

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140715.D
 Acq On : 03 Dec 2024 17:08
 Operator : RC/JU
 Sample : P5052-19MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 03 17:29:25 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	77448	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	291501	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	161248	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	295257	20.000	ng	0.00
76) Chrysene-d12	14.063	240	146649	20.000	ng	0.01
86) Perylene-d12	15.586	264	156187	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	393083	86.598	ng	0.00
7) Phenol-d6	6.510	99	512791	85.452	ng	0.00
23) Nitrobenzene-d5	7.434	82	335398	58.853	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	154090	89.350	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	675051	62.375	ng	-0.01
79) Terphenyl-d14	12.980	244	656802	69.740	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	84548	44.301	ng	98
3) Pyridine	3.469	79	198354	47.237	ng	99
4) n-Nitrosodimethylamine	3.422	42	113158	45.851	ng	93
6) Aniline	6.534	93	233942	55.387	ng	89
8) 2-Chlorophenol	6.663	128	250321	51.259	ng	95
9) Benzaldehyde	6.422	77	84345	26.550	ng	99
10) Phenol	6.528	94	317265	51.769	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	230628	49.178	ng	99
12) 1,3-Dichlorobenzene	6.810	146	262940	47.918	ng	99
13) 1,4-Dichlorobenzene	6.887	146	266943	48.045	ng	99
14) 1,2-Dichlorobenzene	7.040	146	252732	48.544	ng	99
15) Benzyl Alcohol	7.016	79	230760	51.853	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	283278	51.131	ng	85
17) 2-Methylphenol	7.134	107	191772	49.057	ng	96
18) Hexachloroethane	7.381	117	99875	48.129	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	178079	50.212	ng	98
20) 3+4-Methylphenols	7.287	107	254766	50.703	ng	# 90
22) Acetophenone	7.281	105	341626	48.071	ng	98
24) Nitrobenzene	7.451	77	273432	46.423	ng	99
25) Isophorone	7.692	82	482785	50.791	ng	100
26) 2-Nitrophenol	7.769	139	131975	50.562	ng	99
27) 2,4-Dimethylphenol	7.810	122	189161	60.570	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	289824	50.050	ng	100
29) 2,4-Dichlorophenol	8.016	162	208149	50.299	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	221133	46.801	ng	99
31) Naphthalene	8.175	128	726269	48.370	ng	99
32) Benzoic acid	7.951	122	114785	43.100	ng	95
33) 4-Chloroaniline	8.228	127	105728	23.519	ng	98
34) Hexachlorobutadiene	8.287	225	154136	49.251	ng	99
35) Caprolactam	8.604	113	40648	31.740	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	229288	49.487	ng	99
37) 2-Methylnaphthalene	8.863	142	478569	50.181	ng	100
38) 1-Methylnaphthalene	8.963	142	441368	47.215	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	239347	50.703	ng	99
41) Hexachlorocyclopentadiene	9.016	237	174818	157.031	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	147791	49.894	ng	99

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Quant Time: Dec 03 17:29:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	155731	48.443	ng	97
46) 1,1'-Biphenyl	9.328	154	604766	50.234	ng	100
47) 2-Chloronaphthalene	9.357	162	445685	48.857	ng	98
48) 2-Nitroaniline	9.457	65	142177	48.557	ng	97
49) Acenaphthylene	9.769	152	717496	52.057	ng	99
50) Dimethylphthalate	9.628	163	555924	52.348	ng	100
51) 2,6-Dinitrotoluene	9.698	165	116382	48.322	ng	96
52) Acenaphthene	9.945	154	442073	50.479	ng	100
53) 3-Nitroaniline	9.869	138	84131	35.715	ng	97
54) 2,4-Dinitrophenol	9.986	184	115359	91.261	ng	96
55) Dibenzofuran	10.116	168	668951	50.078	ng	99
56) 4-Nitrophenol	10.051	139	141182	87.880	ng	95
57) 2,4-Dinitrotoluene	10.104	165	157534	49.215	ng	97
58) Fluorene	10.463	166	528346	49.276	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	132785	53.745	ng	94
60) Diethylphthalate	10.328	149	565927	52.450	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	268668	51.058	ng	99
62) 4-Nitroaniline	10.492	138	115157	46.611	ng	96
63) Azobenzene	10.610	77	580155	56.778	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	88763	58.831	ng	93
66) n-Nitrosodiphenylamine	10.569	169	465888	53.357	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	158348	52.076	ng	98
68) Hexachlorobenzene	11.010	284	177367	50.376	ng	99
69) Atrazine	11.098	200	155145	63.161	ng	100
70) Pentachlorophenol	11.210	266	150651	97.219	ng	99
71) Phenanthrene	11.428	178	725957	51.150	ng	100
72) Anthracene	11.480	178	754191	54.324	ng	100
73) Carbazole	11.633	167	659921	49.411	ng	100
74) Di-n-butylphthalate	11.957	149	846424	54.894	ng	99
75) Fluoranthene	12.616	202	726057	47.117	ng	99
77) Benzidine	12.739	184	236835	55.546	ng	99
78) Pyrene	12.845	202	717414	52.908	ng	99
80) Butylbenzylphthalate	13.457	149	300490	61.517	ng	99
81) Benzo(a)anthracene	14.051	228	517973	53.358	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	119940	41.152	ng	100
83) Chrysene	14.092	228	440371	49.611	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	386780	62.708	ng	99
85) Di-n-octyl phthalate	14.674	149	543731	64.505	ng	98
87) Indeno(1,2,3-cd)pyrene	17.121	276	583547	57.331	ng	100
88) Benzo(b)fluoranthene	15.151	252	469453	47.853	ng	99
89) Benzo(k)fluoranthene	15.180	252	420550	48.987	ng	99
90) Benzo(a)pyrene	15.527	252	438306	54.949	ng	100
91) Dibenzo(a,h)anthracene	17.127	278	480198	57.606	ng	99
92) Benzo(g,h,i)perylene	17.574	276	441581	51.913	ng	99

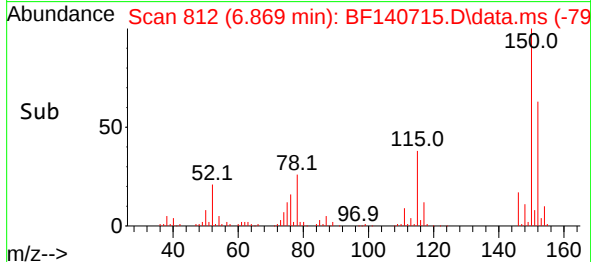
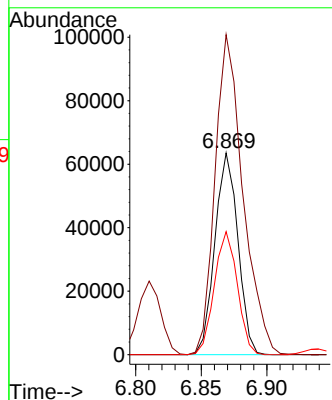
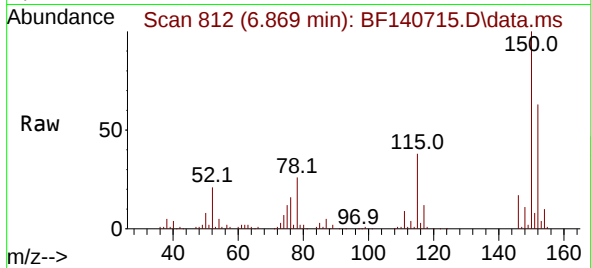
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140715.D
 Acq: 03 Dec 2024 17:08

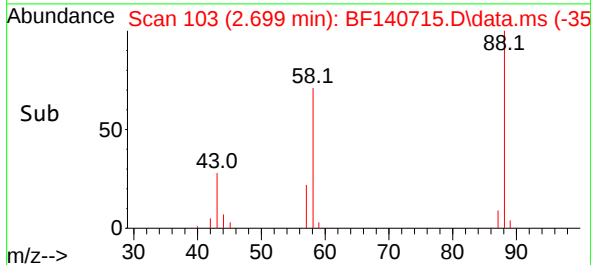
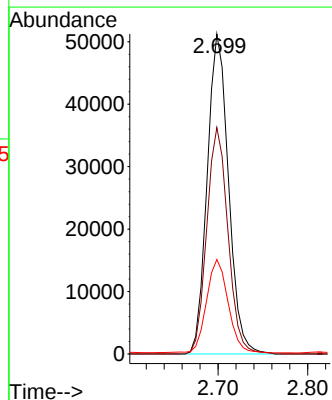
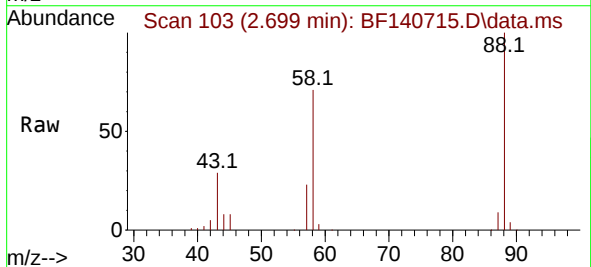
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63MSD

Tgt Ion:152 Resp: 77448
 Ion Ratio Lower Upper
 152 100
 150 158.6 128.5 192.7
 115 61.0 50.2 75.4



#2
 1,4-Dioxane
 Concen: 44.301 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.047 min
 Lab File: BF140715.D
 Acq: 03 Dec 2024 17:08

Tgt Ion: 88 Resp: 84548
 Ion Ratio Lower Upper
 88 100
 58 70.4 57.4 86.2
 43 29.7 24.3 36.5





#3

Pyridine

Concen: 47.237 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

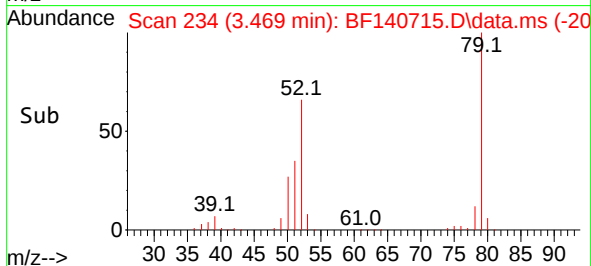
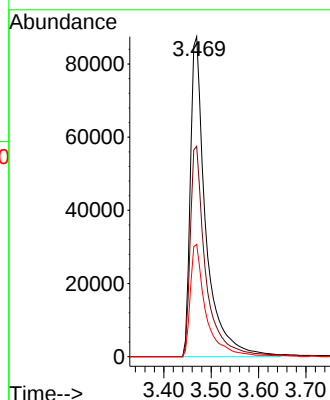
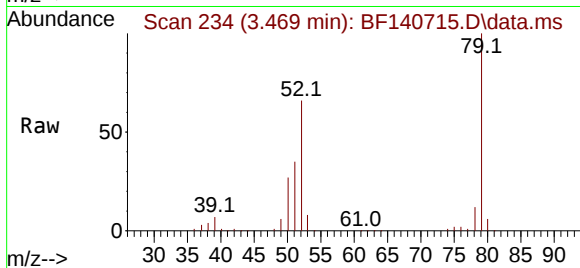
Tgt Ion: 79 Resp: 198354

Ion Ratio Lower Upper

79 100

52 65.8 52.1 78.1

51 35.1 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 45.851 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.041 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

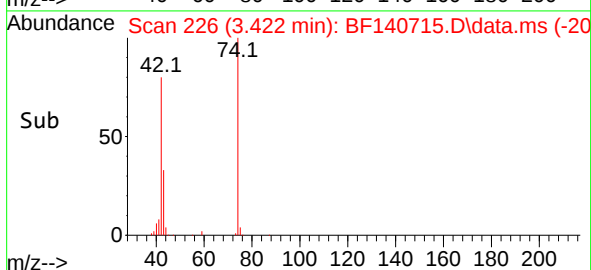
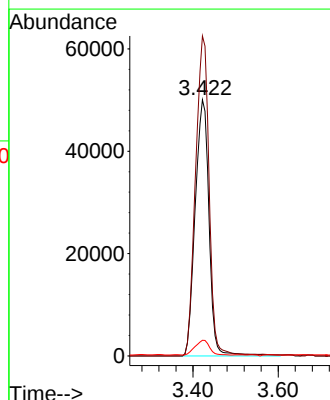
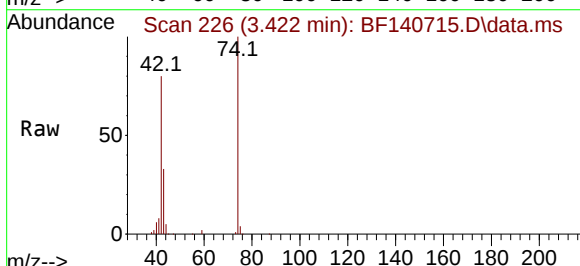
Tgt Ion: 42 Resp: 113158

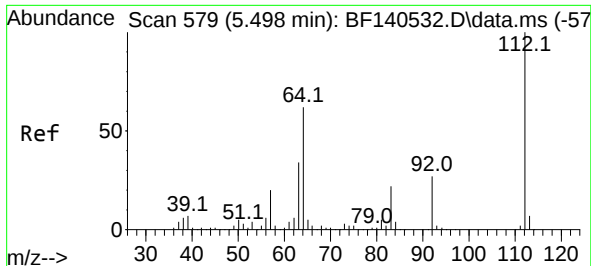
Ion Ratio Lower Upper

42 100

74 124.9 93.8 140.6

44 6.1 4.6 6.8

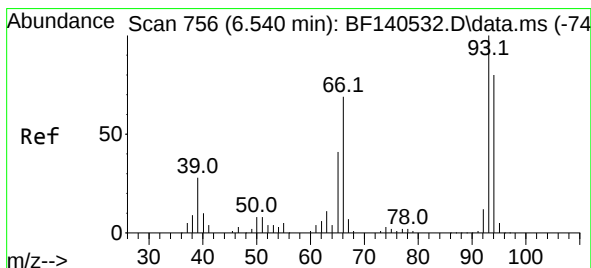
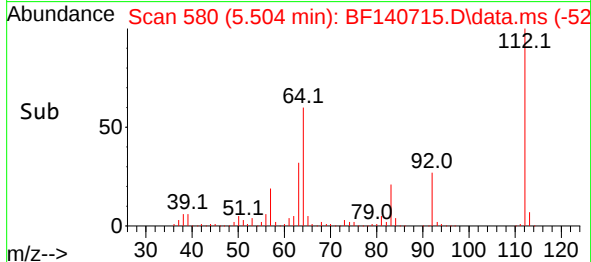
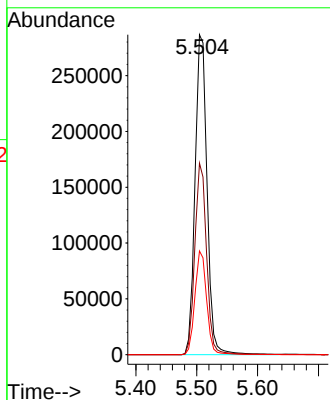
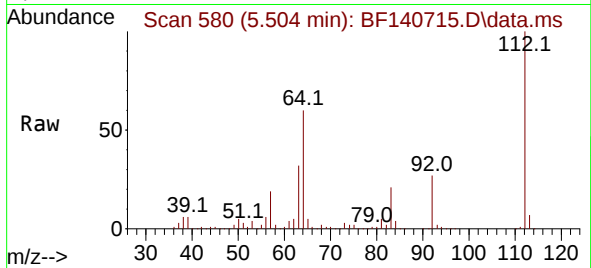




#5
2-Fluorophenol
Concen: 86.598 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

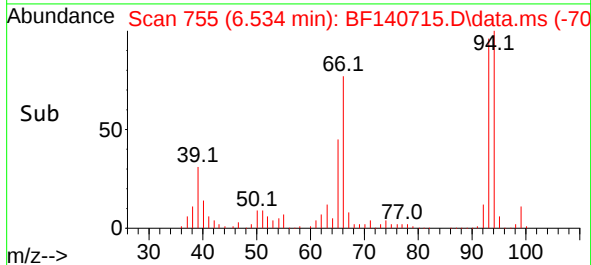
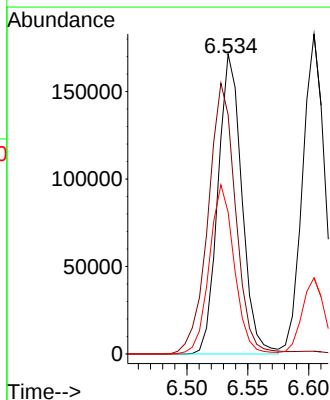
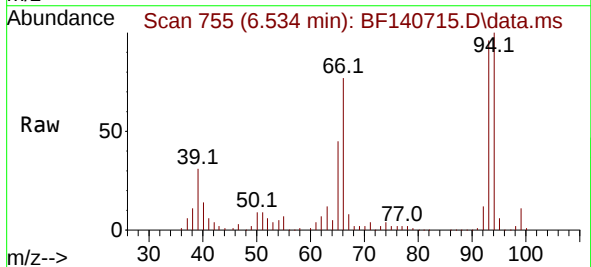
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

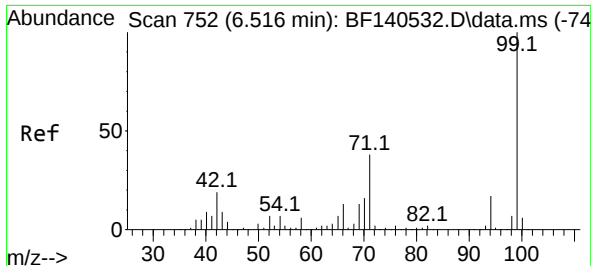
Tgt Ion:112 Resp: 393083
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 32.4 27.0 40.4



#6
Aniline
Concen: 55.387 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion: 93 Resp: 233942
Ion Ratio Lower Upper
93 100
66 79.7 56.5 84.7
65 47.2 32.9 49.3





#7

Phenol-d6

Concen: 85.452 ng

RT: 6.510 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

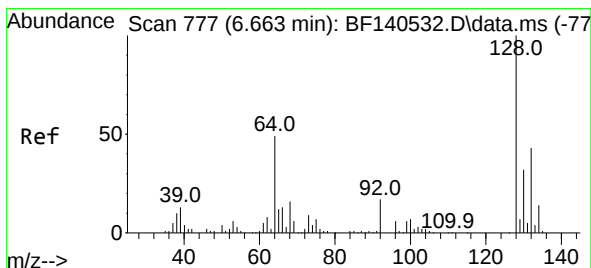
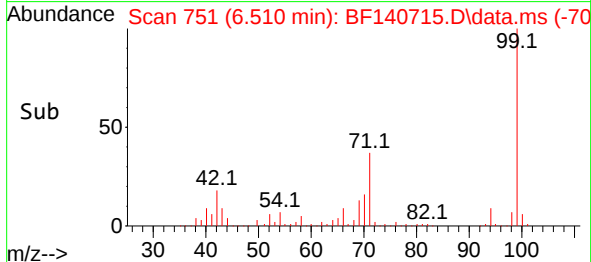
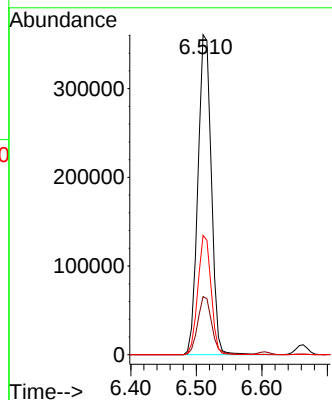
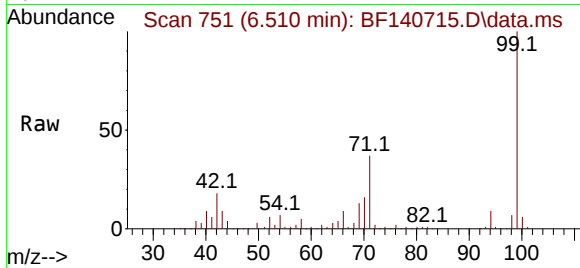
Tgt Ion: 99 Resp: 512791

Ion Ratio Lower Upper

99 100

42 18.1 15.4 23.0

71 37.2 30.6 46.0



#8

2-Chlorophenol

Concen: 51.259 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

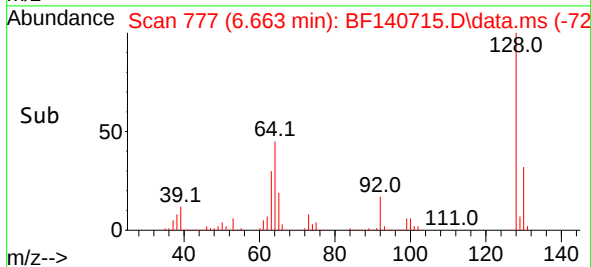
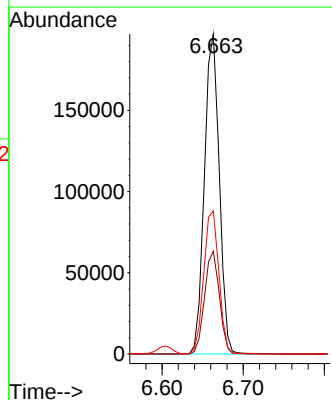
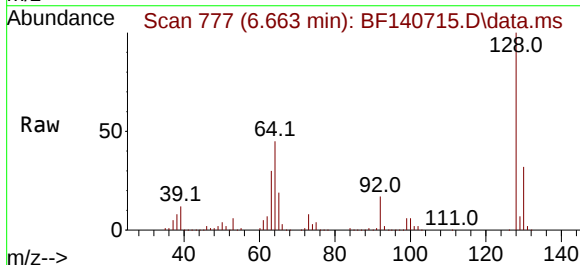
Tgt Ion:128 Resp: 250321

Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 44.7 30.2 70.2





#9

Benzaldehyde

Concen: 26.550 ng

RT: 6.422 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

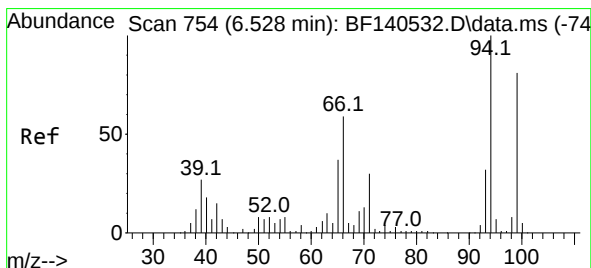
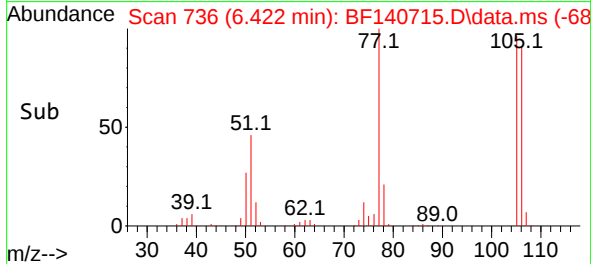
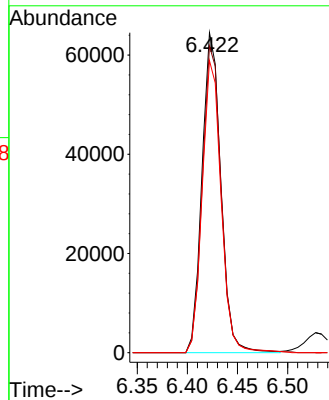
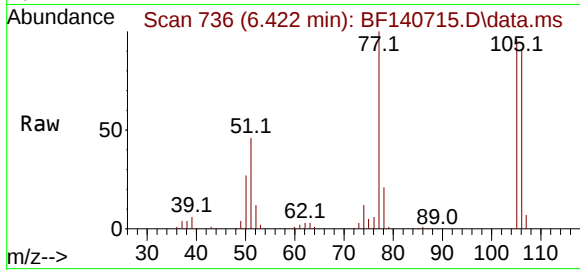
Tgt Ion: 77 Resp: 84345

