

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
 Data File : BN016351.D
 Acq On : 20 Sep 2021 19:22
 Operator : CG/JU
 Sample : M3817-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

Quant Time: Sep 21 01:34:08 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)

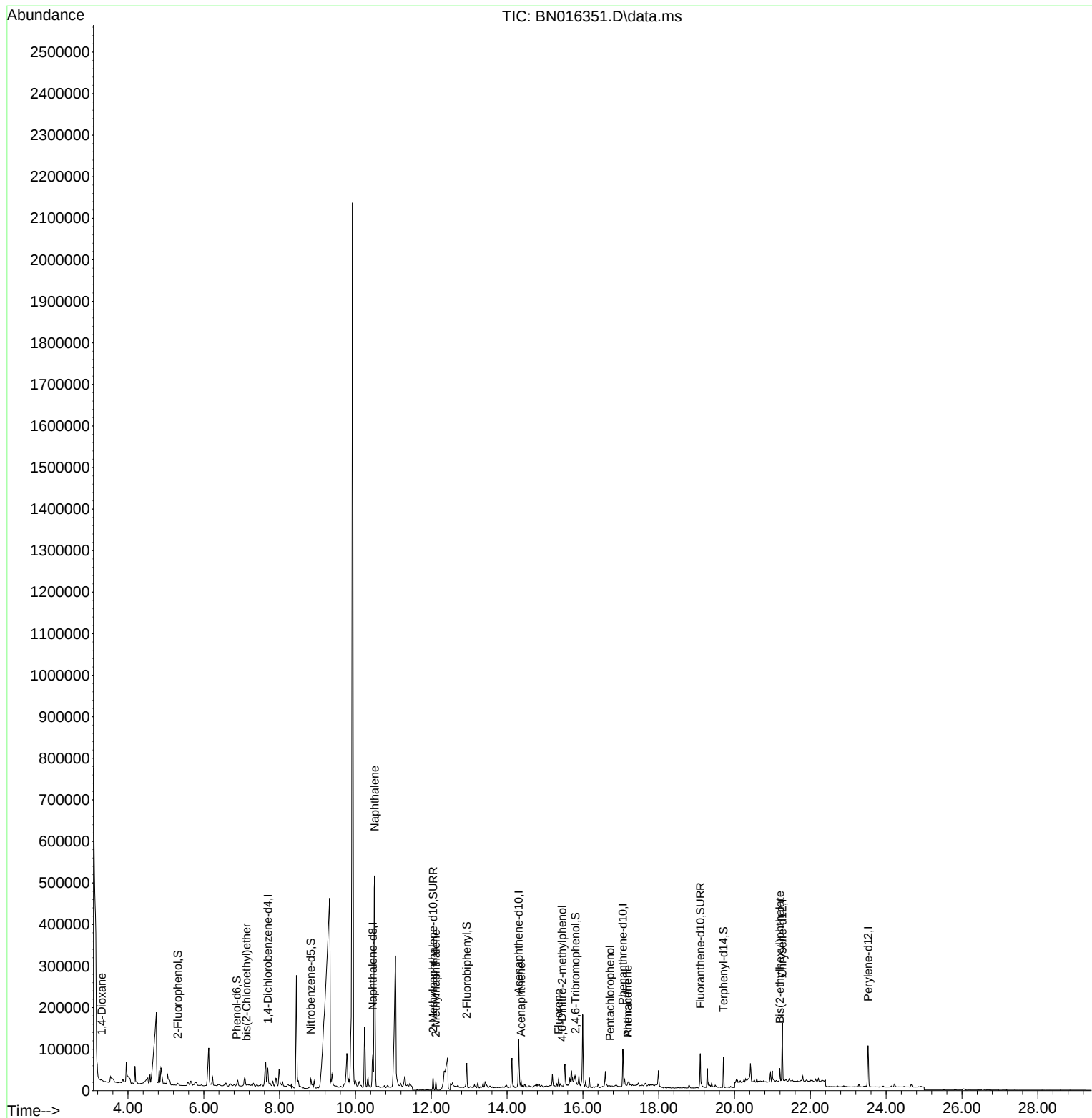
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	24121	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	104637	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	59666	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	114735	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	123460	0.400	ng	# 0.00
35) Perylene-d12	23.522	264	126790	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	6277	0.104	ng	0.00
5) Phenol-d6	6.868	99	4331	0.059	ng	0.00
8) Nitrobenzene-d5	8.822	82	17402	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.047	152	39808	0.241	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6370	0.364	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	52584	0.225	ng	0.00
27) Fluoranthene-d10	19.098	212	92017	0.277	ng	0.00
31) Terphenyl-d14	19.708	244	71187	0.249	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.309	88	203	0.020	ng	# 1
6) bis(2-Chloroethyl)ether	7.126	93	5584	0.085	ng	# 19
9) Naphthalene	10.508	128	733227	2.601	ng	100
12) 2-Methylnaphthalene	12.118	142	14609	0.078	ng	96
17) Acenaphthene	14.370	154	7193	0.042	ng	94
18) Fluorene	15.360	166	12895	0.060	ng	97
20) 4,6-Dinitro-2-methylph...	15.449	198	155	0.173	ng	# 1
24) Pentachlorophenol	16.713	266	1035	0.048	ng	98
25) Phenanthrene	17.188	178	13283	0.041	ng	97
26) Anthracene	17.188	178	13283	0.042	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.195	149	26664	0.125	ng	100

