

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
 Data File : BN016350.D
 Acq On : 20 Sep 2021 18:46
 Operator : CG/JU
 Sample : M3817-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.5)

Quant Time: Sep 21 01:34:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 20 11:09:23 2021
 Response via : Initial Calibration

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

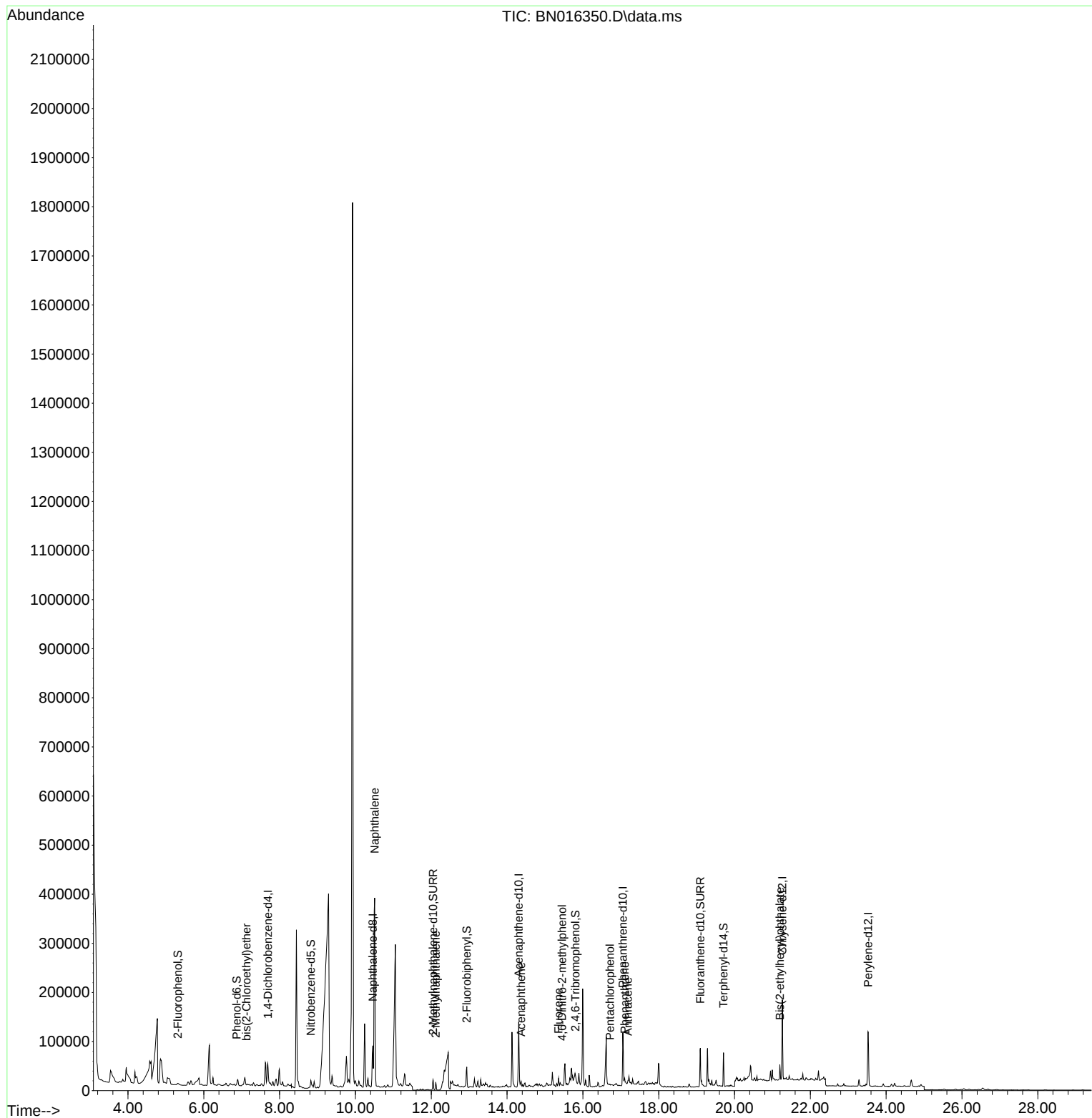
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	25700	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	114509	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	67680	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	137457	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	146006	0.400	ng	# 0.00
35) Perylene-d12	23.522	264	147961	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	4139	0.064	ng	0.00
5) Phenol-d6	6.868	99	2821	0.036	ng	0.00
8) Nitrobenzene-d5	8.822	82	11975	0.176	ng	0.00
11) 2-Methylnaphthalene-d10	12.047	152	28135	0.156	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	5546	0.279	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	36618	0.138	ng	0.00
27) Fluoranthene-d10	19.097	212	84368	0.212	ng	0.00
31) Terphenyl-d14	19.708	244	66686	0.197	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.126	93	4180	0.060	ng	# 19
9) Naphthalene	10.508	128	548495	1.778	ng	100
12) 2-Methylnaphthalene	12.118	142	10792	0.053	ng	# 95
17) Acenaphthene	14.370	154	5362	0.027	ng	95
18) Fluorene	15.360	166	10276	0.042	ng	# 99
20) 4,6-Dinitro-2-methylph...	15.448	198	151	0.168	ng	# 1
24) Pentachlorophenol	16.713	266	1047	0.041	ng	97
25) Phenanthrene	17.102	178	16319	0.042	ng	# 83
26) Anthracene	17.188	178	11992	0.032	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.195	149	27613	0.109	ng	99

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

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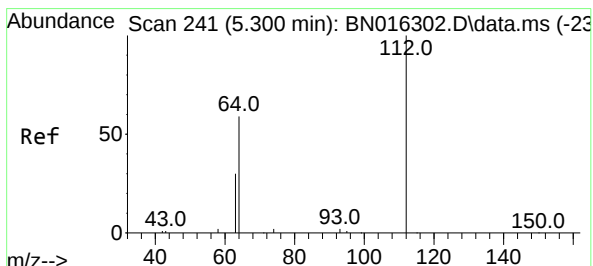
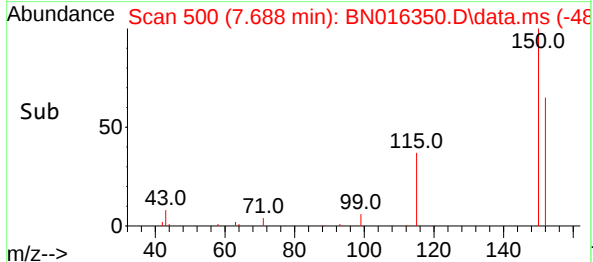
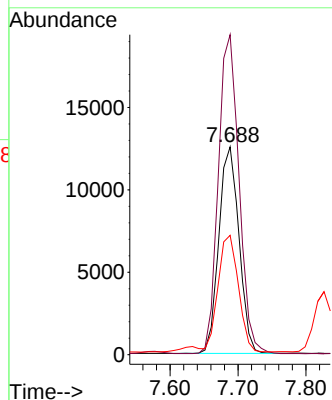
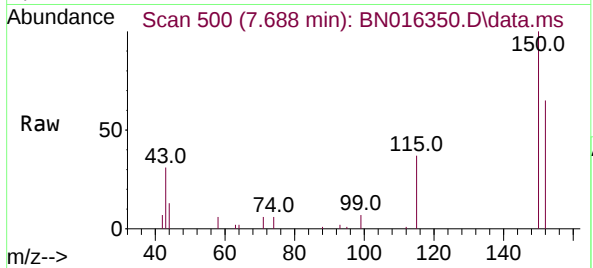




