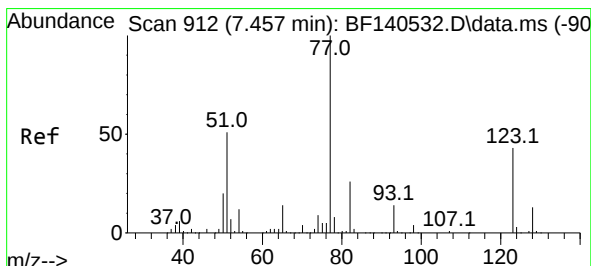
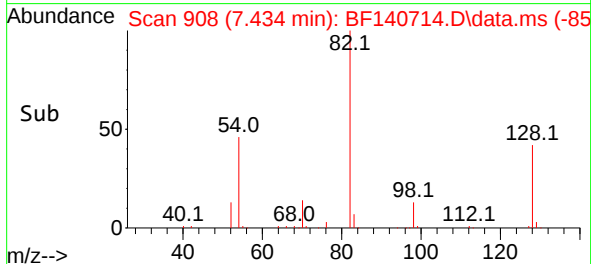
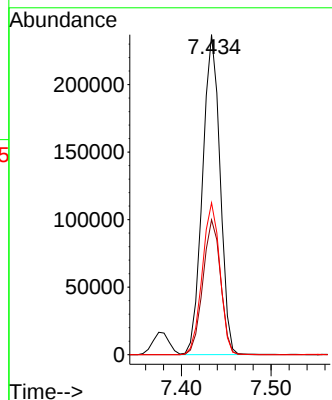
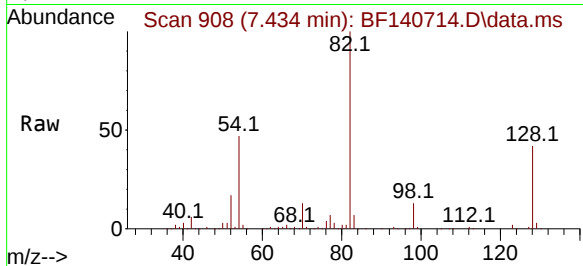




#23
 Nitrobenzene-d5
 Concen: 60.527 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140714.D
 Acq: 03 Dec 2024 16:42

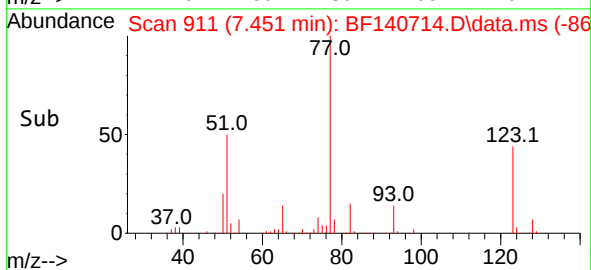
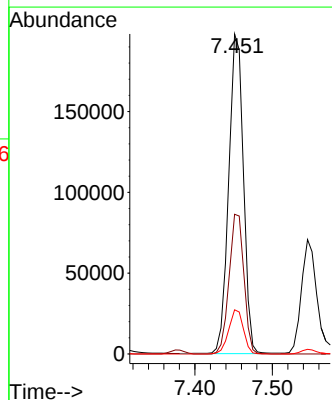
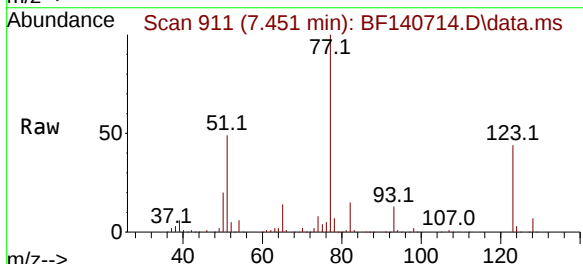
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63MS

Tgt Ion: 82 Resp: 321231
 Ion Ratio Lower Upper
 82 100
 128 42.1 33.0 49.4
 54 47.5 39.5 59.3



#24
 Nitrobenzene
 Concen: 47.732 ng
 RT: 7.451 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140714.D
 Acq: 03 Dec 2024 16:42

Tgt Ion: 77 Resp: 261823
 Ion Ratio Lower Upper
 77 100
 123 43.6 34.3 51.5
 65 13.8 11.2 16.8

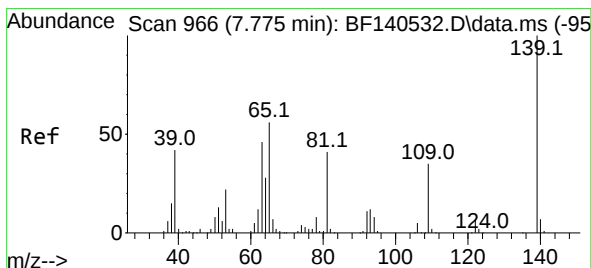
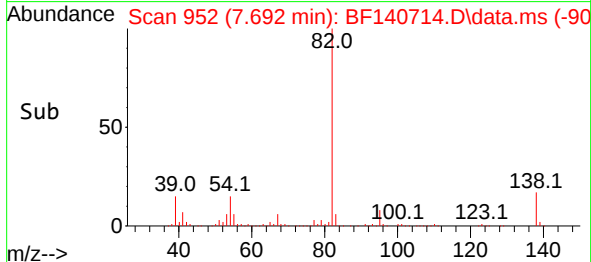
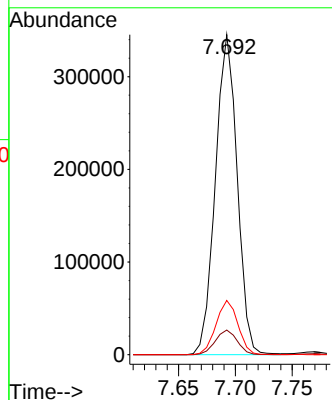
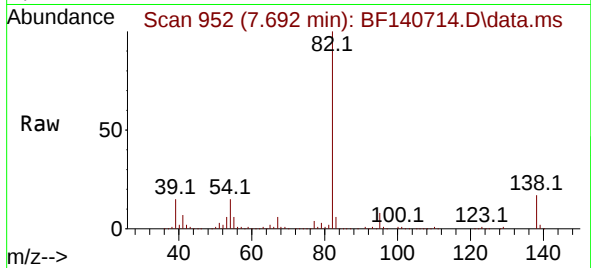




#25
Isophorone
Concen: 52.102 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

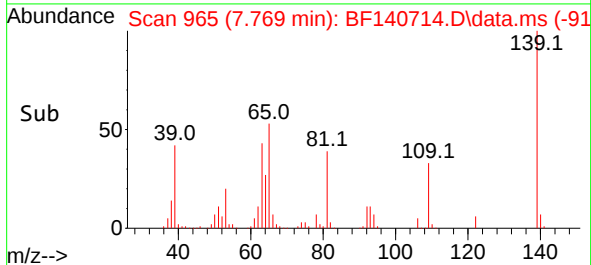
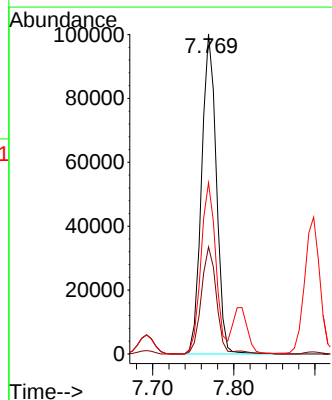
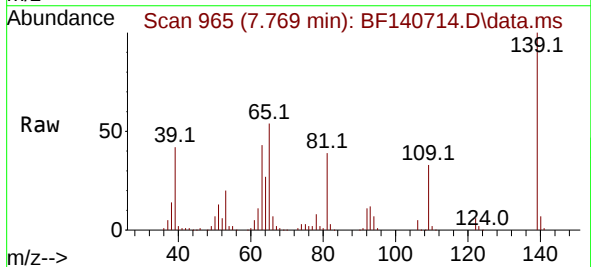
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

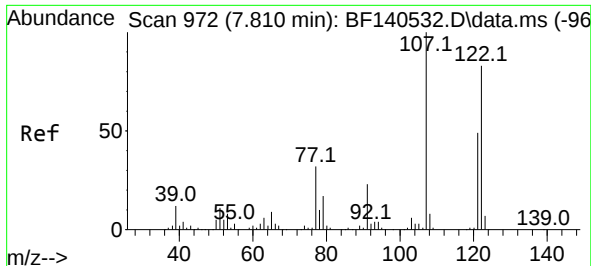
Tgt Ion: 82 Resp: 461208
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 16.9 13.8 20.6



#26
2-Nitrophenol
Concen: 52.109 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:139 Resp: 126668
Ion Ratio Lower Upper
139 100
109 33.5 28.0 42.0
65 53.5 44.6 67.0

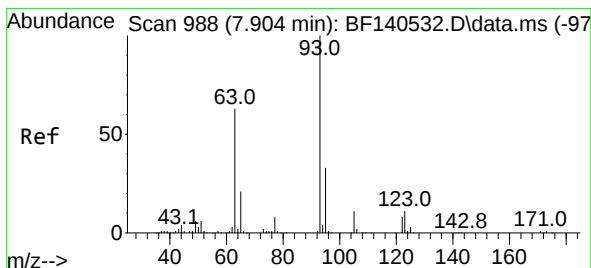
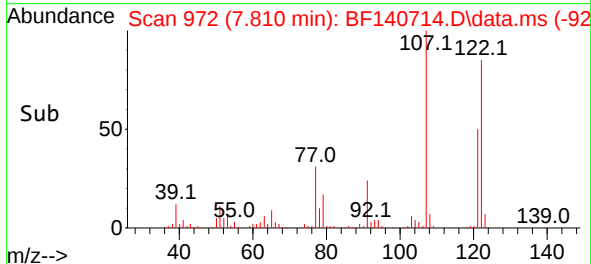
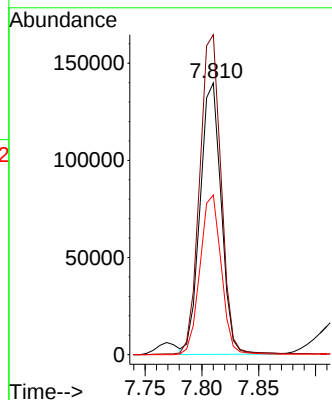
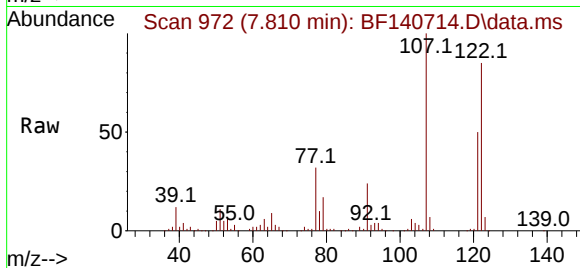




#27
2,4-Dimethylphenol
Concen: 62.047 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

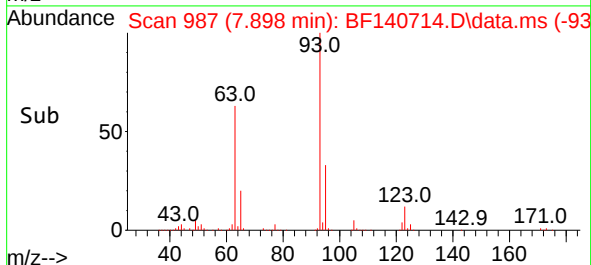
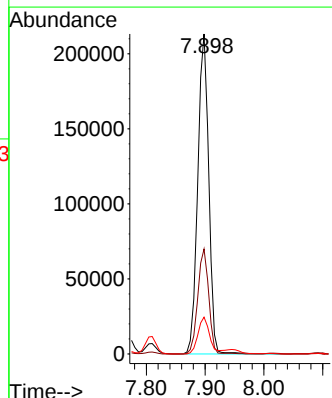
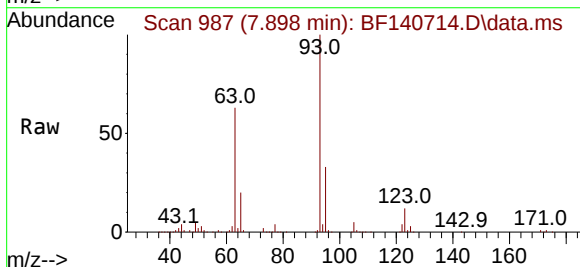
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

Tgt Ion:122 Resp: 180459
Ion Ratio Lower Upper
122 100
107 117.8 96.8 145.2
121 58.8 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 51.192 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion: 93 Resp: 276067
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.609 ng

RT: 8.016 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

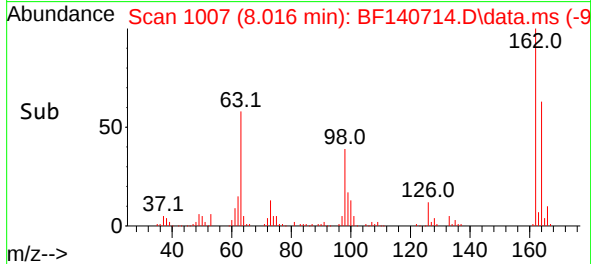
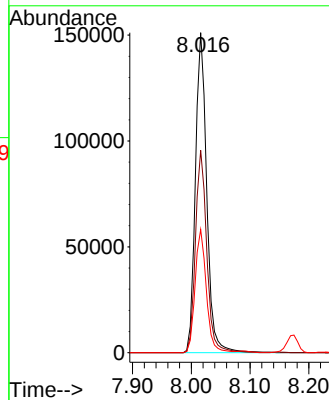
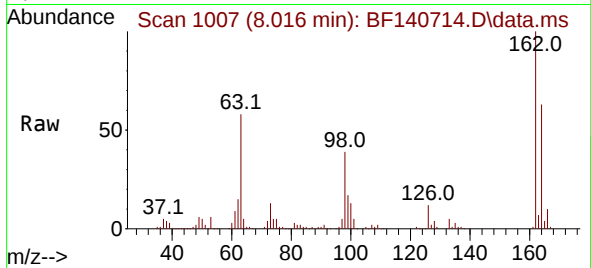
Tgt Ion:162 Resp: 202747

Ion Ratio Lower Upper

162 100

164 63.3 44.8 84.8

98 38.5 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 48.599 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

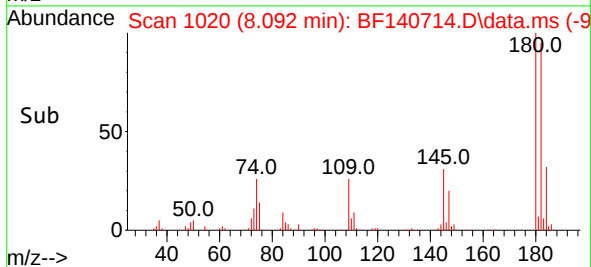
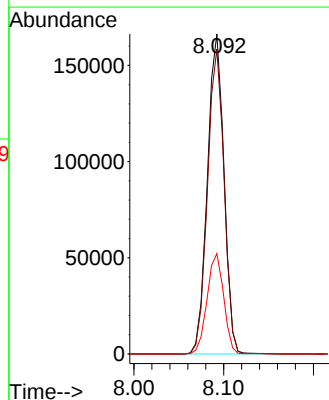
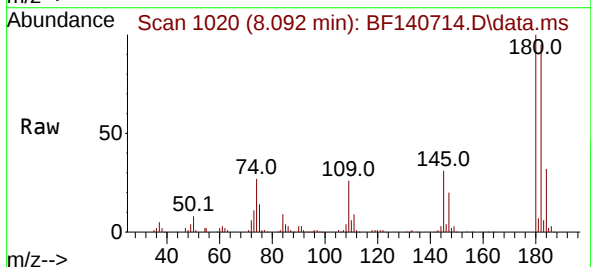
Tgt Ion:180 Resp: 213845

Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

145 31.4 25.9 38.9

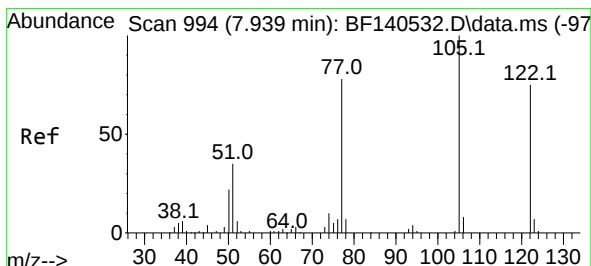
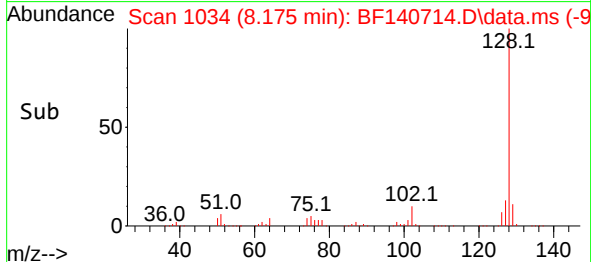
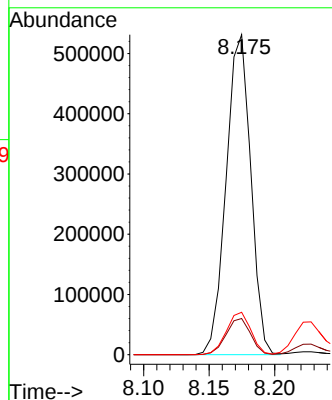
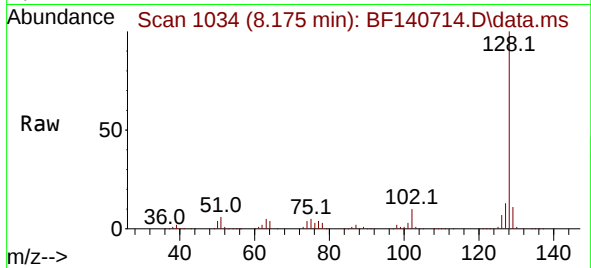




#31
Naphthalene
Concen: 49.655 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