Ion Ratio Lower Upper

77 100

105 95.8 75.6 115.6

106 91.3 72.0 112.0



#10

Phenol

Concen: 51.769 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

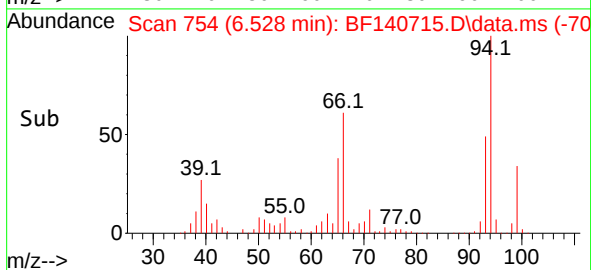
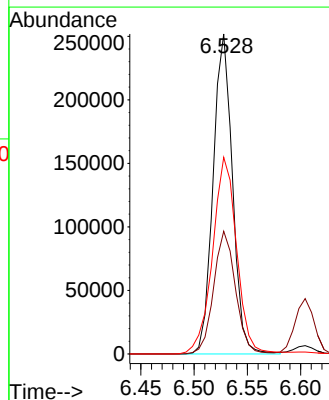
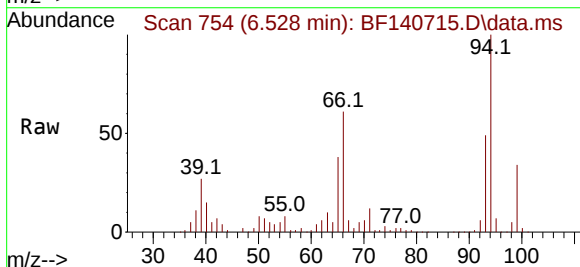
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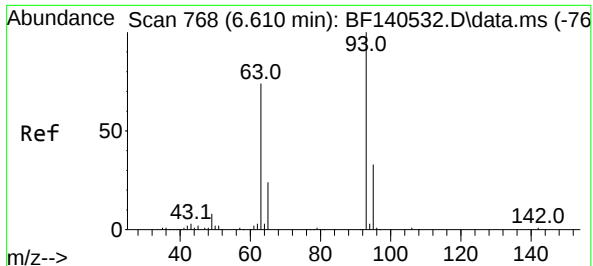
Ion Ratio Lower Upper

94 100

65 38.4 17.2 57.2

66 61.5 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 49.178 ng

RT: 6.604 min Scan# 7

Delta R.T. -0.006 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

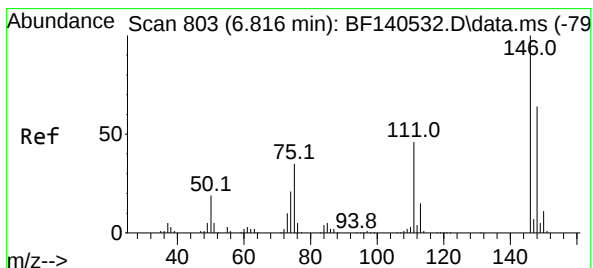
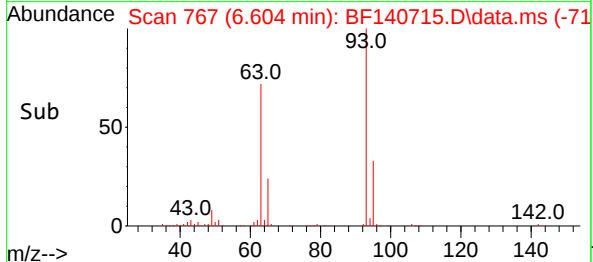
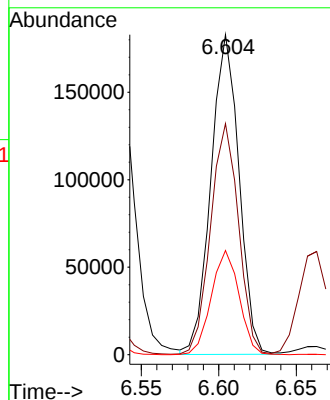
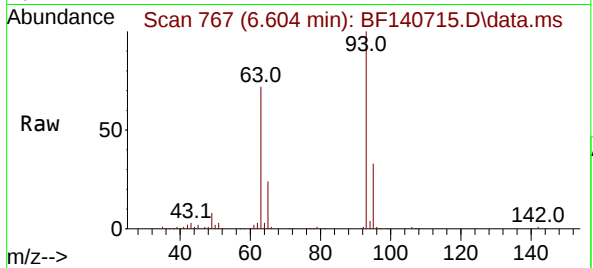
Tgt Ion: 93 Resp: 230628

Ion Ratio Lower Upper

93 100

63 72.2 52.8 92.8

95 32.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 47.918 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

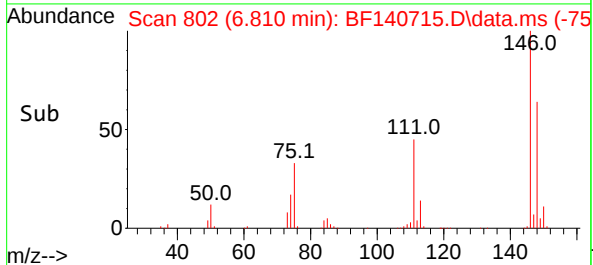
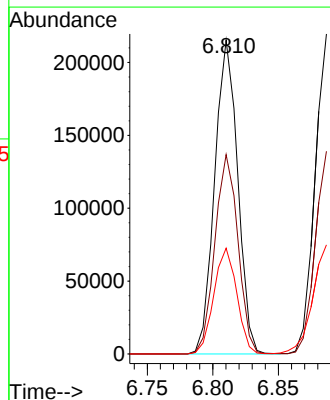
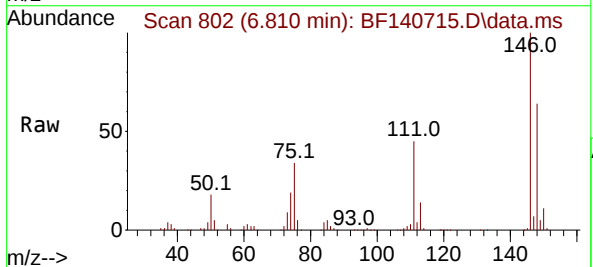
Tgt Ion:146 Resp: 262940

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

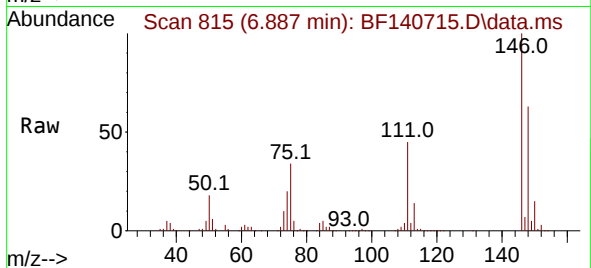
75 33.7 28.2 42.2



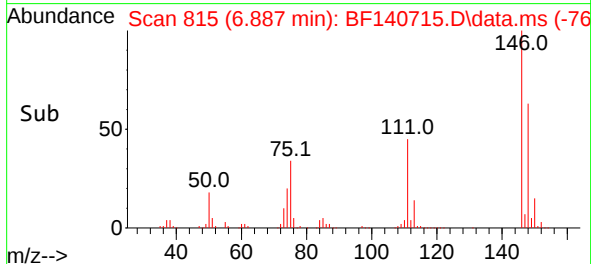
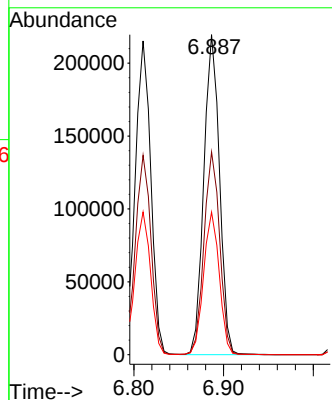


#13
1,4-Dichlorobenzene
Concen: 48.045 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

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

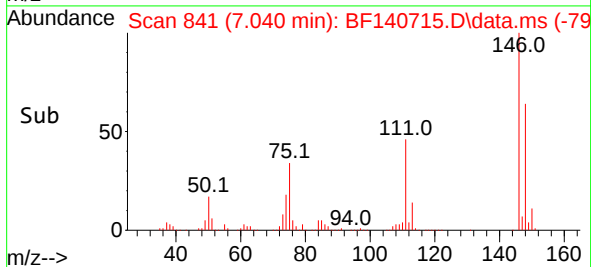
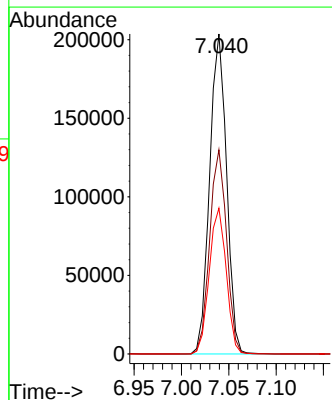
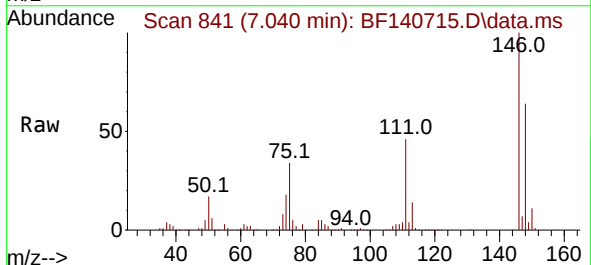


Tgt Ion:146 Resp: 266943
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 44.5 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 48.544 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:146 Resp: 252732
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 45.6 36.7 55.1

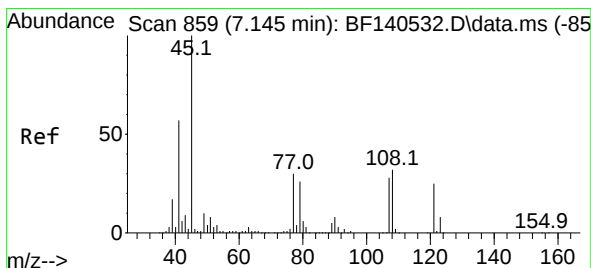
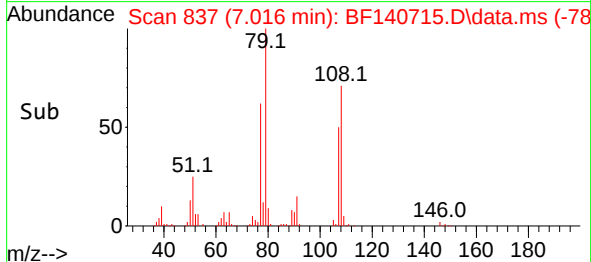
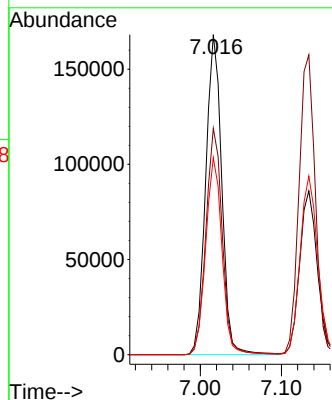
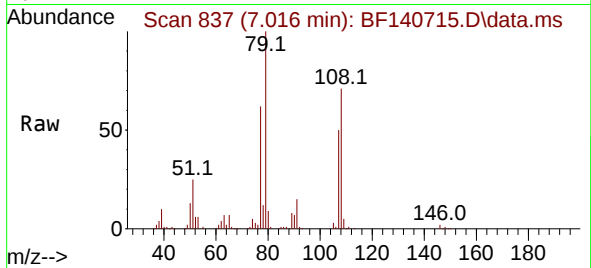




#15
Benzyl Alcohol
Concen: 51.853 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

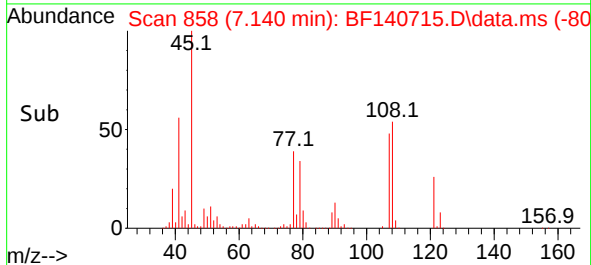
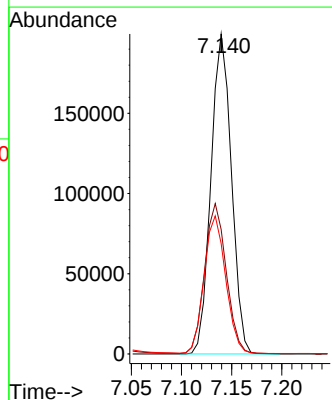
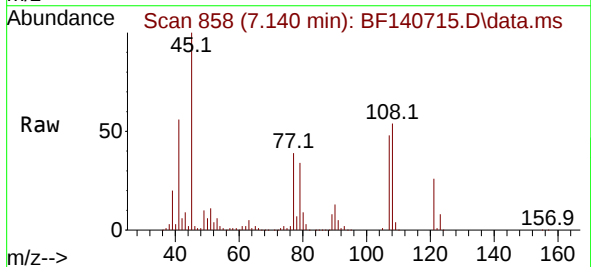
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

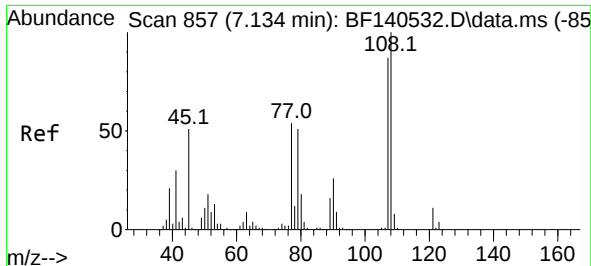
Tgt Ion: 79 Resp: 230760
Ion Ratio Lower Upper
79 100
108 70.8 55.0 82.6
77 61.5 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.131 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion: 45 Resp: 283278
Ion Ratio Lower Upper
45 100
77 38.9 10.7 50.7
79 34.5 7.0 47.0

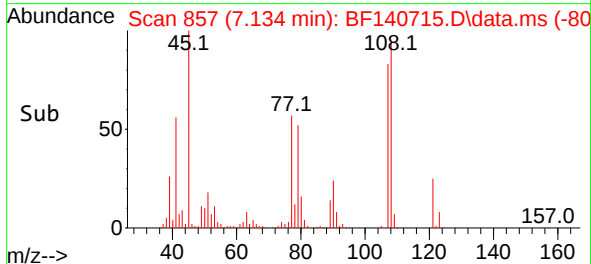
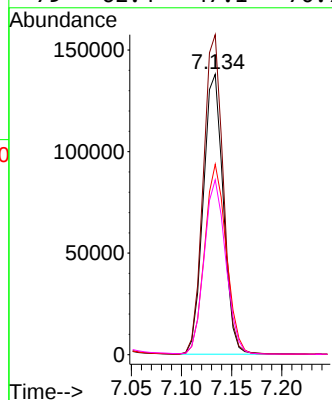
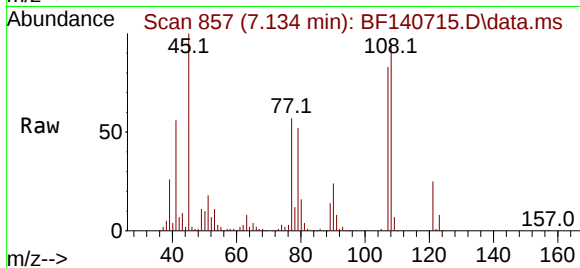




#17
2-Methylphenol
Concen: 49.057 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

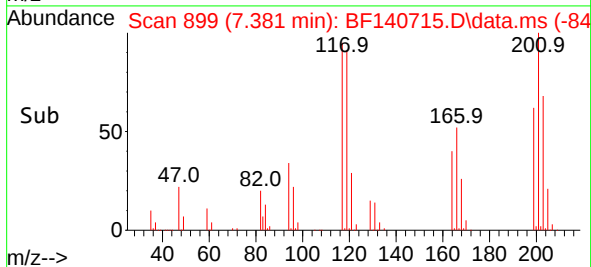
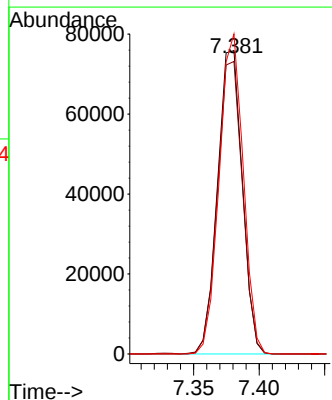
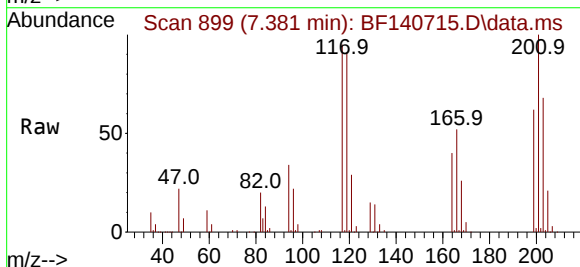
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

Tgt Ion:	107	Resp:	191772
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.7	137.5
77	67.9	49.3	73.9
79	62.4	47.1	70.7



#18
Hexachloroethane
Concen: 48.129 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:	117	Resp:	99875
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.1	115.7
201	105.5	81.1	121.7

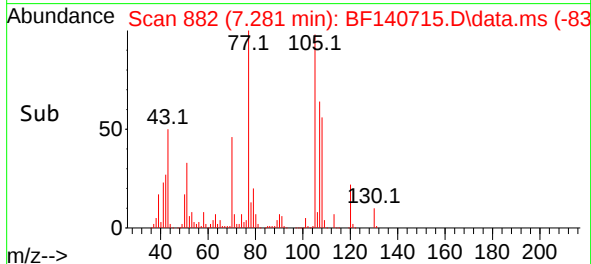
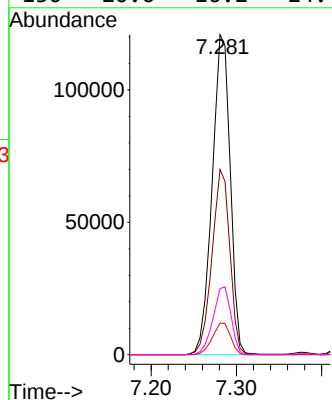
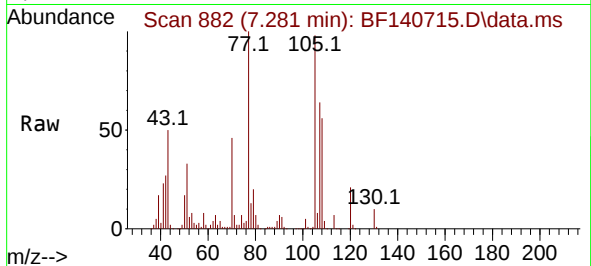




#19
n-Nitroso-di-n-propylamine
Concen: 50.212 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

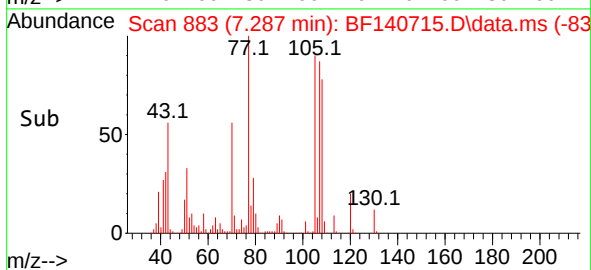
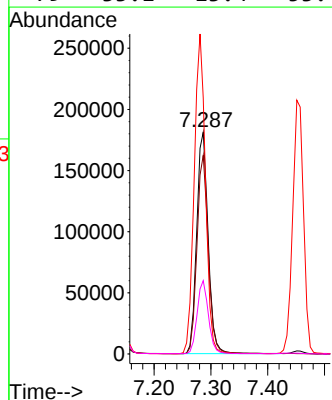
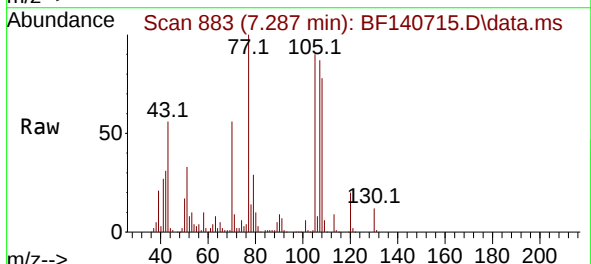
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

Tgt Ion:	70	Resp:	178079
Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.6	71.4
101	9.9	7.6	11.4
130	20.6	16.2	24.4



#20
3+4-Methylphenols
Concen: 50.703 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:	107	Resp:	254766
Ion	Ratio	Lower	Upper
107	100		
108	89.6	69.9	109.9
77	115.5	117.7	157.7#
79	33.1	13.4	53.4

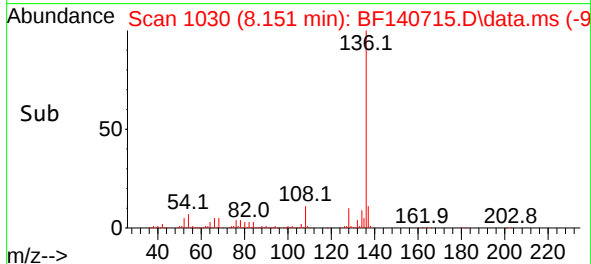
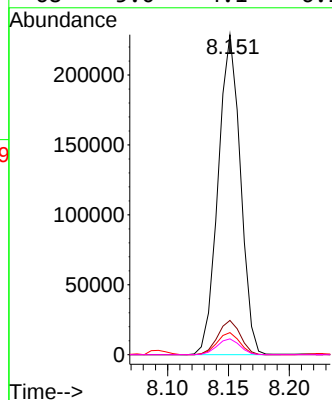
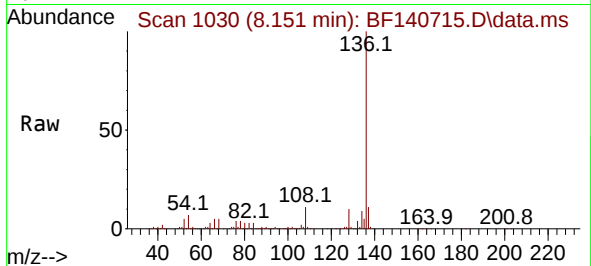




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

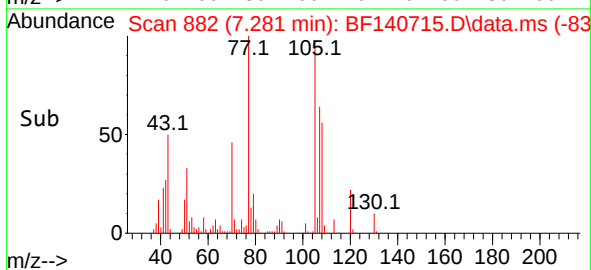
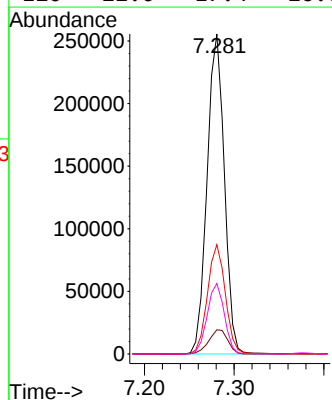
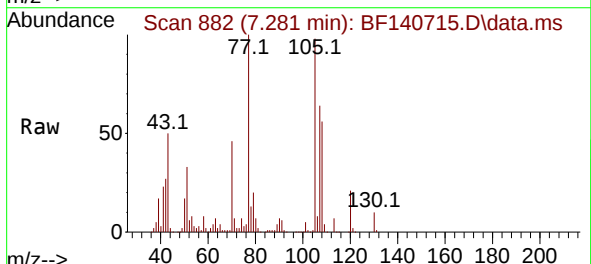
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

Tgt Ion:136	Resp: 291501
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 6.9	5.8 8.8
68 5.0	4.1 6.1



#22
Acetophenone
Concen: 48.071 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt	Ion:105	Resp:	341626
Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.2	9.2
51	34.1	29.0	43.6
120	22.0	17.4	26.0