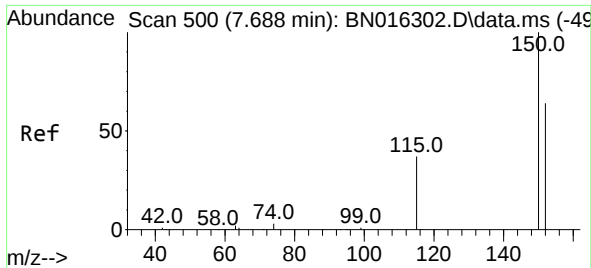
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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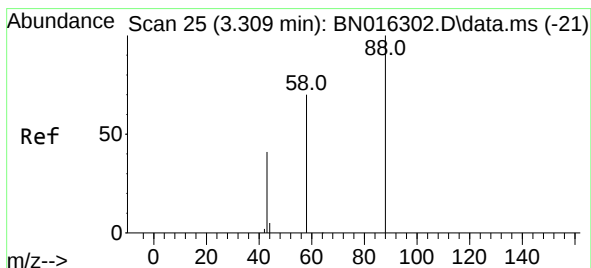
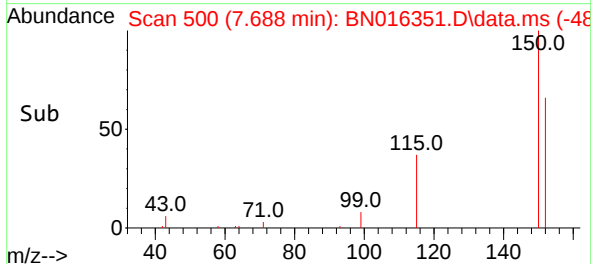
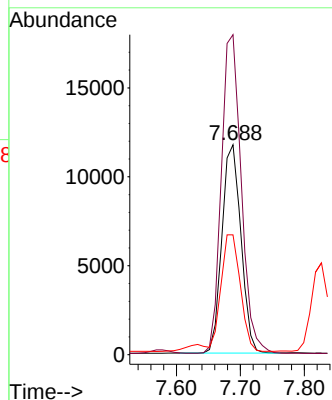
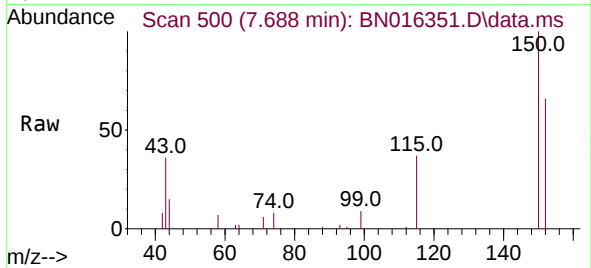




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. 0.000 min
 Lab File: BN016351.D
 Acq: 20 Sep 2021 19:22

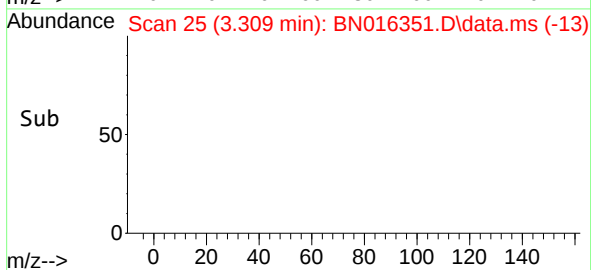
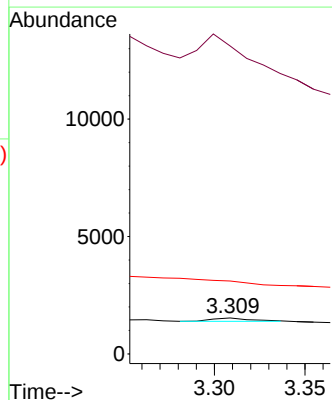
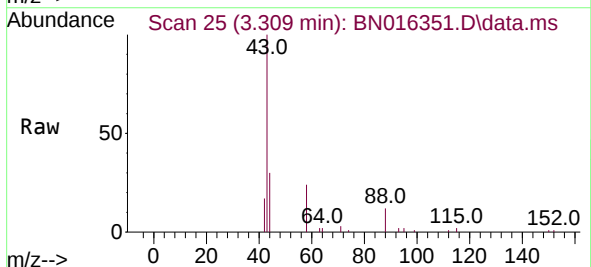
Instrument :
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 SW-RR-02-(1.0)

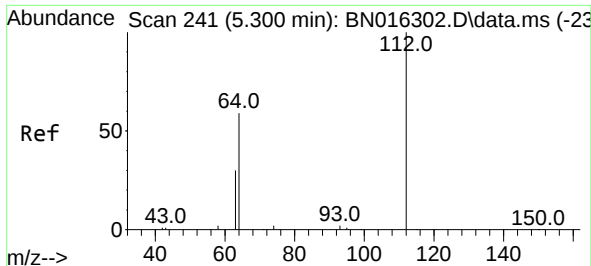
Tgt Ion:152 Resp: 24121
 Ion Ratio Lower Upper
 152 100
 150 152.5 125.6 188.4
 115 57.1 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.020 ng
 RT: 3.309 min Scan# 25
 Delta R.T. 0.010 min
 Lab File: BN016351.D
 Acq: 20 Sep 2021 19:22