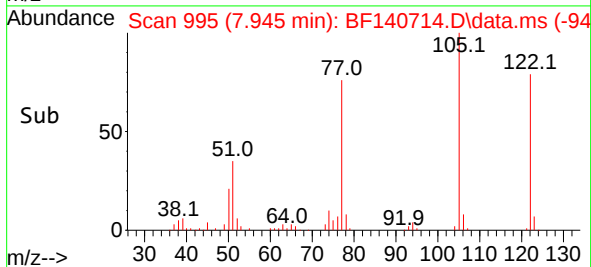
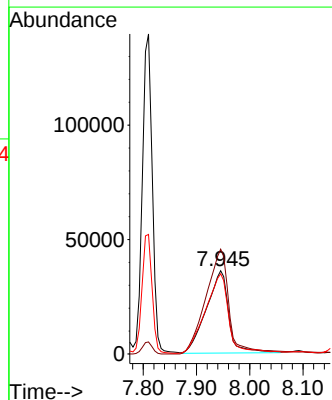
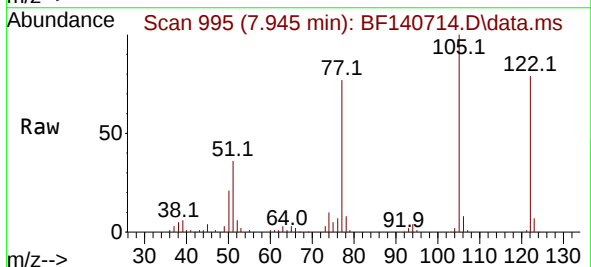
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

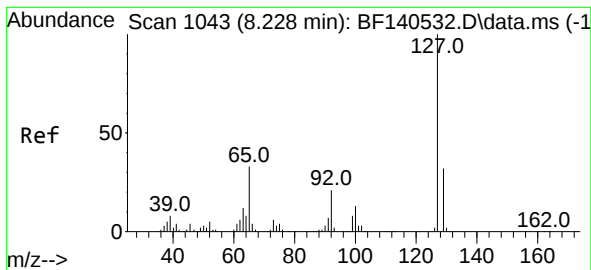
Tgt Ion:128 Resp: 694324
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 42.415 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:122 Resp: 104858
Ion Ratio Lower Upper
122 100
105 125.9 109.3 149.3
77 96.4 82.3 122.3

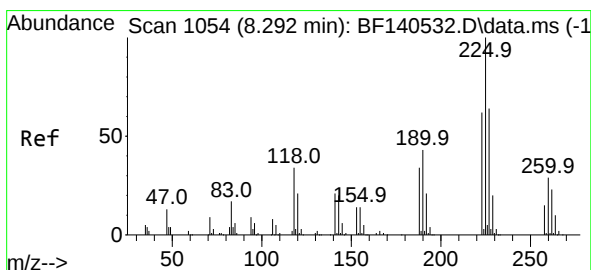
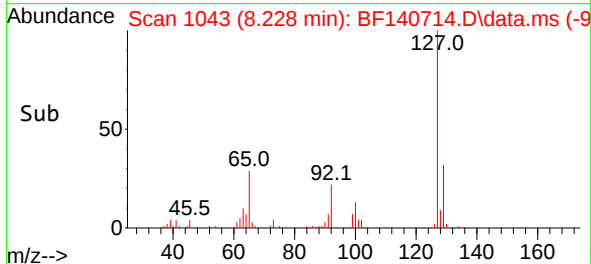
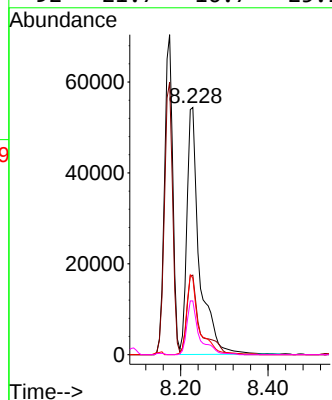
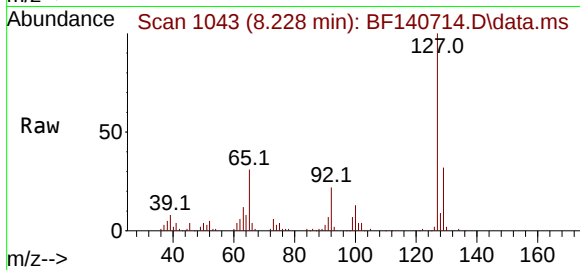




#33
4-Chloroaniline
Concen: 25.722 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

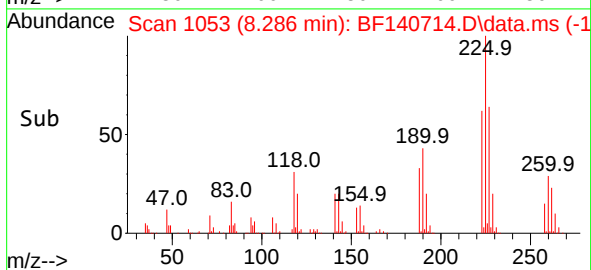
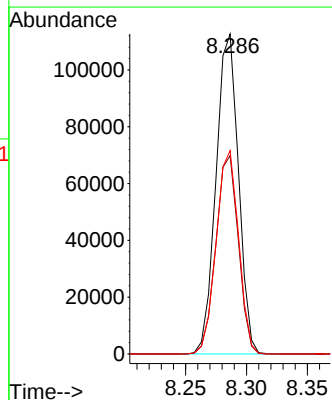
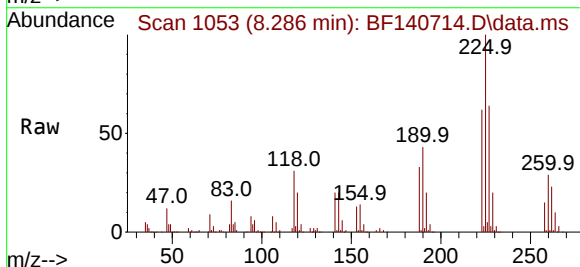
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

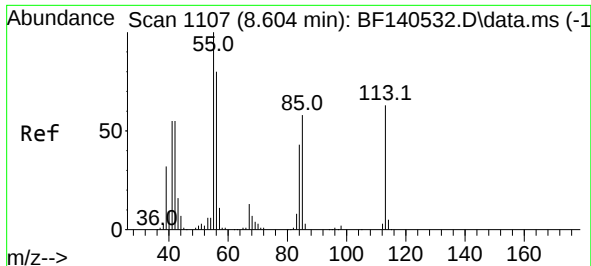
Tgt Ion:	127	Resp:	107686
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	31.0	26.0	39.0
92	21.7	16.7	25.1



#34
Hexachlorobutadiene
Concen: 49.575 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:	225	Resp:	144487
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.8	74.8
227	63.5	51.3	76.9

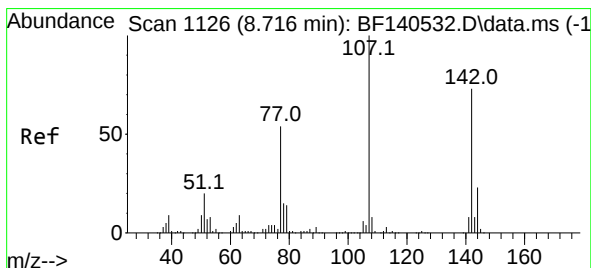
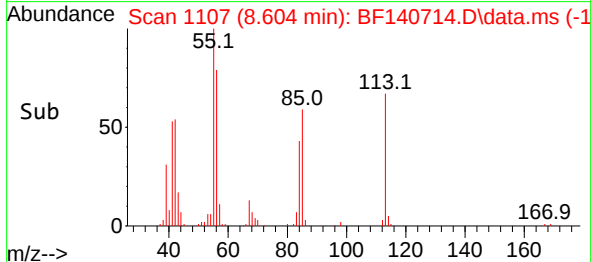
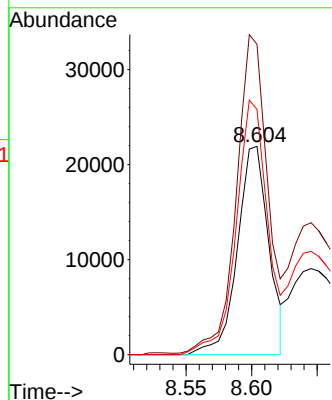
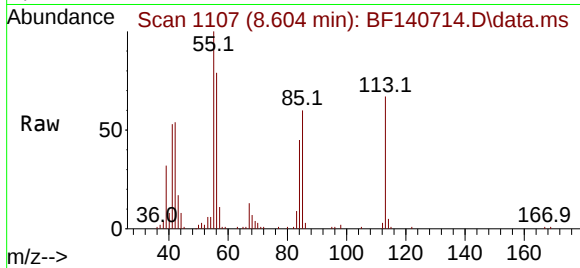




#35
 Caprolactam
 Concen: 30.493 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF140714.D
 Acq: 03 Dec 2024 16:42

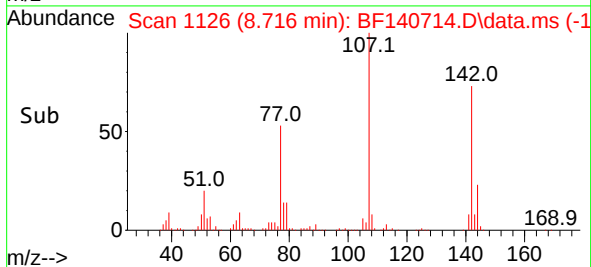
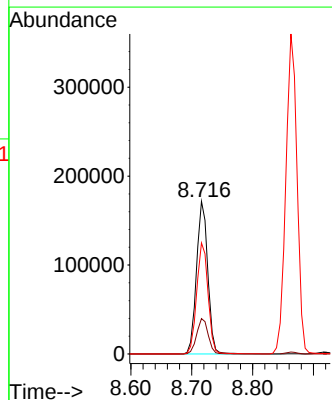
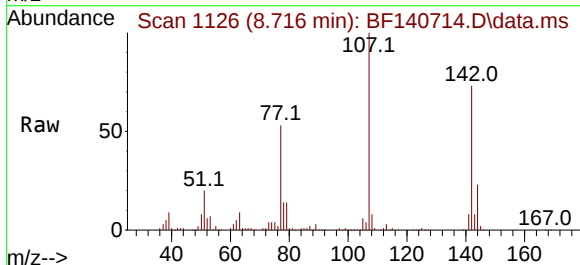
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63MS

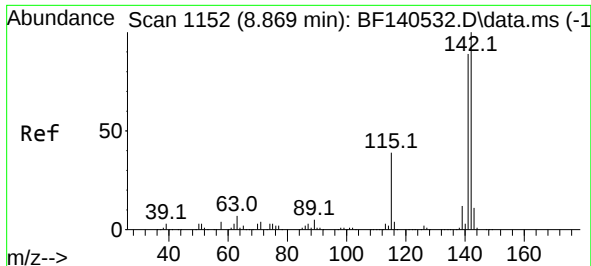
Tgt Ion:113 Resp: 36368
 Ion Ratio Lower Upper
 113 100
 55 149.0 137.7 177.7
 56 117.8 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 51.288 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140714.D
 Acq: 03 Dec 2024 16:42

Tgt Ion:107 Resp: 221304
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.7 28.1
 142 72.7 58.3 87.5

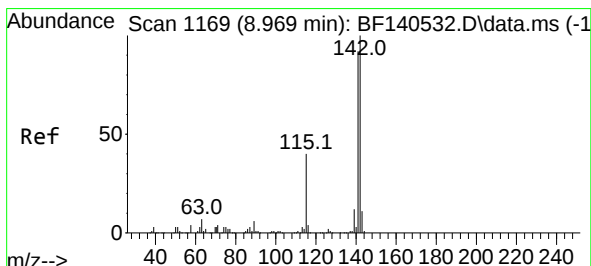
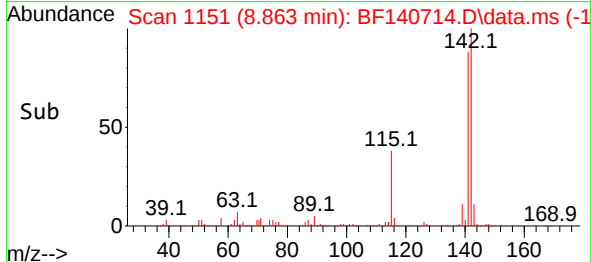
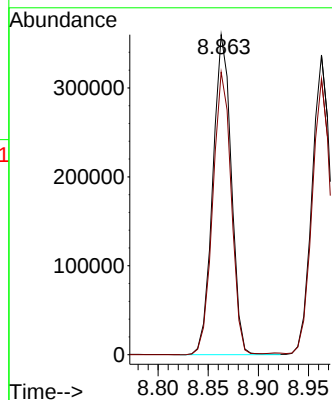
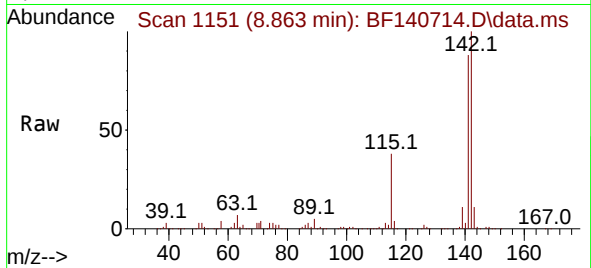




#37
2-Methylnaphthalene
Concen: 51.981 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

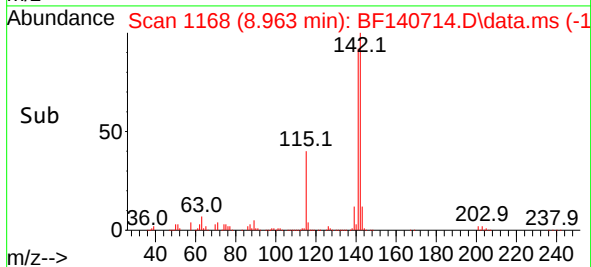
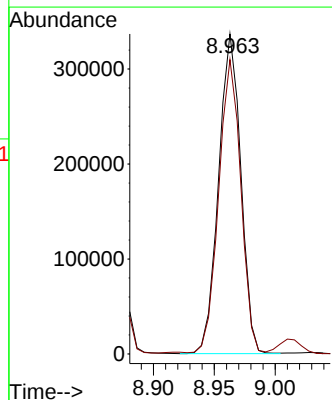
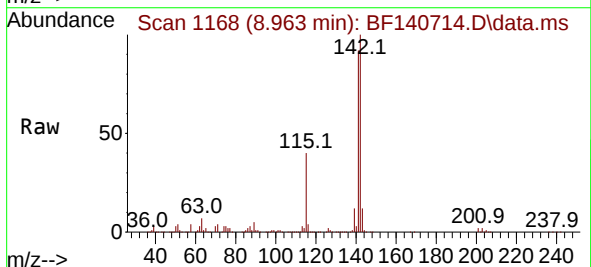
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

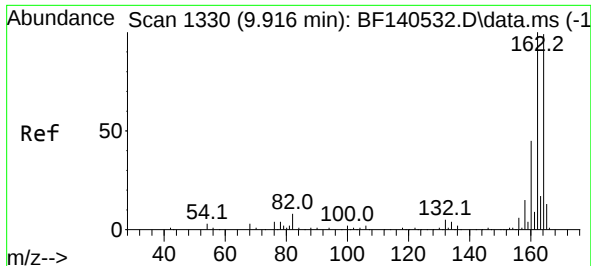
Tgt Ion:142 Resp: 461666
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.6



#38
1-Methylnaphthalene
Concen: 49.055 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:142 Resp: 427054
Ion Ratio Lower Upper
142 100
141 92.0 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

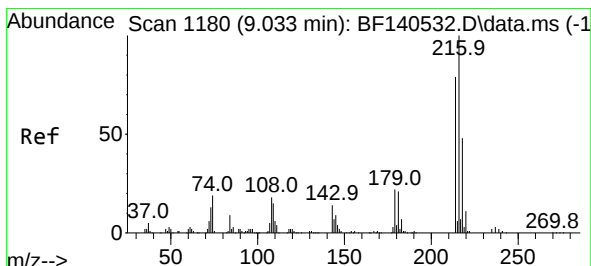
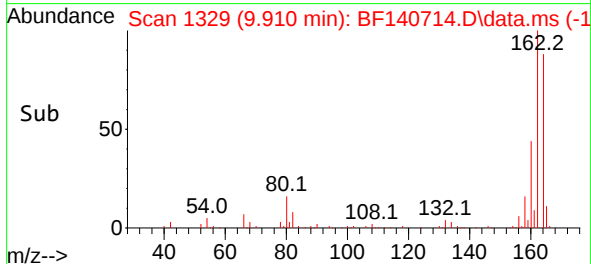
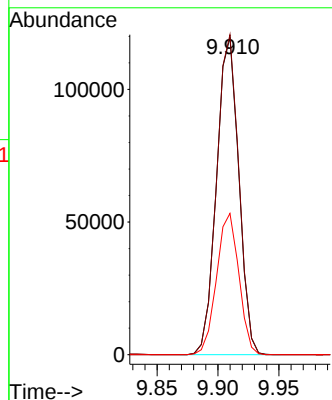
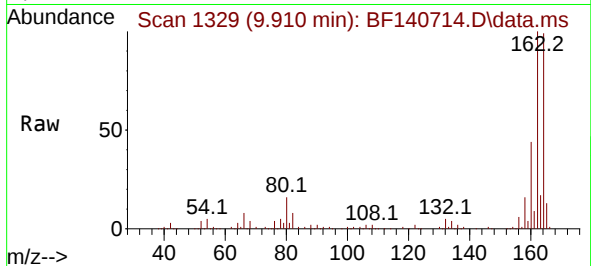
Tgt Ion:164 Resp: 151961

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.777 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Tgt Ion:216 Resp: 230340

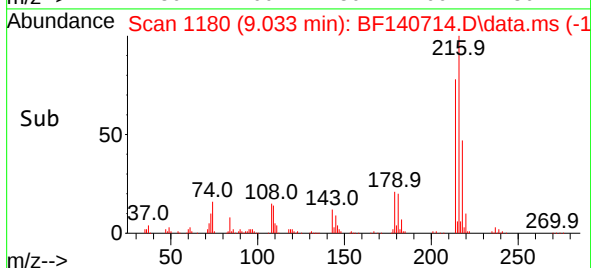
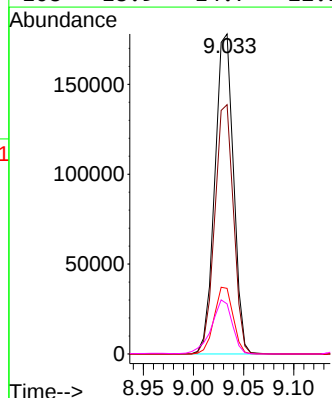
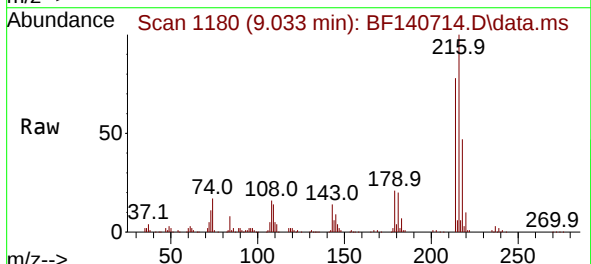
Ion Ratio Lower Upper