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. 0.000 min
 Lab File: BN016350.D
 Acq: 20 Sep 2021 18:46

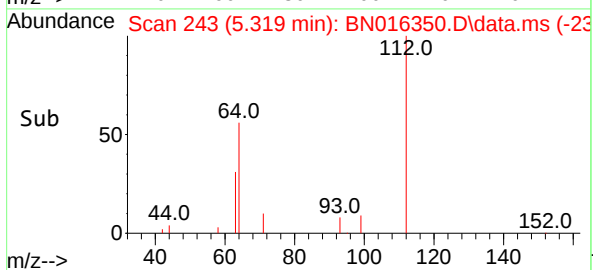
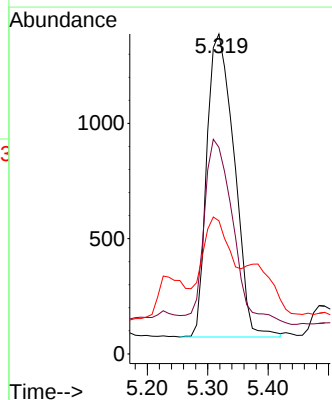
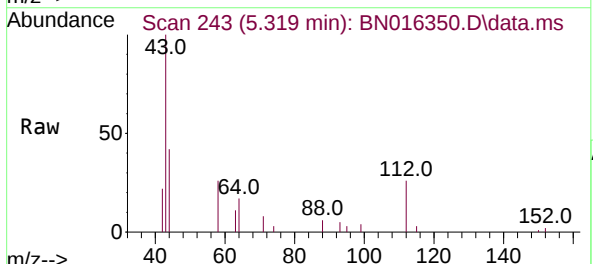
Instrument :
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 SW-CB-04-(1.5)

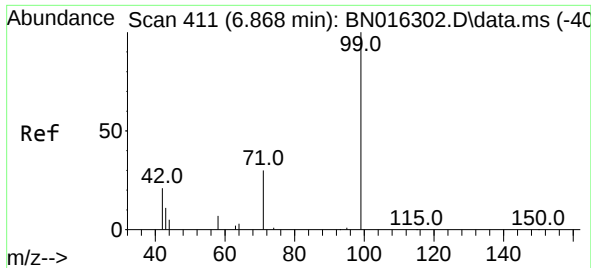
Tgt Ion:152 Resp: 25700
 Ion Ratio Lower Upper
 152 100
 150 154.0 125.6 188.4
 115 57.4 50.2 75.2



#4
 2-Fluorophenol
 Concen: 0.064 ng
 RT: 5.319 min Scan# 243
 Delta R.T. 0.009 min
 Lab File: BN016350.D
 Acq: 20 Sep 2021 18:46

Tgt Ion:112 Resp: 4139
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.3 70.9
 63 21.3 23.4 35.0#

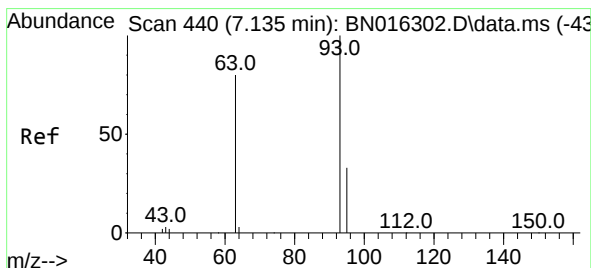
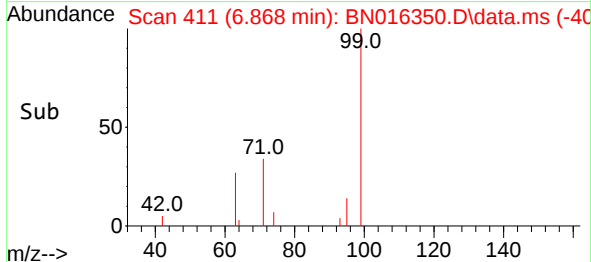
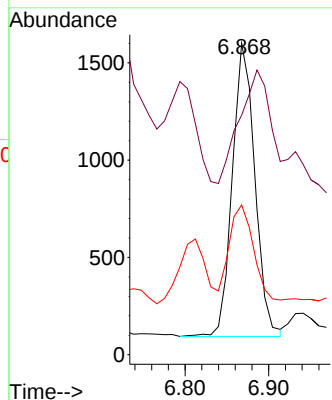
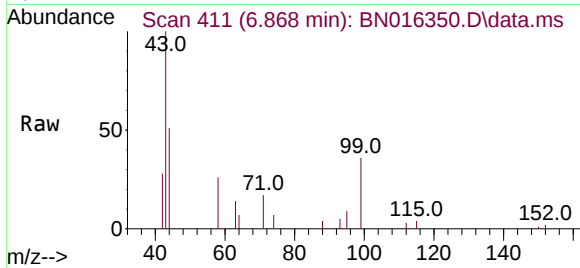




#5
Phenol-d6
Concen: 0.036 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

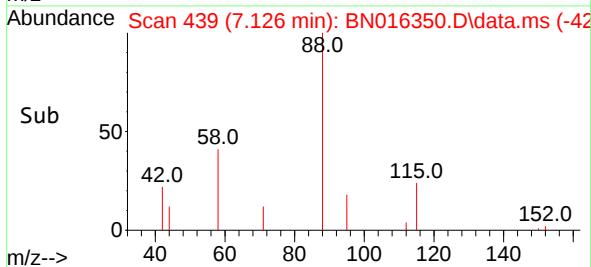
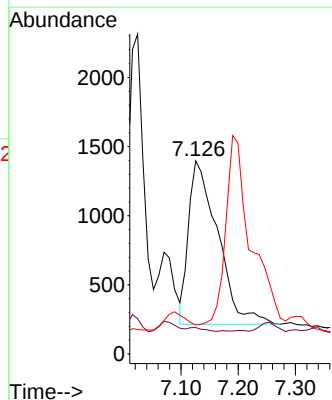
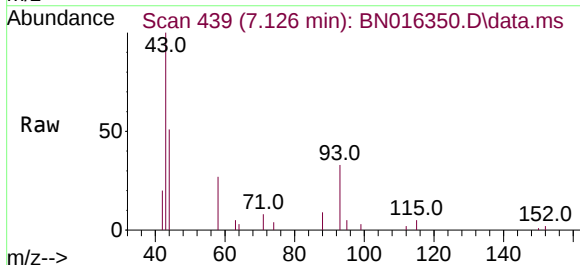
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ClientSampleId :
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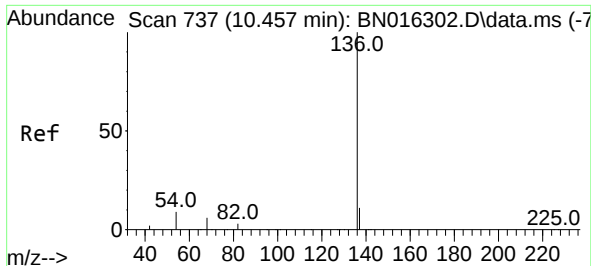
Tgt Ion: 99 Resp: 2821
Ion Ratio Lower Upper
99 100
42 54.8 14.0 21.0#
71 33.9 23.8 35.6