Tgt Ion: 88 Resp: 203
 Ion Ratio Lower Upper
 88 100
 43 1324.1 20.3 30.5#
 58 0.0 69.9 104.9#

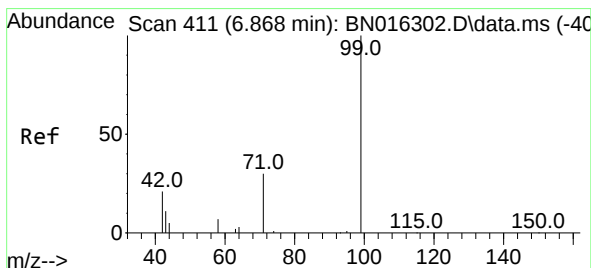
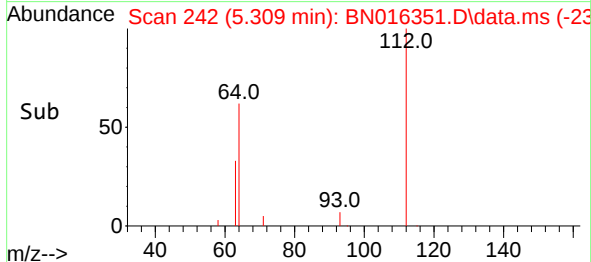
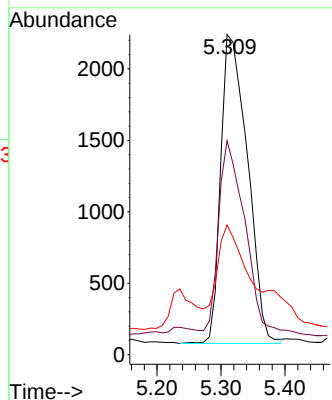
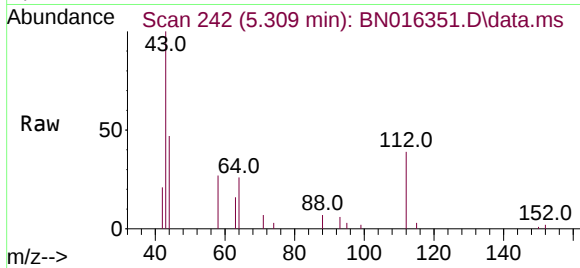




#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

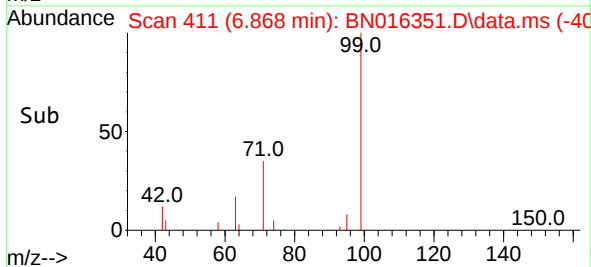
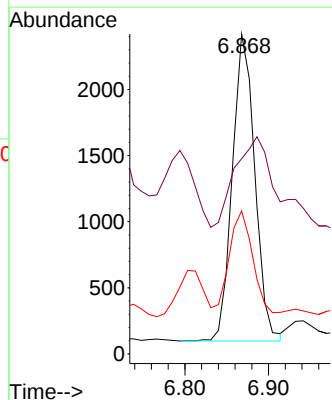
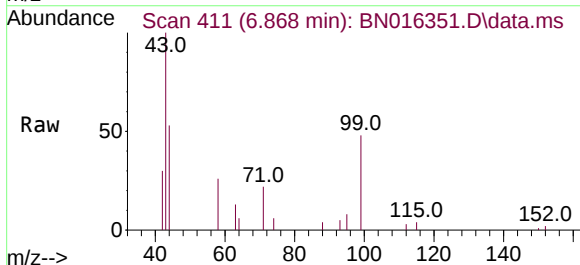
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

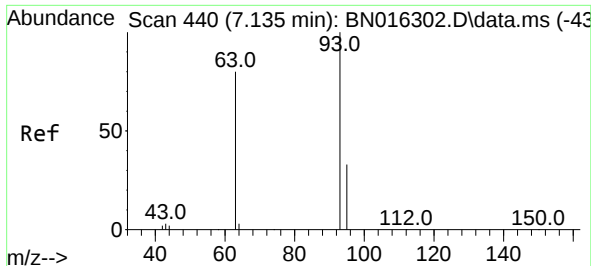
Tgt Ion:112 Resp: 6277
Ion Ratio Lower Upper
112 100
64 60.4 47.3 70.9
63 37.4 23.4 35.0#



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

Tgt Ion: 99 Resp: 4331
Ion Ratio Lower Upper
99 100
42 48.5 14.0 21.0#
71 33.5 23.8 35.6