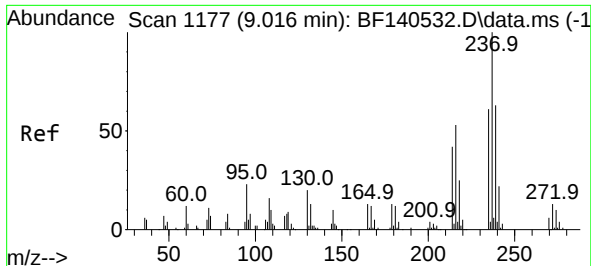
216 100

214 78.3 63.0 94.4

179 21.1 17.5 26.3

108 18.9 14.7 22.1

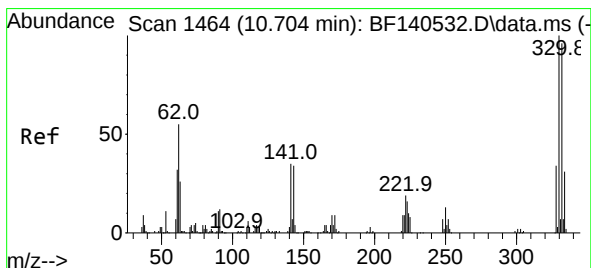
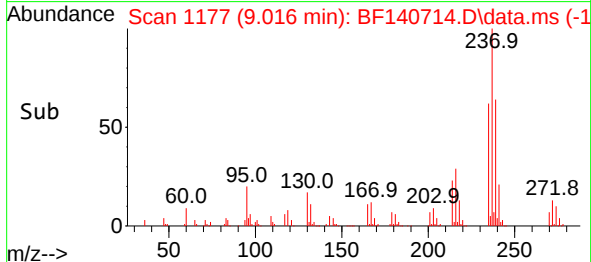
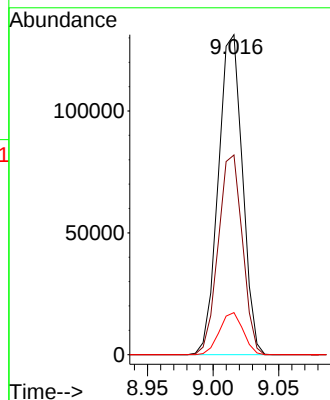
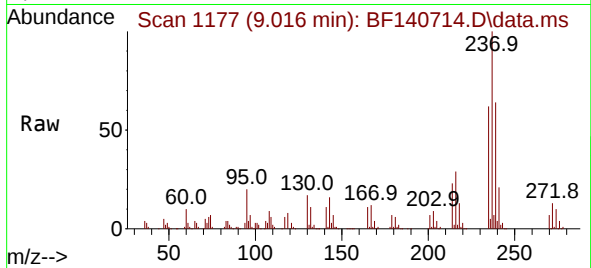




#41
Hexachlorocyclopentadiene
Concen: 160.239 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

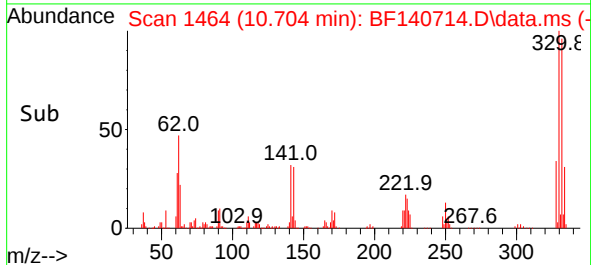
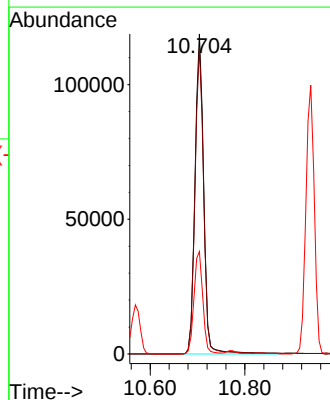
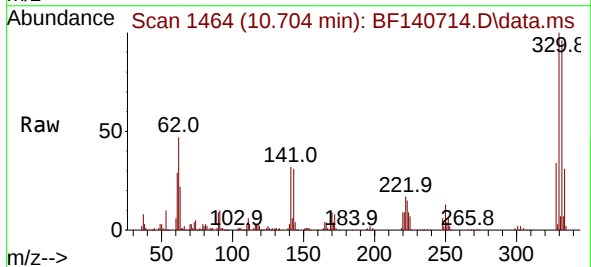
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

Tgt Ion:237 Resp: 168280
Ion Ratio Lower Upper
237 100
235 62.4 41.1 81.1
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 93.329 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:330 Resp: 151681
Ion Ratio Lower Upper
330 100
332 95.3 76.9 115.3
141 32.7 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 51.551 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

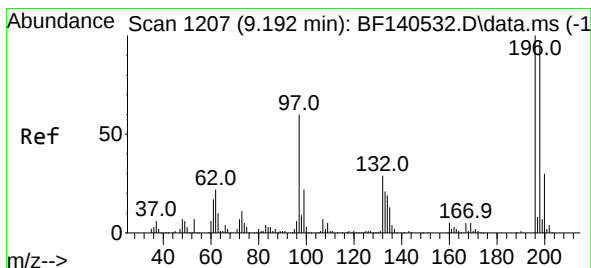
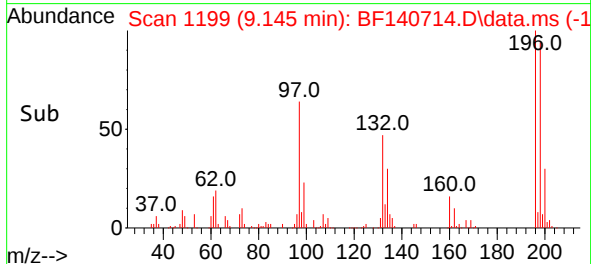
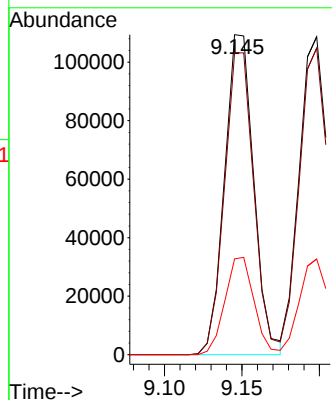
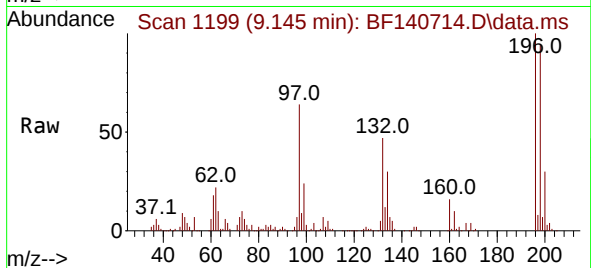
Tgt Ion:196 Resp: 143904

Ion Ratio Lower Upper

196 100

198 94.3 76.8 115.2

200 29.9 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 49.564 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Tgt Ion:196 Resp: 150157

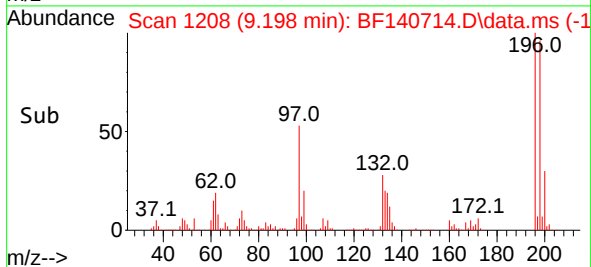
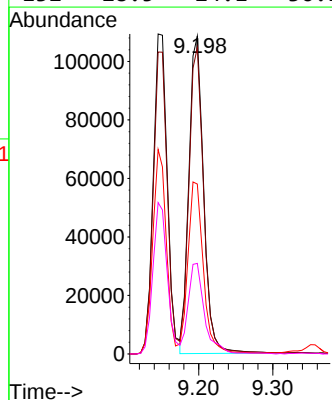
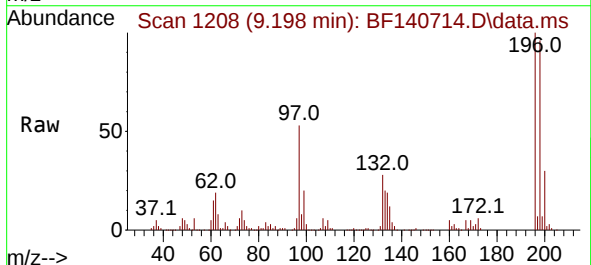
Ion Ratio Lower Upper

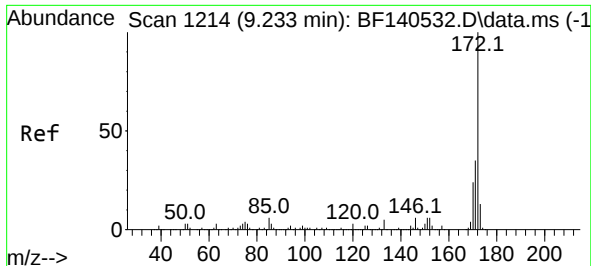
196 100

198 96.4 77.2 115.8

97 53.5 47.1 70.7

132 28.5 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 63.762 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

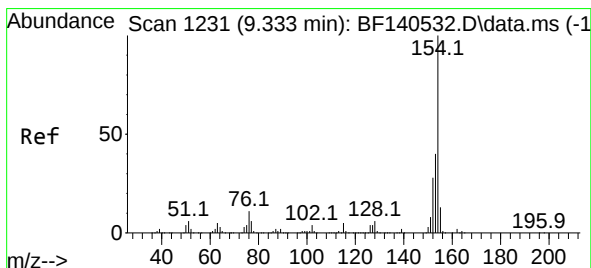
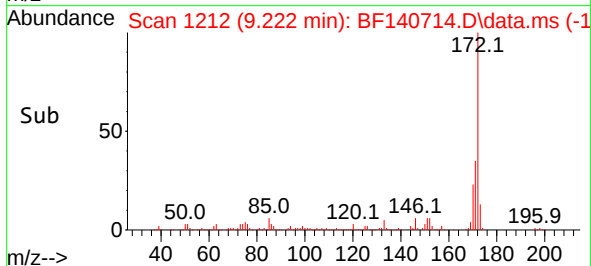
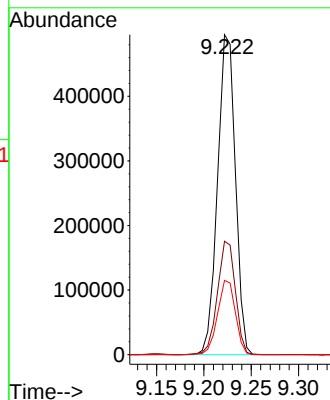
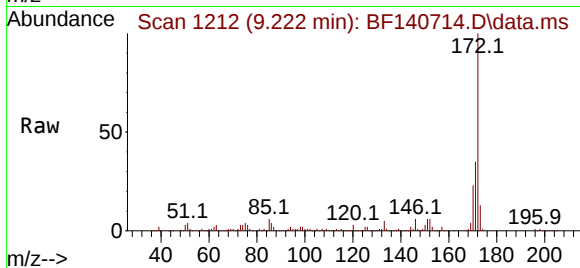
Tgt Ion:172 Resp: 650318

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 50.882 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

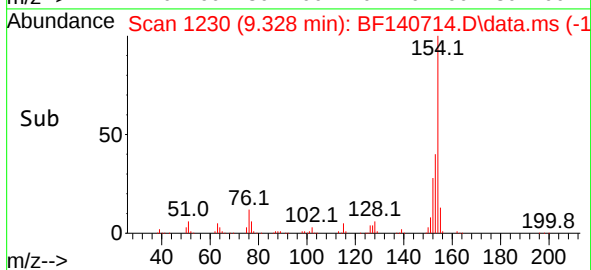
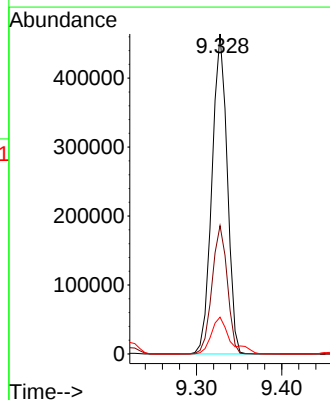
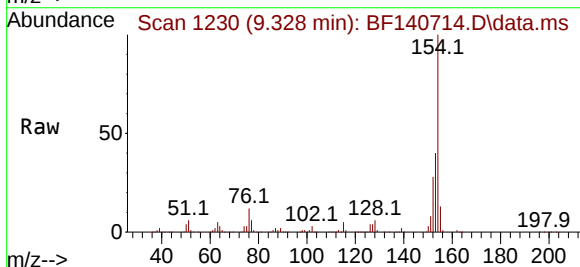
Tgt Ion:154 Resp: 577284

Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 11.5 0.0 31.2

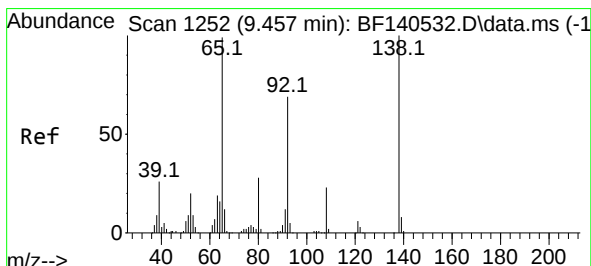
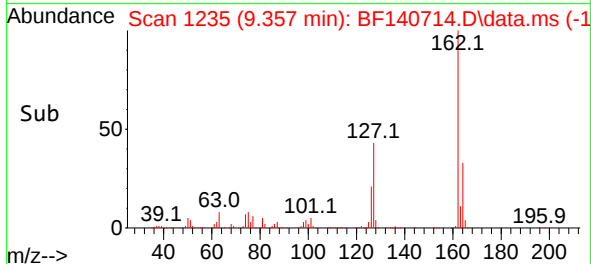
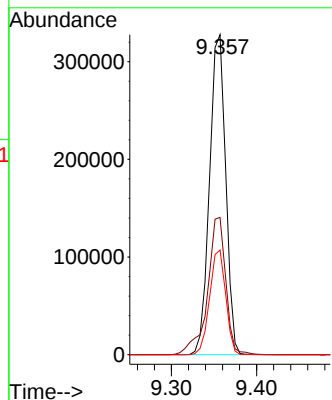
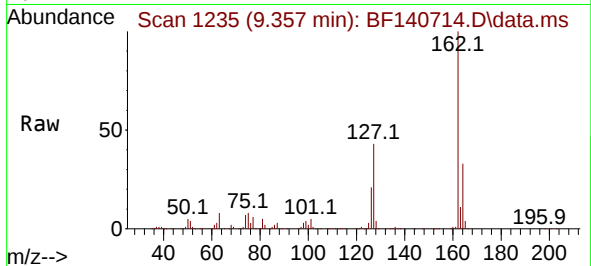




#47
2-Chloronaphthalene
Concen: 50.278 ng
RT: 9.357 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

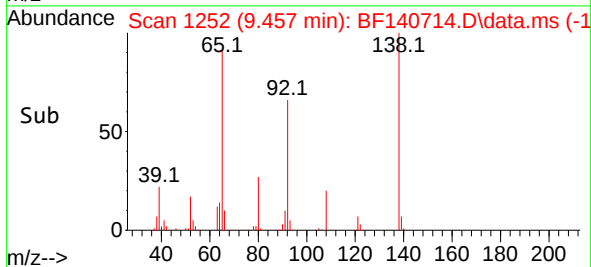
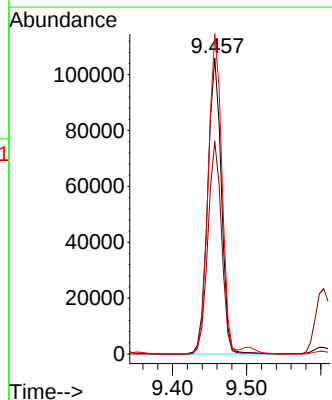
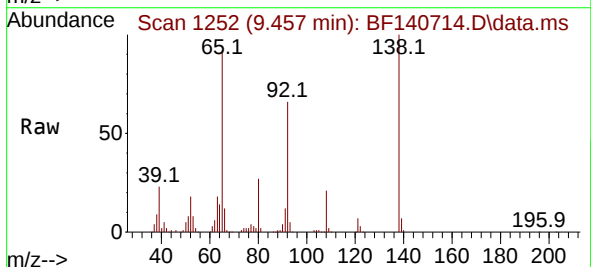
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

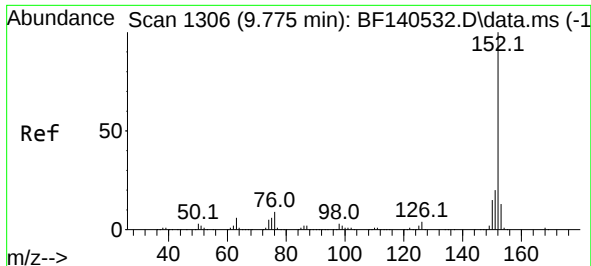
Tgt Ion:162 Resp: 432227
Ion Ratio Lower Upper
162 100
127 42.9 35.7 53.5
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 49.443 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion: 65 Resp: 136434
Ion Ratio Lower Upper
65 100
92 71.8 56.1 84.1
138 108.1 81.0 121.6