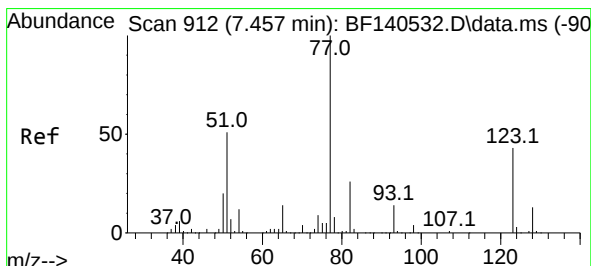
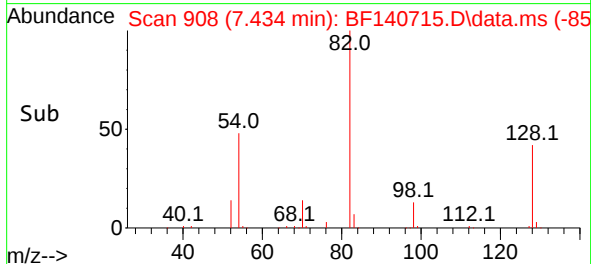
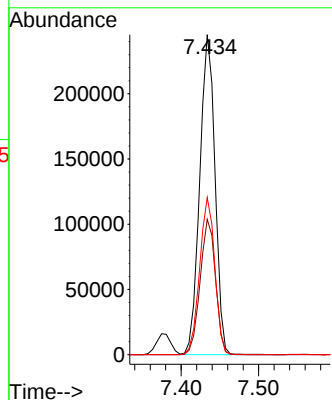
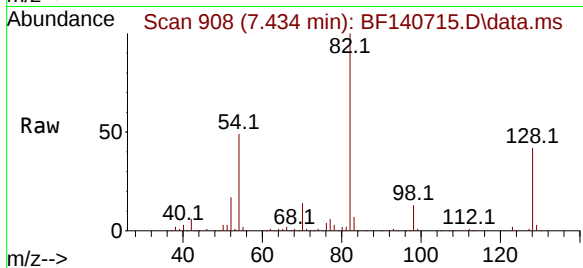




#23
 Nitrobenzene-d5
 Concen: 58.853 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140715.D
 Acq: 03 Dec 2024 17:08

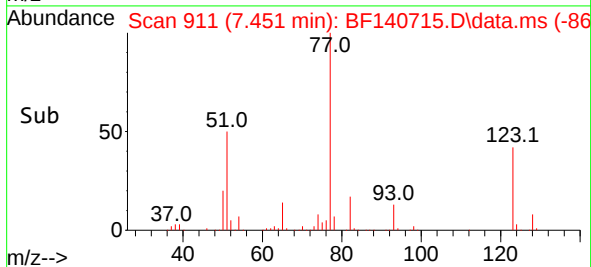
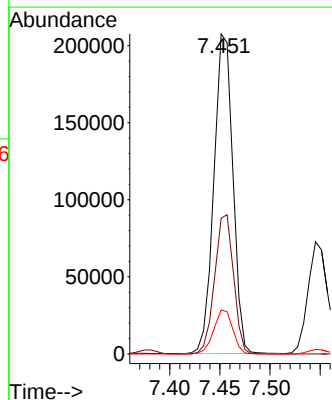
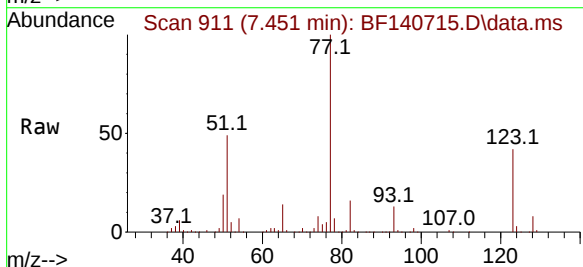
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63MSD

Tgt Ion: 82 Resp: 335398
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.0 49.4
 54 49.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 46.423 ng
 RT: 7.451 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140715.D
 Acq: 03 Dec 2024 17:08

Tgt Ion: 77 Resp: 273432
 Ion Ratio Lower Upper
 77 100
 123 42.5 34.3 51.5
 65 13.8 11.2 16.8

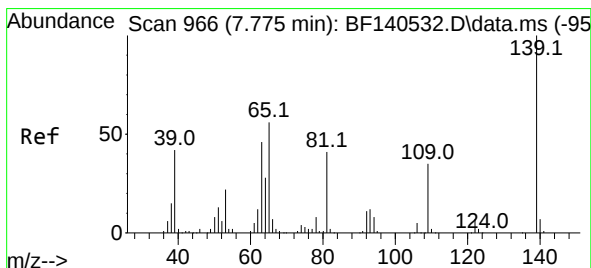
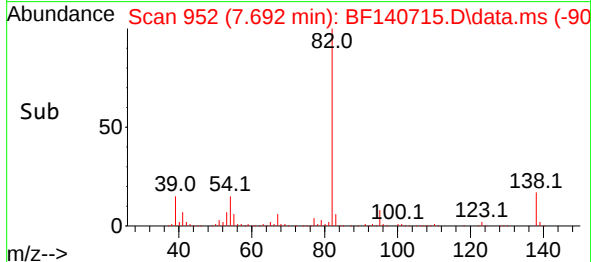
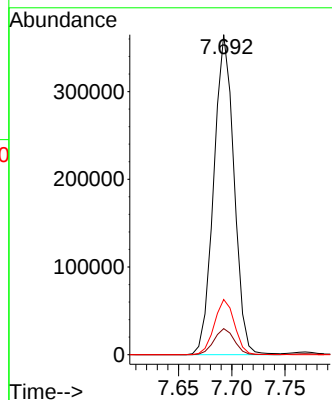
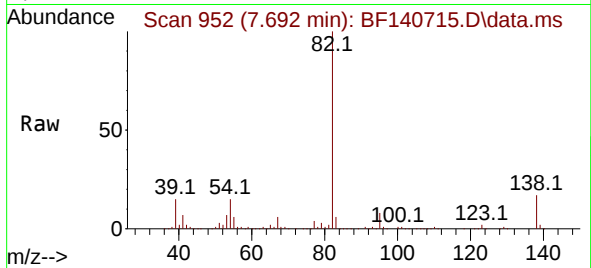




#25
Isophorone
Concen: 50.791 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

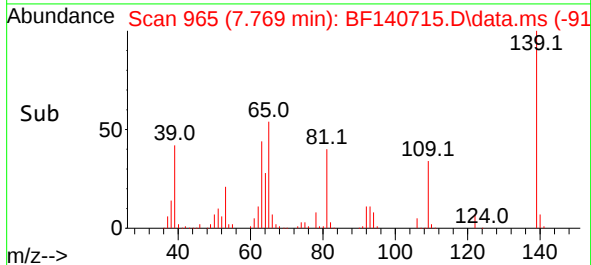
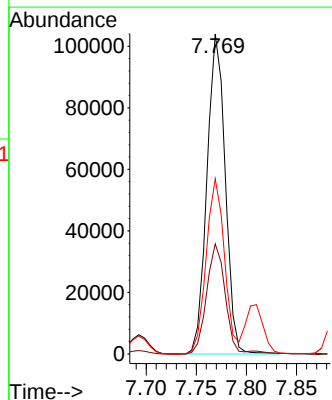
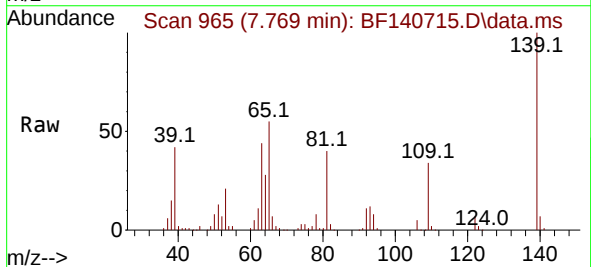
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

Tgt Ion: 82 Resp: 482785
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.2 13.8 20.6



#26
2-Nitrophenol
Concen: 50.562 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:139 Resp: 131975
Ion Ratio Lower Upper
139 100
109 34.4 28.0 42.0
65 54.7 44.6 67.0

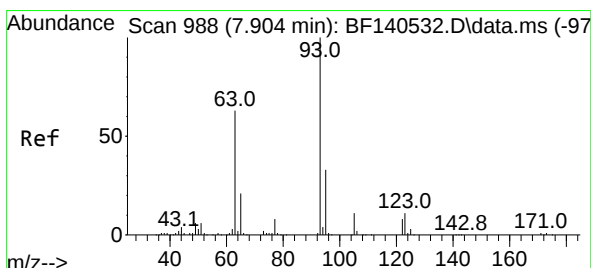
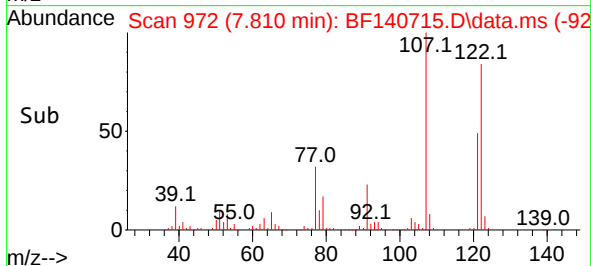
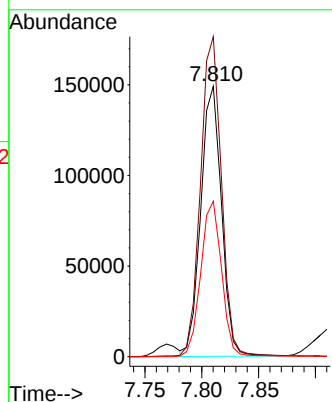
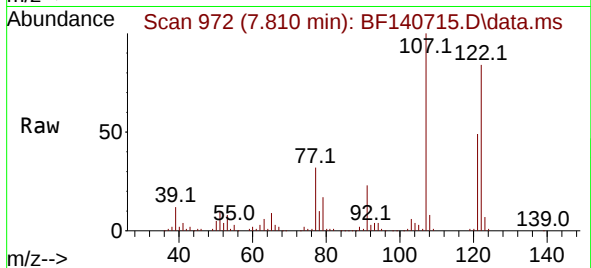




#27
2,4-Dimethylphenol
Concen: 60.570 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

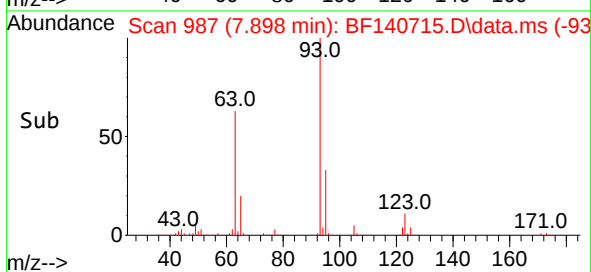
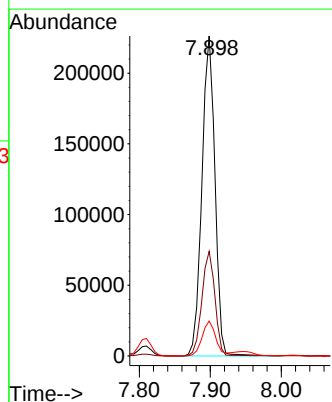
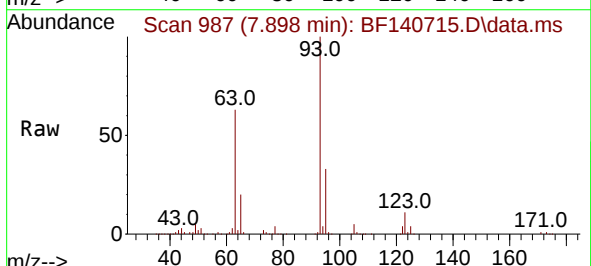
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

Tgt Ion:122 Resp: 189161
Ion Ratio Lower Upper
122 100
107 118.4 96.8 145.2
121 57.5 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 50.050 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion: 93 Resp: 289824
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.299 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140715.D

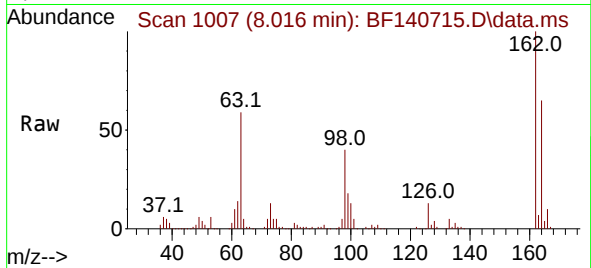
Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD



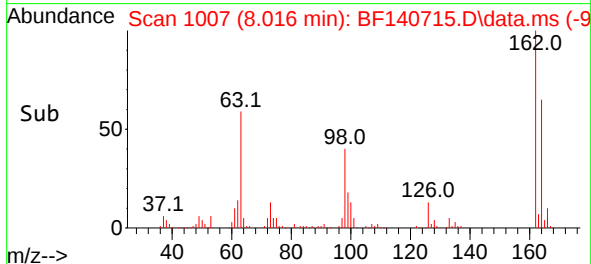
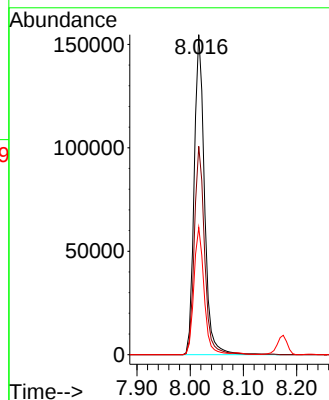
Tgt Ion:162 Resp: 208149

Ion Ratio Lower Upper

162 100

164 65.1 44.8 84.8

98 39.8 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 46.801 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

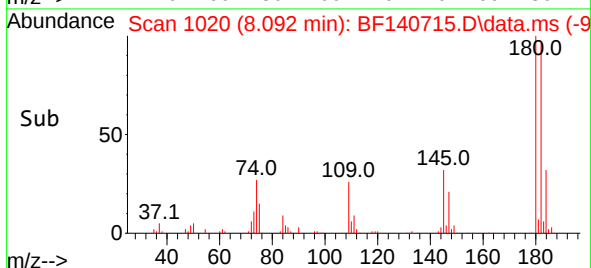
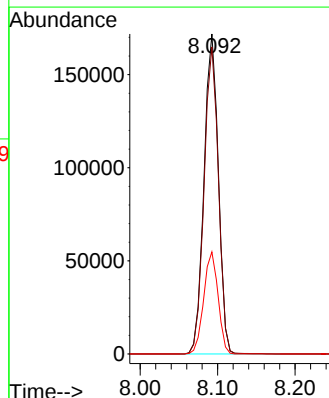
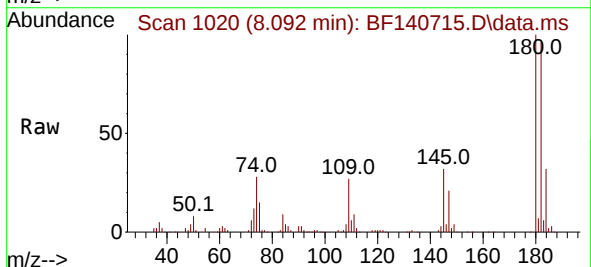
Tgt Ion:180 Resp: 221133

Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

145 31.9 25.9 38.9

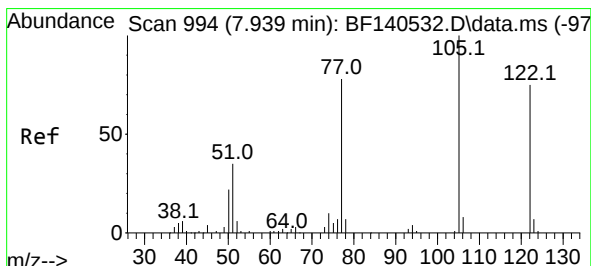
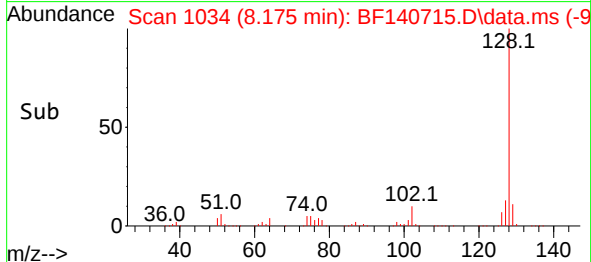
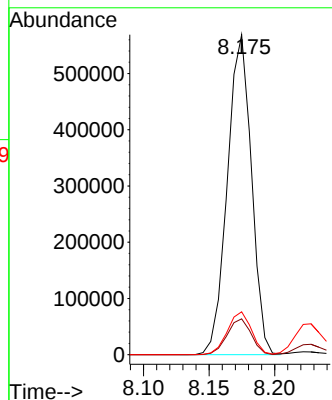
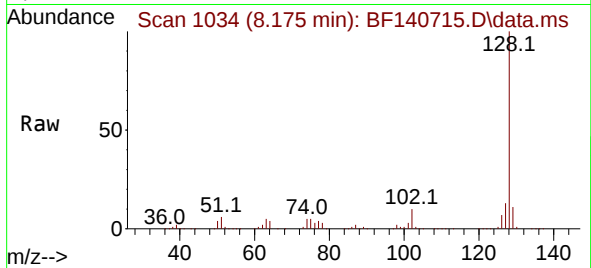




#31
Naphthalene
Concen: 48.370 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

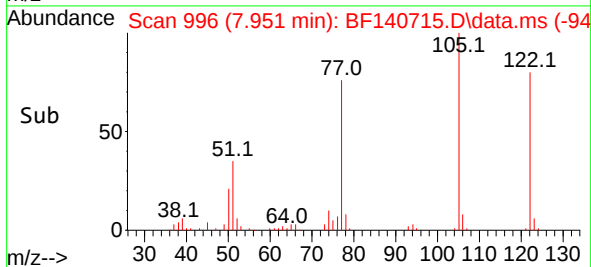
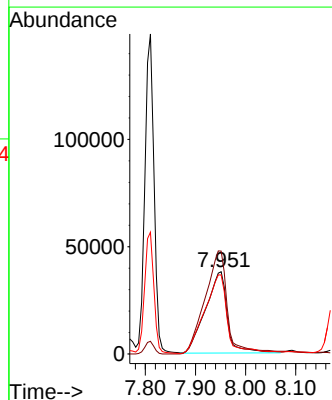
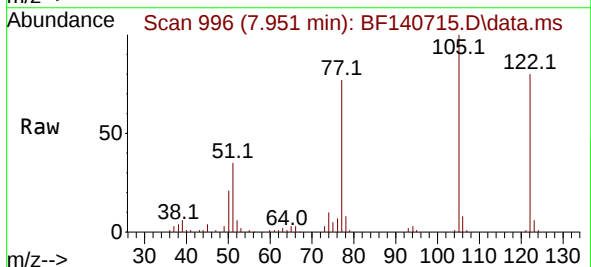
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

Tgt Ion:128 Resp: 726269
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 43.100 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:122 Resp: 114785
Ion Ratio Lower Upper
122 100
105 125.0 109.3 149.3
77 96.1 82.3 122.3

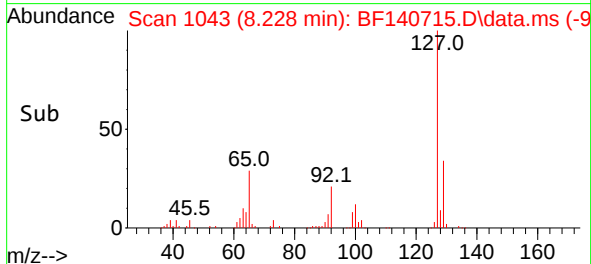
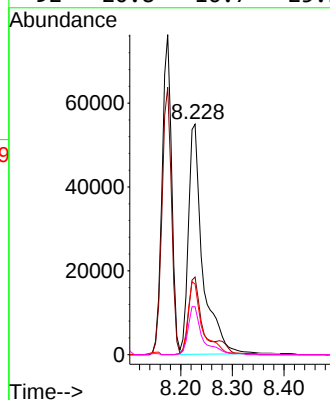
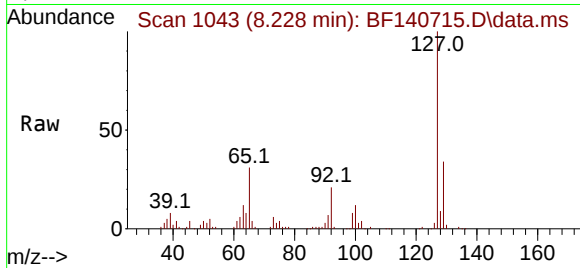




#33
4-Chloroaniline
Concen: 23.519 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

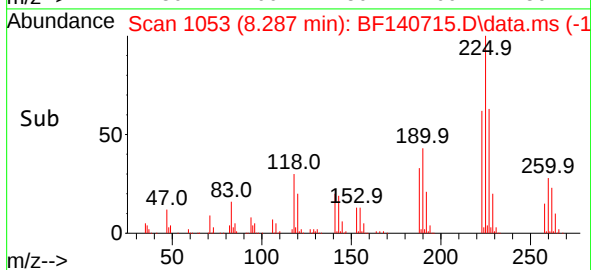
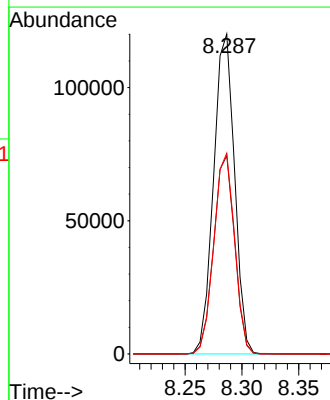
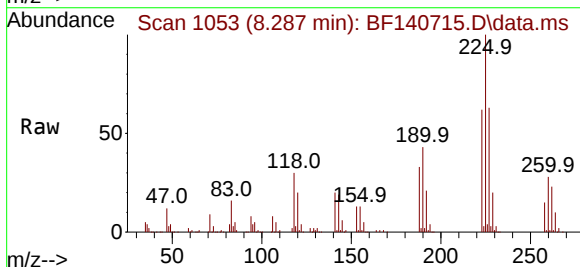
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

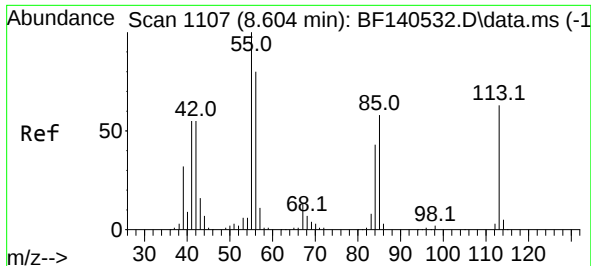
Tgt Ion:	127	Resp:	105728
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.0	39.0
65	30.7	26.0	39.0
92	20.8	16.7	25.1



#34
Hexachlorobutadiene
Concen: 49.251 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:	225	Resp:	154136
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.8	74.8
227	62.8	51.3	76.9





#35

Caprolactam

Concen: 31.740 ng

RT: 8.604 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

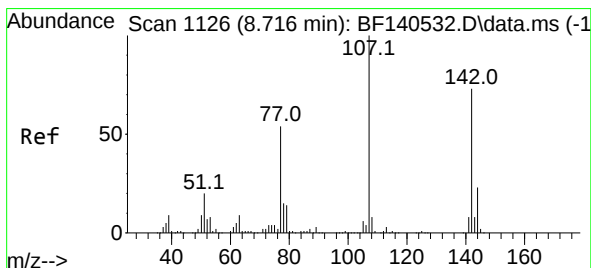
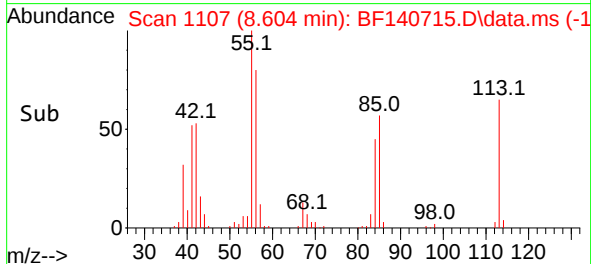
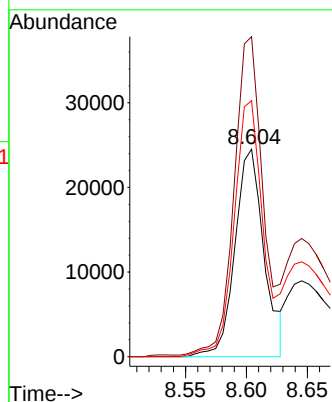
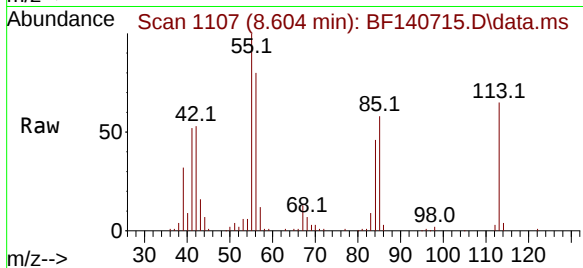
Tgt Ion:113 Resp: 40648