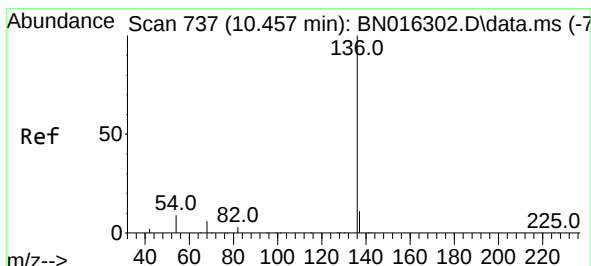
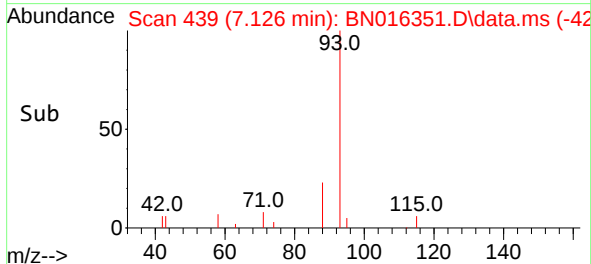
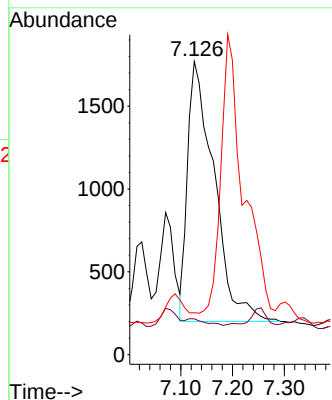
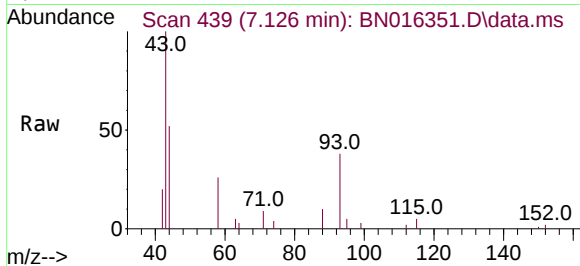




#6
bis(2-Chloroethyl)ether
Concen: 0.085 ng
RT: 7.126 min Scan# 439
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

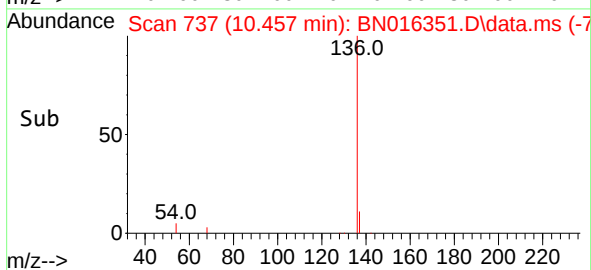
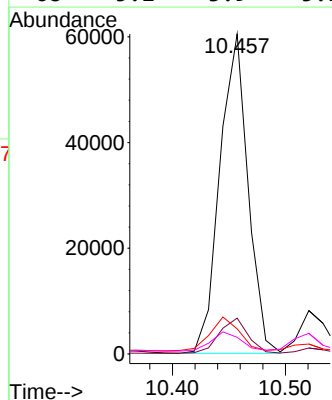
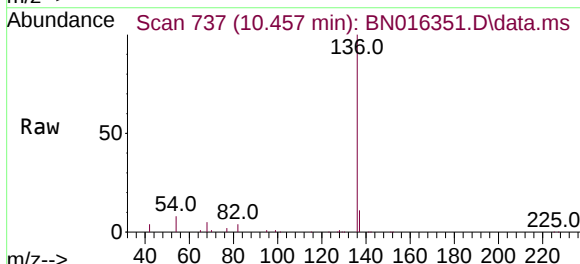
Instrument :
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ClientSampleId :
SW-RR-02-(1.0)

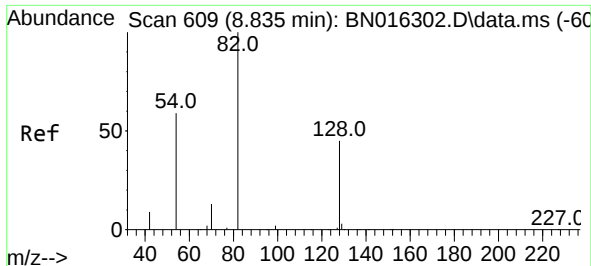
Tgt Ion: 93 Resp: 5584
Ion Ratio Lower Upper
93 100
63 0.0 63.4 95.0#
95 0.0 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

Tgt Ion: 136 Resp: 104637
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.9 5.3 7.9
68 5.2 3.9 5.9