#49

Acenaphthylene

Concen: 53.479 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

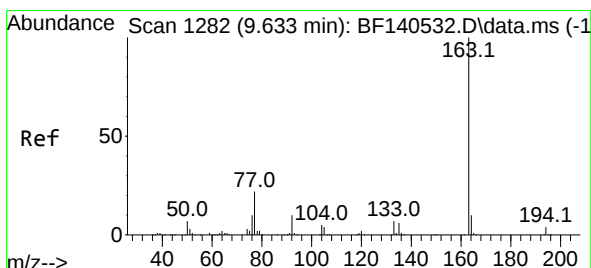
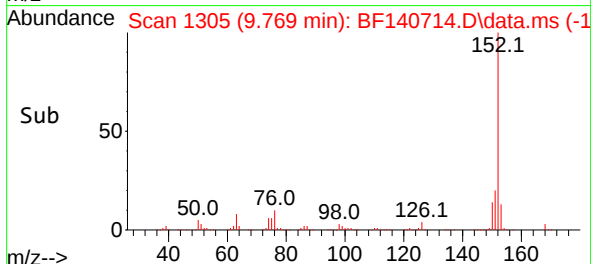
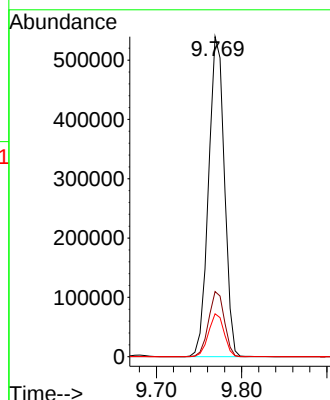
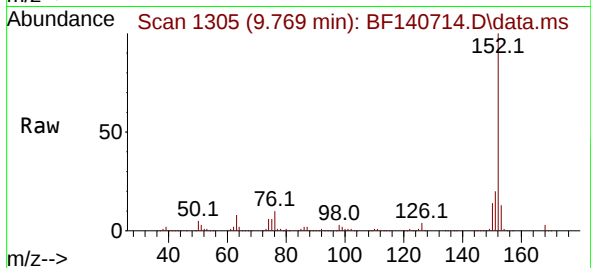
Tgt Ion:152 Resp: 694644

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.4 10.6 16.0



#50

Dimethylphthalate

Concen: 53.268 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

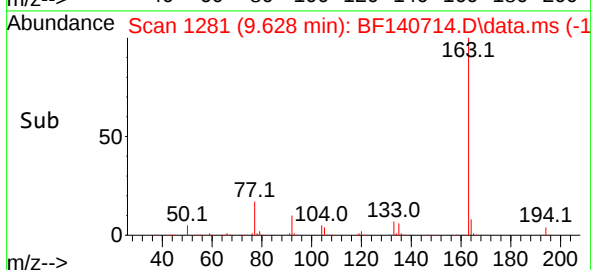
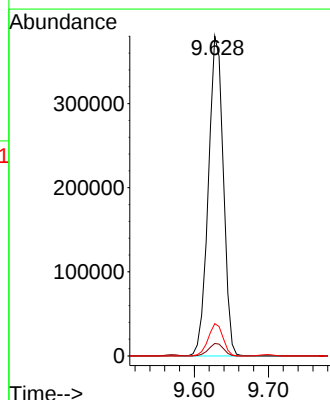
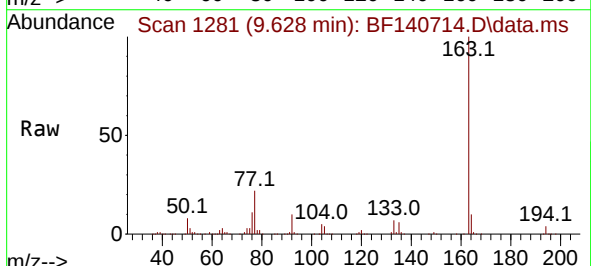
Tgt Ion:163 Resp: 533110

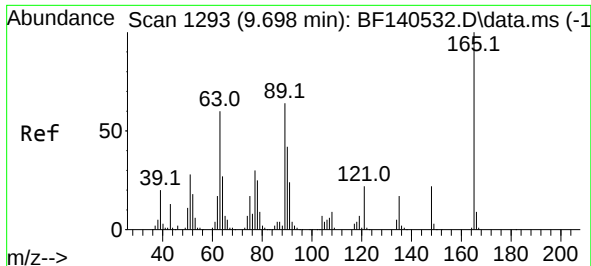
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.2 12.2

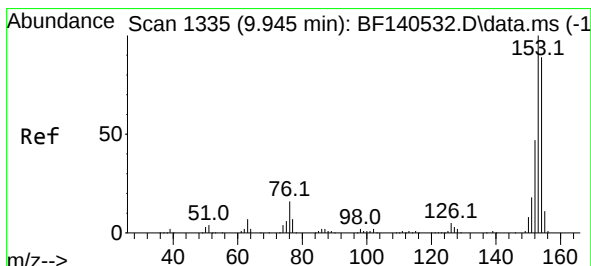
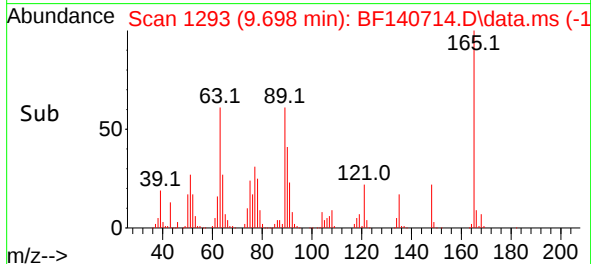
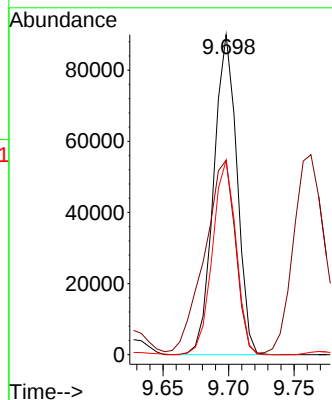
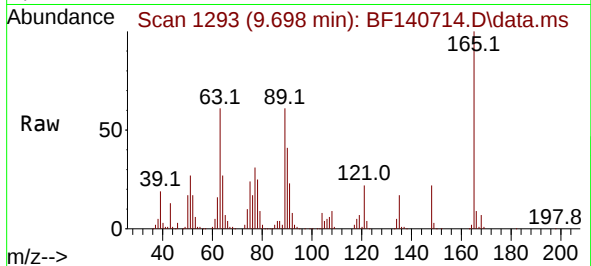




#51
2,6-Dinitrotoluene
Concen: 48.893 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

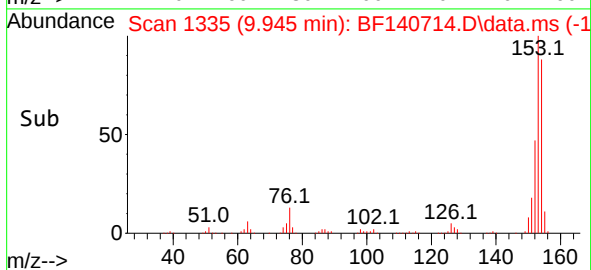
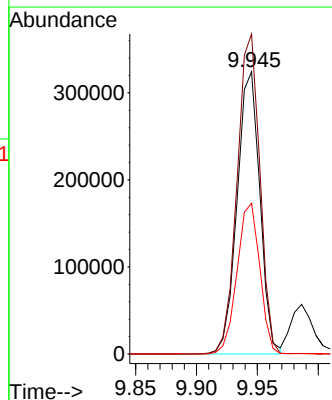
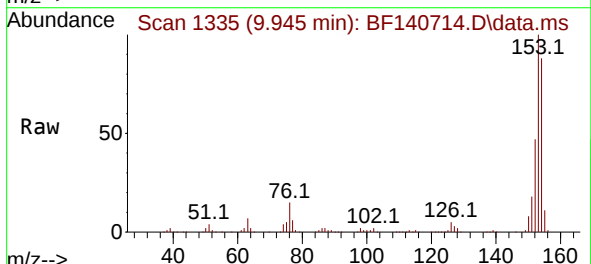
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

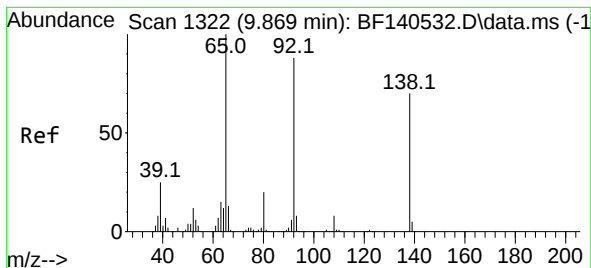
Tgt Ion:165 Resp: 110977
Ion Ratio Lower Upper
165 100
63 60.7 49.9 74.9
89 60.8 50.9 76.3



#52
Acenaphthene
Concen: 51.117 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:154 Resp: 421874
Ion Ratio Lower Upper
154 100
153 113.4 89.7 134.5
152 53.4 42.5 63.7





#53

3-Nitroaniline

Concen: 37.443 ng

RT: 9.869 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

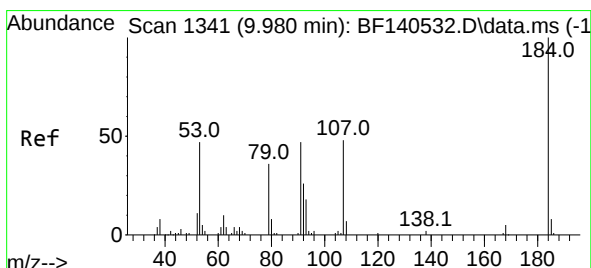
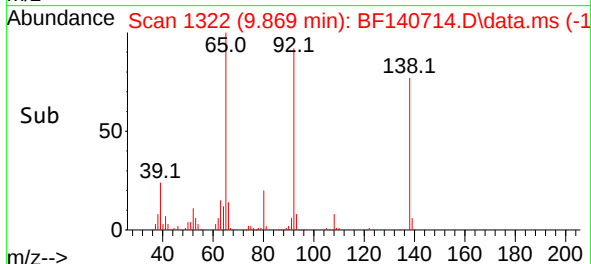
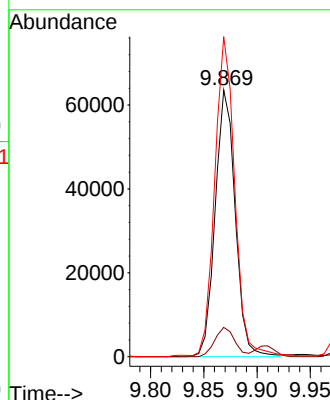
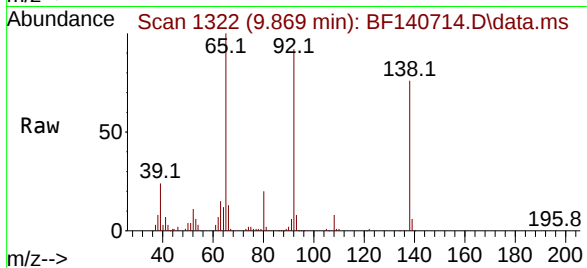
Tgt Ion:138 Resp: 83122

Ion Ratio Lower Upper

138 100

108 11.0 9.2 13.8

92 120.0 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 96.879 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

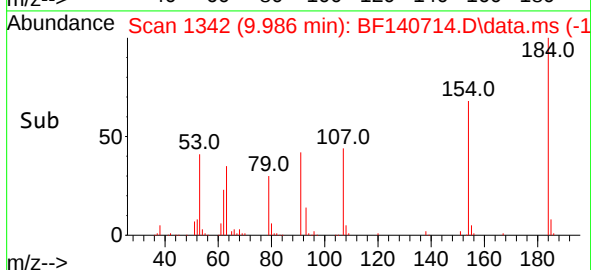
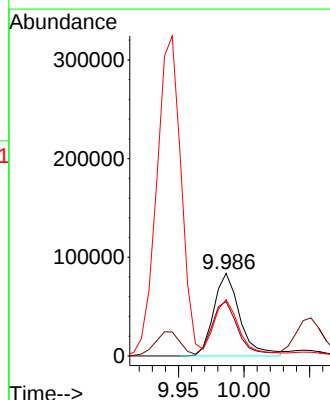
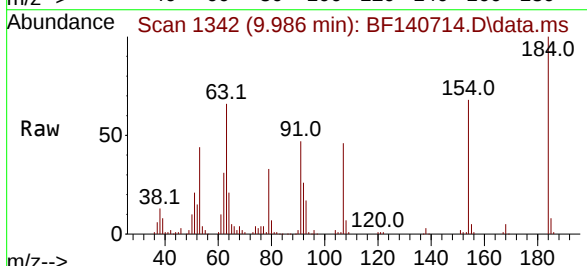
Tgt Ion:184 Resp: 116035

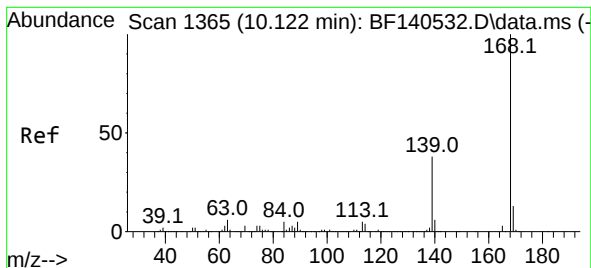
Ion Ratio Lower Upper

184 100

63 66.0 54.1 81.1

154 68.2 57.4 86.0





#55

Dibenzofuran

Concen: 51.122 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

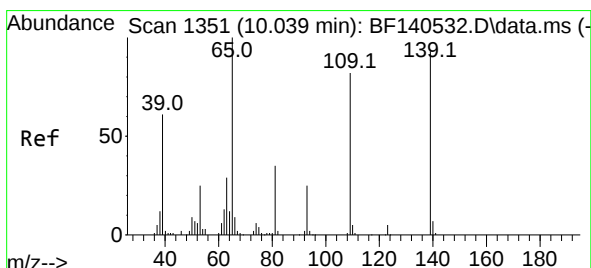
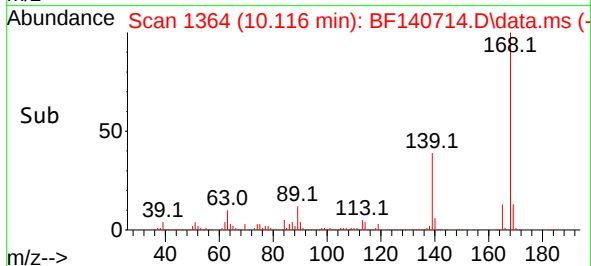
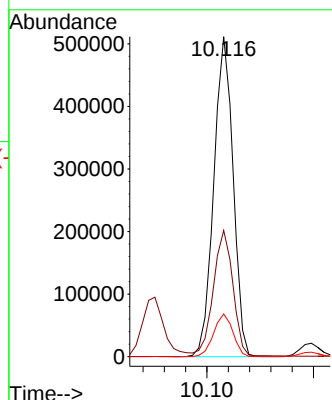
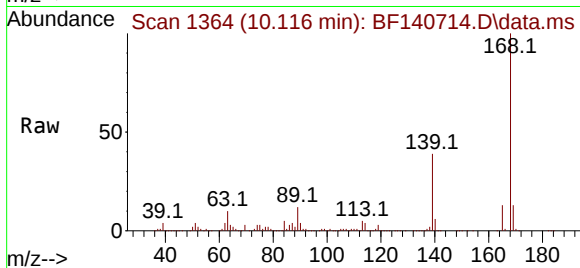
Tgt Ion:168 Resp: 643568

Ion Ratio Lower Upper

168 100

139 39.5 31.3 46.9

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 89.853 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

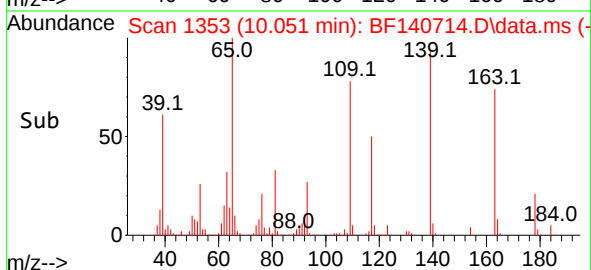
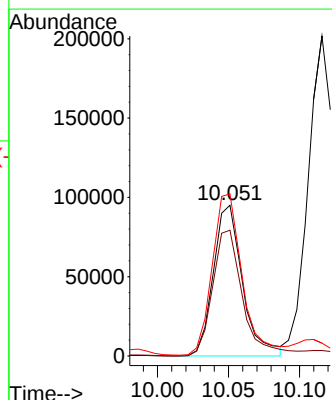
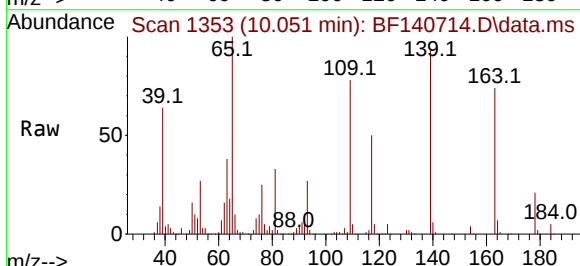
Tgt Ion:139 Resp: 136037

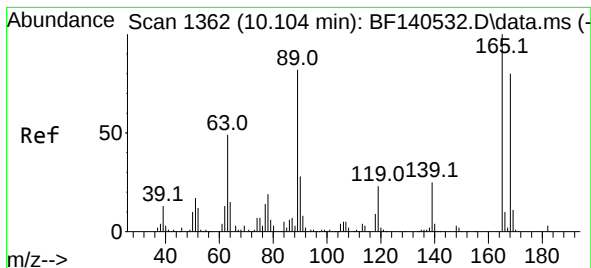
Ion Ratio Lower Upper

139 100

109 83.4 68.4 108.4

65 107.5 88.6 128.6

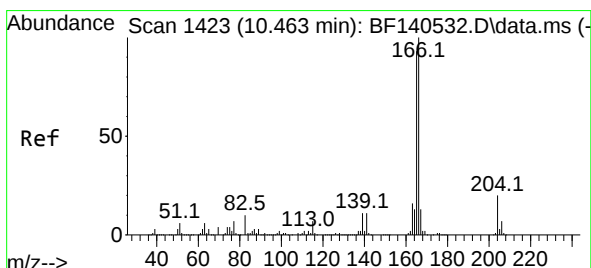
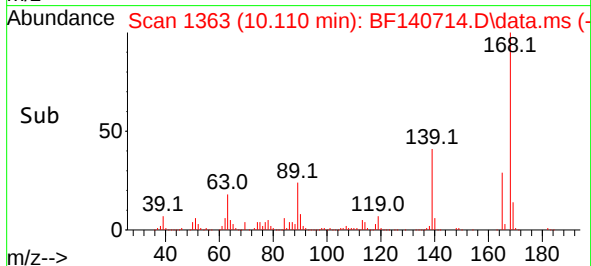
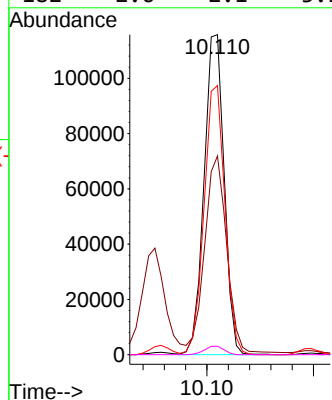
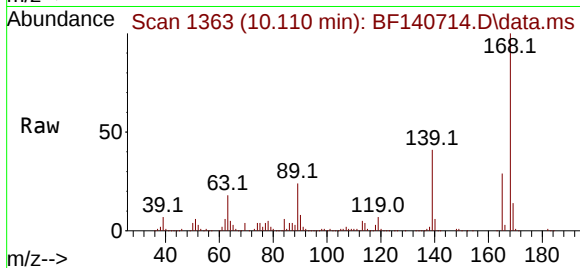