Ion Ratio Lower Upper

113 100

55 154.2 137.7 177.7

56 123.4 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 49.487 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

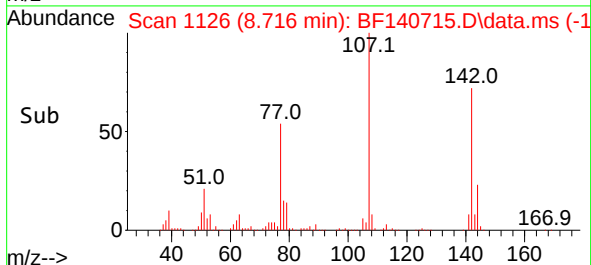
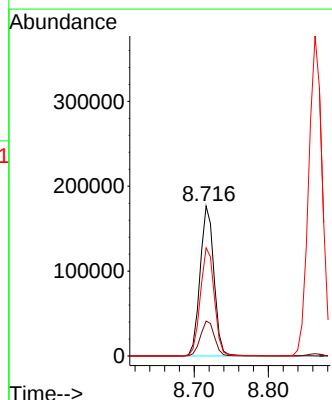
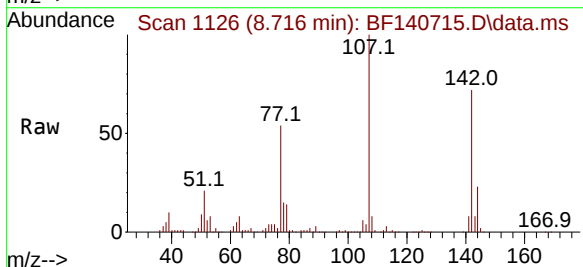
Tgt Ion:107 Resp: 229288

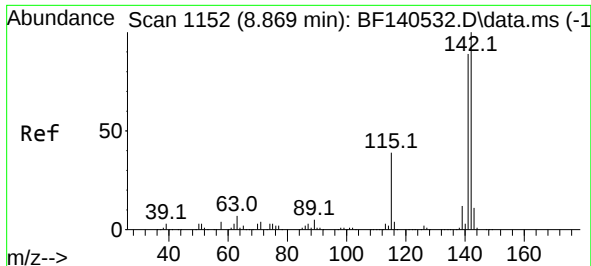
Ion Ratio Lower Upper

107 100

144 23.3 18.7 28.1

142 72.2 58.3 87.5

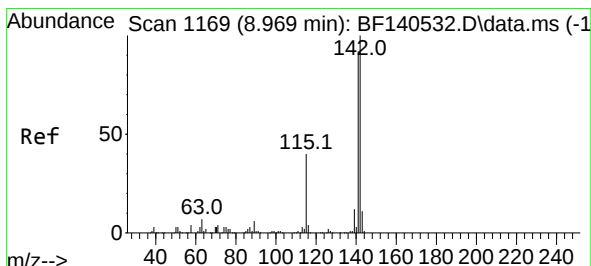
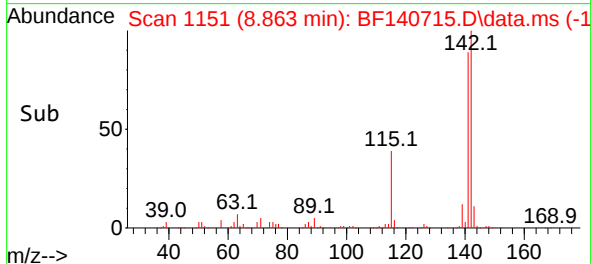
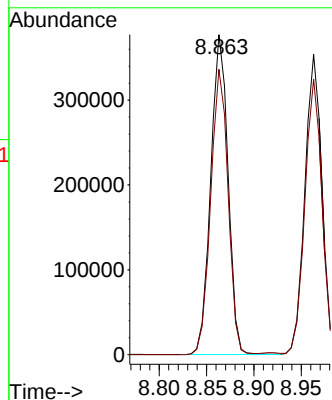
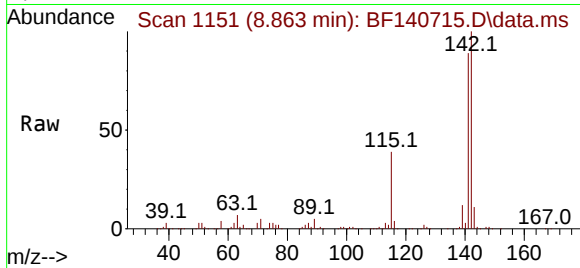




#37
2-Methylnaphthalene
Concen: 50.181 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

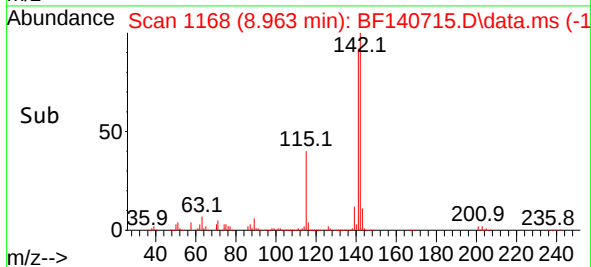
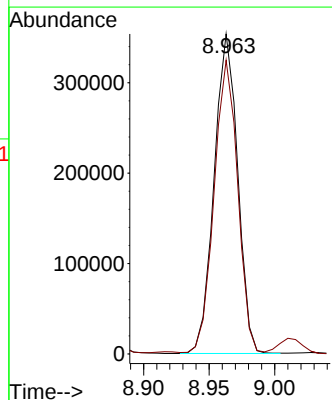
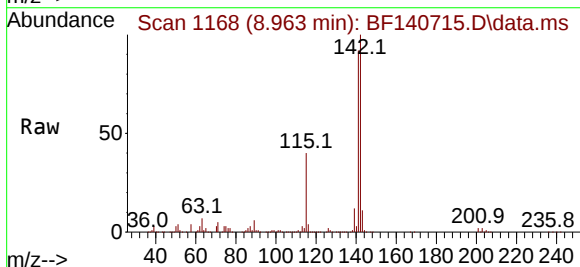
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

Tgt Ion:142 Resp: 478569
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6



#38
1-Methylnaphthalene
Concen: 47.215 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:142 Resp: 441368
Ion Ratio Lower Upper
142 100
141 91.8 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: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

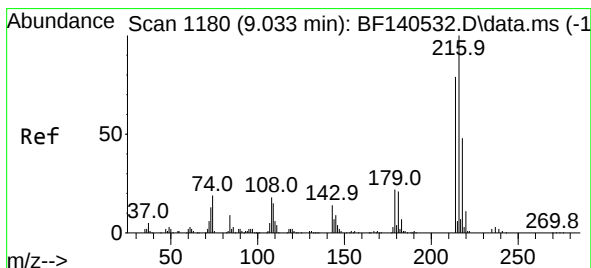
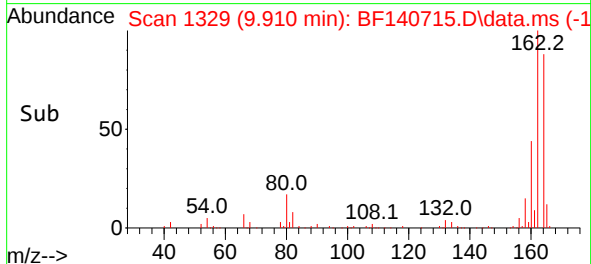
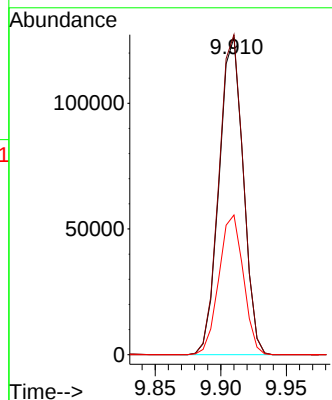
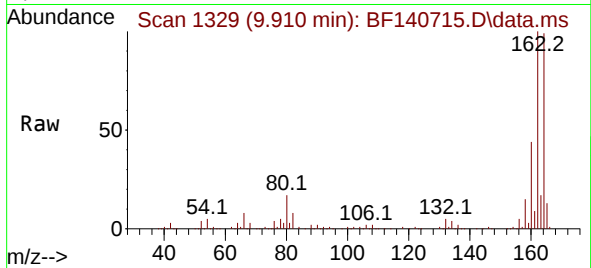
Tgt Ion:164 Resp: 161248

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

160 44.0 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.703 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Tgt Ion:216 Resp: 239347

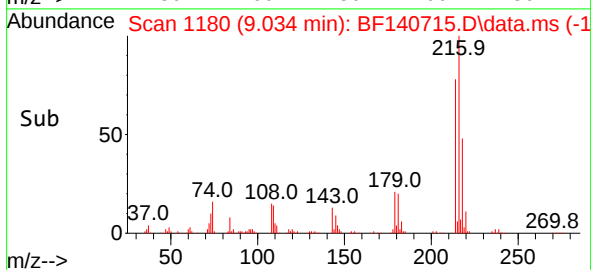
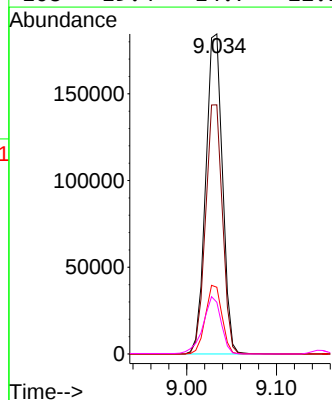
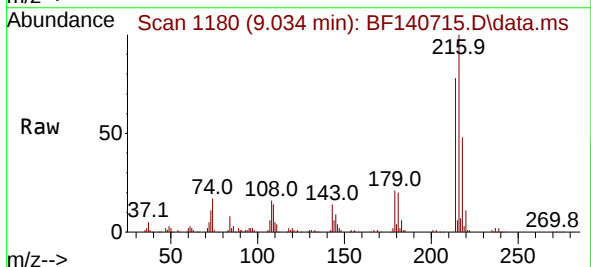
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 21.1 17.5 26.3

108 19.4 14.7 22.1

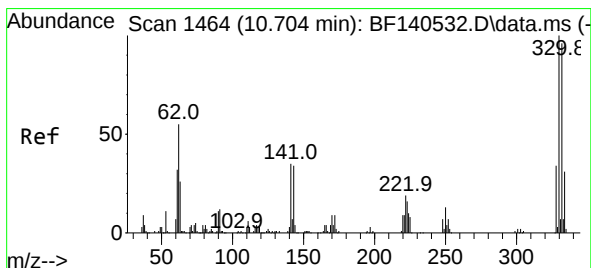
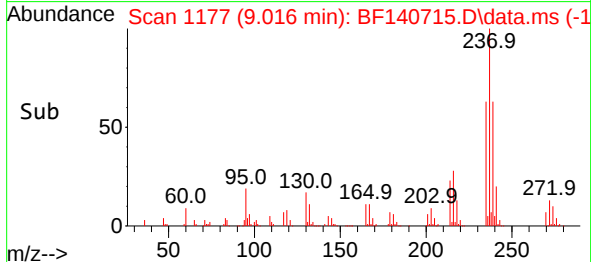
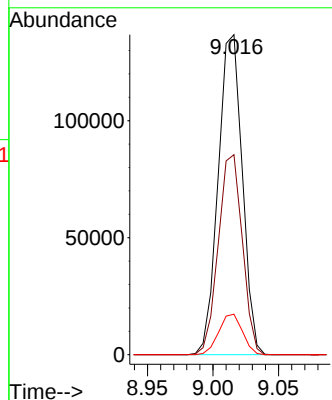
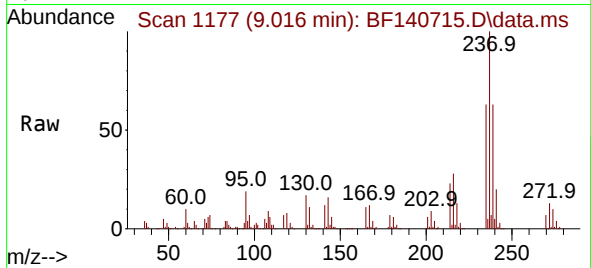




#41
Hexachlorocyclopentadiene
Concen: 157.031 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

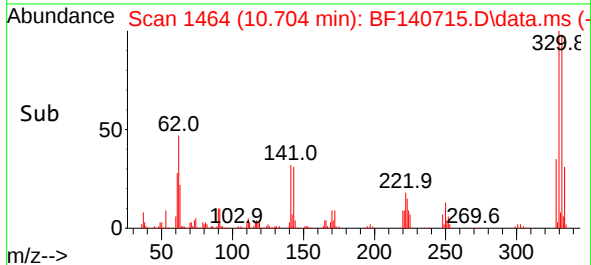
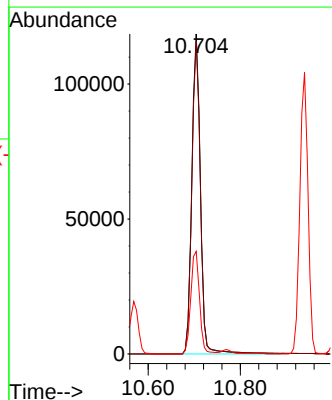
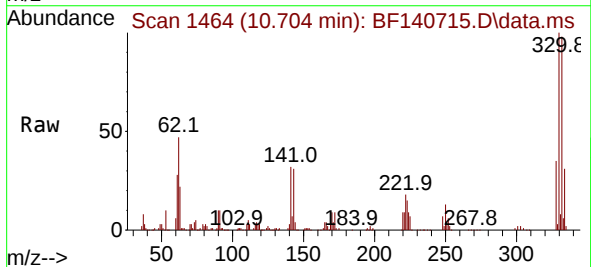
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

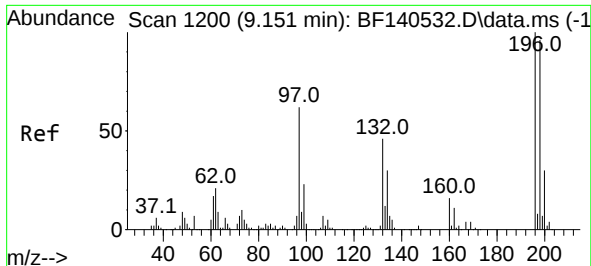
Tgt Ion:237 Resp: 174818
Ion Ratio Lower Upper
237 100
235 62.5 41.1 81.1
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 89.350 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

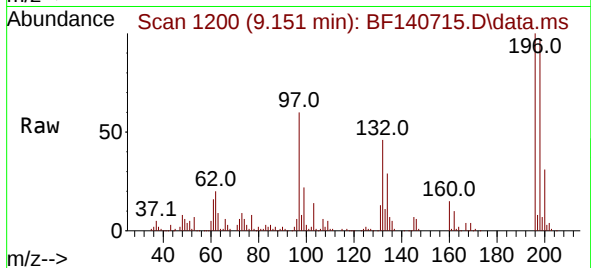
Tgt Ion:330 Resp: 154090
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 32.7 26.7 40.1



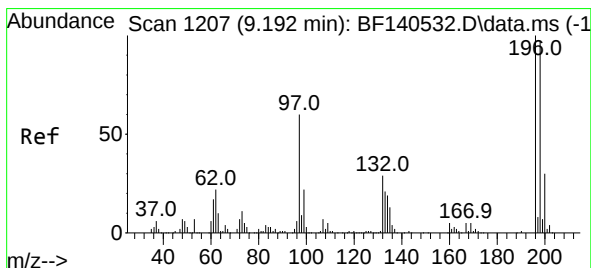
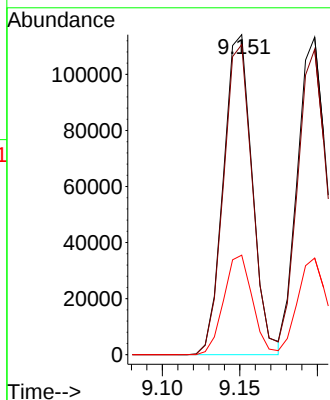
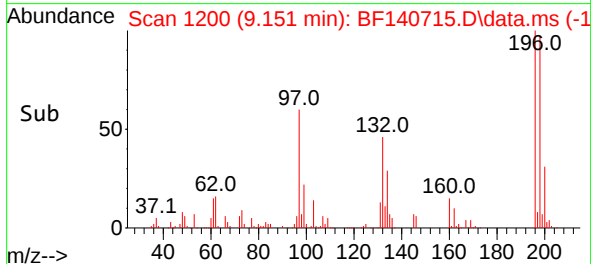


#43
2,4,6-Trichlorophenol
Concen: 49.894 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

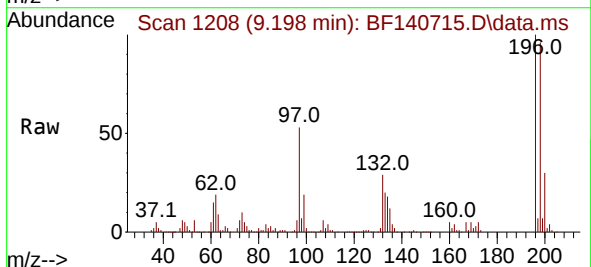
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD



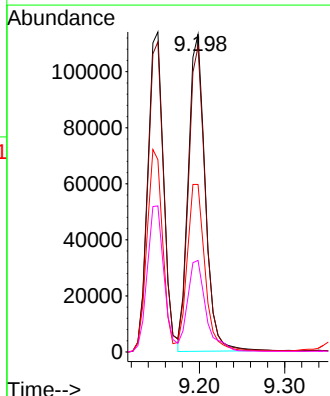
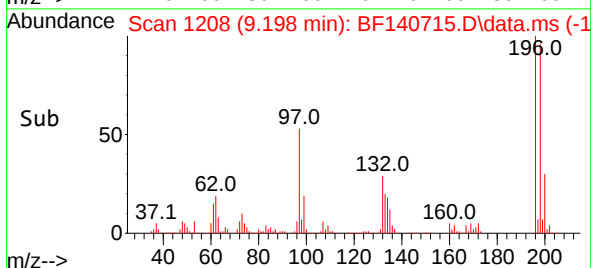
Tgt Ion:196 Resp: 147791
Ion Ratio Lower Upper
196 100
198 96.9 76.8 115.2
200 31.1 24.3 36.5

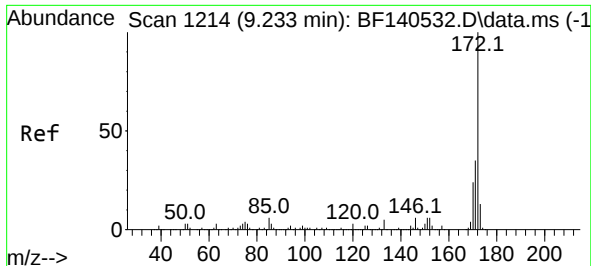


#44
2,4,5-Trichlorophenol
Concen: 48.443 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08



Tgt Ion:196 Resp: 155731
Ion Ratio Lower Upper
196 100
198 96.2 77.2 115.8
97 52.8 47.1 70.7
132 28.8 24.1 36.1

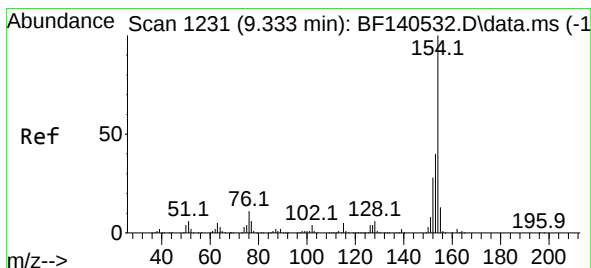
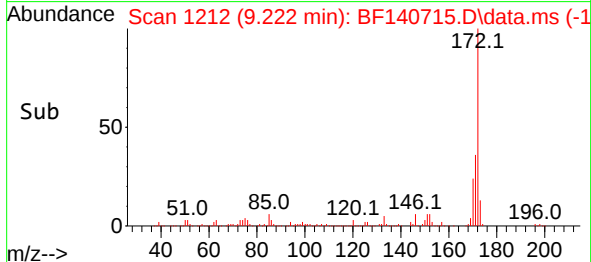
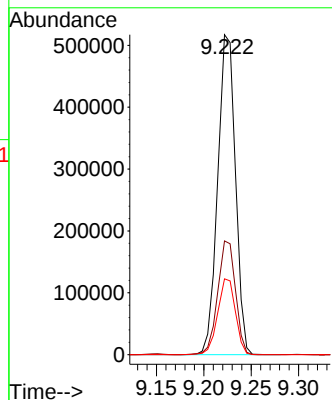
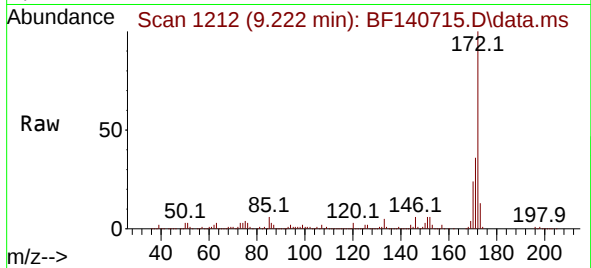




#45
2-Fluorobiphenyl
Concen: 62.375 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

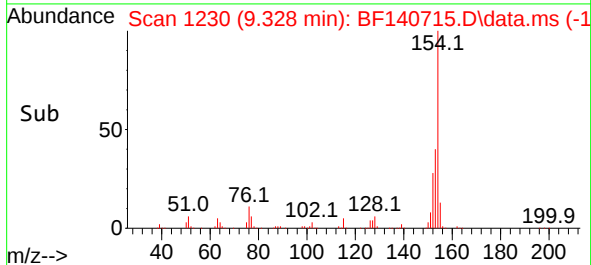
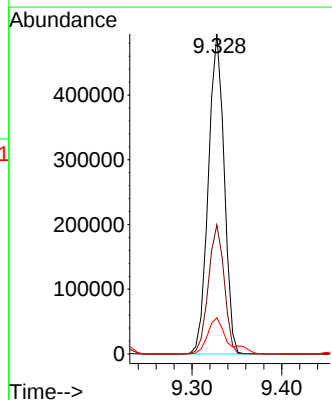
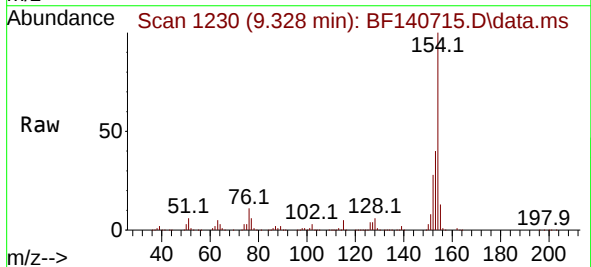
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

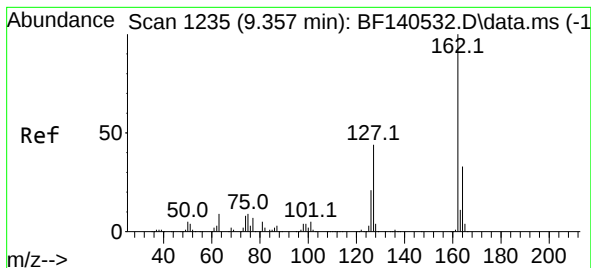
Tgt Ion:172 Resp: 675051
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 50.234 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:154 Resp: 604766
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.3 0.0 31.2