#6
bis(2-Chloroethyl)ether
Concen: 0.060 ng
RT: 7.126 min Scan# 439
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

Tgt Ion: 93 Resp: 4180
Ion Ratio Lower Upper
93 100
63 0.0 63.4 95.0#
95 0.0 26.8 40.2#

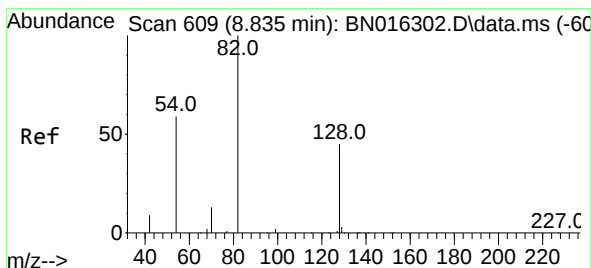
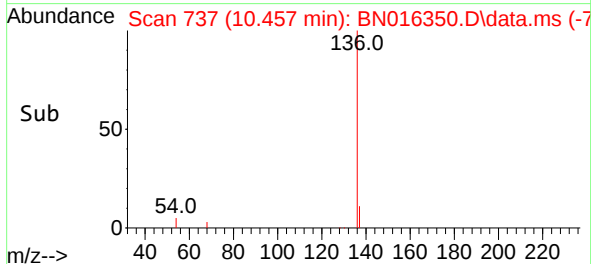
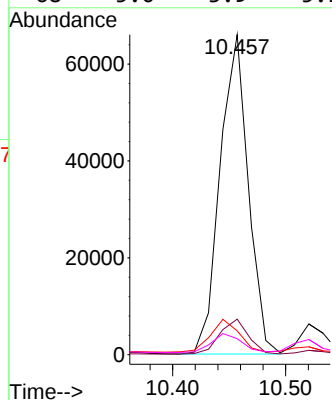
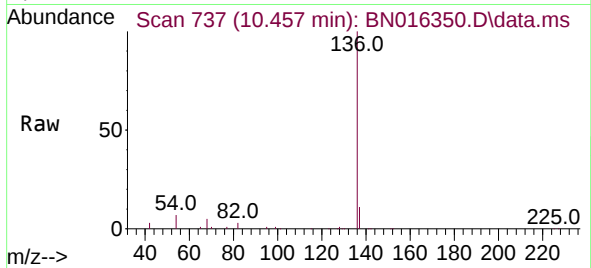




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

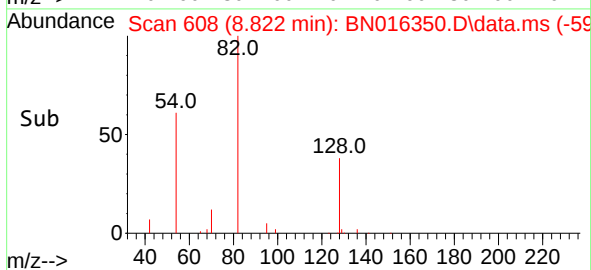
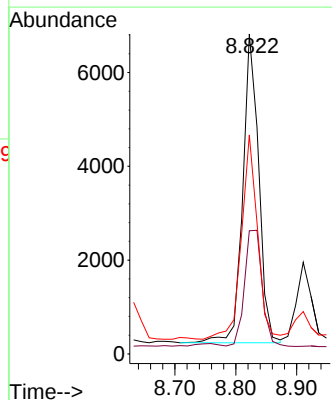
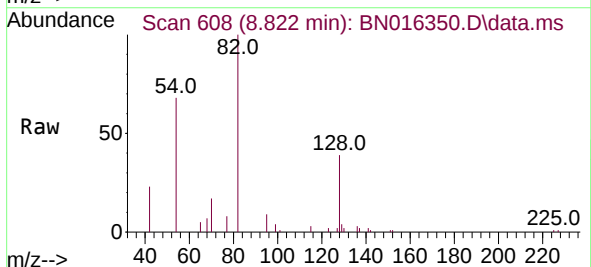
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

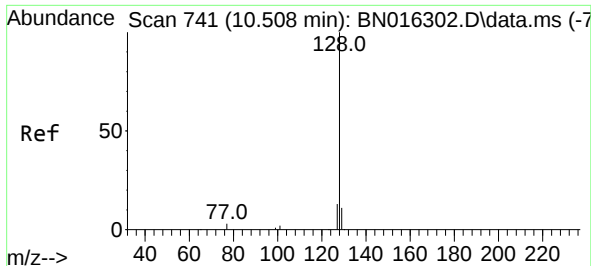
Tgt Ion:	136	Resp:	114509
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.5	5.3	7.9
68	5.0	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.176 ng
RT: 8.822 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

Tgt Ion:	82	Resp:	11975
Ion Ratio	Lower	Upper	
82	100		
128	38.5	31.7	47.5
54	68.5	46.4	69.6

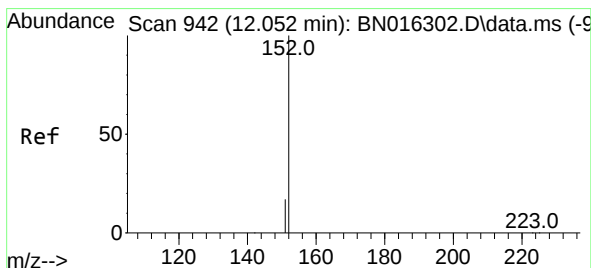
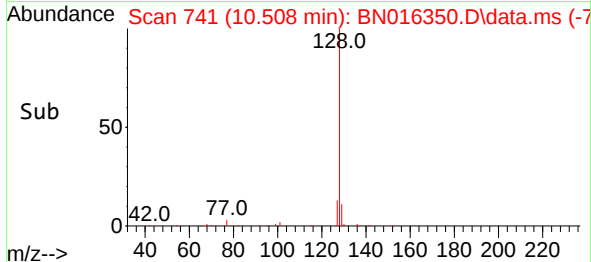
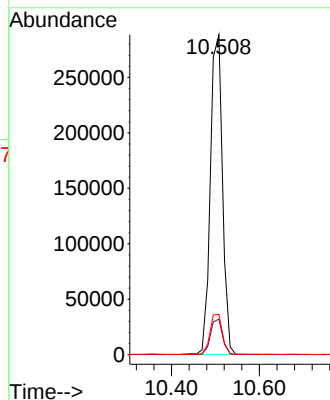
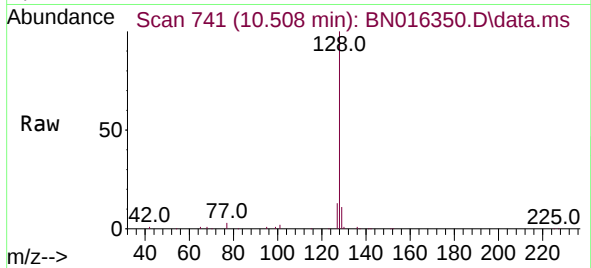




#9
Naphthalene
Concen: 1.778 ng
RT: 10.508 min Scan# 741
Delta R.T. 0.013 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