#57
2,4-Dinitrotoluene
Concen: 50.385 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

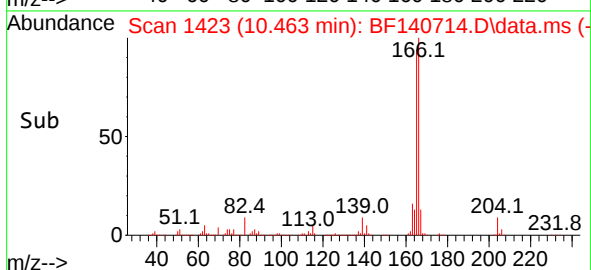
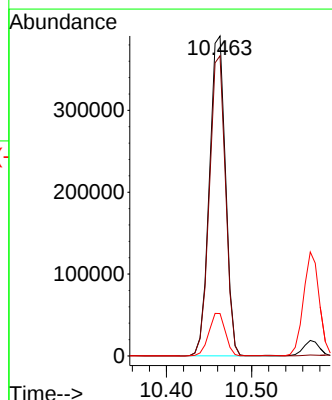
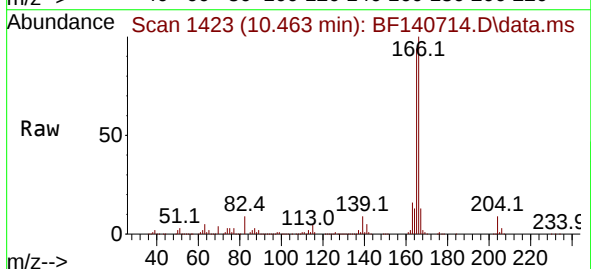
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

Tgt Ion:165 Resp: 151991
Ion Ratio Lower Upper
165 100
63 62.1 41.7 62.5
89 84.1 65.8 98.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 50.886 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:166 Resp: 514186
Ion Ratio Lower Upper
166 100
165 93.8 74.6 111.8
167 13.2 10.6 16.0



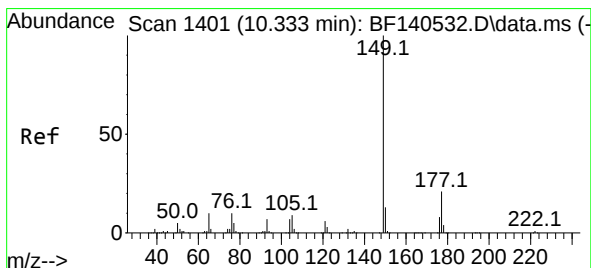
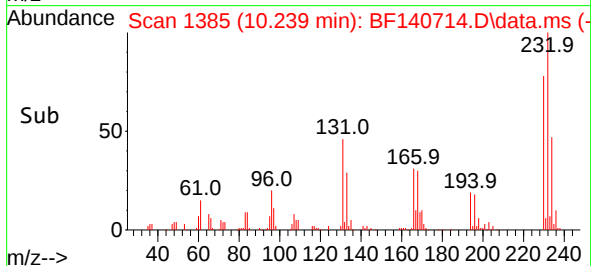
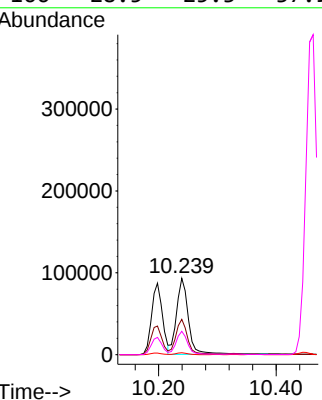
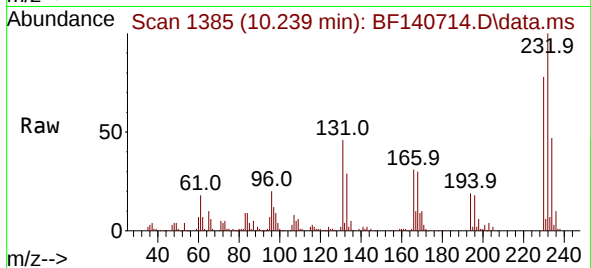


#59
2,3,4,6-Tetrachlorophenol
Concen: 55.812 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

Tgt Ion:232 Resp: 129948

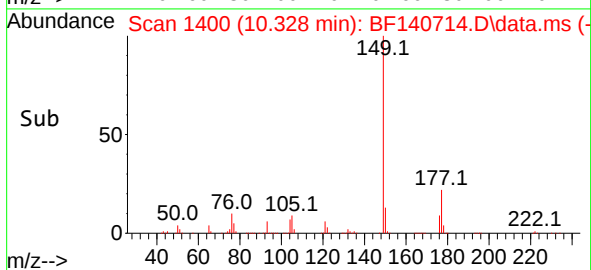
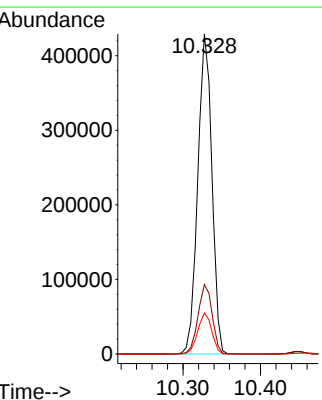
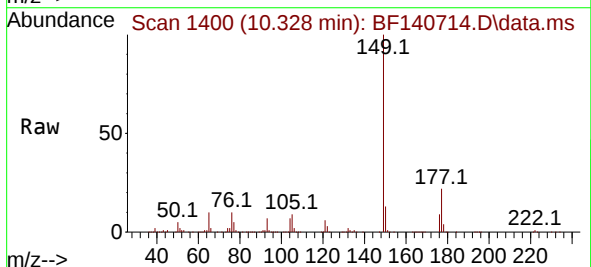
Ion	Ratio	Lower	Upper
232	100		
131	45.6	39.6	59.4
130	2.4	1.9	2.9
166	28.5	25.3	37.9

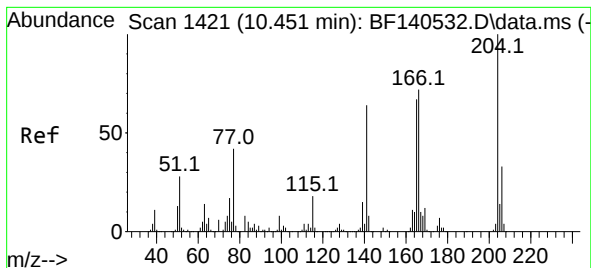


#60
Diethylphthalate
Concen: 53.377 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:149 Resp: 542762

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.8	10.1	15.1

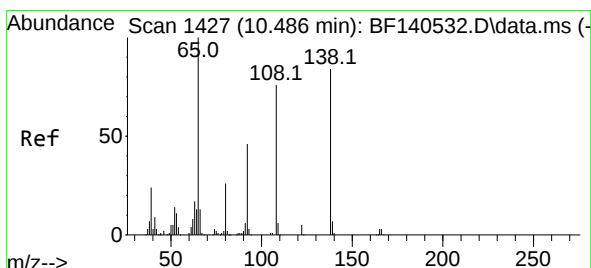
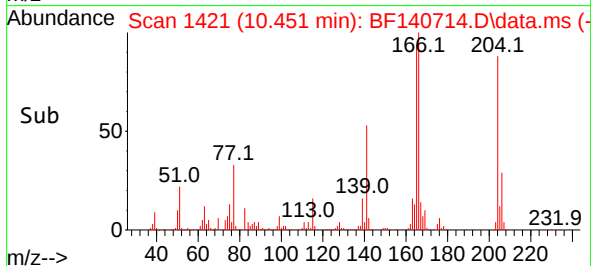
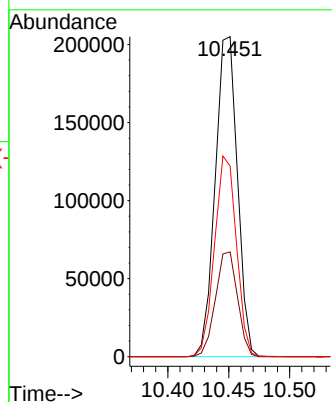
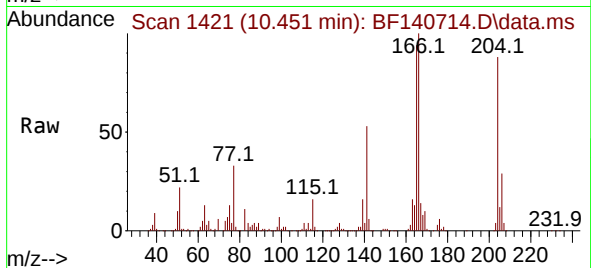




#61
4-Chlorophenyl-phenylether
Concen: 52.545 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

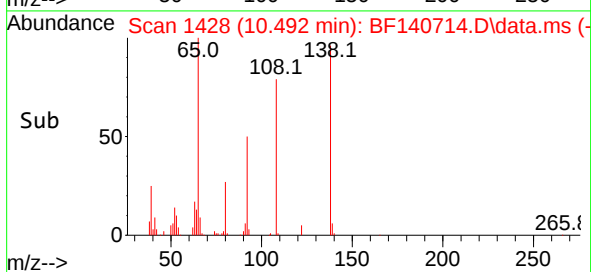
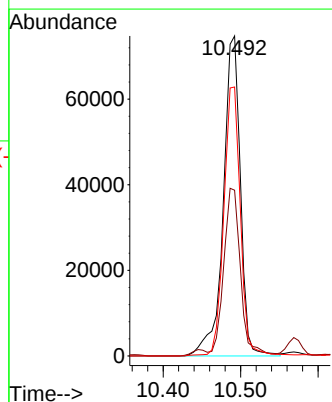
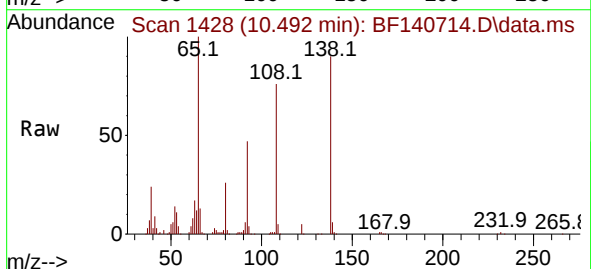
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

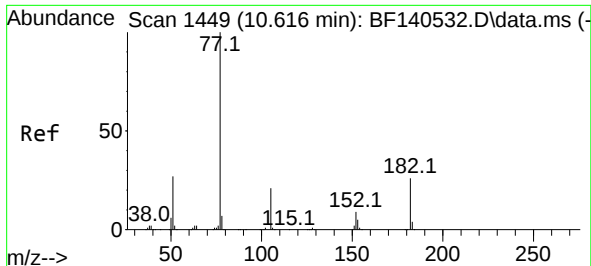
Tgt Ion:204 Resp: 260564
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 59.6 51.1 76.7



#62
4-Nitroaniline
Concen: 49.305 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:138 Resp: 114798
Ion Ratio Lower Upper
138 100
92 51.8 34.5 74.5
108 84.1 70.6 110.6

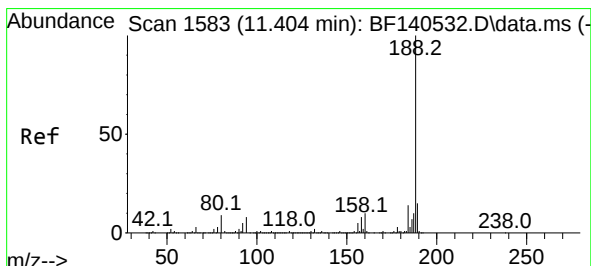
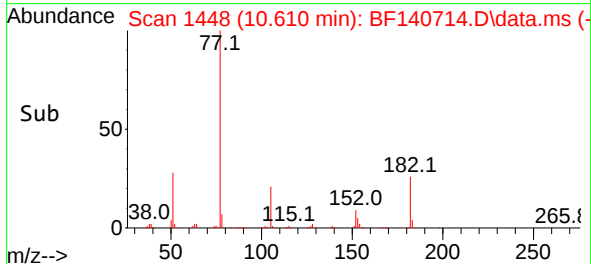
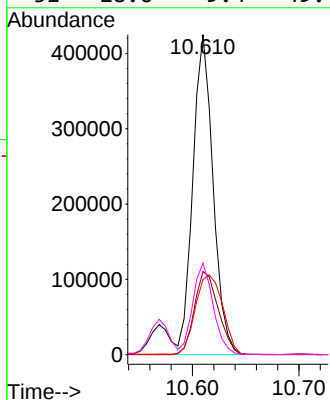
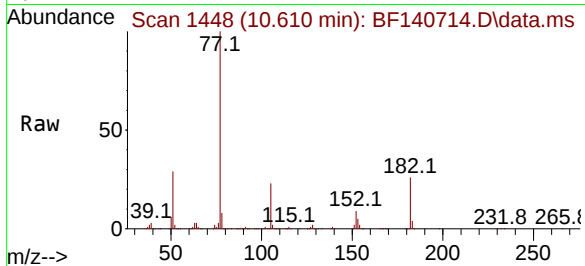




#63
Azobenzene
Concen: 58.028 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

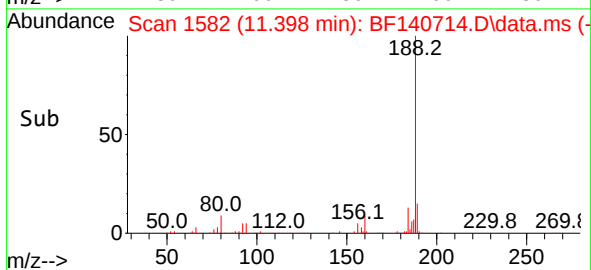
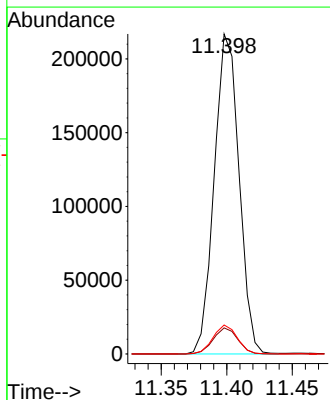
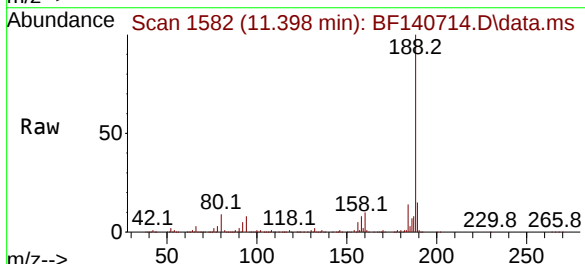
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

Tgt Ion: 77	Resp: 558779
Ion Ratio	Lower Upper
77 100	
182 26.0	5.3 45.3
105 23.5	0.3 40.3
51 28.6	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:188	Resp: 284634
Ion Ratio	Lower Upper
188 100	
94 8.2	6.4 9.6
80 9.1	6.9 10.3

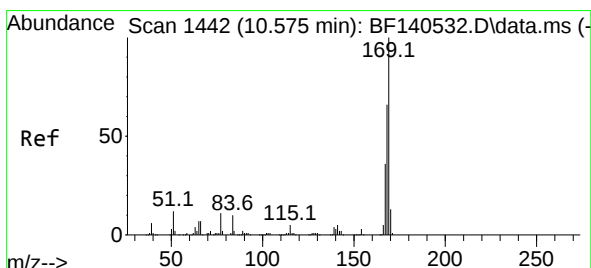
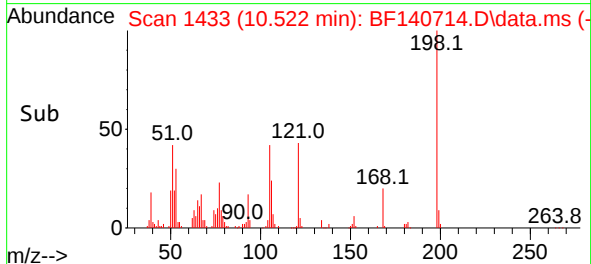
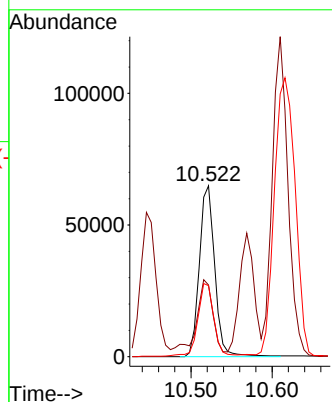
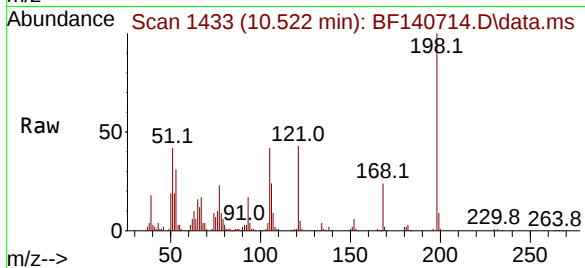




#65
4,6-Dinitro-2-methylphenol
Concen: 58.961 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