#47

2-Chloronaphthalene

Concen: 48.857 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

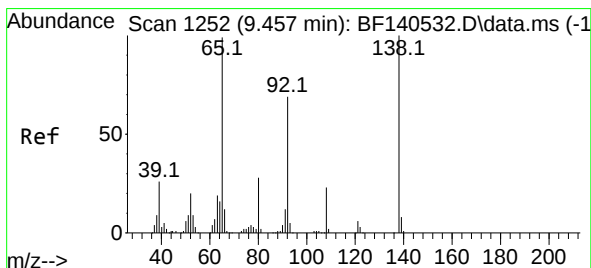
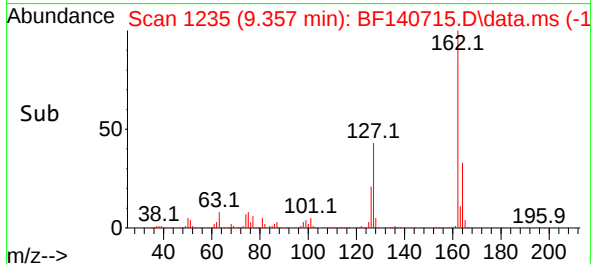
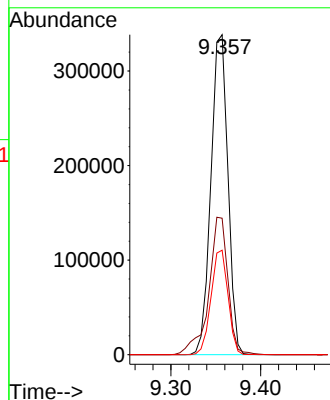
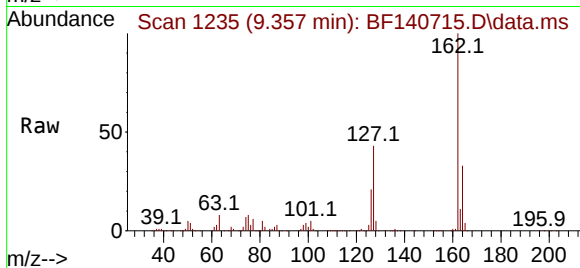
Tgt Ion:162 Resp: 445685

Ion Ratio Lower Upper

162 100

127 42.7 35.7 53.5

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 48.557 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

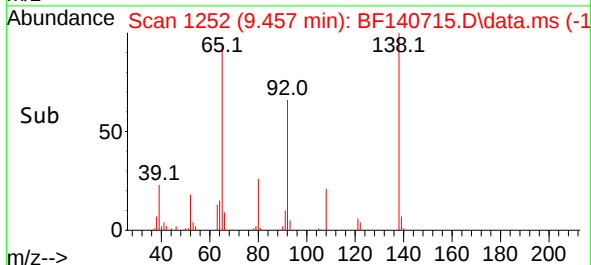
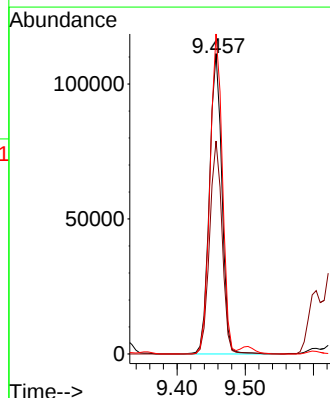
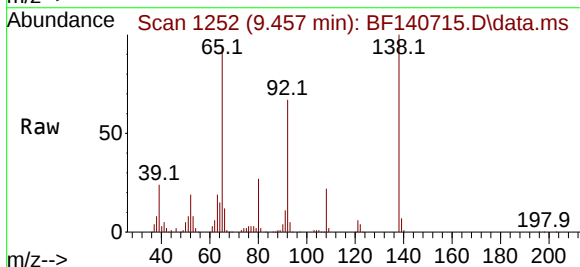
Tgt Ion: 65 Resp: 142177

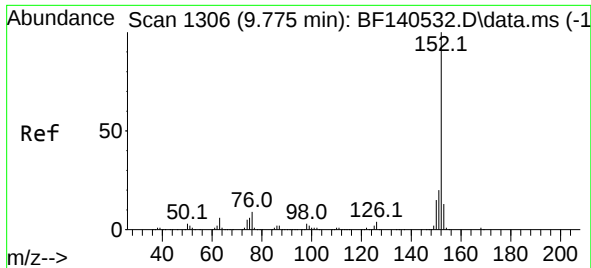
Ion Ratio Lower Upper

65 100

92 70.9 56.1 84.1

138 106.5 81.0 121.6





#49

Acenaphthylene

Concen: 52.057 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

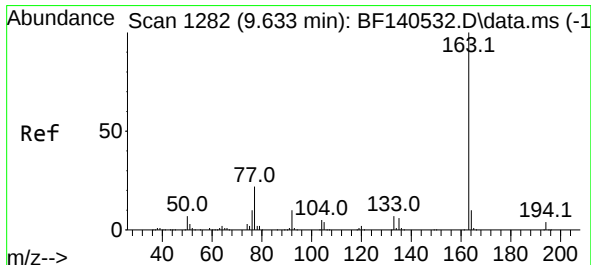
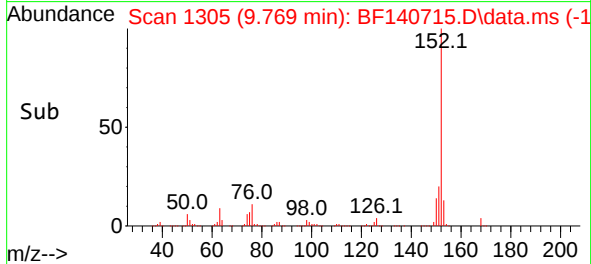
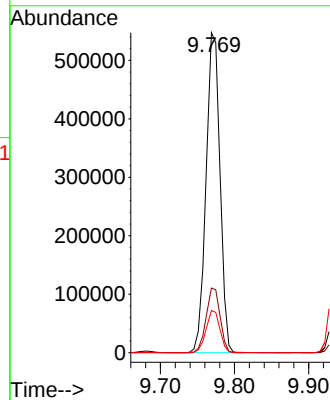
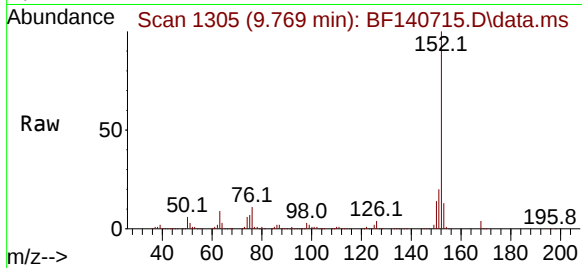
Tgt Ion:152 Resp: 717496

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 52.348 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

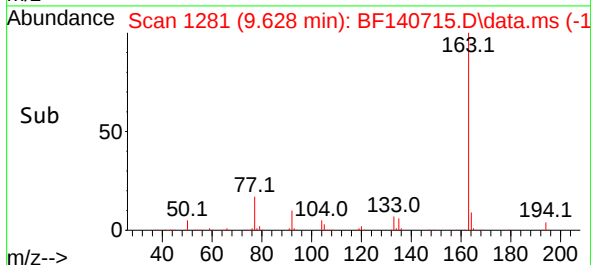
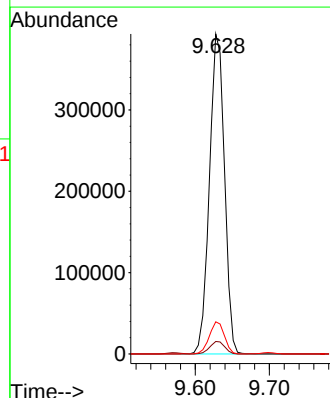
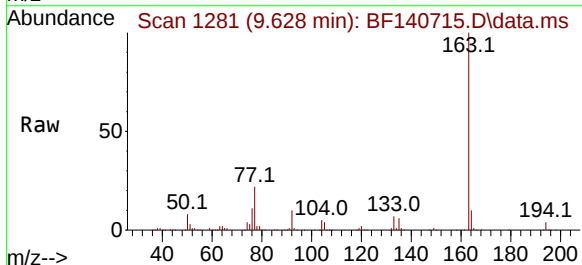
Tgt Ion:163 Resp: 555924

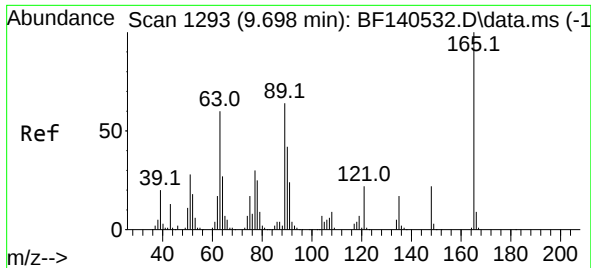
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

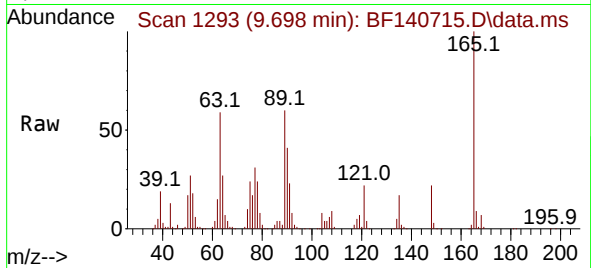
164 10.0 8.2 12.2



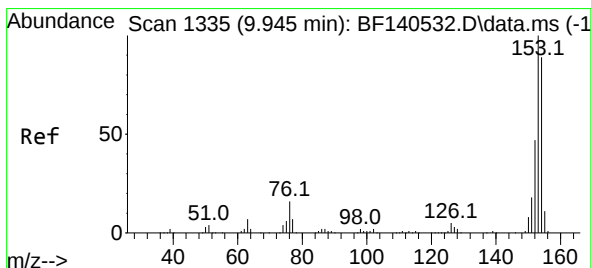
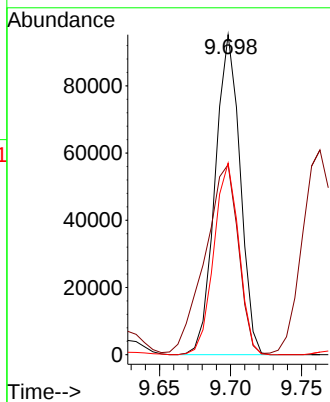
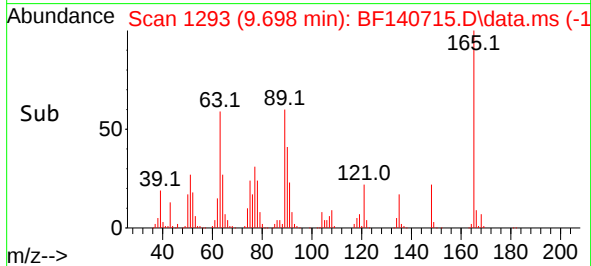


#51
2,6-Dinitrotoluene
Concen: 48.322 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

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

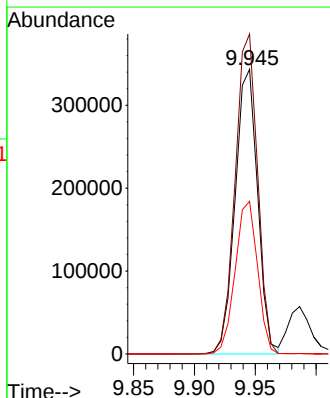
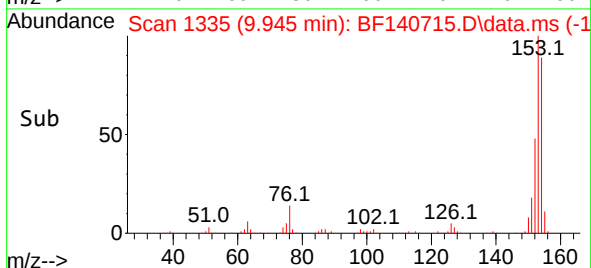
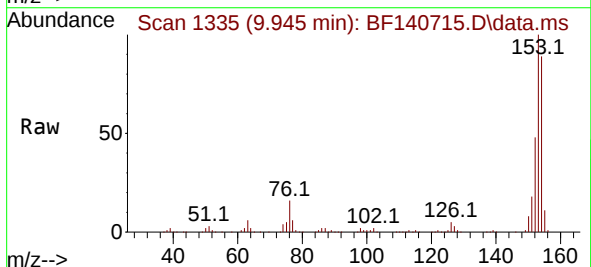


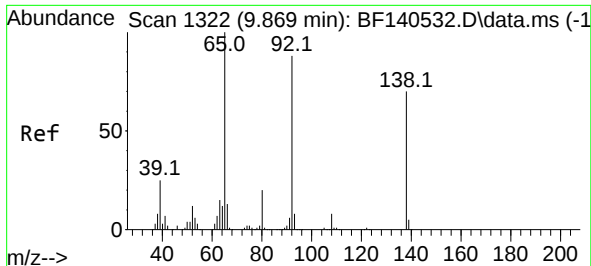
Tgt Ion:165 Resp: 116382
Ion Ratio Lower Upper
165 100
63 59.4 49.9 74.9
89 59.8 50.9 76.3



#52
Acenaphthene
Concen: 50.479 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:154 Resp: 442073
Ion Ratio Lower Upper
154 100
153 112.4 89.7 134.5
152 53.6 42.5 63.7

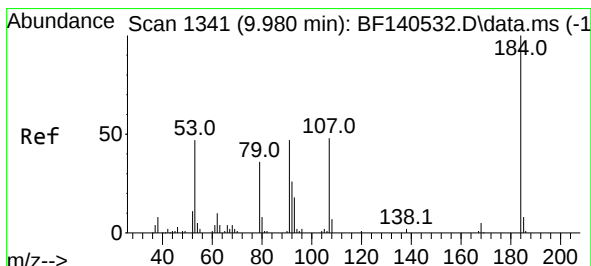
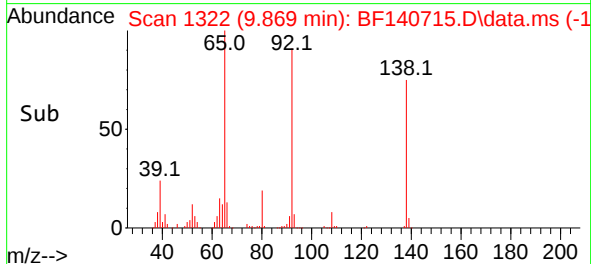
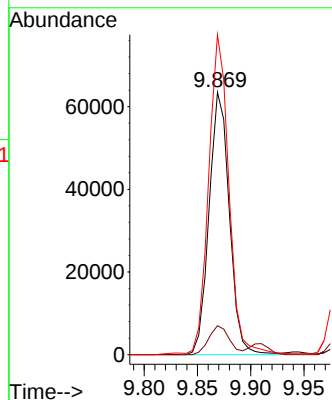
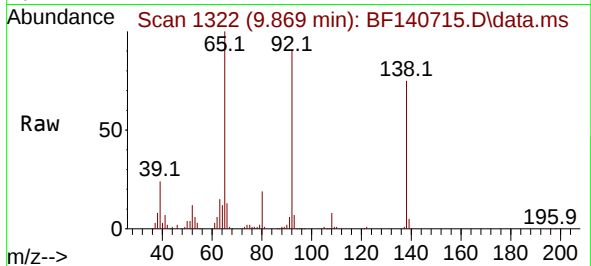




#53
3-Nitroaniline
Concen: 35.715 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

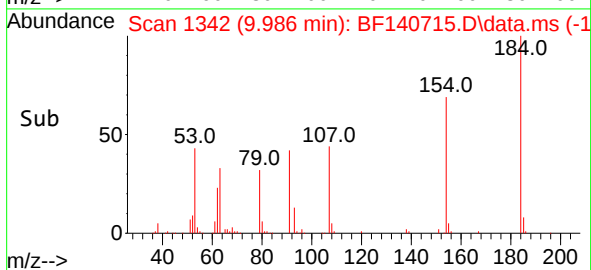
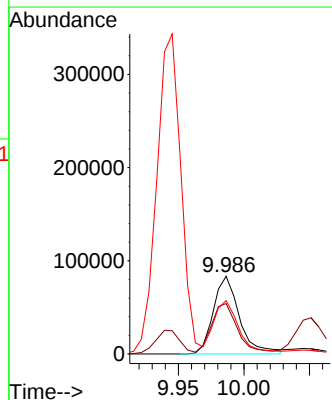
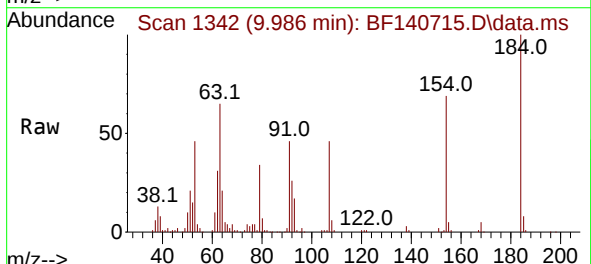
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

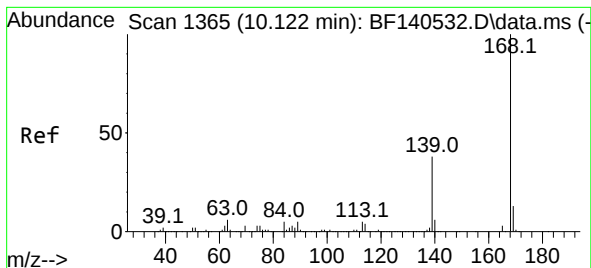
Tgt Ion:138 Resp: 84131
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 122.0 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 91.261 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:184 Resp: 115359
Ion Ratio Lower Upper
184 100
63 65.0 54.1 81.1
154 68.6 57.4 86.0





#55

Dibenzenofuran

Concen: 50.078 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

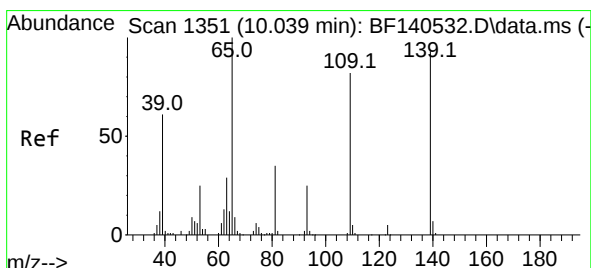
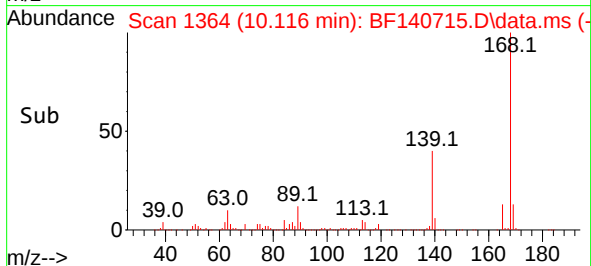
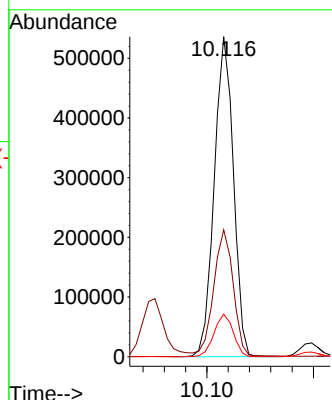
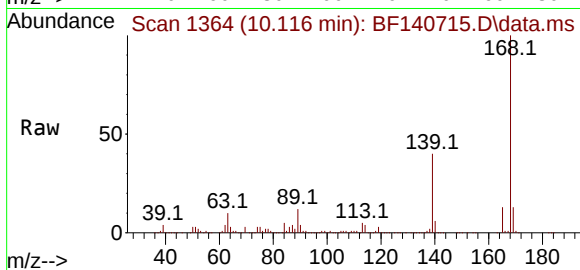
Tgt Ion:168 Resp: 668951

Ion Ratio Lower Upper

168 100

139 39.7 31.3 46.9

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 87.880 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

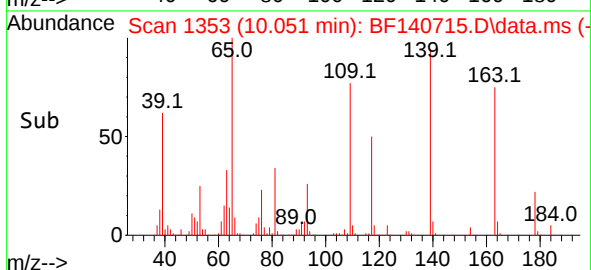
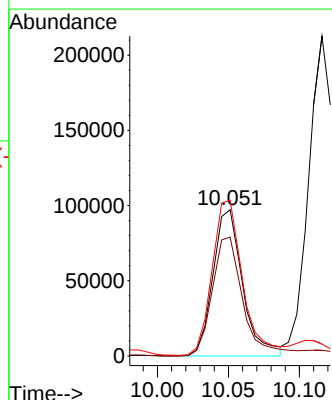
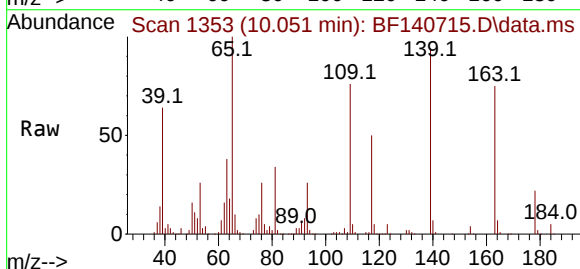
Tgt Ion:139 Resp: 141182

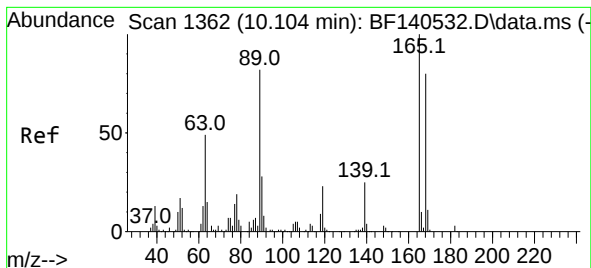
Ion Ratio Lower Upper

139 100

109 81.3 68.4 108.4

65 106.4 88.6 128.6

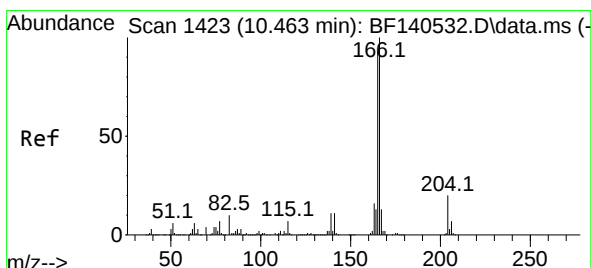
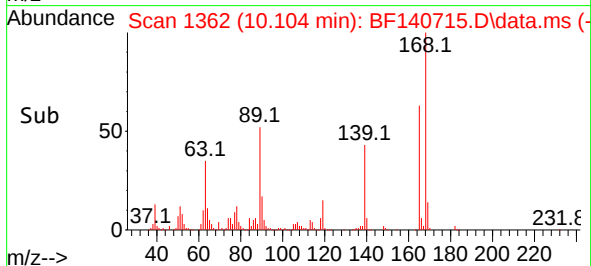
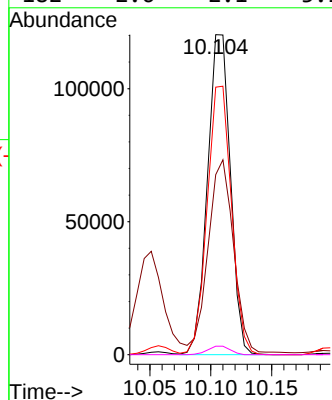
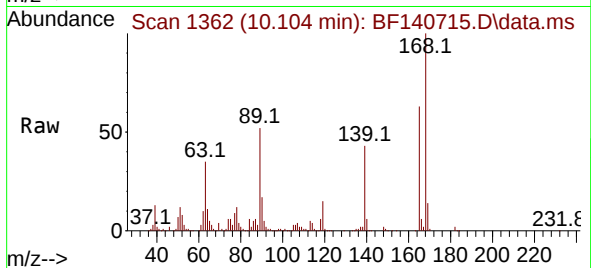




#57
2,4-Dinitrotoluene
Concen: 49.215 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