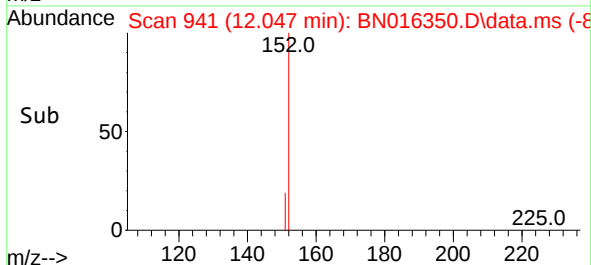
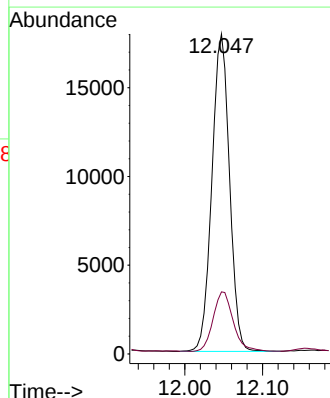
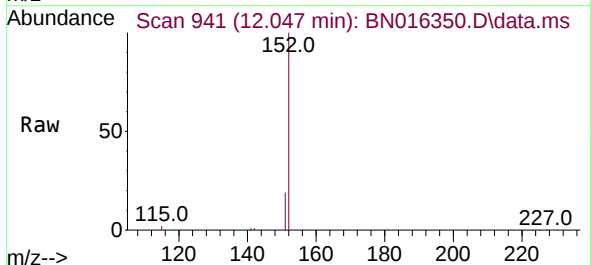
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ClientSampleId :
SW-CB-04-(1.5)

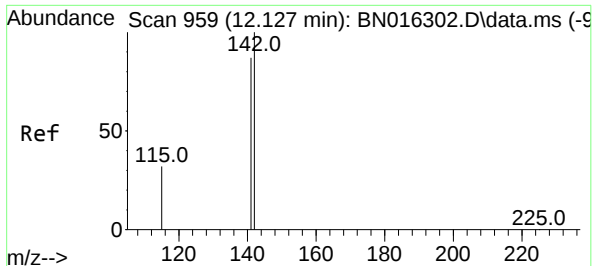
Tgt Ion:128 Resp: 548495
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.6 10.1 15.1



#11
2-Methylnaphthalene-d10
Concen: 0.156 ng
RT: 12.047 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

Tgt Ion:152 Resp: 28135
Ion Ratio Lower Upper
152 100
151 21.4 16.1 24.1

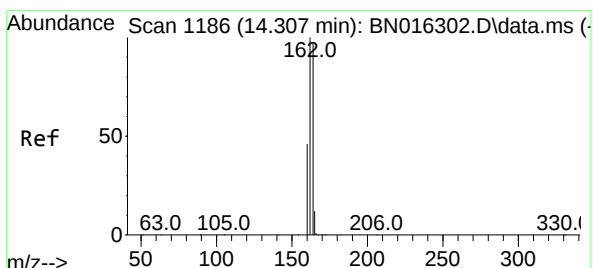
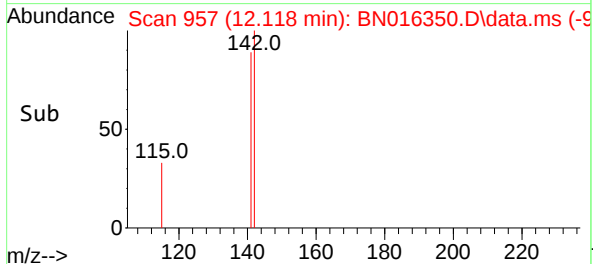
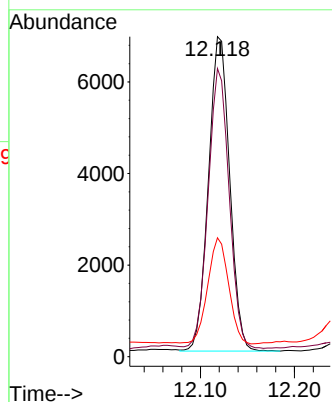
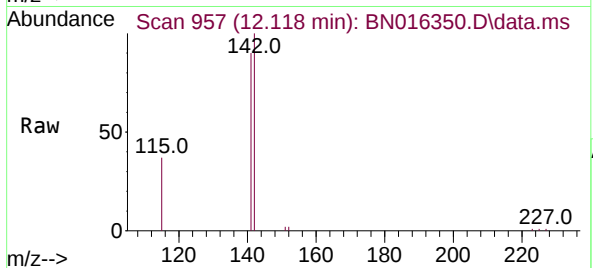




#12
2-Methylnaphthalene
Concen: 0.053 ng
RT: 12.118 min Scan# 957
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

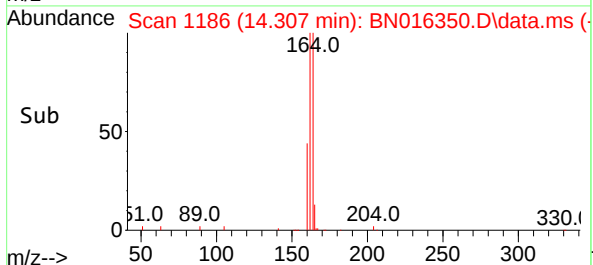
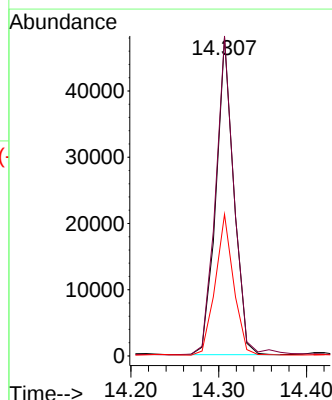
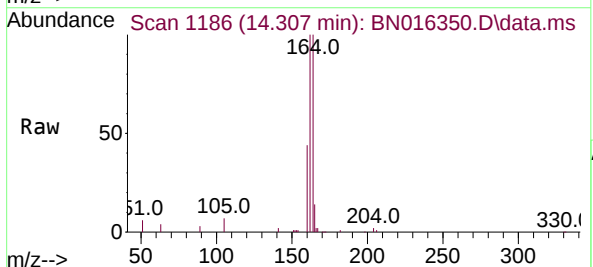
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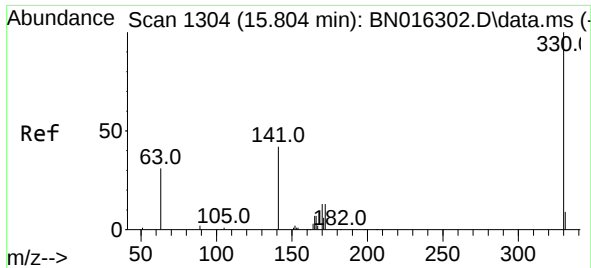
Tgt Ion:142 Resp: 10792
Ion Ratio Lower Upper
142 100
141 90.0 69.8 104.8
115 37.2 24.4 36.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

Tgt Ion:164 Resp: 67680
Ion Ratio Lower Upper
164 100
162 100.4 79.0 118.4
160 44.4 34.1 51.1