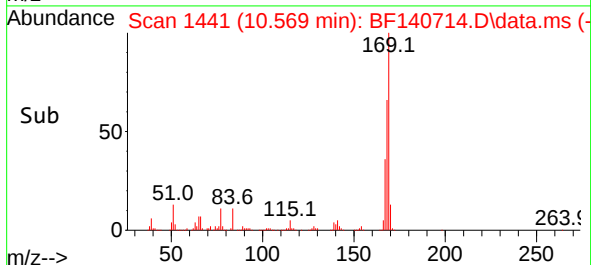
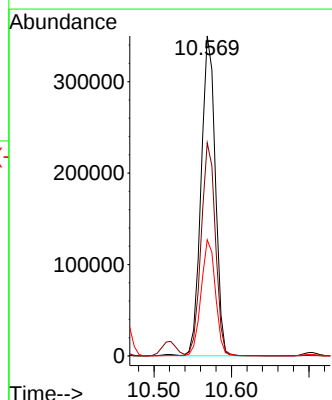
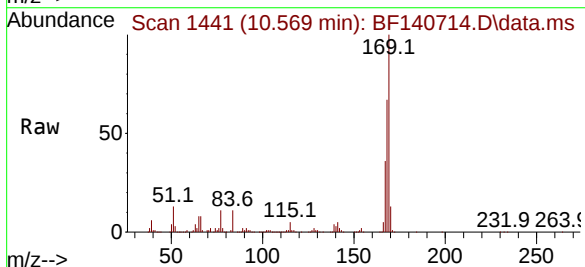
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

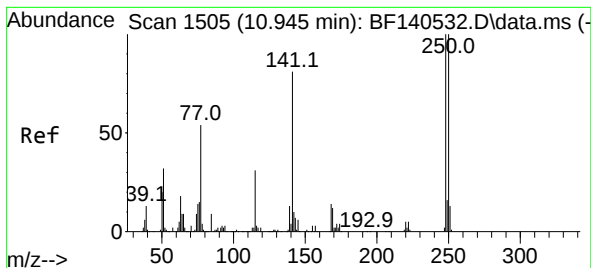
Tgt Ion:198 Resp: 85759
Ion Ratio Lower Upper
198 100
51 41.9 29.4 69.4
105 41.6 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 52.770 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:169 Resp: 444186
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.3 29.0 43.6

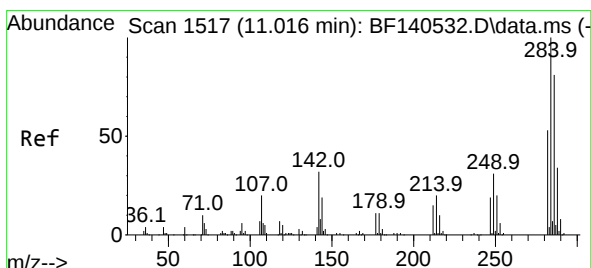
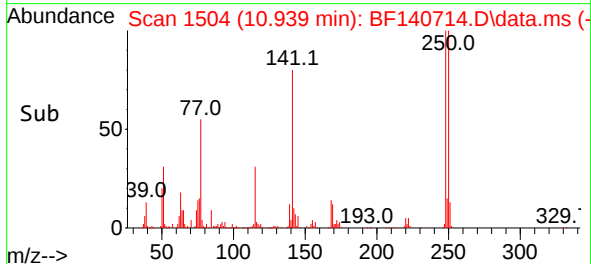
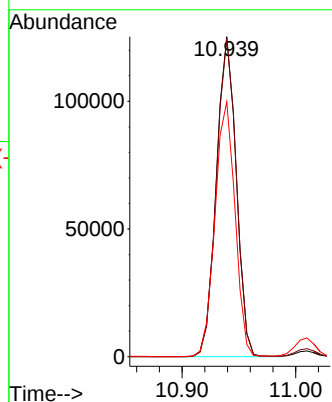
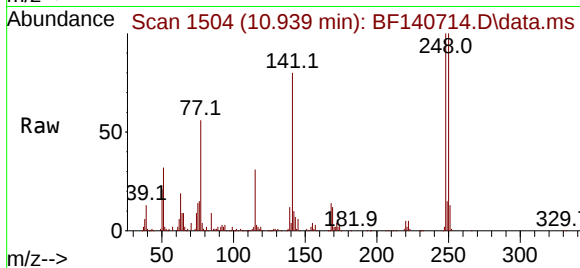




#67
4-Bromophenyl-phenylether
Concen: 52.076 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

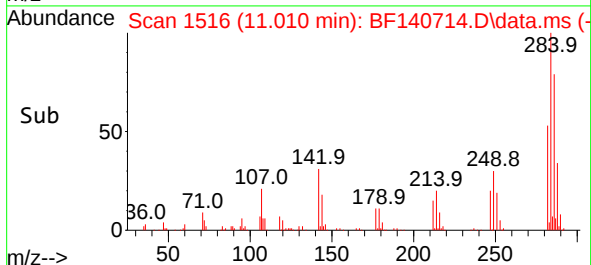
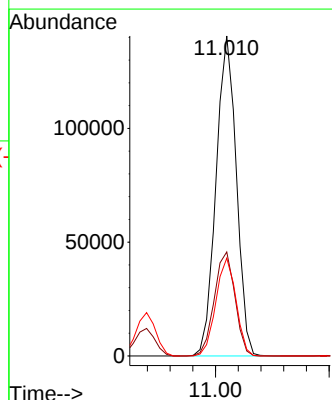
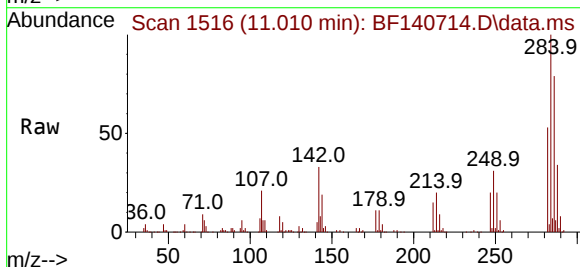
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

Tgt Ion:248 Resp: 152650
Ion Ratio Lower Upper
248 100
250 99.5 79.8 119.8
141 79.6 64.7 97.1



#68
Hexachlorobenzene
Concen: 51.473 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:284 Resp: 174709
Ion Ratio Lower Upper
284 100
142 32.5 25.3 37.9
249 30.6 24.8 37.2





#69

Atrazine

Concen: 64.254 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

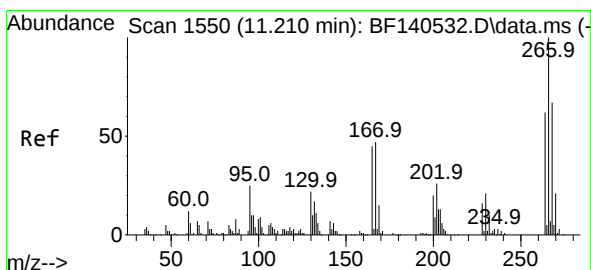
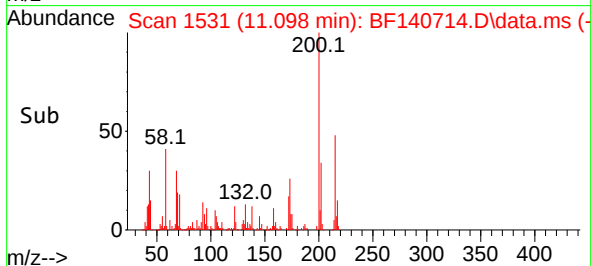
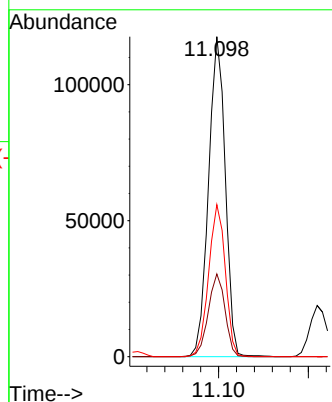
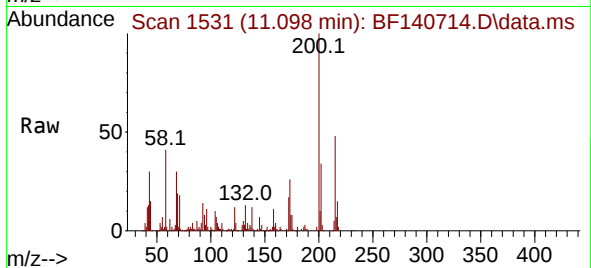
Tgt Ion:200 Resp: 152152

Ion Ratio Lower Upper

200 100

173 25.9 7.0 47.0

215 47.5 26.7 66.7



#70

Pentachlorophenol

Concen: 100.051 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

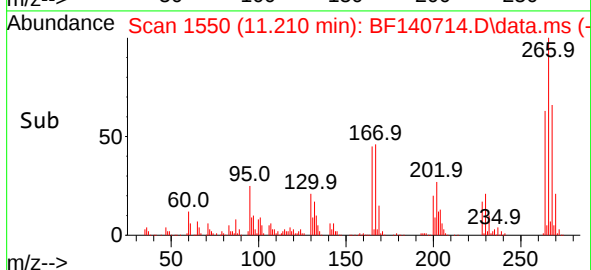
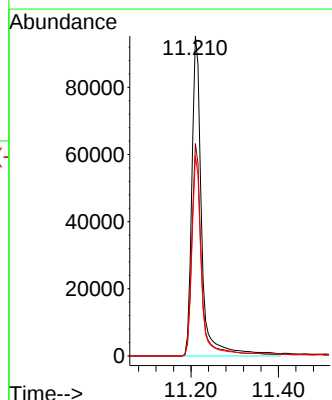
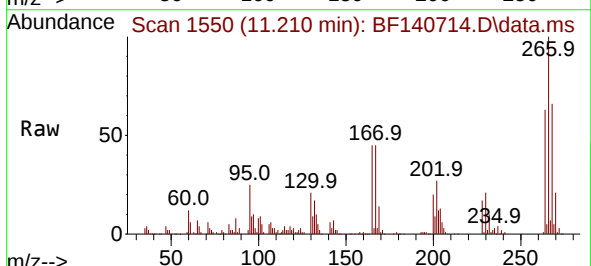
Tgt Ion:266 Resp: 149461

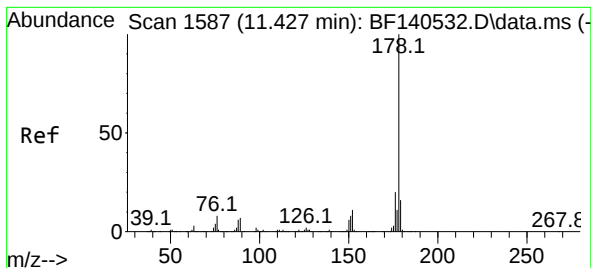
Ion Ratio Lower Upper

266 100

268 66.3 53.7 80.5

264 62.6 49.8 74.8





#71

Phenanthrene

Concen: 52.168 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

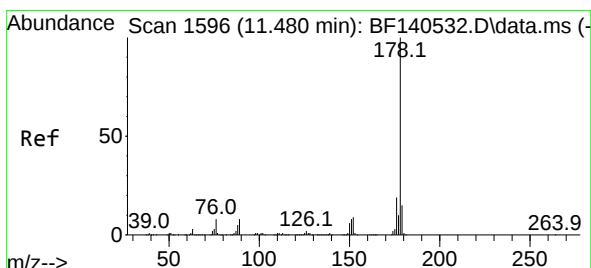
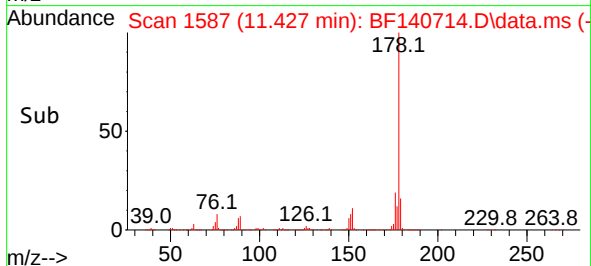
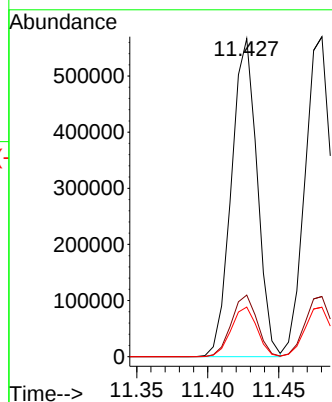
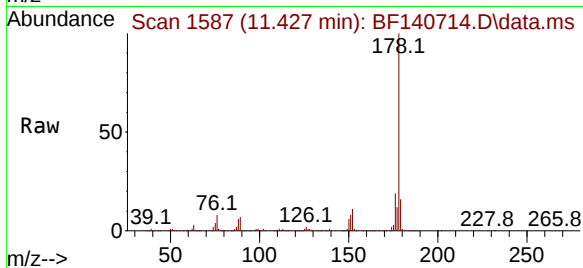
Tgt Ion:178 Resp: 713773

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

179 15.6 12.4 18.6



#72

Anthracene

Concen: 55.269 ng

RT: 11.480 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

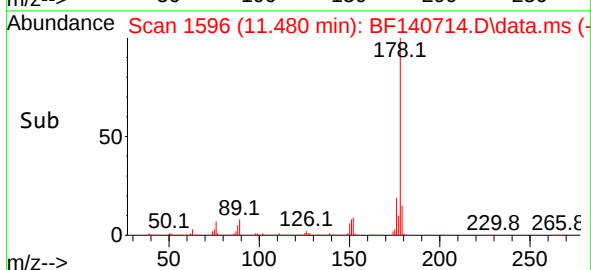
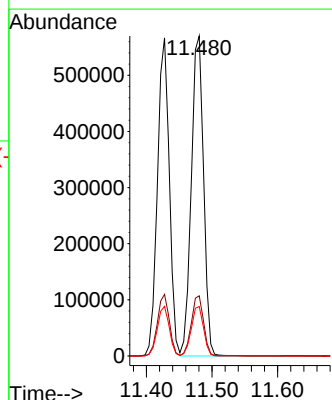
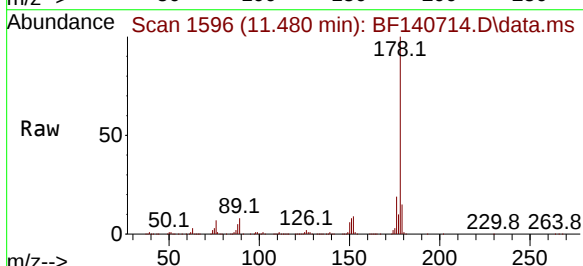
Tgt Ion:178 Resp: 739701

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.4 12.2 18.4





#73

Carbazole

Concen: 50.646 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

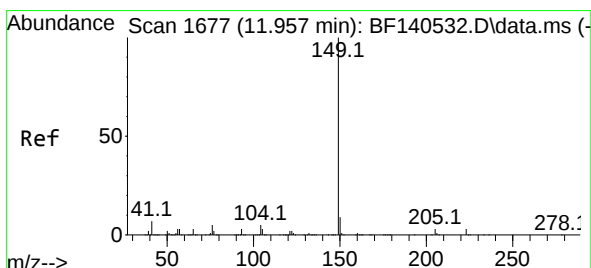
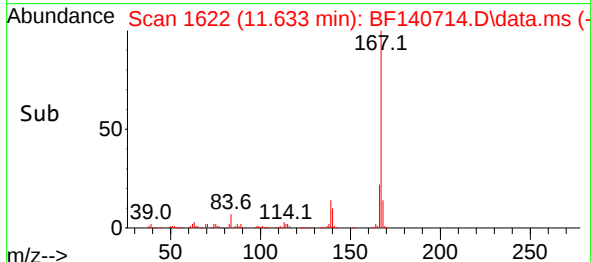
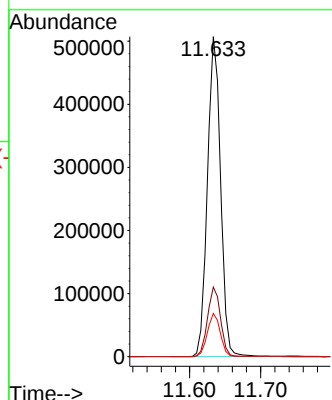
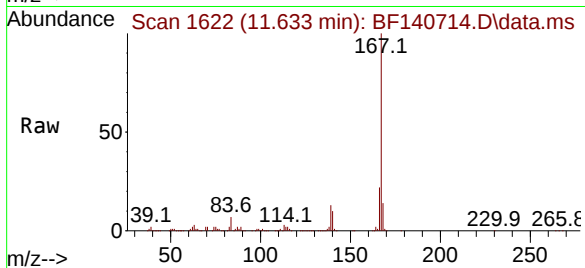
Tgt Ion:167 Resp: 652073

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.5 10.6 15.8



#74

Di-n-butylphthalate

Concen: 56.325 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

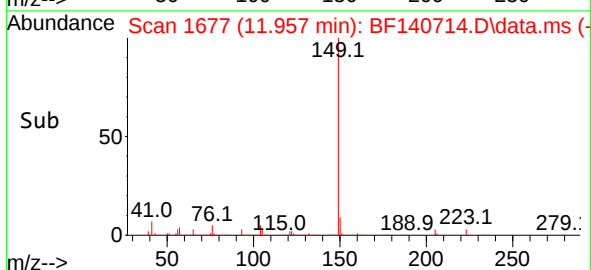
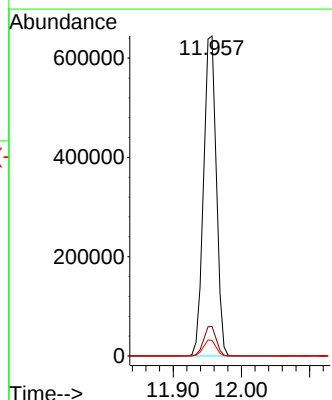
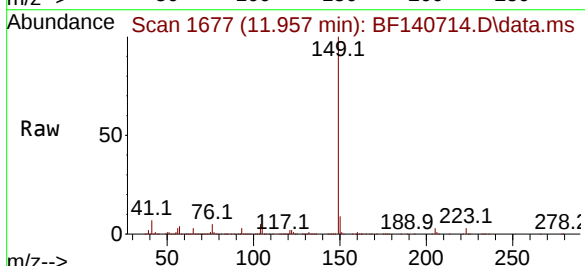
Tgt Ion:149 Resp: 837231

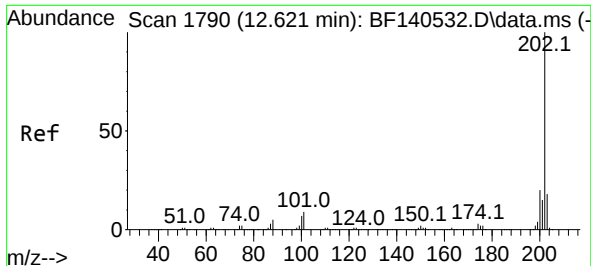
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.9 4.1 6.1