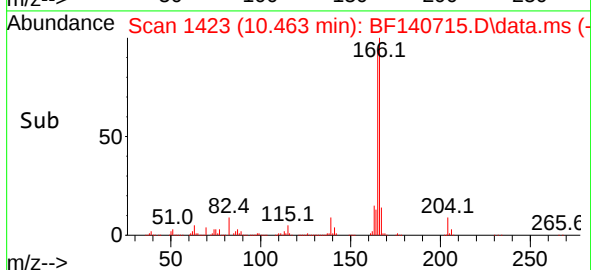
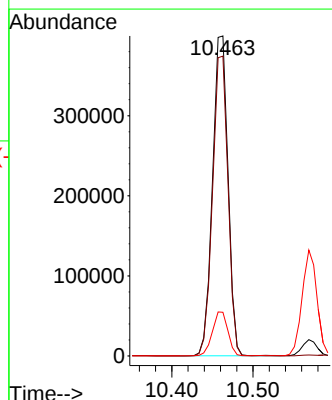
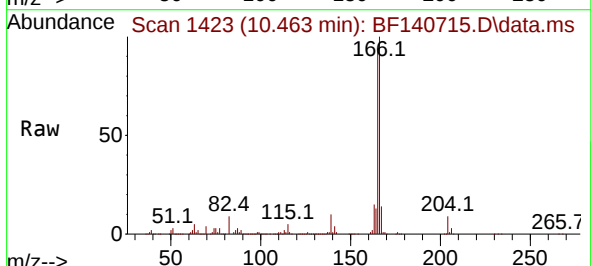
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

Tgt Ion:165 Resp: 157534
Ion Ratio Lower Upper
165 100
63 56.2 41.7 62.5
89 83.6 65.8 98.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 49.276 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

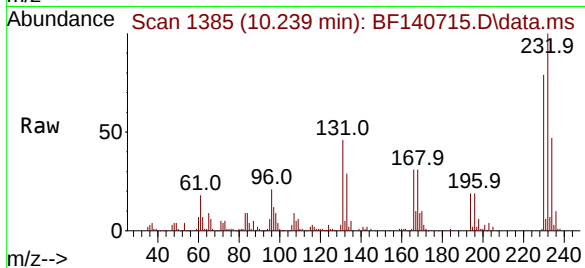
Tgt Ion:166 Resp: 528346
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.7 10.6 16.0



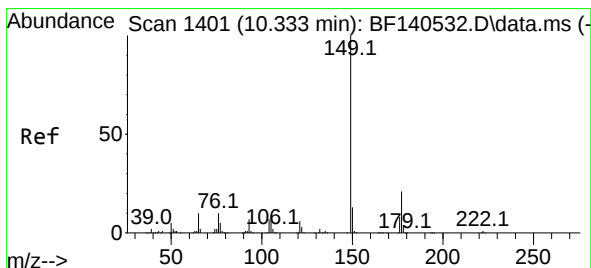
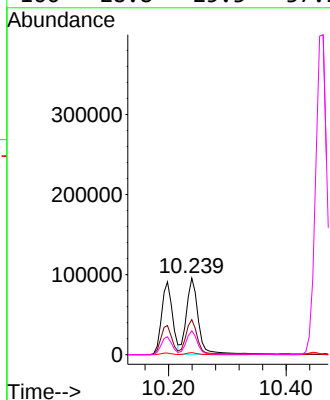
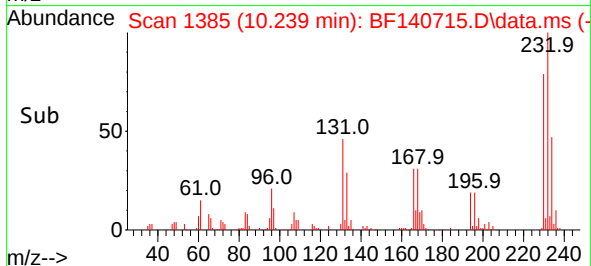


#59
2,3,4,6-Tetrachlorophenol
Concen: 53.745 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

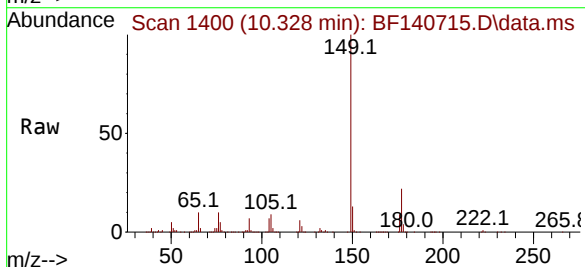
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD



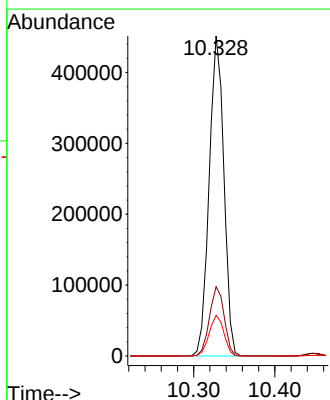
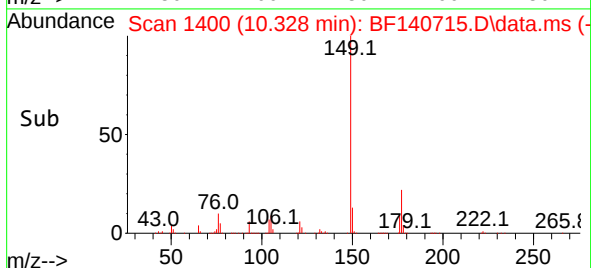
Tgt Ion:232 Resp: 132785
Ion Ratio Lower Upper
232 100
131 45.1 39.6 59.4
130 2.6 1.9 2.9
166 28.8 25.3 37.9

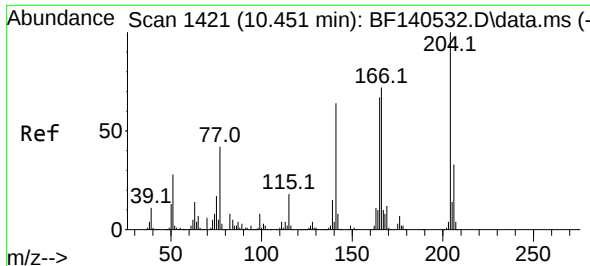


#60
Diethylphthalate
Concen: 52.450 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08



Tgt Ion:149 Resp: 565927
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.7 10.1 15.1

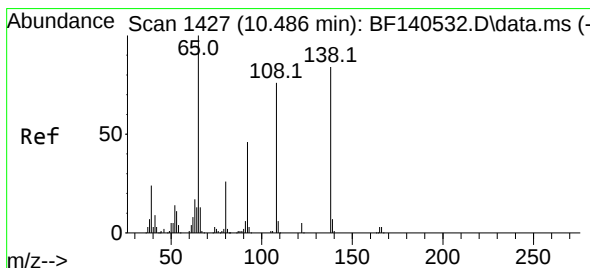
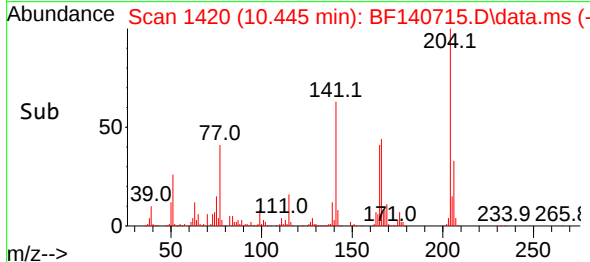
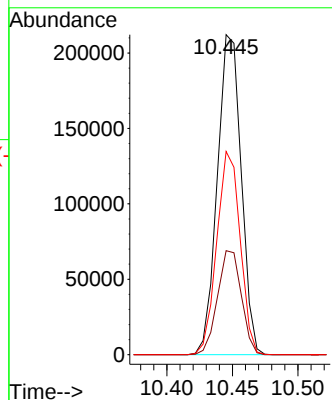
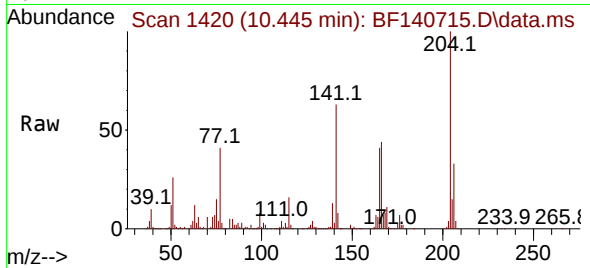




#61
4-Chlorophenyl-phenylether
Concen: 51.058 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

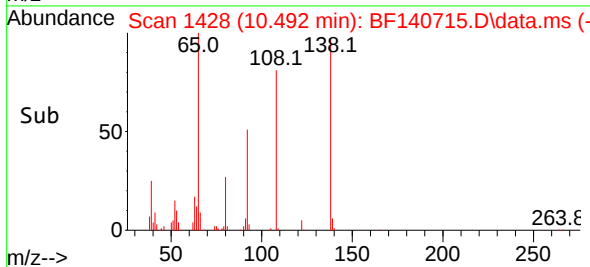
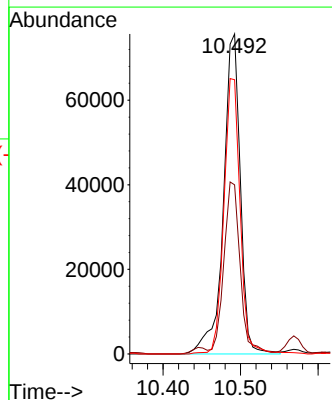
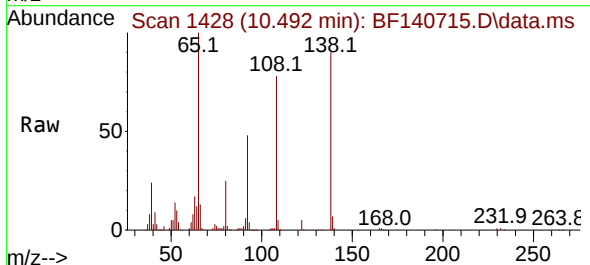
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

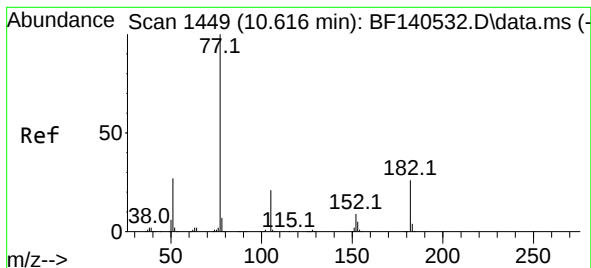
Tgt Ion:204 Resp: 268668
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 63.5 51.1 76.7



#62
4-Nitroaniline
Concen: 46.611 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:138 Resp: 115157
Ion Ratio Lower Upper
138 100
92 52.8 34.5 74.5
108 85.7 70.6 110.6





#63

Azobenzene

Concen: 56.778 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

Tgt Ion: 77 Resp: 580155

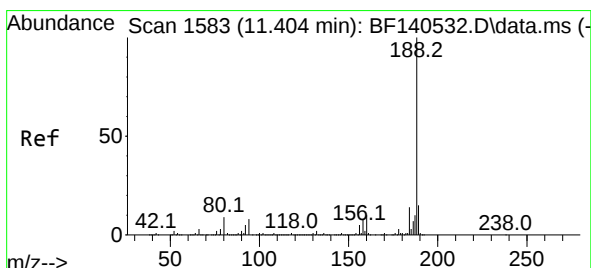
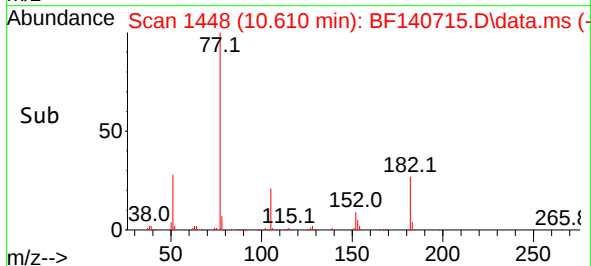
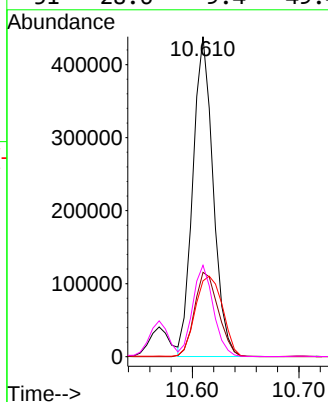
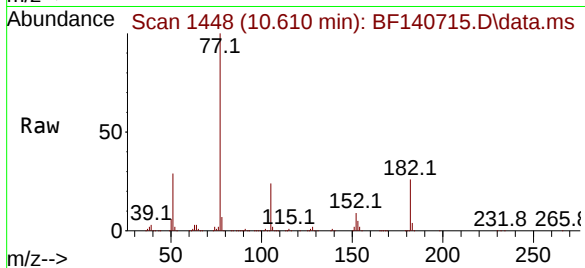
Ion Ratio Lower Upper

77 100

182 26.4 5.3 45.3

105 23.7 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: BF140715.D

Acq: 03 Dec 2024 17:08

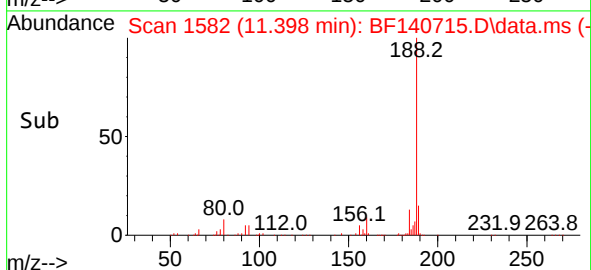
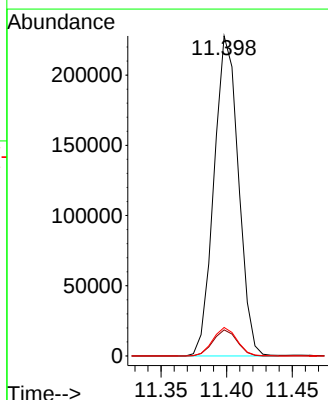
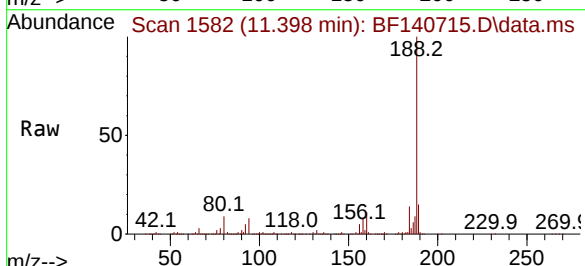
Tgt Ion: 188 Resp: 295257

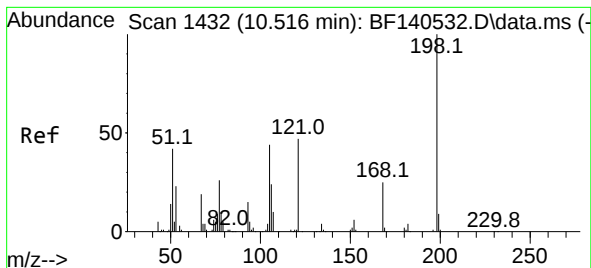
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.9 6.9 10.3

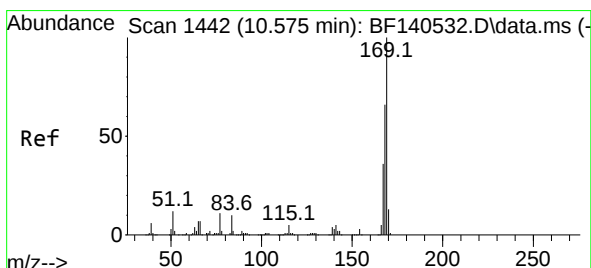
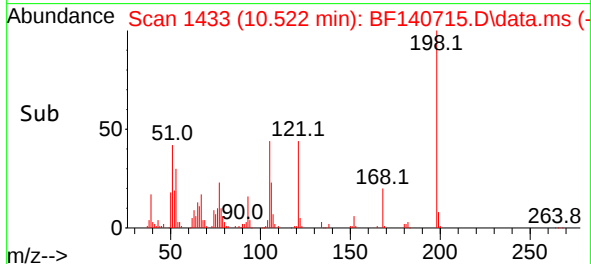
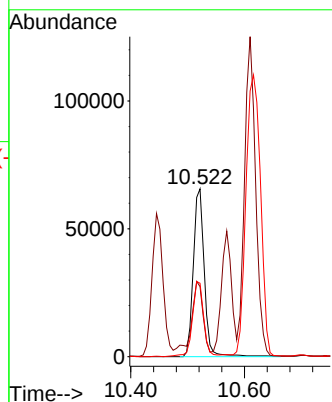
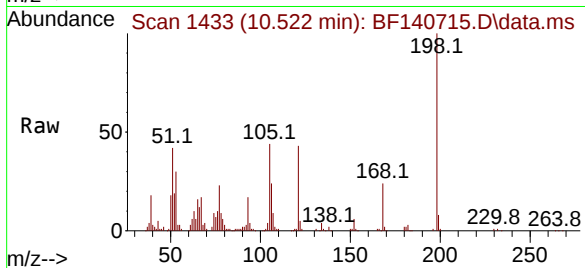




#65
4,6-Dinitro-2-methylphenol
Concen: 58.831 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

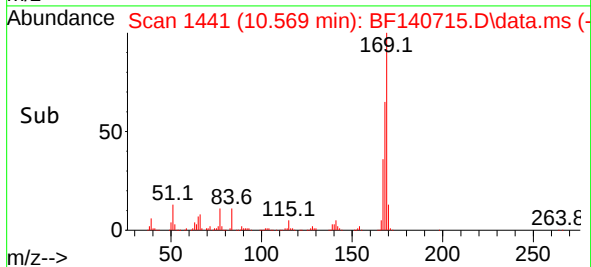
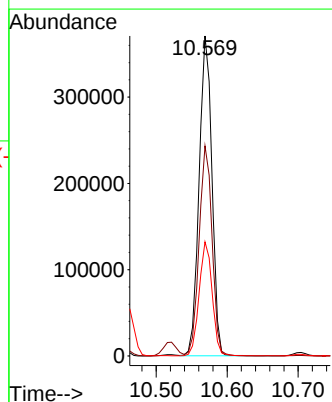
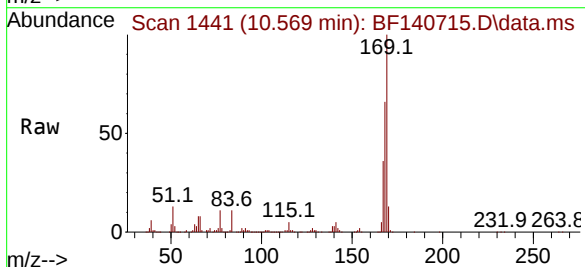
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

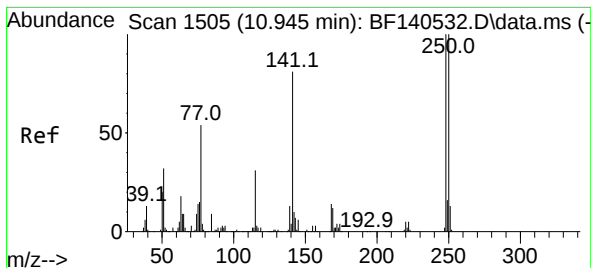
Tgt Ion:198 Resp: 88763
Ion Ratio Lower Upper
198 100
51 41.7 29.4 69.4
105 43.7 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 53.357 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:169 Resp: 465888
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 35.7 29.0 43.6

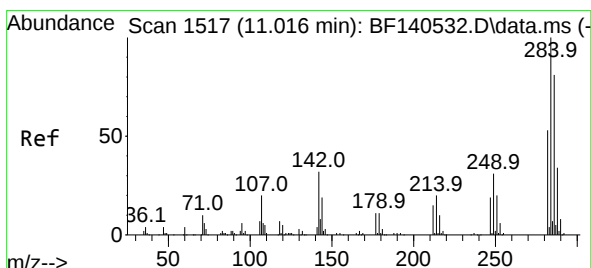
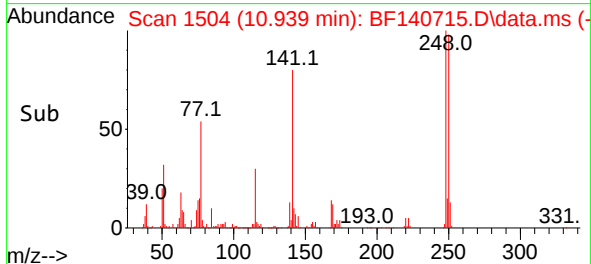
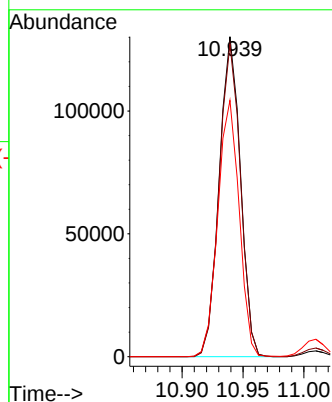
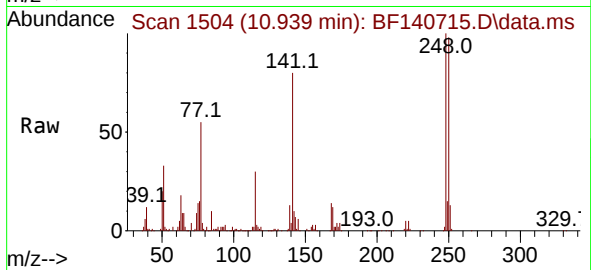




#67
4-Bromophenyl-phenylether
Concen: 52.076 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

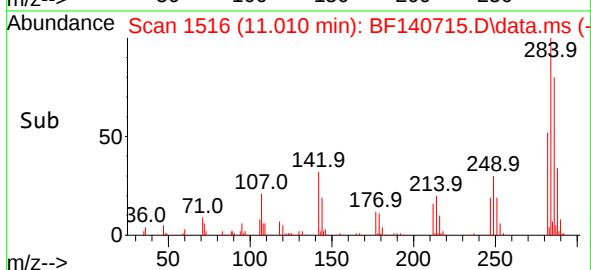
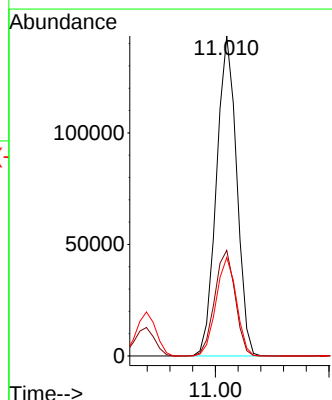
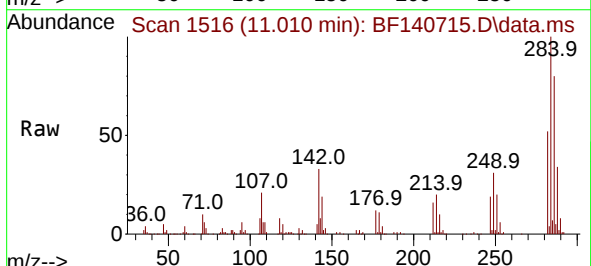
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

Tgt Ion:248 Resp: 158348
Ion Ratio Lower Upper
248 100
250 97.7 79.8 119.8
141 80.1 64.7 97.1



#68
Hexachlorobenzene
Concen: 50.376 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:284 Resp: 177367
Ion Ratio Lower Upper
284 100
142 33.0 25.3 37.9
249 30.7 24.8 37.2





#69

Atrazine

Concen: 63.161 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

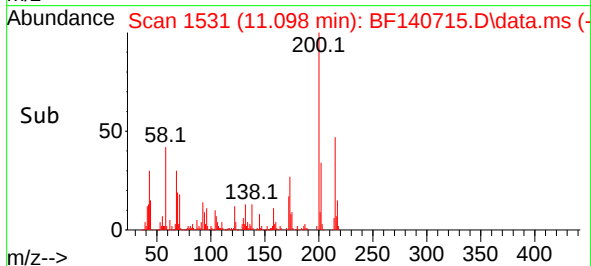
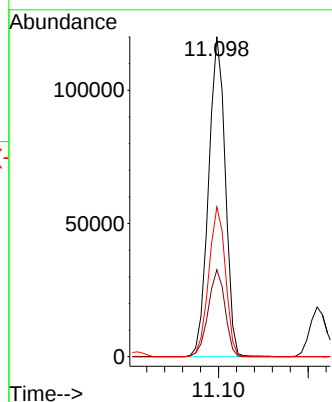
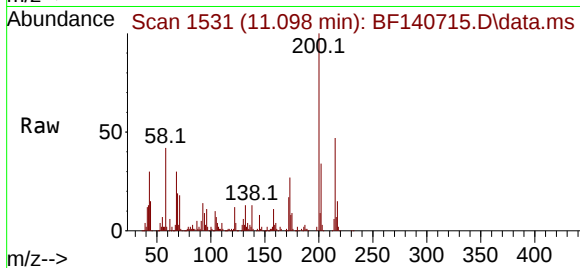
Tgt Ion:200 Resp: 155145