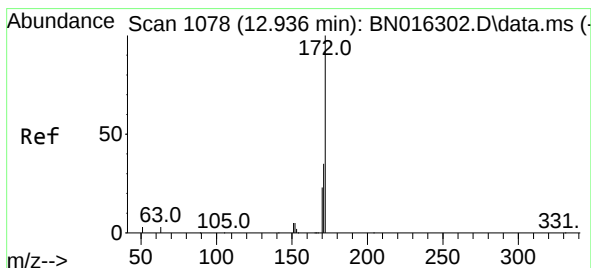
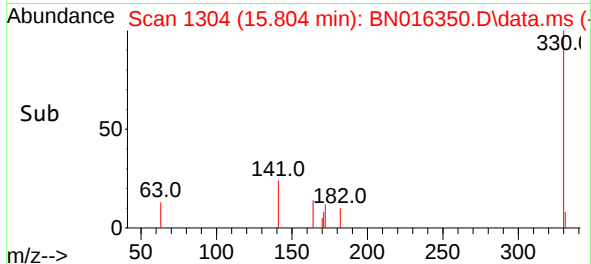
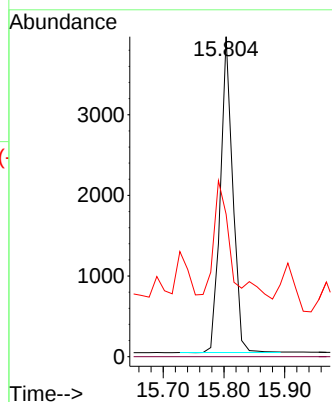
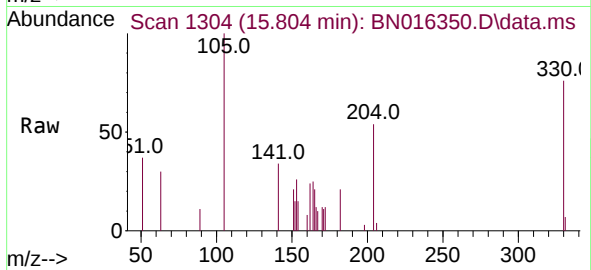




#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

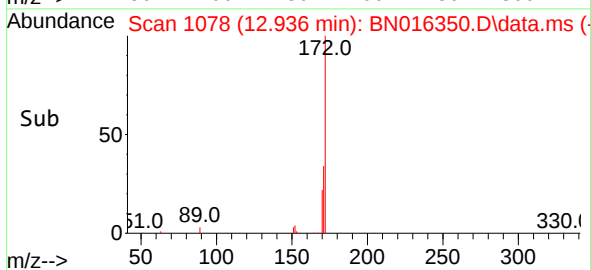
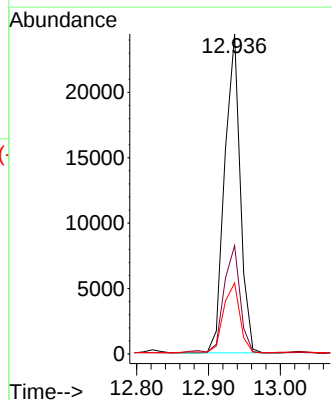
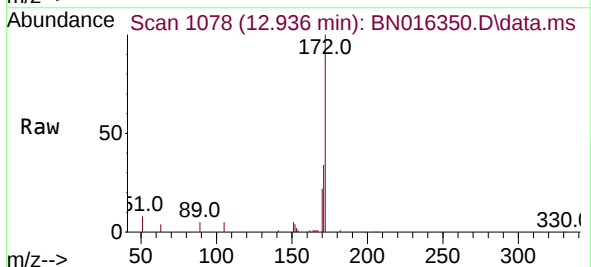
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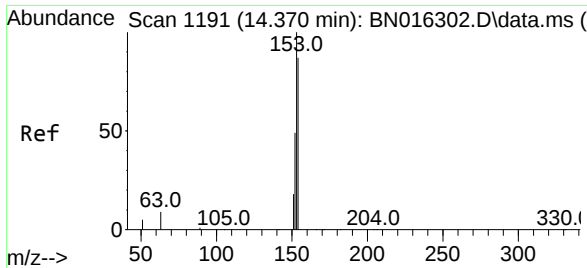
Tgt Ion:330 Resp: 5546
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.5 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.138 ng
RT: 12.936 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

Tgt Ion:172 Resp: 36618
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.6
170 22.2 18.2 27.2

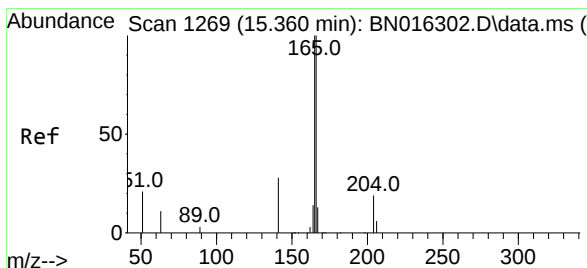
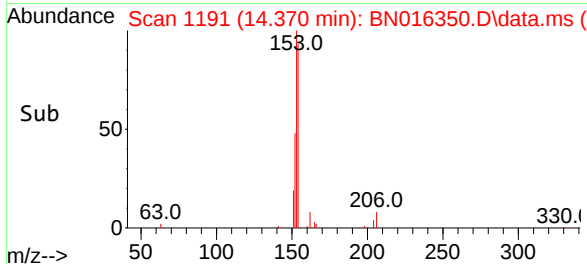
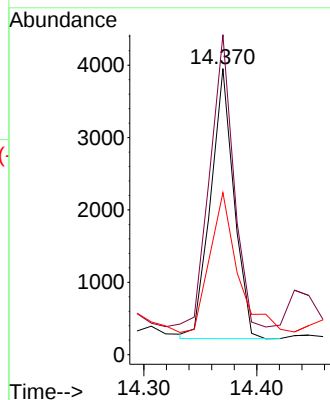
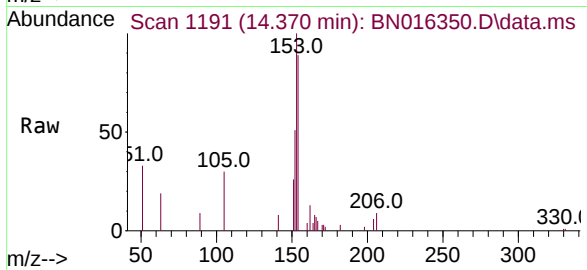




#17
Acenaphthene
Concen: 0.027 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

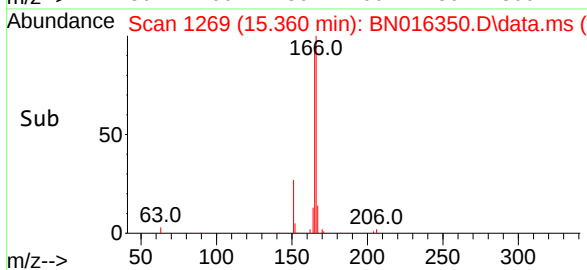
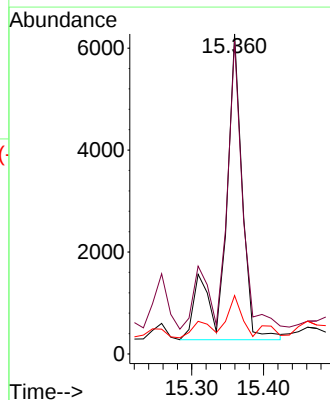
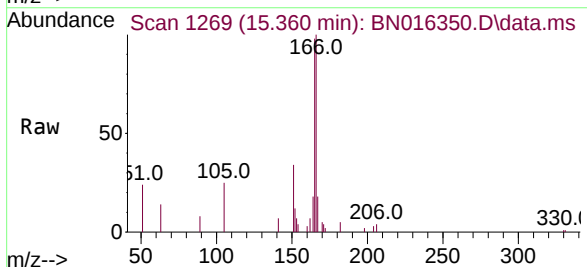
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SW-CB-04-(1.5)