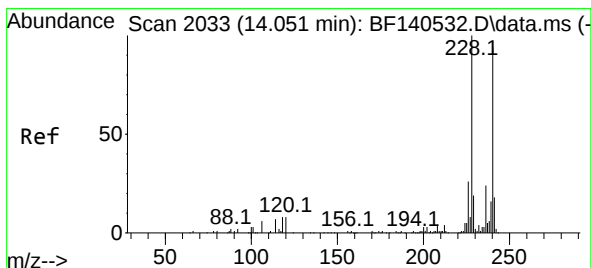
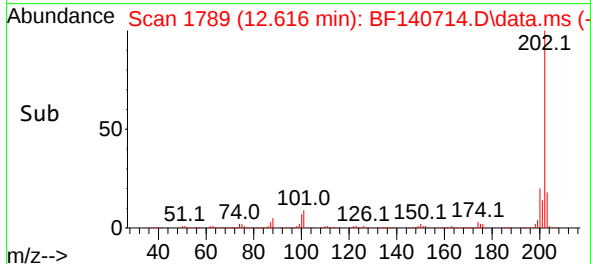
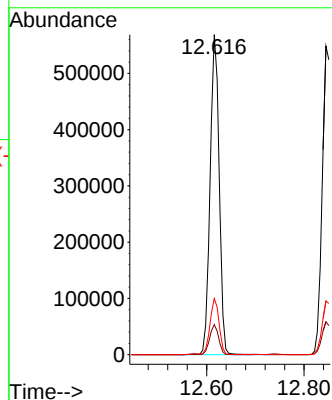
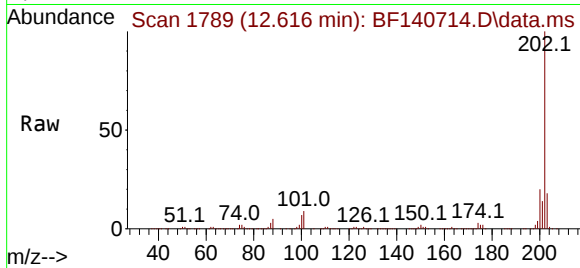




#75
Fluoranthene
Concen: 49.184 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

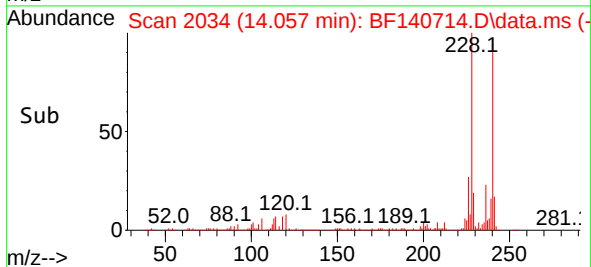
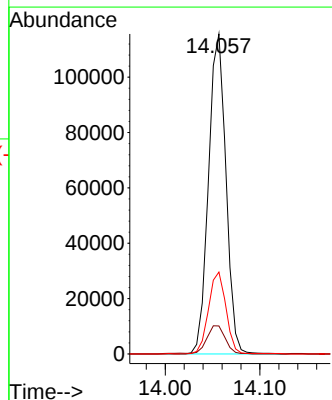
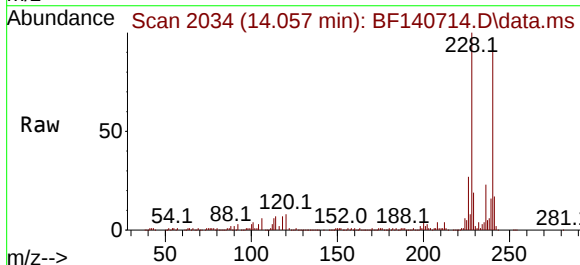
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

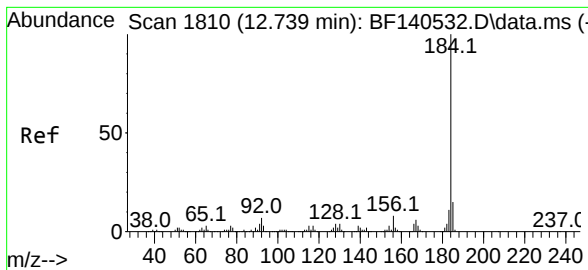
Tgt Ion:202 Resp: 730638
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.9
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

Tgt Ion:240 Resp: 148106
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 25.6 20.6 31.0

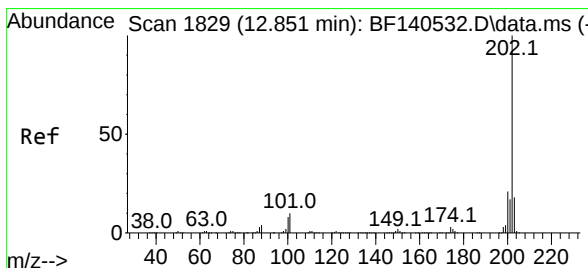
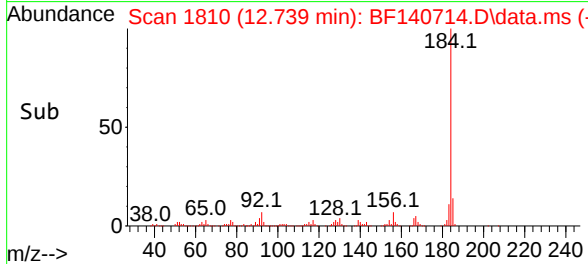
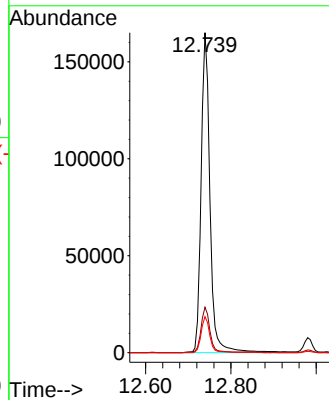
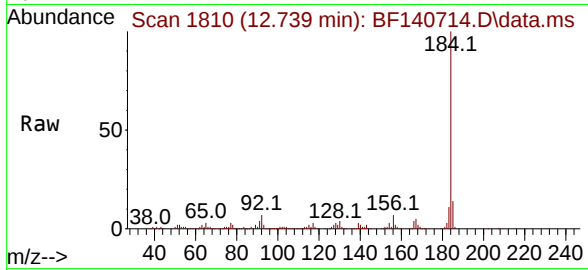




#77
Benzidine
Concen: 55.378 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

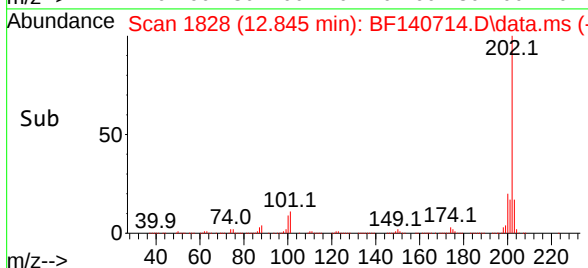
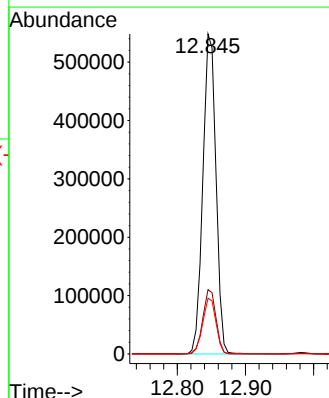
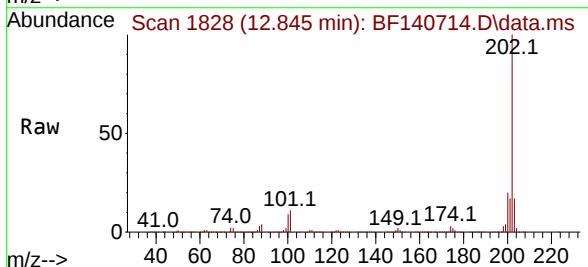
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MS

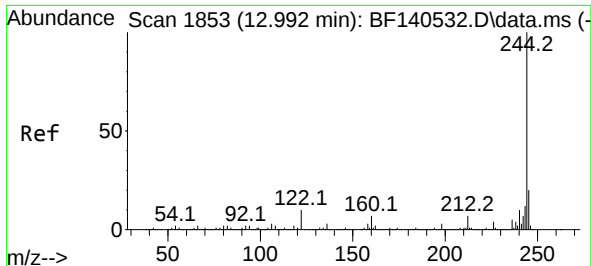
Tgt Ion:184 Resp: 238462
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.2 8.8 13.2



#78
Pyrene
Concen: 53.495 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140714.D
Acq: 03 Dec 2024 16:42

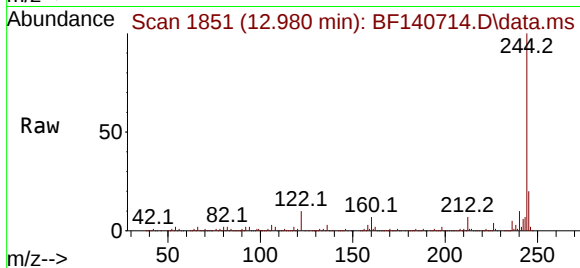
Tgt Ion:202 Resp: 732578
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.4 14.2 21.4



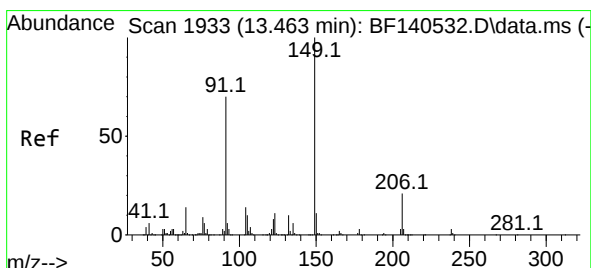
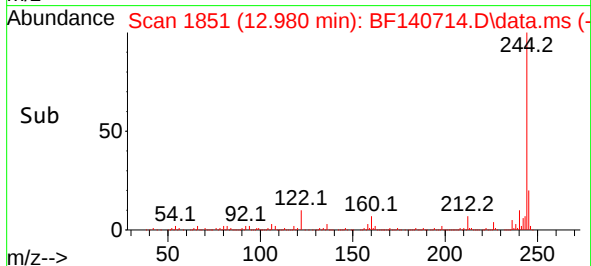
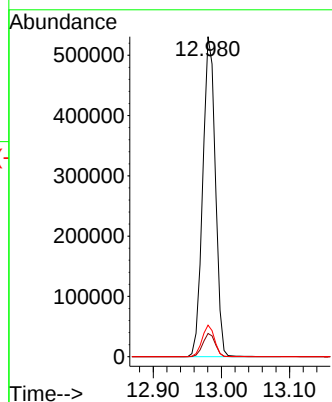


#79
 Terphenyl-d14
 Concen: 71.830 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140714.D
 Acq: 03 Dec 2024 16:42

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63MS

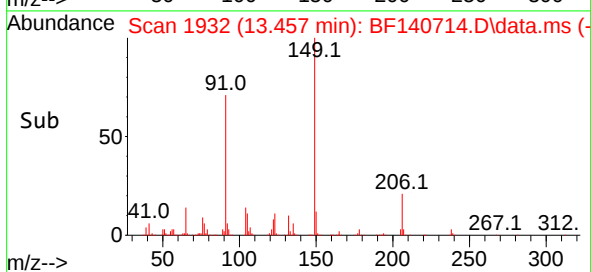
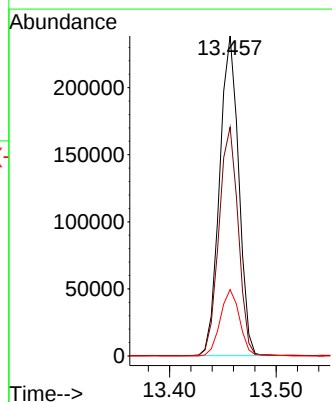
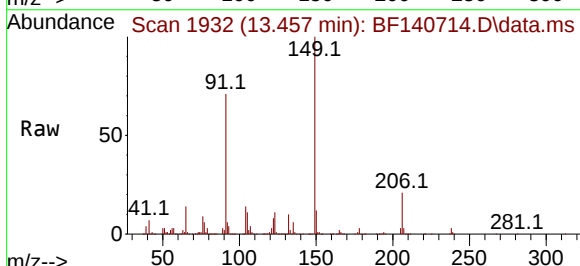


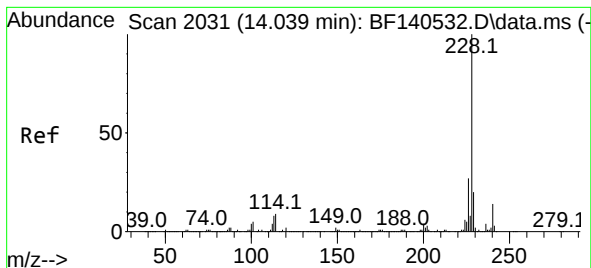
Tgt Ion:244 Resp: 683209
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.9 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 59.985 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140714.D
 Acq: 03 Dec 2024 16:42

Tgt Ion:149 Resp: 295917
 Ion Ratio Lower Upper
 149 100
 91 71.5 56.2 84.2
 206 20.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.270 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

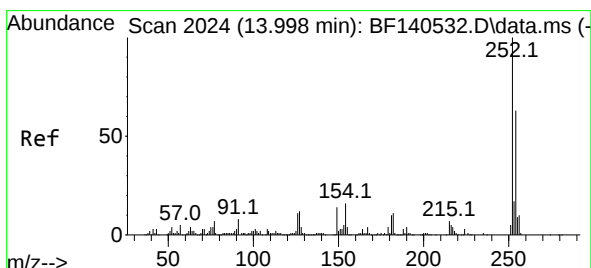
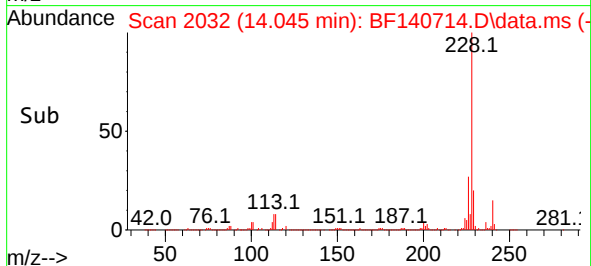
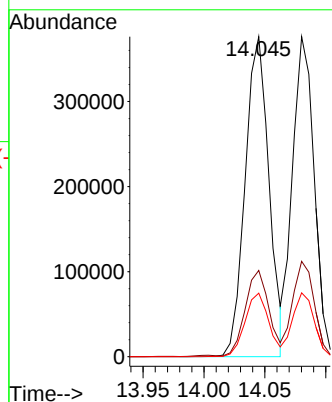
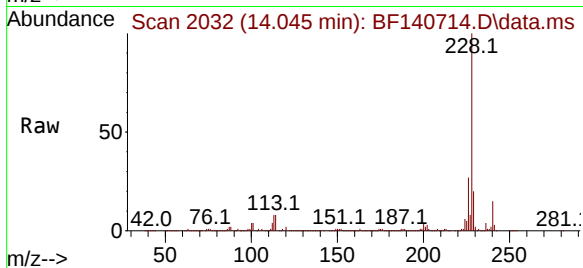
Tgt Ion:228 Resp: 512458

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 36.871 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

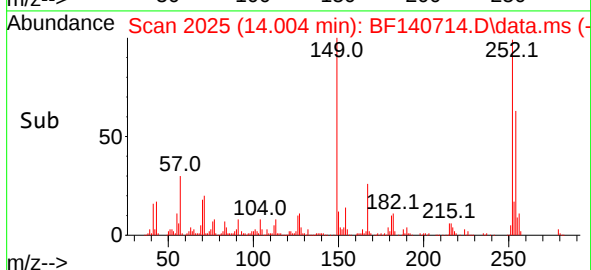
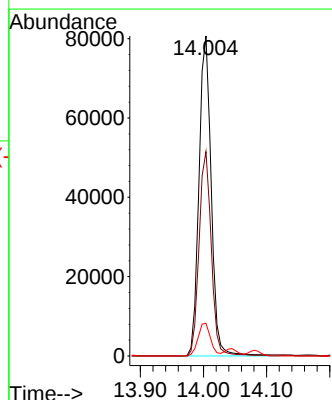
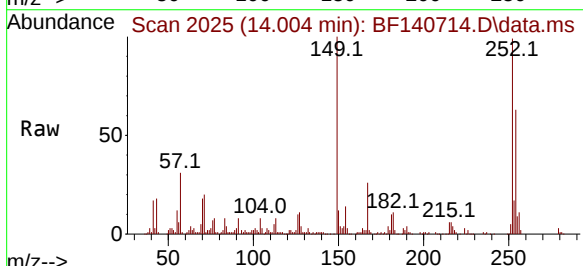
Tgt Ion:252 Resp: 108531

Ion Ratio Lower Upper

252 100

254 63.8 50.8 76.2

126 10.2 8.6 13.0





#83

Chrysene

Concen: 52.280 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

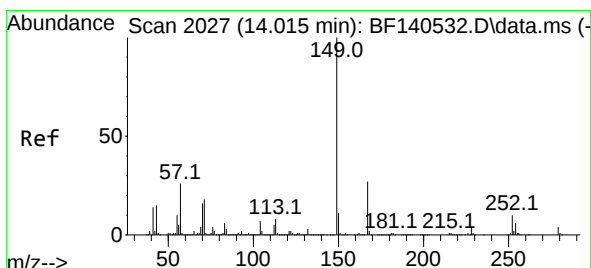
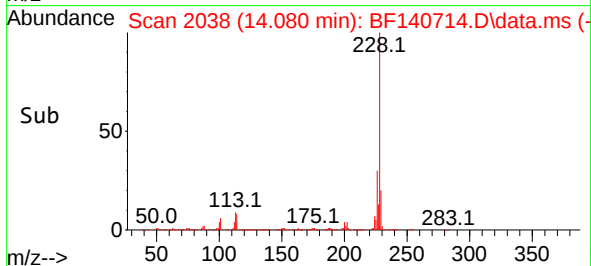
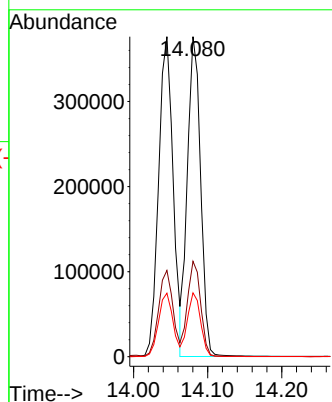
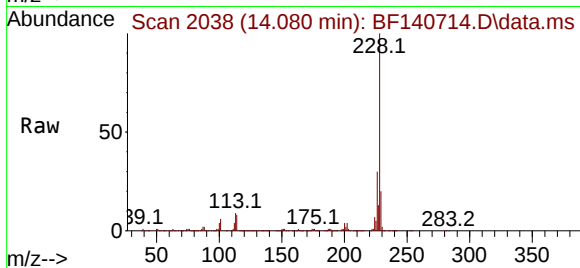
Tgt Ion:228 Resp: 468678