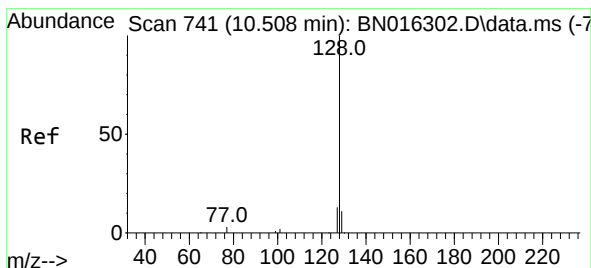
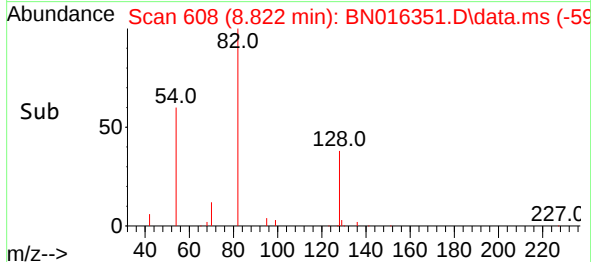
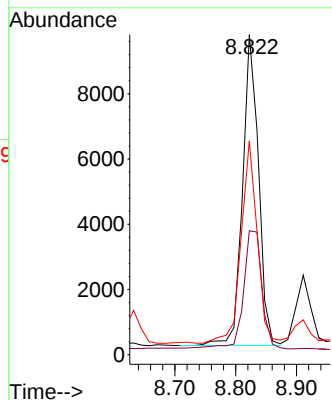
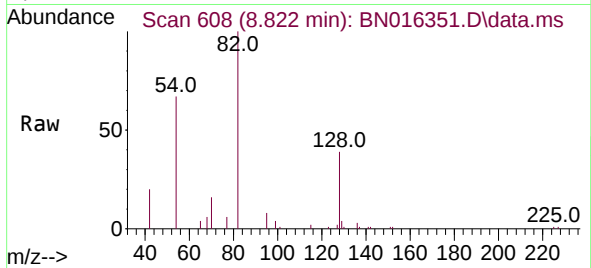




#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.822 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

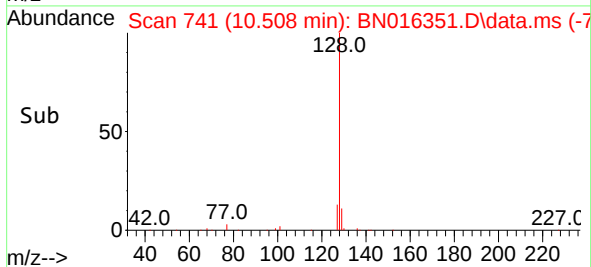
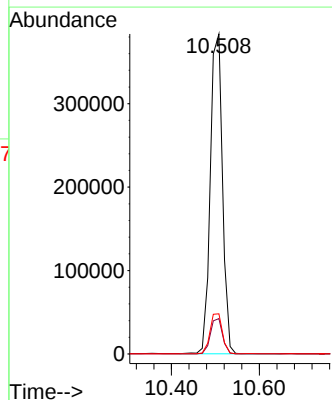
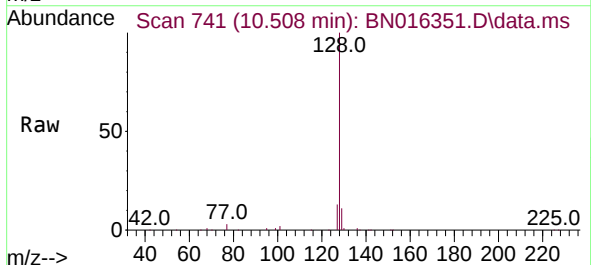
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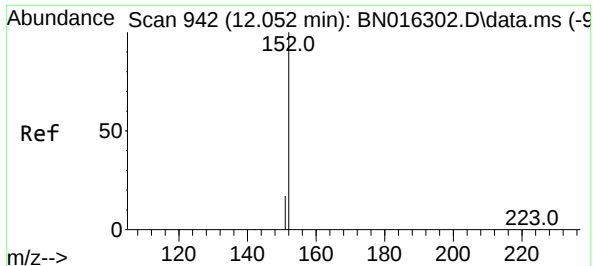
Tgt Ion: 82 Resp: 17402
Ion Ratio Lower Upper
82 100
128 38.7 31.7 47.5
54 66.8 46.4 69.6



#9
Naphthalene
Concen: 2.601 ng
RT: 10.508 min Scan# 741
Delta R.T. 0.013 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

Tgt Ion: 128 Resp: 733227
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.5 10.1 15.1

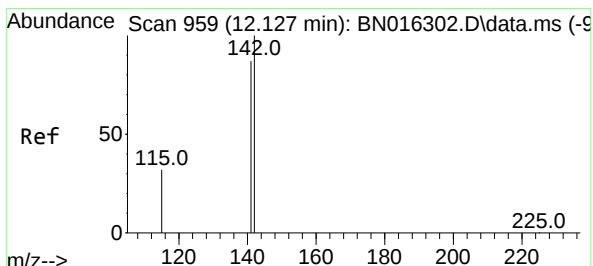
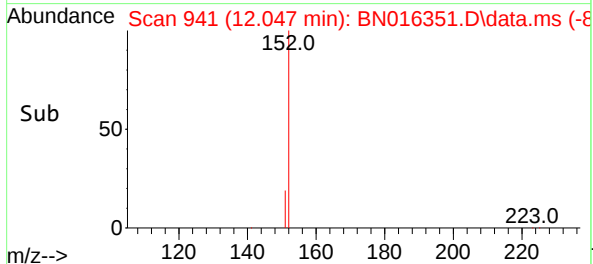
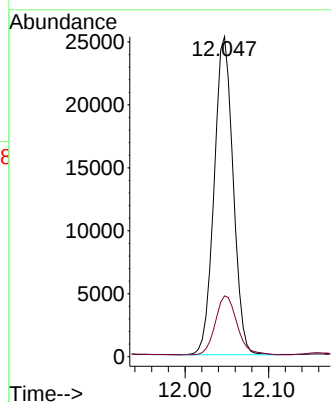
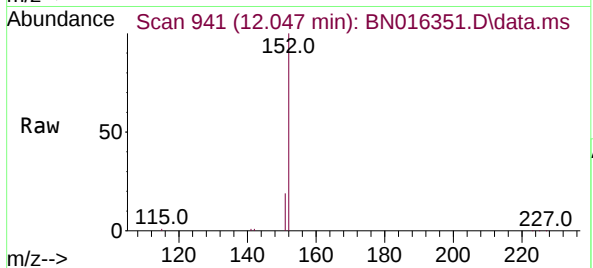