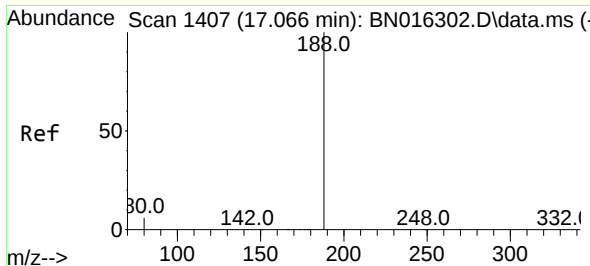
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Ion Ratio Lower Upper
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153 112.0 89.3 133.9
152 62.3 42.2 63.4



#18
Fluorene
Concen: 0.042 ng
RT: 15.360 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

Tgt Ion:166 Resp: 10276
Ion Ratio Lower Upper
166 100
165 95.8 76.7 115.1
167 10.4 10.9 16.3#

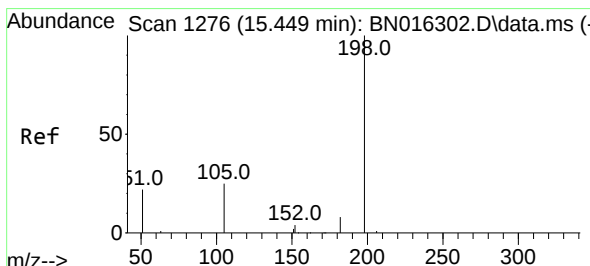
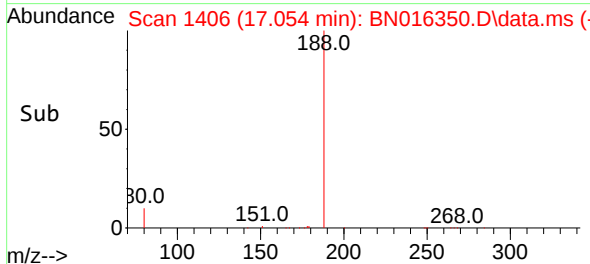
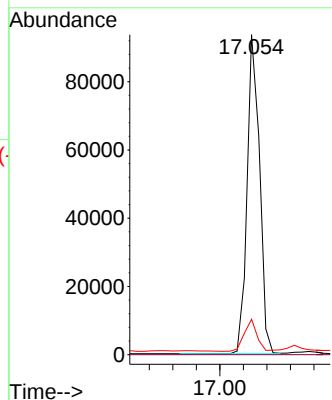
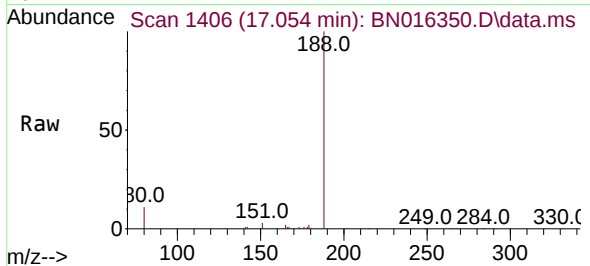




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

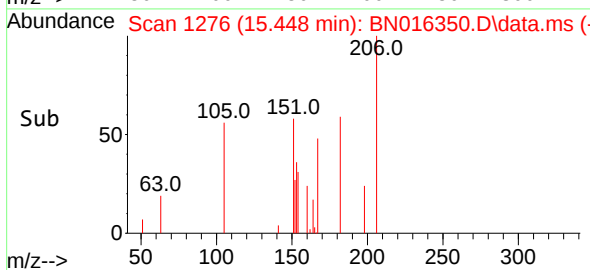
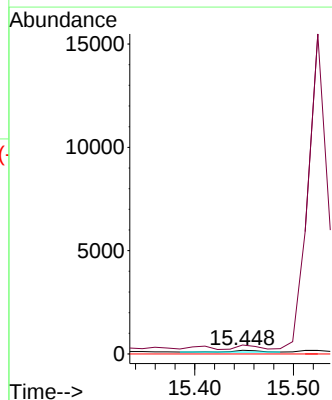
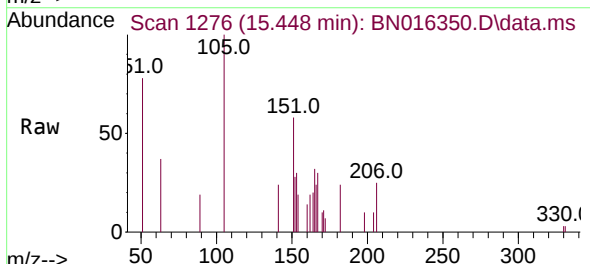
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

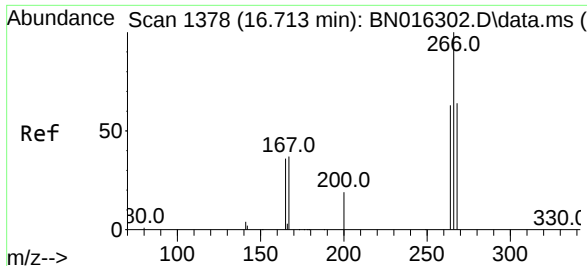
Tgt Ion:188 Resp: 137457
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 7.0 10.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.168 ng
RT: 15.448 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

Tgt Ion:198 Resp: 151
Ion Ratio Lower Upper
198 100
182 244.1 26.6 39.8#
77 0.0 0.0 0.0

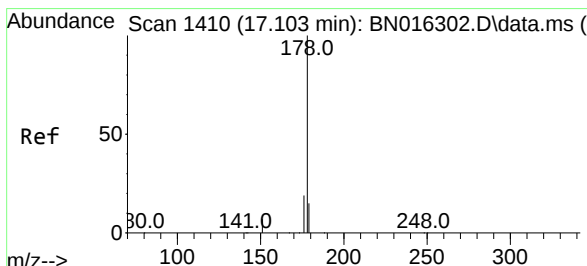
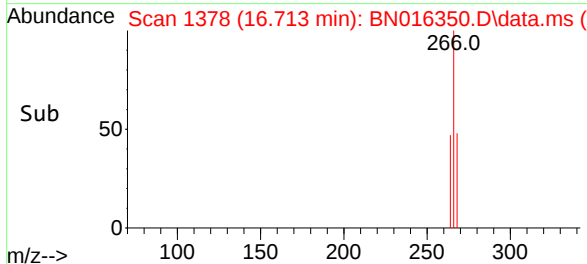
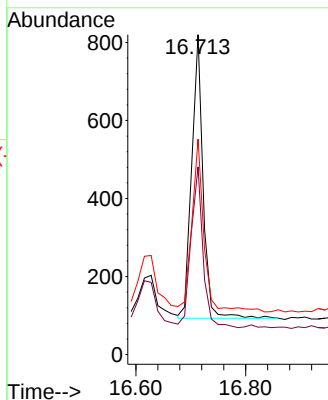
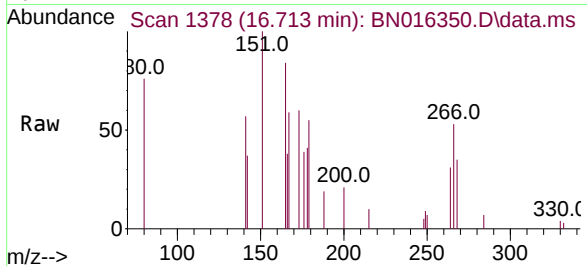