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.548 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

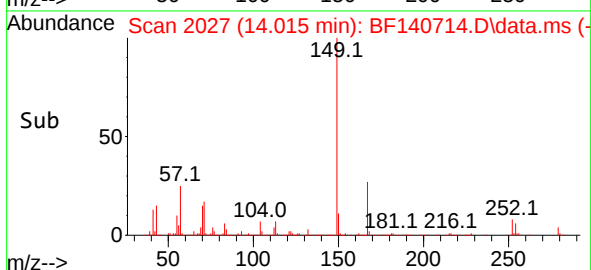
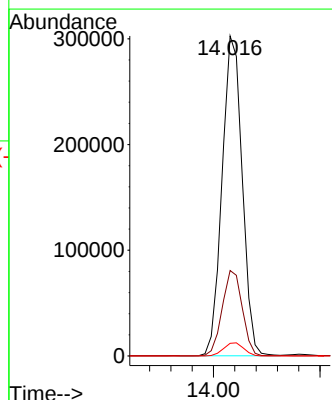
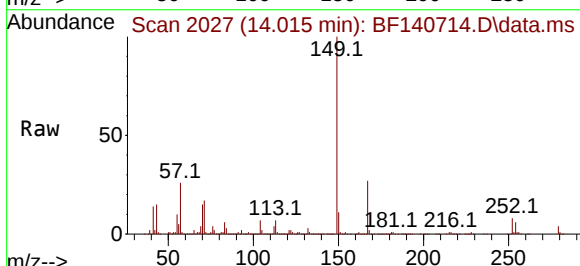
Tgt Ion:149 Resp: 395852

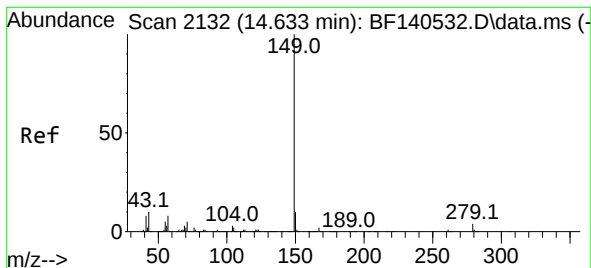
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 65.082 ng

RT: 14.657 min Scan# 2136

Delta R.T. 0.024 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

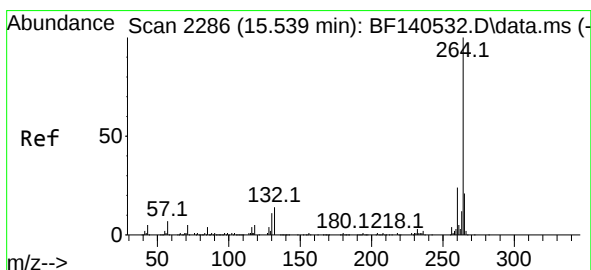
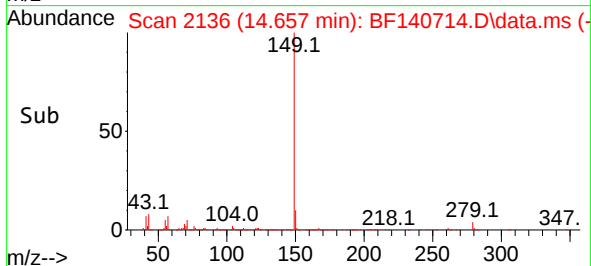
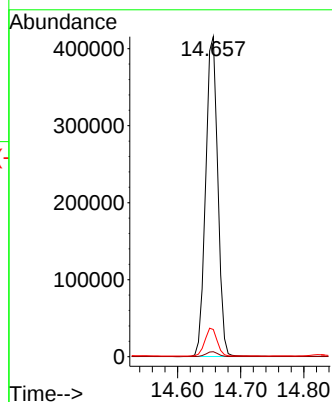
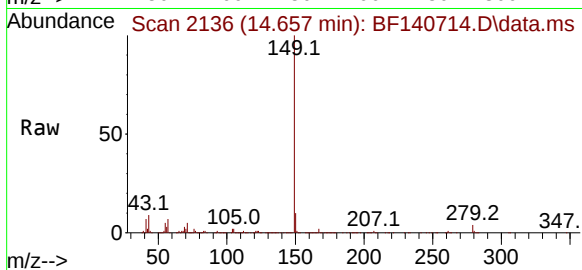
Tgt Ion:149 Resp: 554042

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.024 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

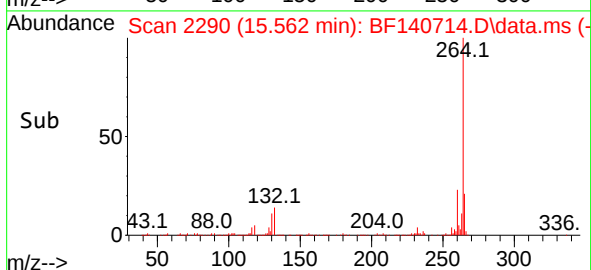
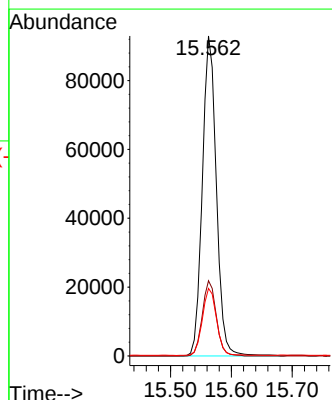
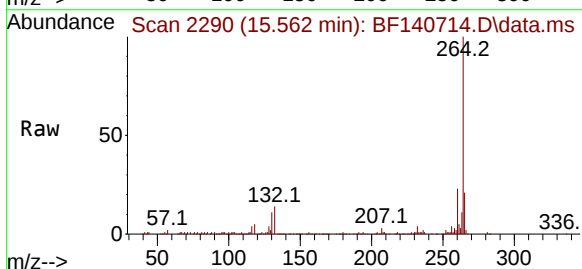
Tgt Ion:264 Resp: 148978

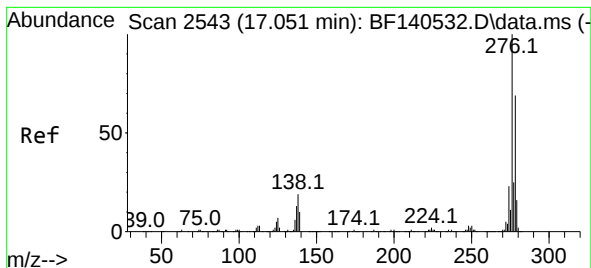
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.984 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

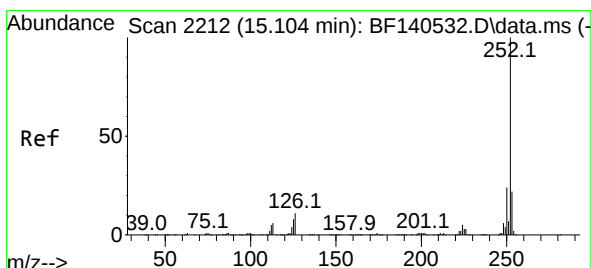
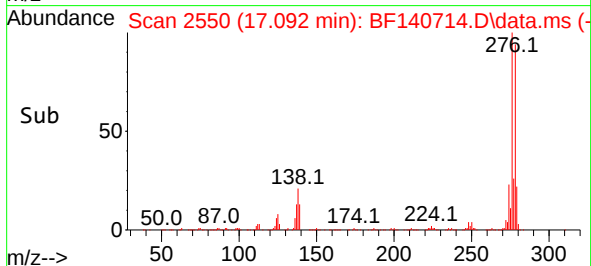
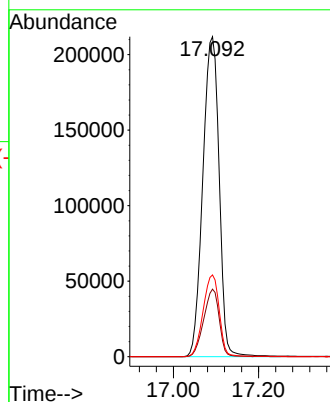
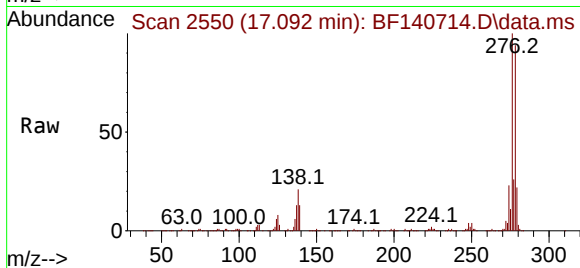
Tgt Ion:276 Resp: 562953

Ion Ratio Lower Upper

276 100

138 20.1 15.5 23.3

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.763 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.024 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

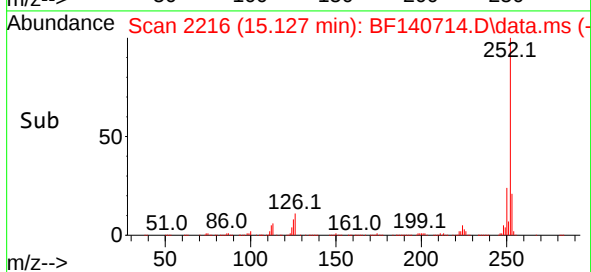
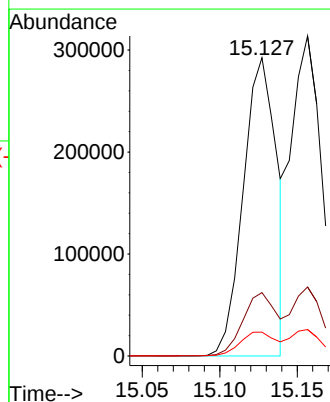
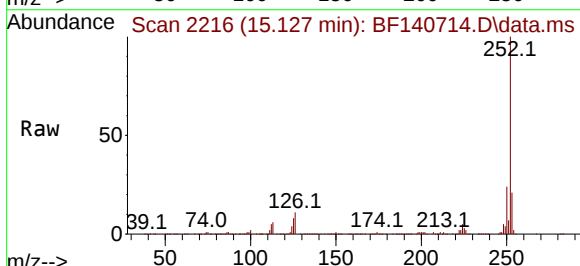
Tgt Ion:252 Resp: 437590

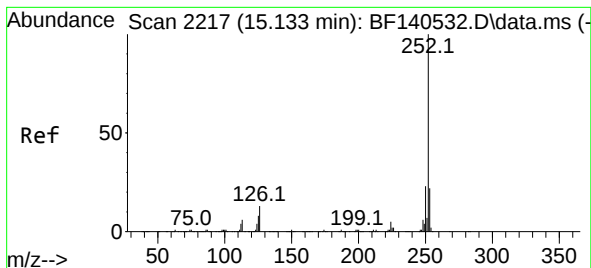
Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 8.0 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 52.439 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

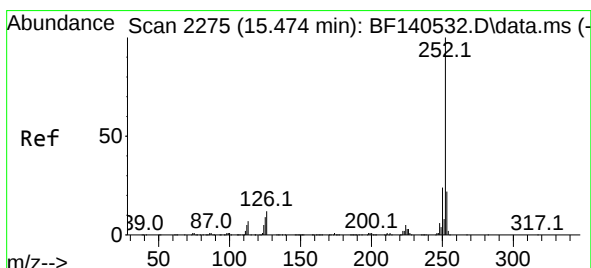
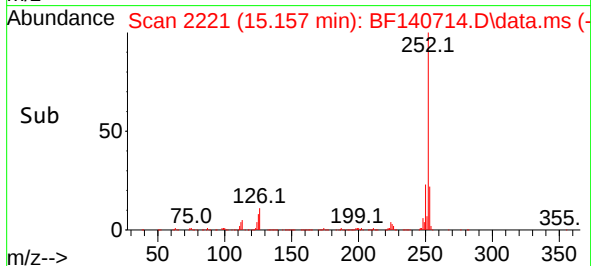
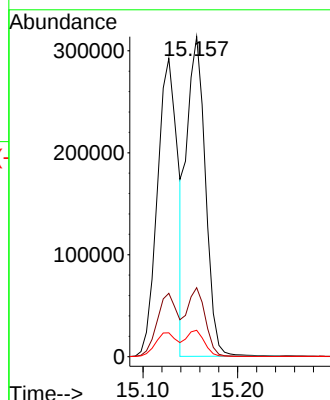
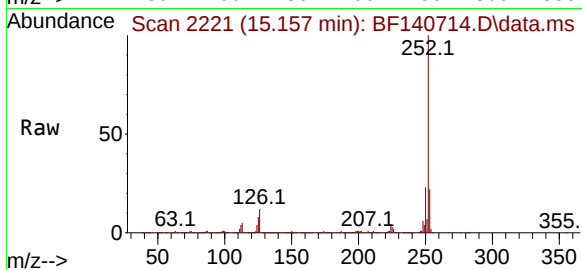
Tgt Ion:252 Resp: 429403

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.2 6.5 9.7



#90

Benzo(a)pyrene

Concen: 55.318 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.029 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

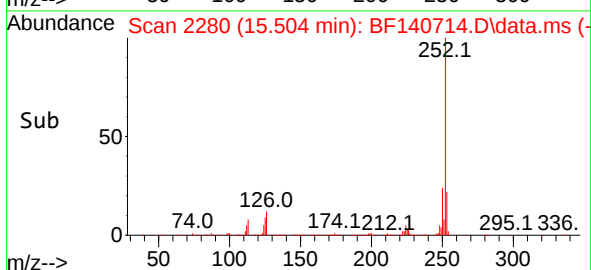
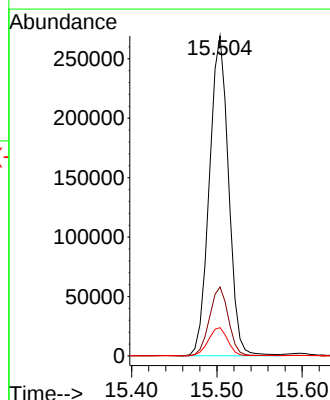
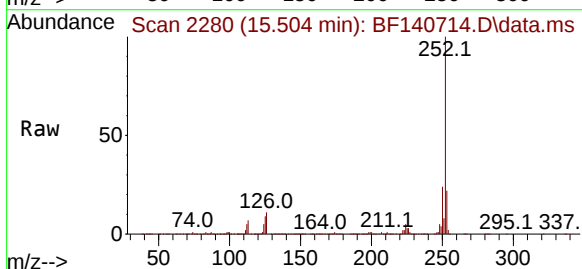
Tgt Ion:252 Resp: 420885

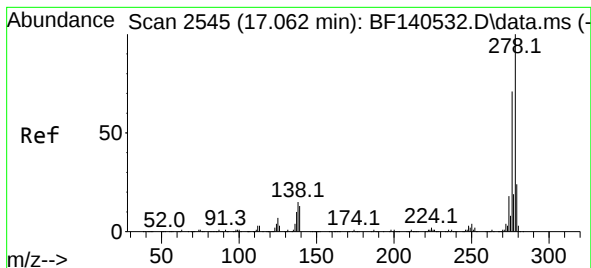
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.9 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 58.197 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MS

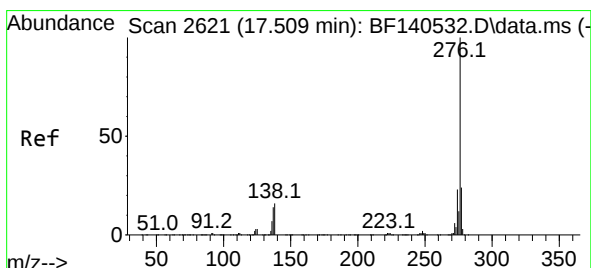
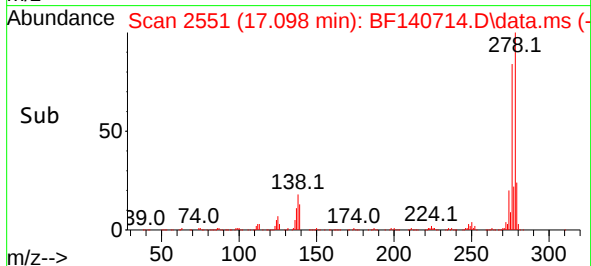
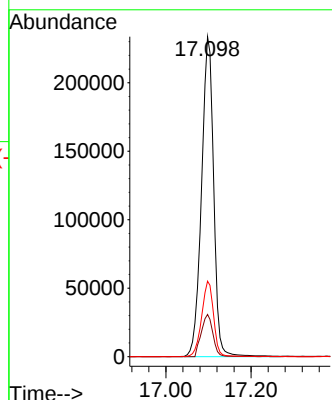
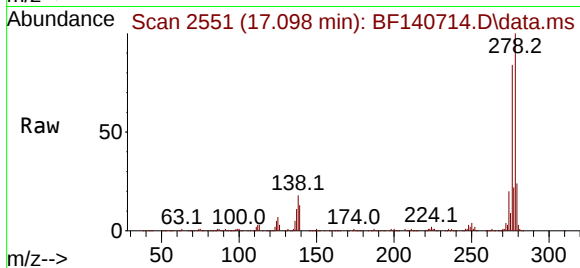
Tgt Ion:278 Resp: 462731

Ion Ratio Lower Upper

278 100

139 13.2 10.2 15.4

279 23.6 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 52.355 ng

RT: 17.545 min Scan# 2627

Delta R.T. 0.035 min

Lab File: BF140714.D

Acq: 03 Dec 2024 16:42

Tgt Ion:276 Resp: 424785

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 17.2 13.2 19.8