#11
2-Methylnaphthalene-d10
Concen: 0.241 ng
RT: 12.047 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

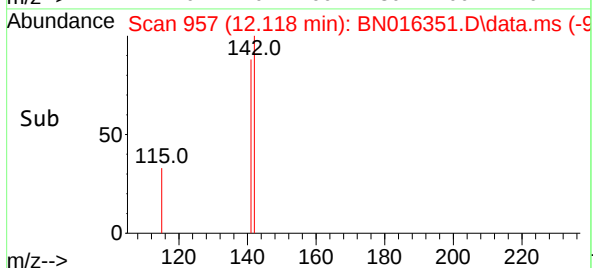
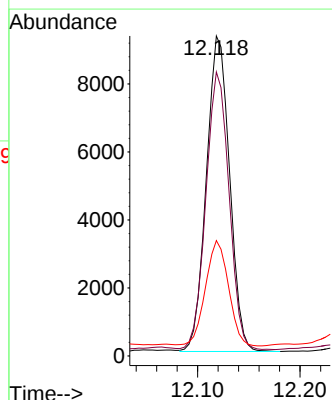
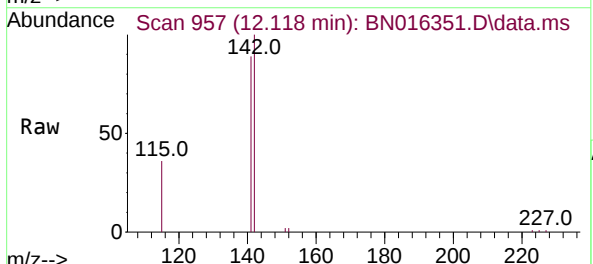
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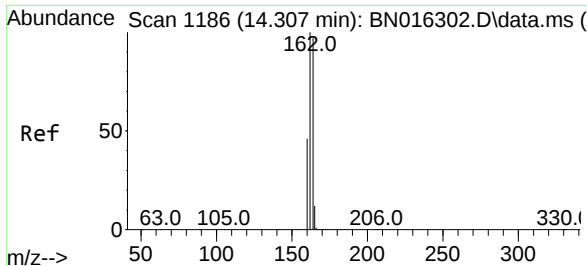
Tgt Ion:152 Resp: 39808
Ion Ratio Lower Upper
152 100
151 21.2 16.1 24.1



#12
2-Methylnaphthalene
Concen: 0.078 ng
RT: 12.118 min Scan# 957
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

Tgt Ion:142 Resp: 14609
Ion Ratio Lower Upper
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141 88.8 69.8 104.8
115 36.1 24.4 36.6

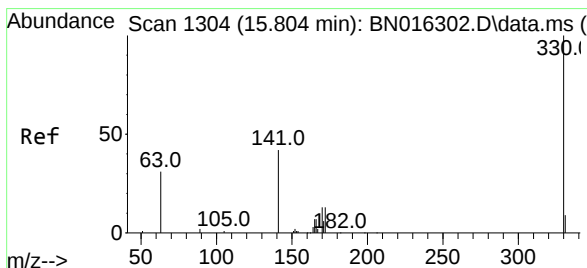
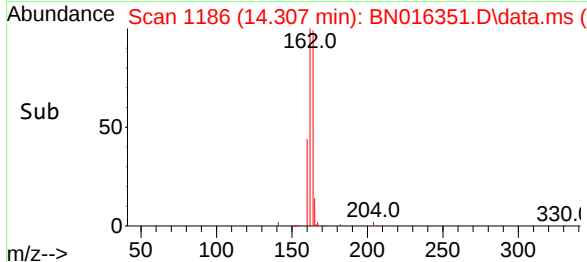
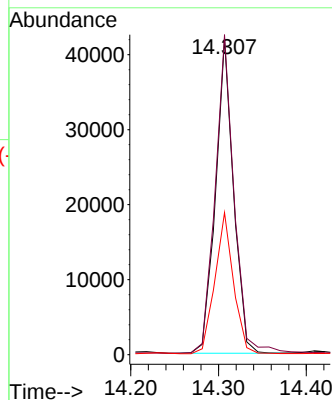
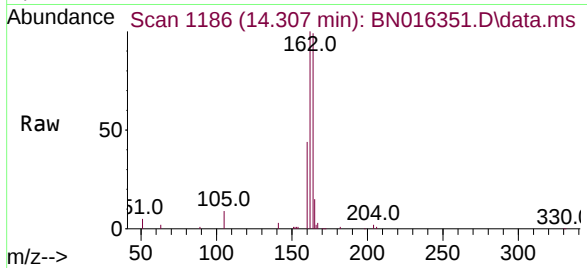