#24
Pentachlorophenol
Concen: 0.041 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

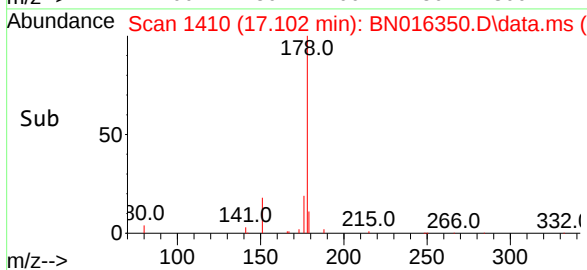
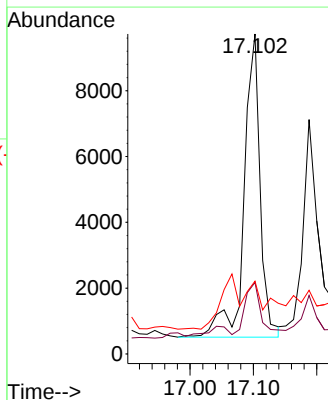
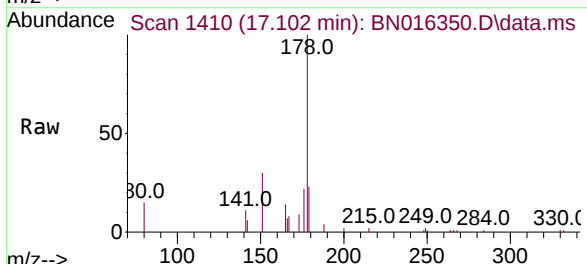
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

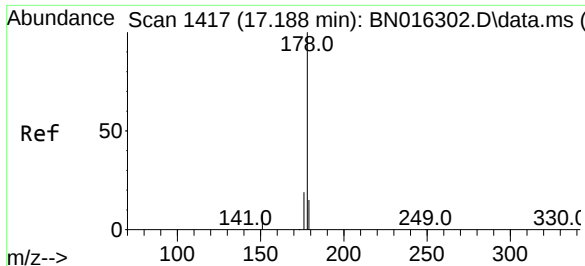
Tgt Ion:	266	Resp:	1047
Ion Ratio	Lower	Upper	
266	100		
264	59.2	50.6	75.8
268	64.3	52.6	79.0



#25
Phenanthrene
Concen: 0.042 ng
RT: 17.102 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

Tgt Ion:	178	Resp:	16319
Ion Ratio	Lower	Upper	
178	100		
176	18.2	14.4	21.6
179	0.0	12.2	18.4#

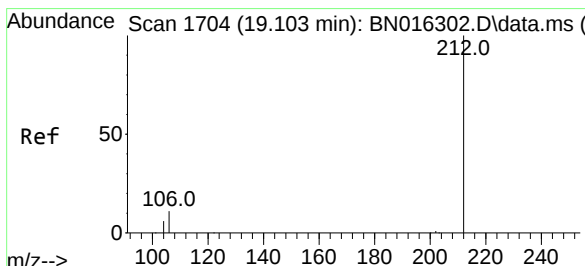
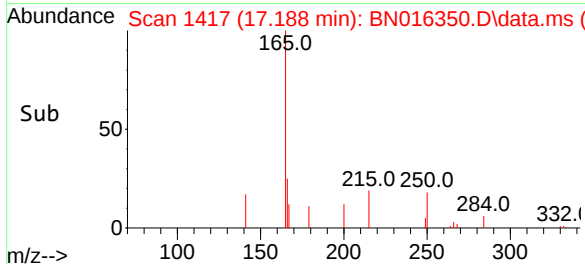
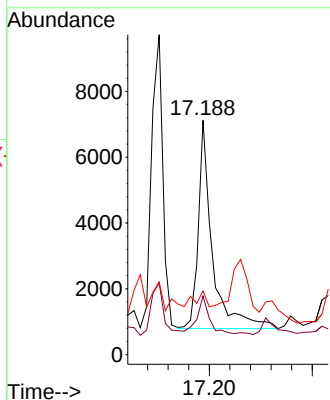
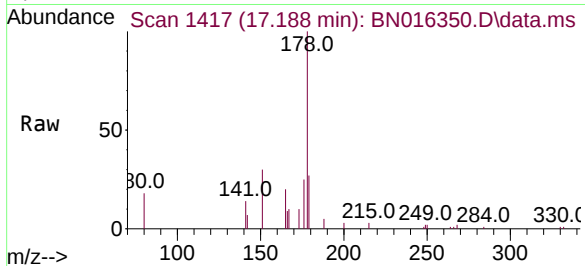




#26
 Anthracene
 Concen: 0.032 ng
 RT: 17.188 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: BN016350.D
 Acq: 20 Sep 2021 18:46

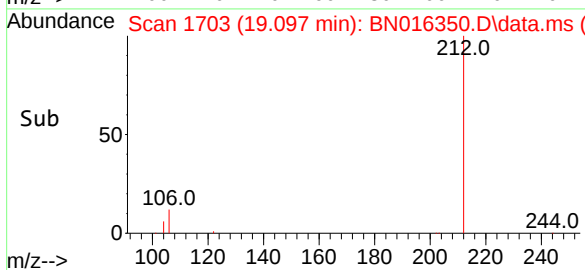
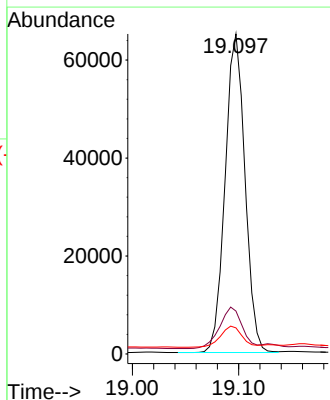
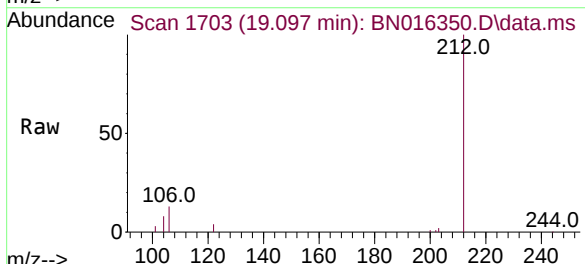
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.5)

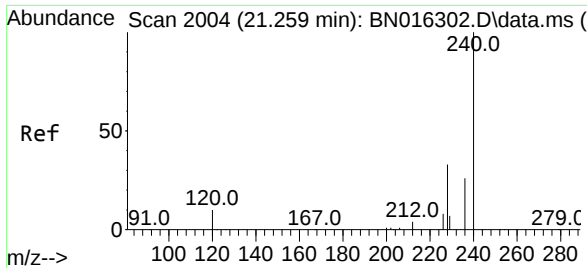
Tgt Ion:178	Resp:	11992
Ion Ratio	Lower	Upper
178	100	
176	17.0	13.9 20.9
179	6.1	12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.212 ng
 RT: 19.097 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: BN016350.D
 Acq: 20 Sep 2021 18:46