Ion Ratio Lower Upper

200 100

173 27.2 7.0 47.0

215 46.8 26.7 66.7



#70

Pentachlorophenol

Concen: 97.219 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

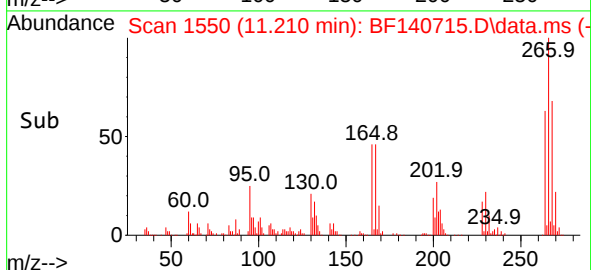
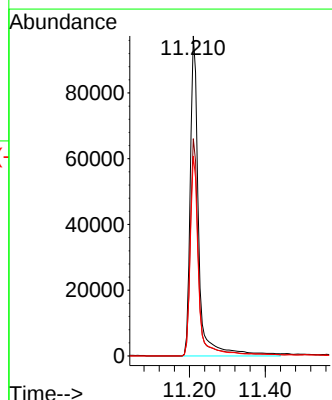
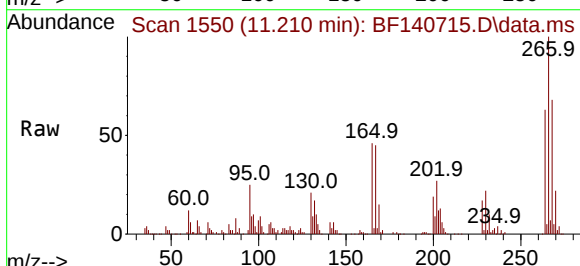
Tgt Ion:266 Resp: 150651

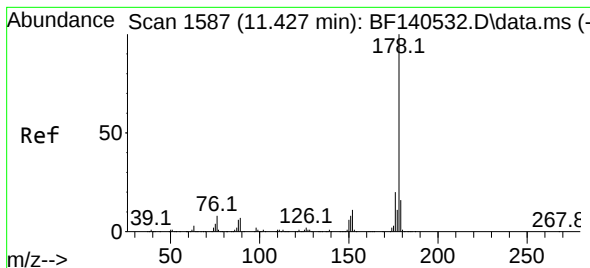
Ion Ratio Lower Upper

266 100

268 67.9 53.7 80.5

264 62.5 49.8 74.8





#71

Phenanthrene

Concen: 51.150 ng

RT: 11.428 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

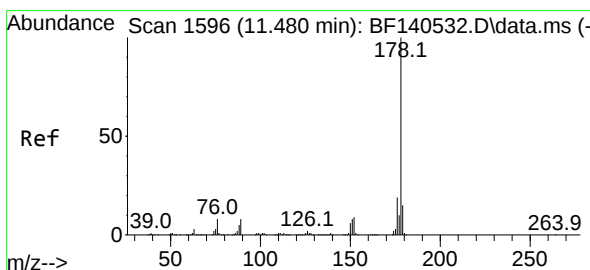
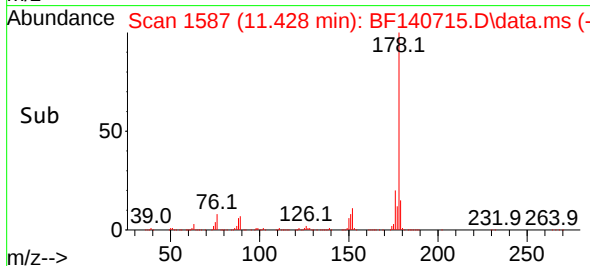
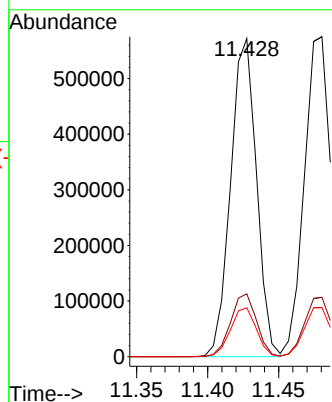
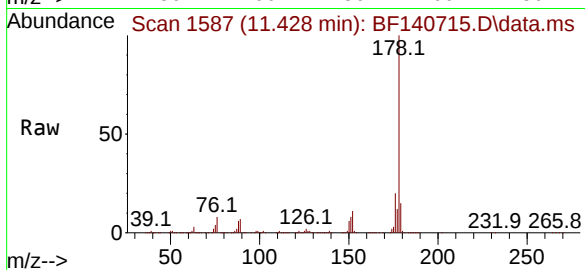
Tgt Ion:178 Resp: 725957

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.4 12.4 18.6



#72

Anthracene

Concen: 54.324 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

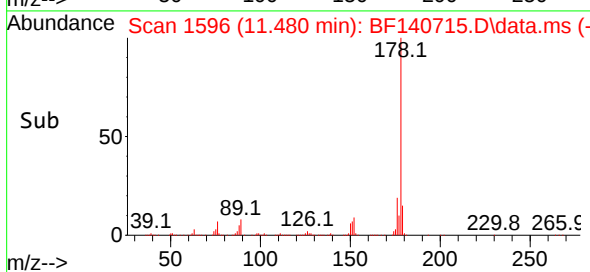
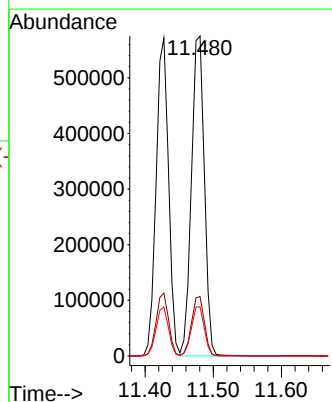
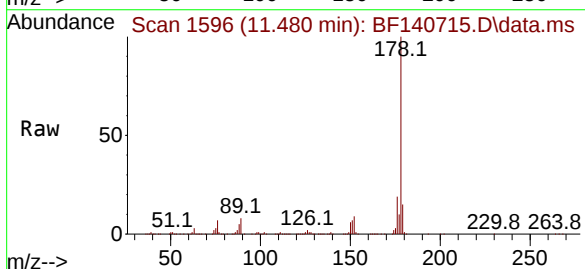
Tgt Ion:178 Resp: 754191

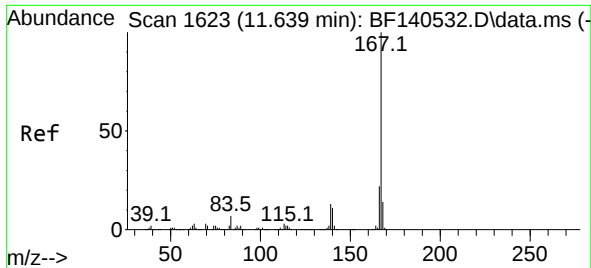
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.3 12.2 18.4

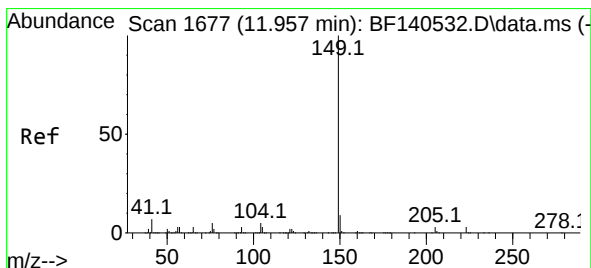
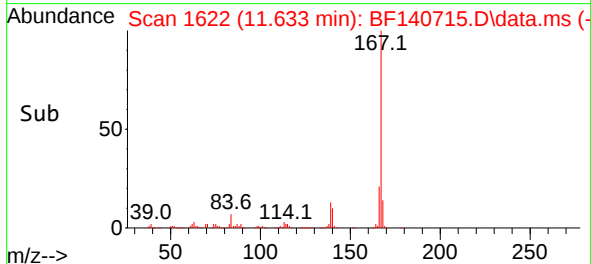
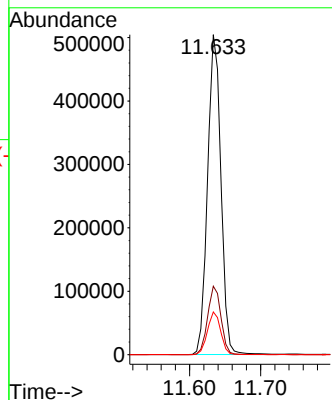
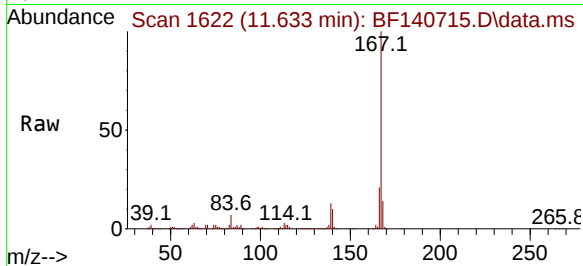




#73
 Carbazole
 Concen: 49.411 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140715.D
 Acq: 03 Dec 2024 17:08

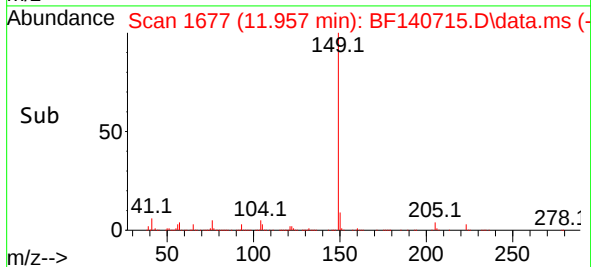
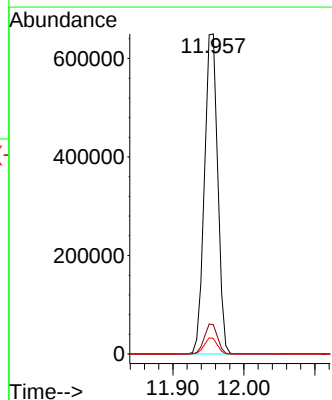
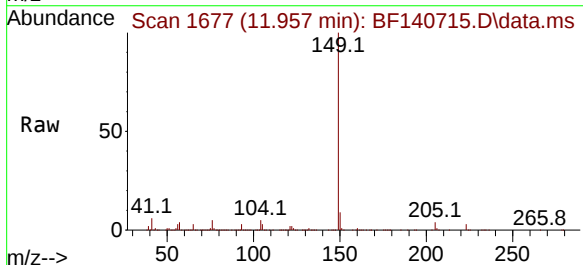
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63MSD

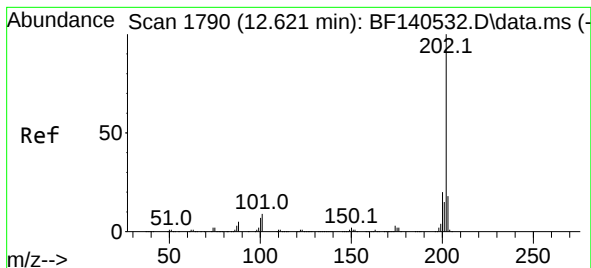
Tgt Ion:167	Resp: 659921
Ion Ratio	Lower Upper
167 100	
166 21.4	17.2 25.8
139 13.4	10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 54.894 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF140715.D
 Acq: 03 Dec 2024 17:08

Tgt Ion:149	Resp: 846424
Ion Ratio	Lower Upper
149 100	
150 9.2	7.5 11.3
104 4.9	4.1 6.1





#75

Fluoranthene

Concen: 47.117 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140715.D

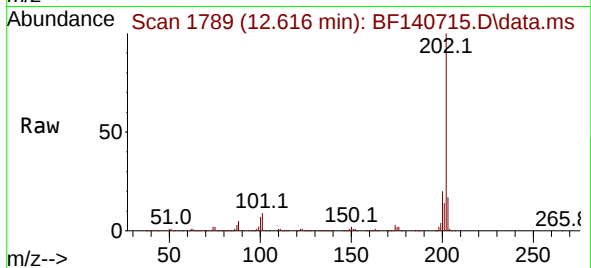
Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD



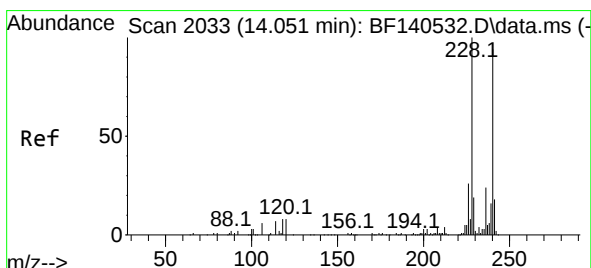
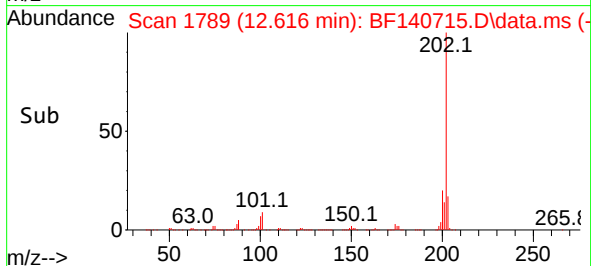
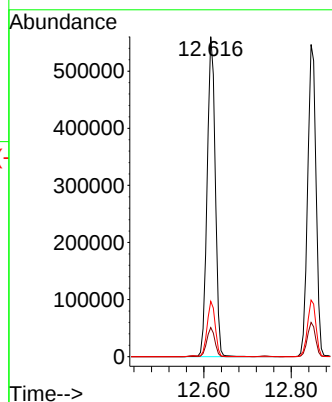
Tgt Ion:202 Resp: 726057

Ion Ratio Lower Upper

202 100

101 9.1 0.0 28.9

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

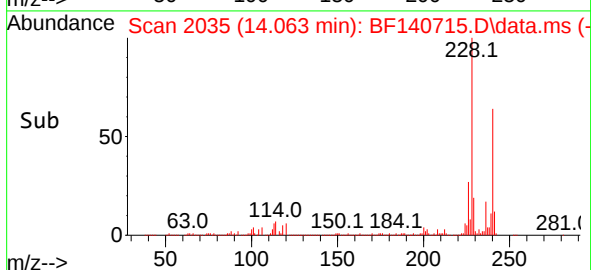
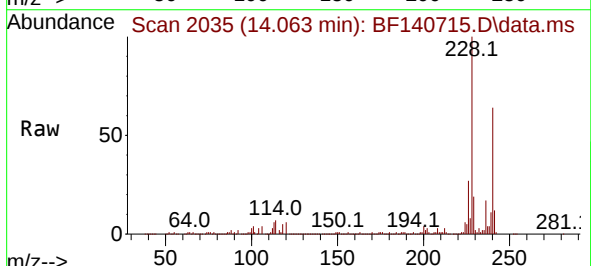
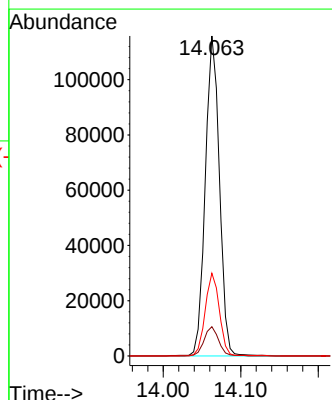
Tgt Ion:240 Resp: 146649

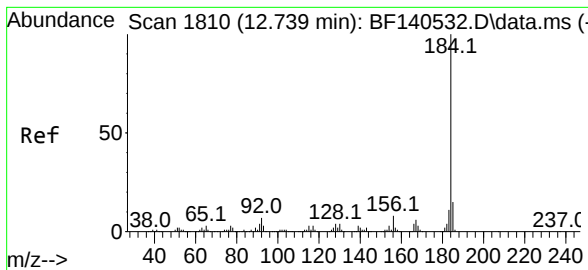
Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 25.9 20.6 31.0

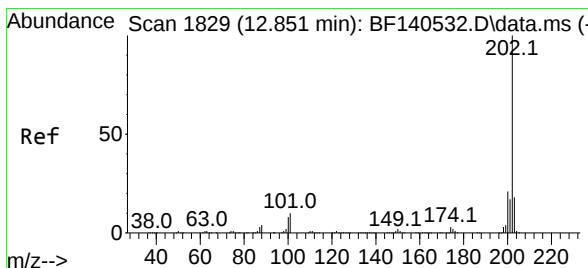
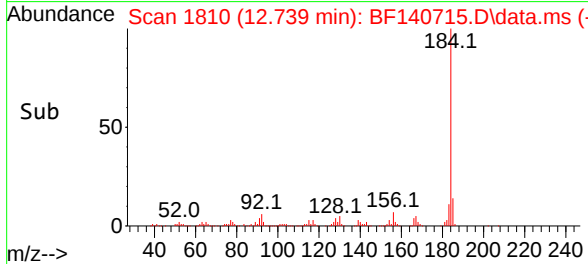
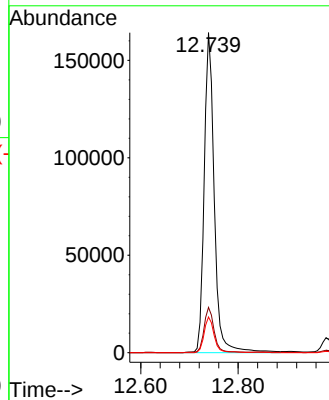
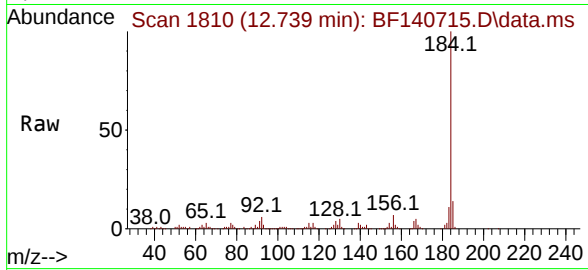




#77
Benzidine
Concen: 55.546 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

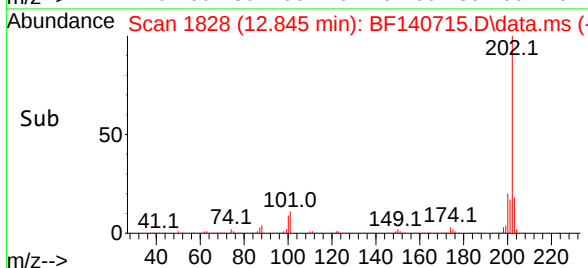
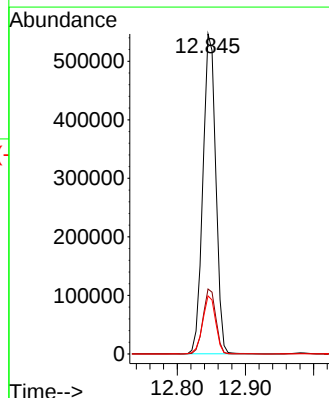
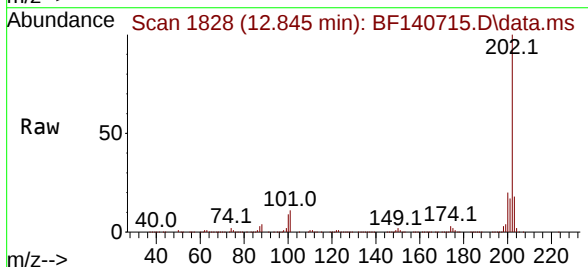
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

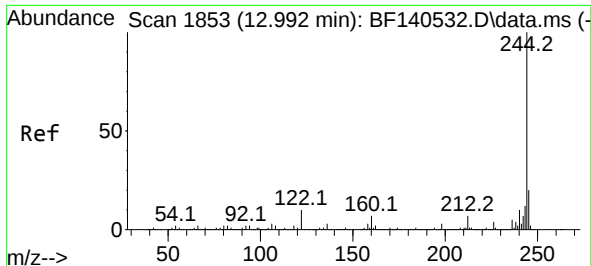
Tgt Ion:184 Resp: 236835
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.2 8.8 13.2



#78
Pyrene
Concen: 52.908 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:202 Resp: 717414
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 18.1 14.2 21.4

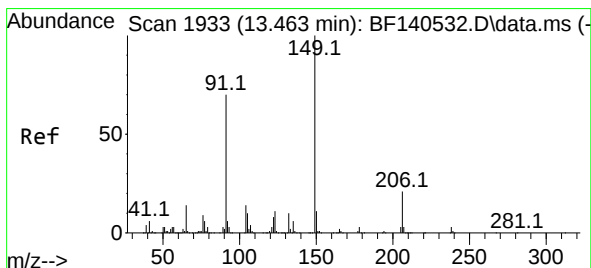
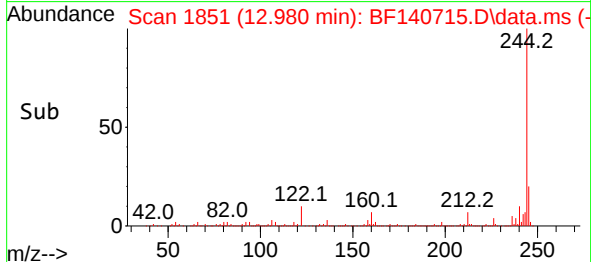
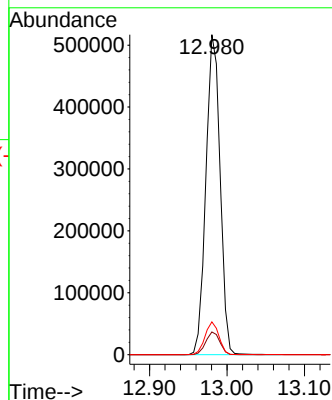
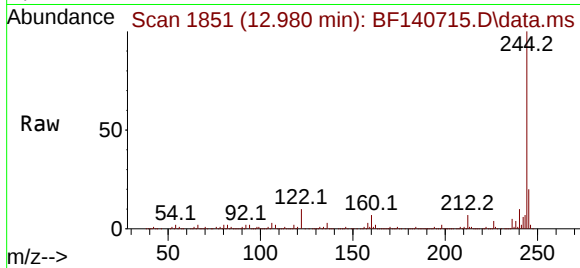




#79
 Terphenyl-d14
 Concen: 69.740 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140715.D
 Acq: 03 Dec 2024 17:08

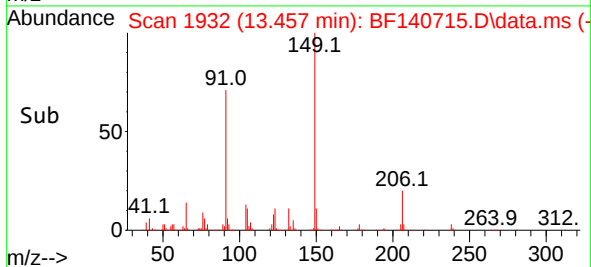
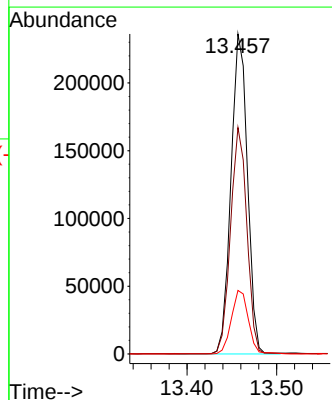
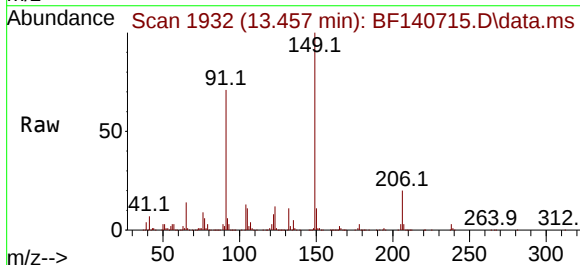
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63MSD

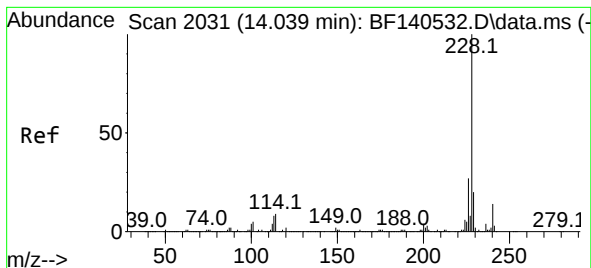
Tgt Ion:244 Resp: 656802
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.2 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 61.517 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140715.D
 Acq: 03 Dec 2024 17:08