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

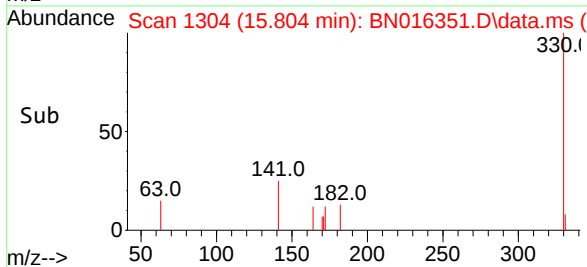
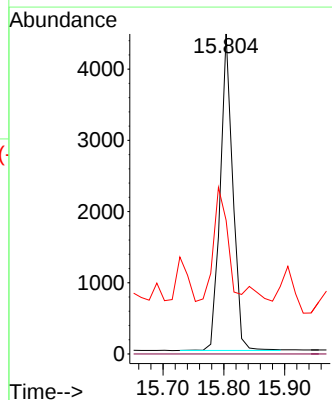
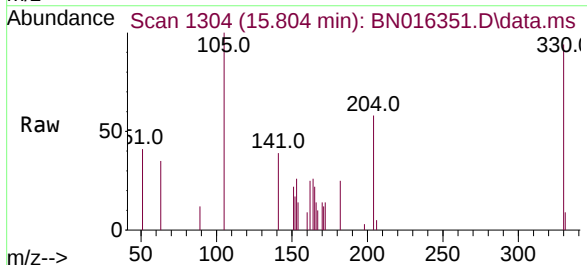
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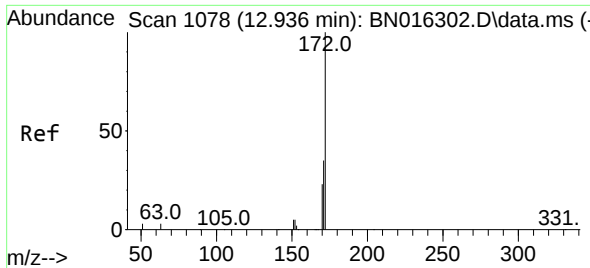
Tgt Ion:164 Resp: 59666
Ion Ratio Lower Upper
164 100
162 101.2 79.0 118.4
160 45.0 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

Tgt Ion:330 Resp: 6370
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.6 25.0 37.4#

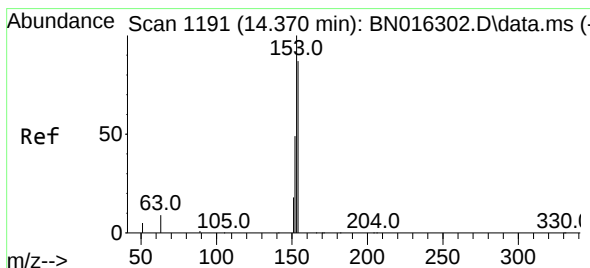
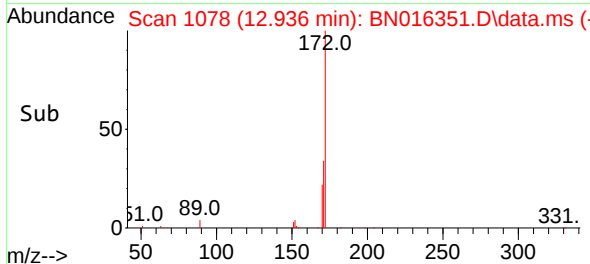
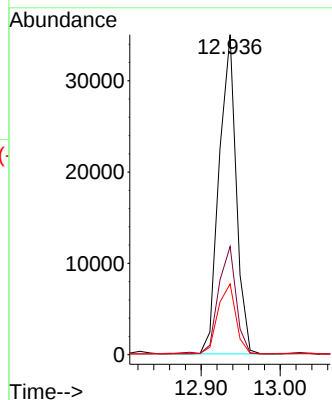
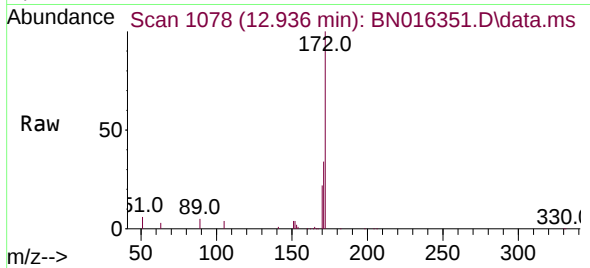




#15
2-Fluorobiphenyl
Concen: 0.225 ng
RT: 12.936 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