Tgt Ion:212	Resp:	84368
Ion Ratio	Lower	Upper
212	100	
106	15.1	9.8 14.6#
104	7.2	5.4 8.2

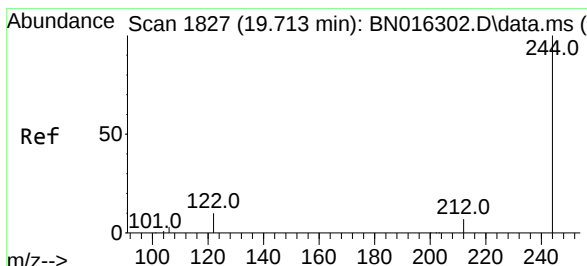
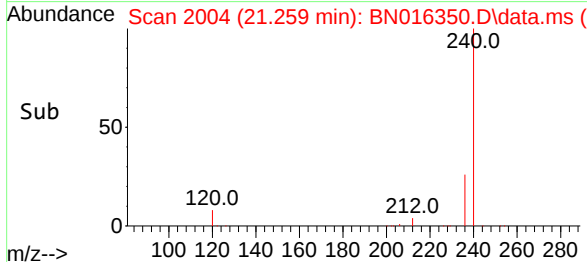
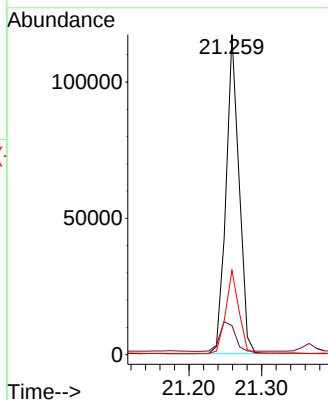
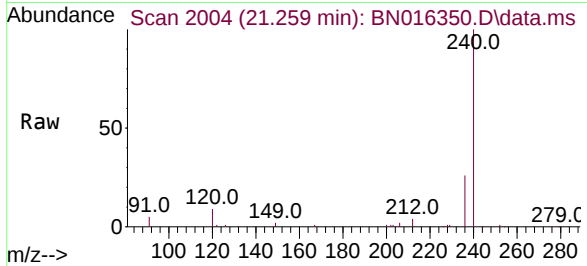




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

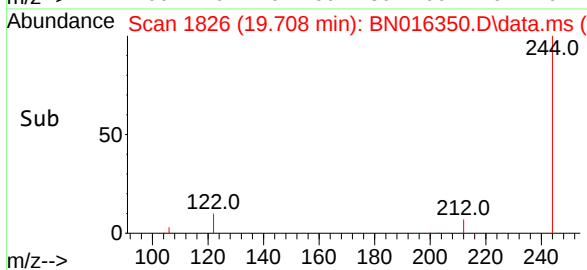
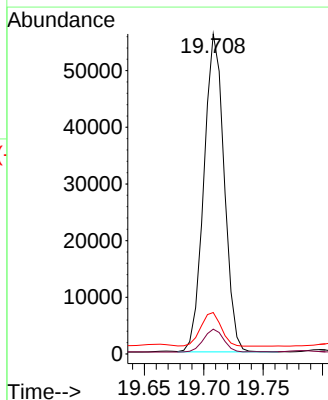
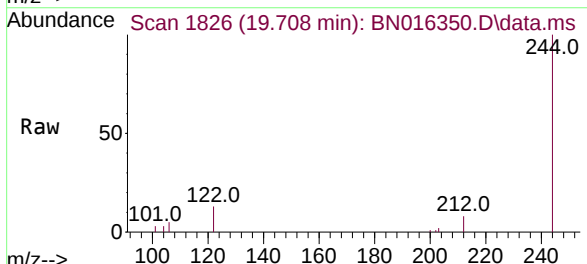
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

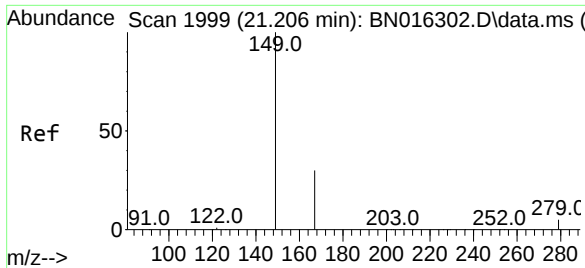
Tgt Ion:240 Resp: 146006
Ion Ratio Lower Upper
240 100
120 9.1 5.3 7.9#
236 26.3 19.8 29.8



#31
Terphenyl-d14
Concen: 0.197 ng
RT: 19.708 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BN016350.D
Acq: 20 Sep 2021 18:46

Tgt Ion:244 Resp: 66686
Ion Ratio Lower Upper
244 100
212 7.7 5.5 8.3
122 12.9 9.0 13.4

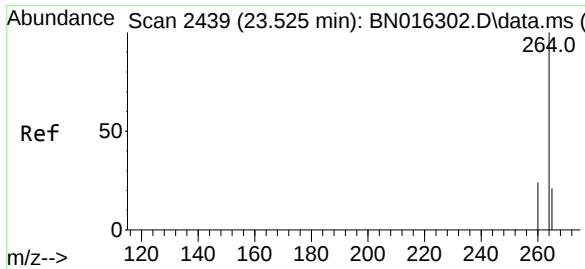
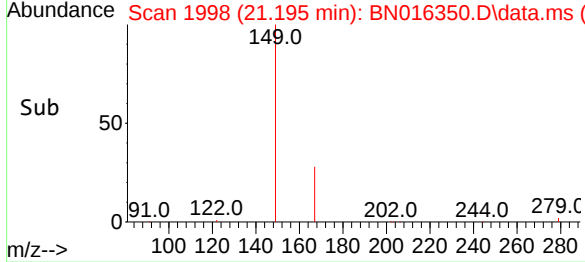
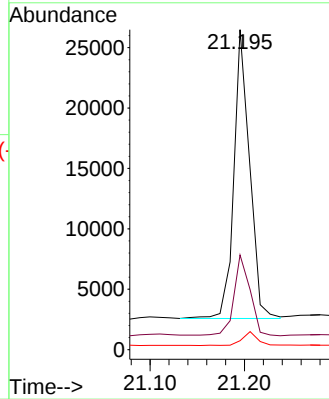
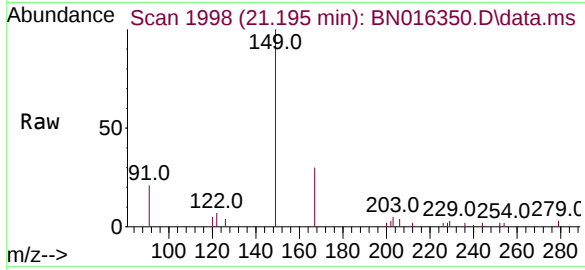




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.109 ng
 RT: 21.195 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN016350.D
 Acq: 20 Sep 2021 18:46

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.5)

Tgt Ion:149	Resp:	27613
Ion Ratio	Lower	Upper
149	100	
167	28.8	23.4 35.0
279	4.7	3.9 5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 2438
 Delta R.T. -0.003 min
 Lab File: BN016350.D
 Acq: 20 Sep 2021 18:46

Tgt Ion:264	Resp:	147961
Ion Ratio	Lower	Upper
264	100	
260	24.7	18.9 28.3
265	27.5	23.7 35.5