Tgt Ion:149 Resp: 300490
 Ion Ratio Lower Upper
 149 100
 91 70.7 56.2 84.2
 206 19.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 53.358 ng

RT: 14.051 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

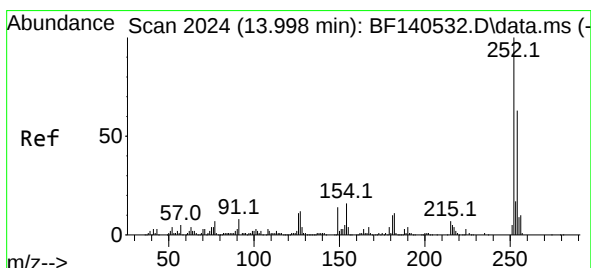
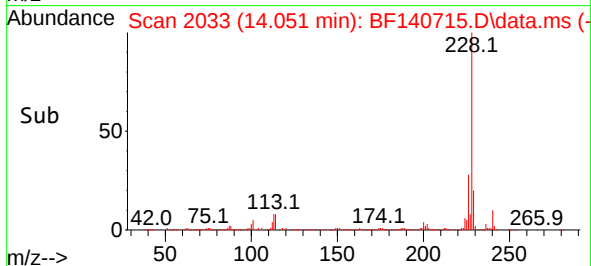
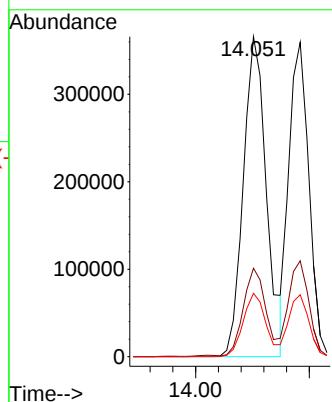
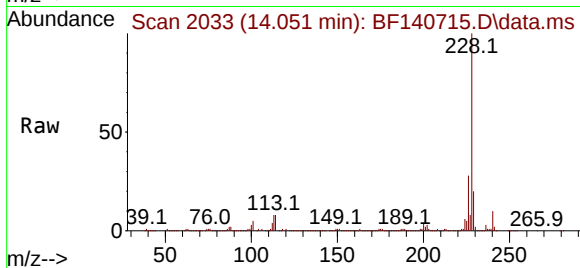
Tgt Ion:228 Resp: 517973

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 41.152 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

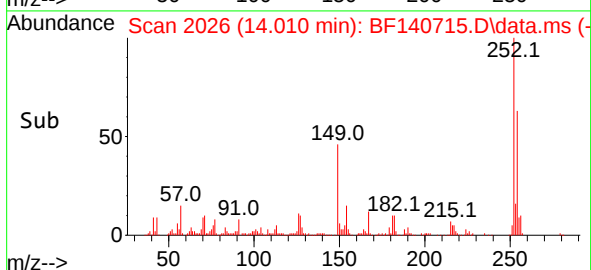
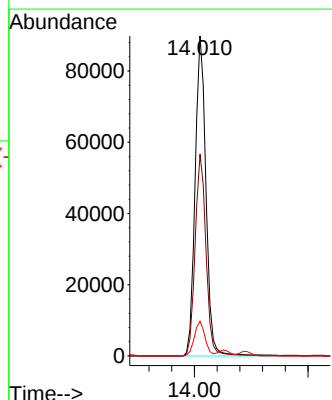
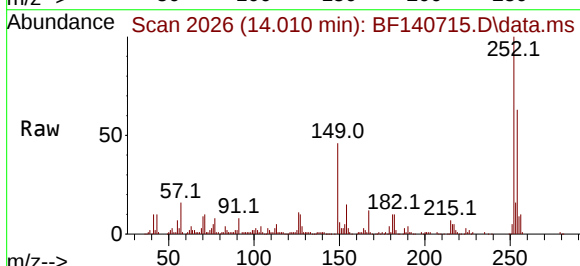
Tgt Ion:252 Resp: 119940

Ion Ratio Lower Upper

252 100

254 63.1 50.8 76.2

126 10.9 8.6 13.0





#83

Chrysene

Concen: 49.611 ng

RT: 14.092 min Scan# 2038

Delta R.T. 0.012 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

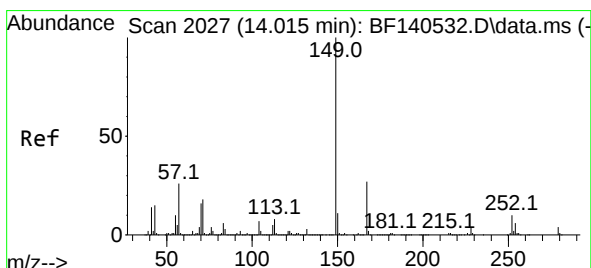
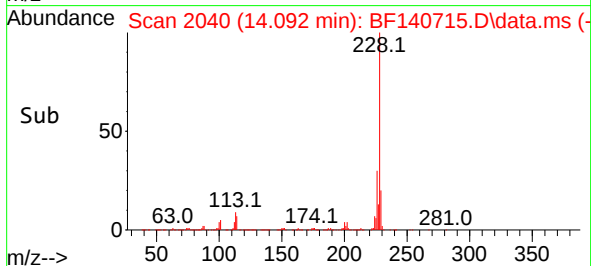
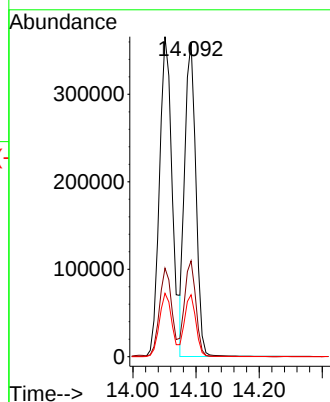
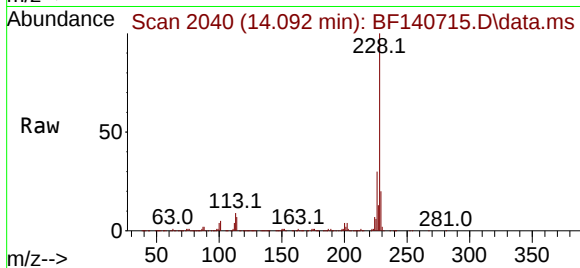
Tgt Ion:228 Resp: 440371

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.708 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.012 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

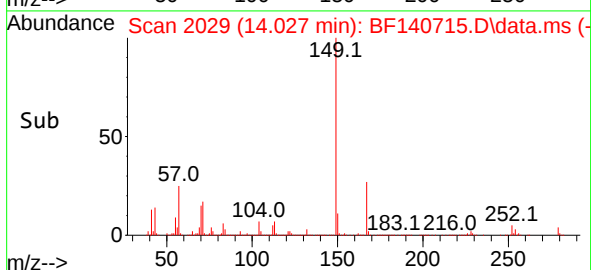
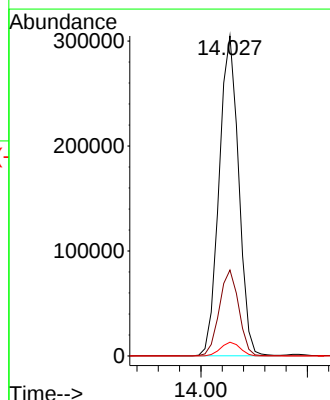
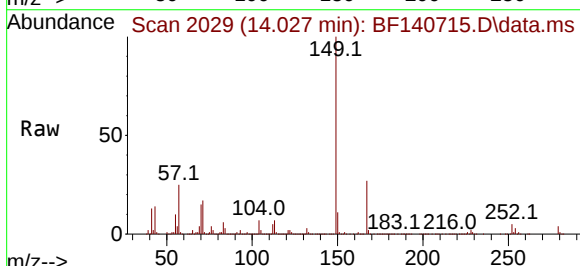
Tgt Ion:149 Resp: 386780

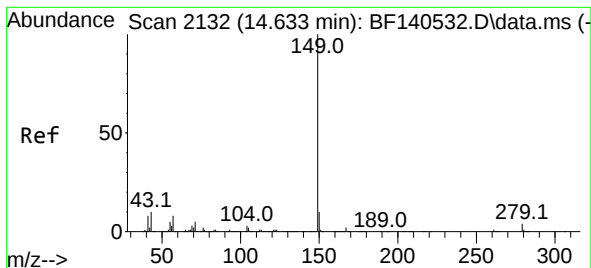
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 64.505 ng

RT: 14.674 min Scan# 2132

Delta R.T. 0.041 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

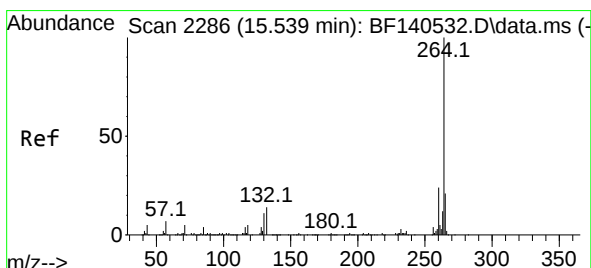
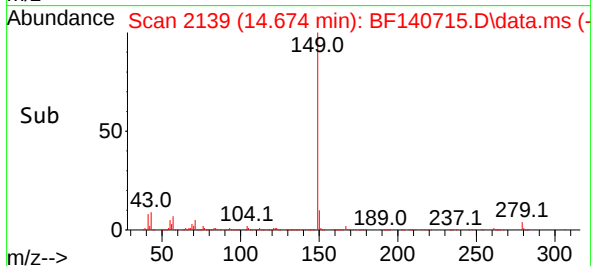
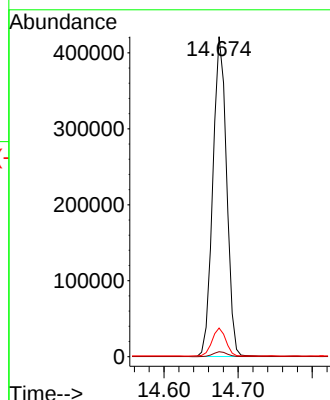
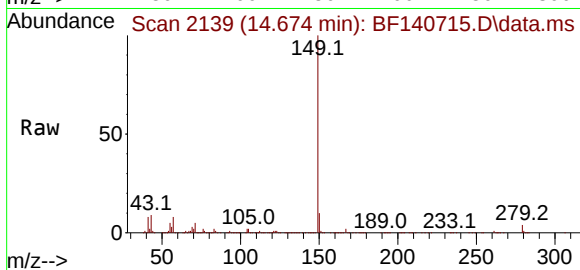
Tgt Ion:149 Resp: 543731

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2294

Delta R.T. 0.047 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

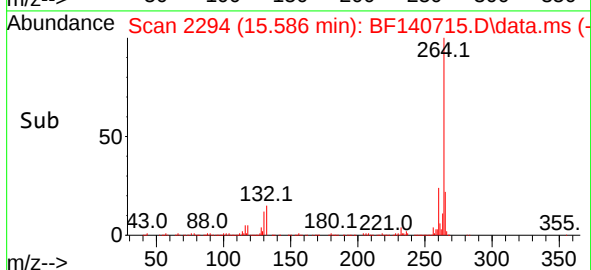
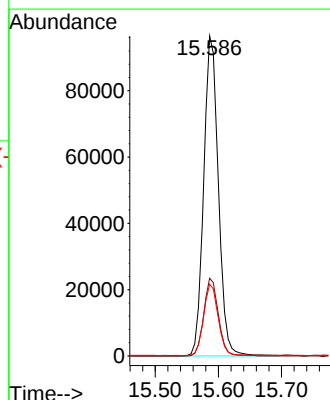
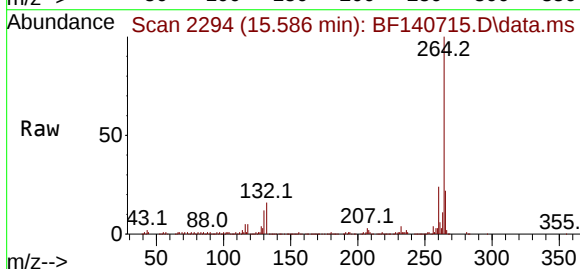
Tgt Ion:264 Resp: 156187

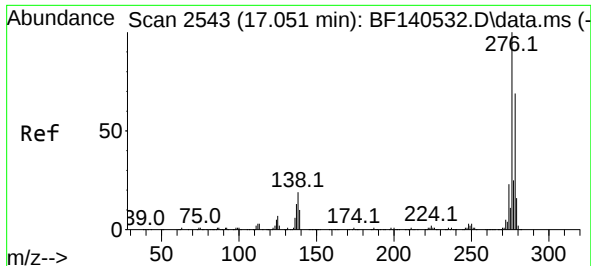
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 22.5 16.6 25.0

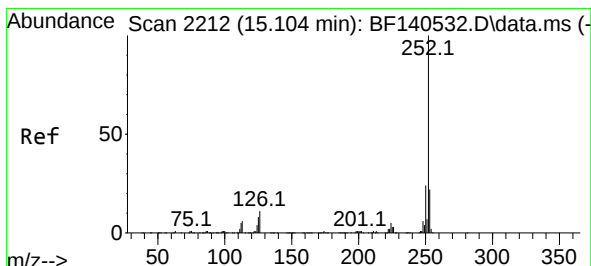
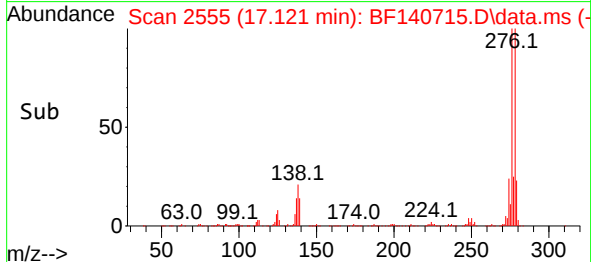
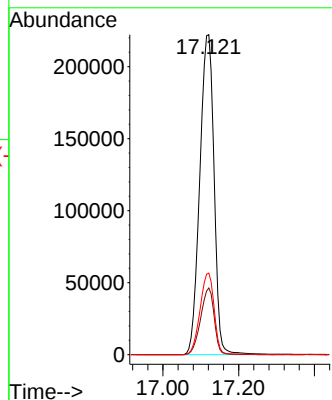
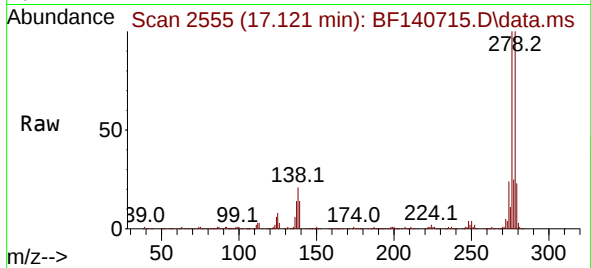




#87
Indeno(1,2,3-cd)pyrene
Concen: 57.331 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

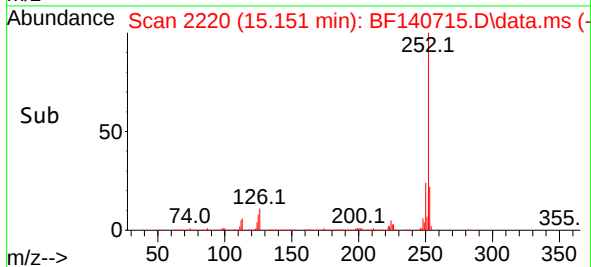
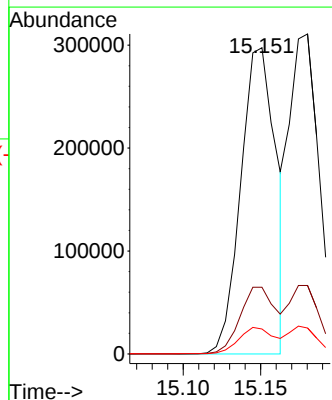
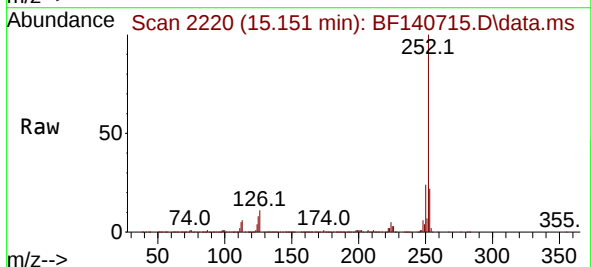
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63MSD

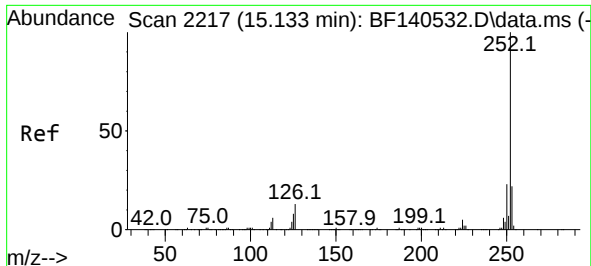
Tgt Ion:276 Resp: 583547
Ion Ratio Lower Upper
276 100
138 19.8 15.5 23.3
277 25.2 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 47.853 ng
RT: 15.151 min Scan# 2220
Delta R.T. 0.047 min
Lab File: BF140715.D
Acq: 03 Dec 2024 17:08

Tgt Ion:252 Resp: 469453
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 48.987 ng

RT: 15.180 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

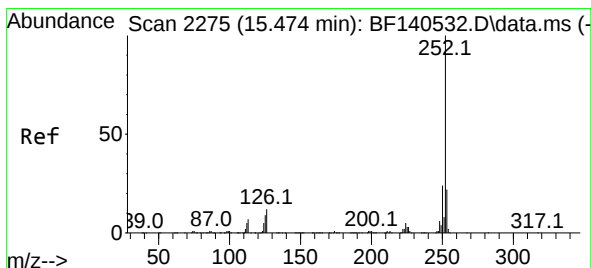
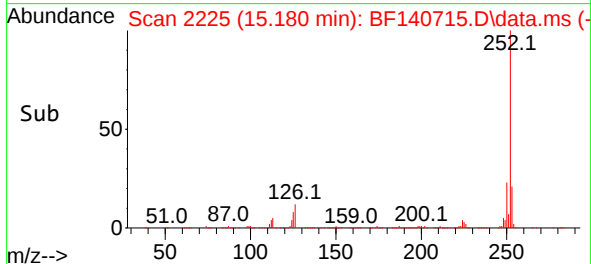
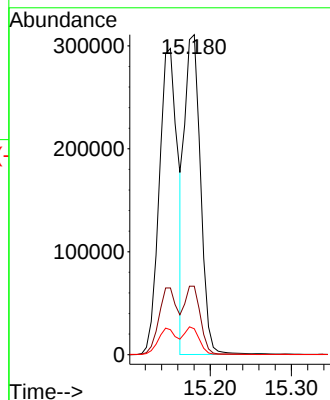
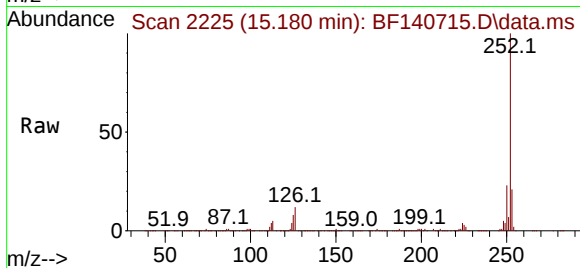
Tgt Ion:252 Resp: 420550

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 8.1 6.5 9.7



#90

Benzo(a)pyrene

Concen: 54.949 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.053 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

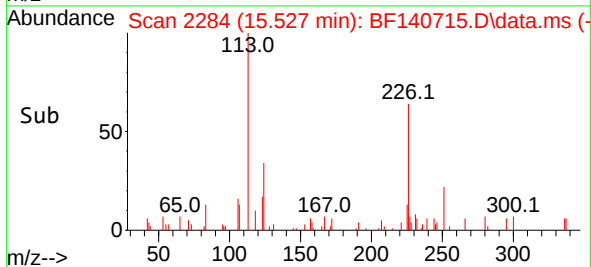
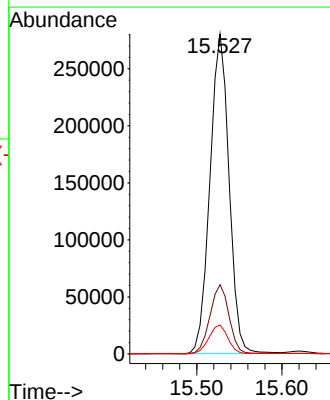
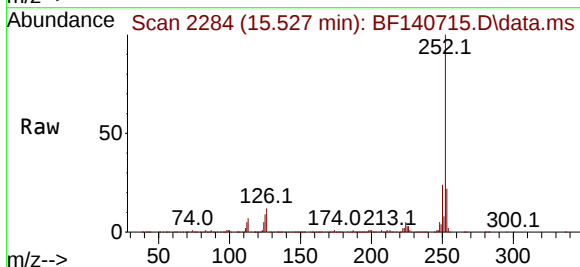
Tgt Ion:252 Resp: 438306

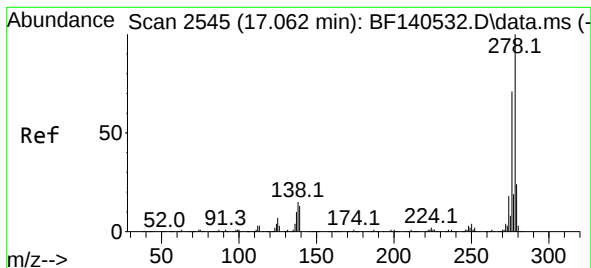
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.0 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 57.606 ng

RT: 17.127 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63MSD

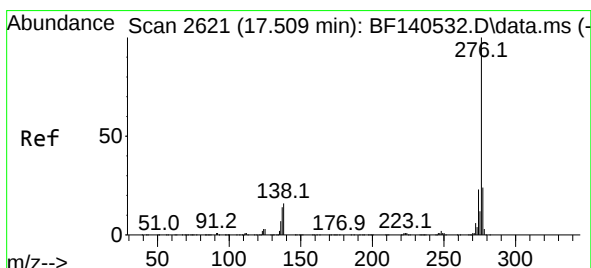
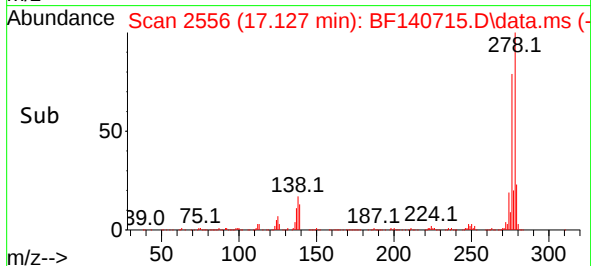
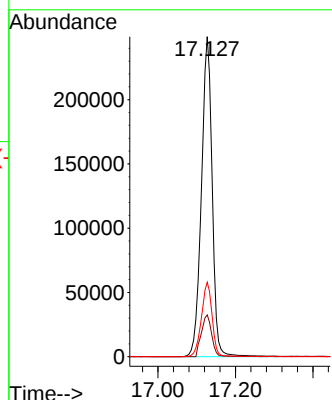
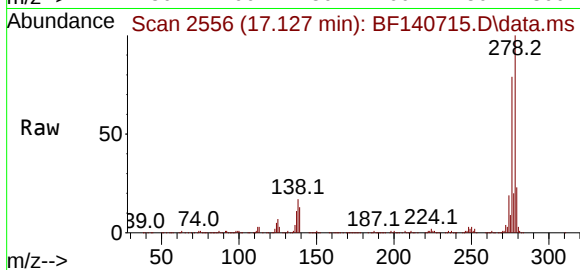
Tgt Ion:278 Resp: 480198

Ion Ratio Lower Upper

278 100

139 13.0 10.2 15.4

279 23.2 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 51.913 ng

RT: 17.574 min Scan# 2632

Delta R.T. 0.065 min

Lab File: BF140715.D

Acq: 03 Dec 2024 17:08

Tgt Ion:276 Resp: 441581

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 17.0 13.2 19.8