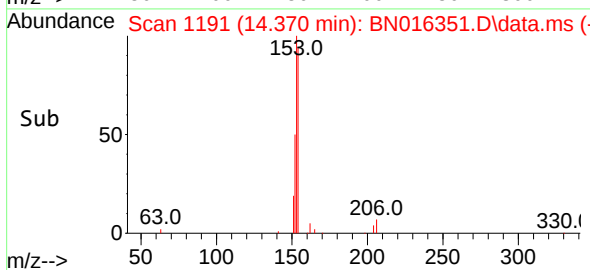
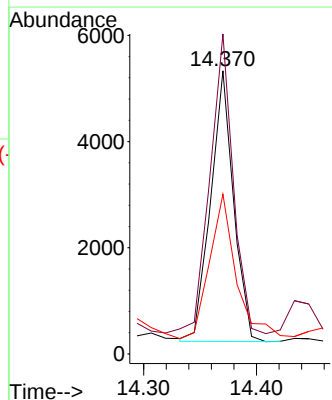
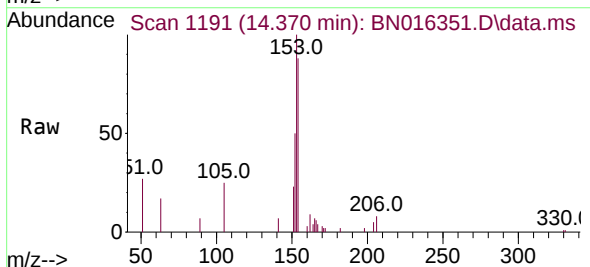
Instrument :
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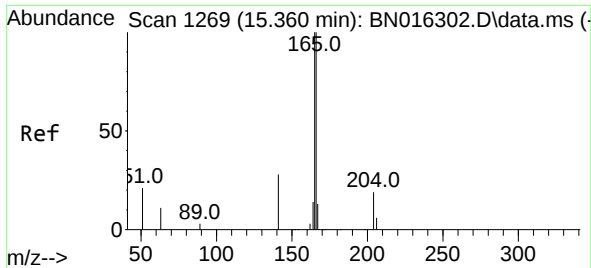
Tgt Ion:172 Resp: 52584
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.6
170 22.1 18.2 27.2



#17
Acenaphthene
Concen: 0.042 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

Tgt Ion:154 Resp: 7193
Ion Ratio Lower Upper
154 100
153 113.7 89.3 133.9
152 62.5 42.2 63.4

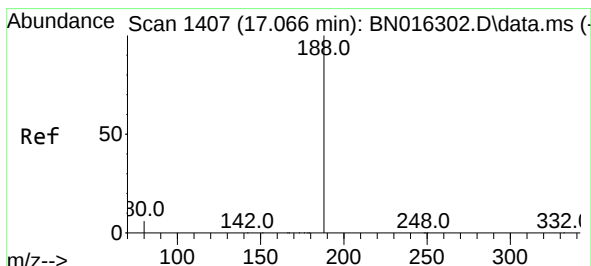
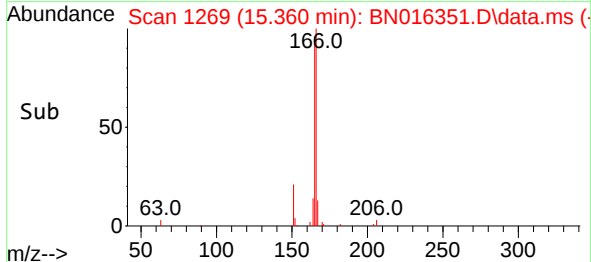
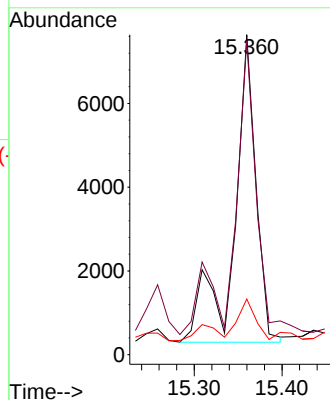
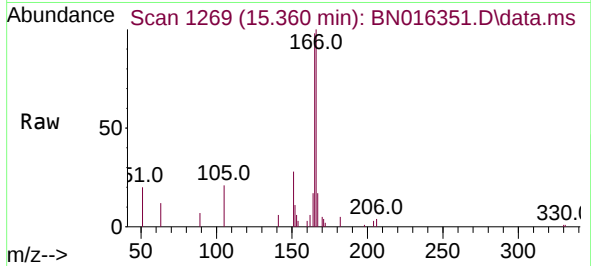




#18
Fluorene
Concen: 0.060 ng
RT: 15.360 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

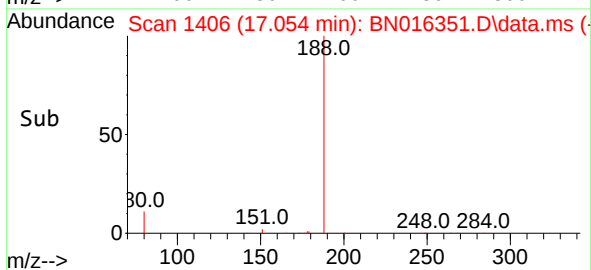
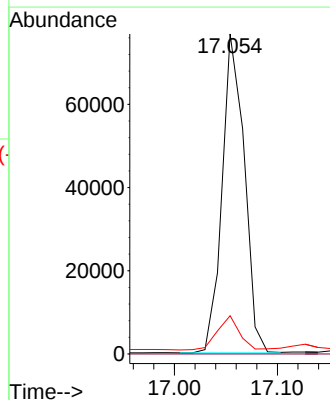
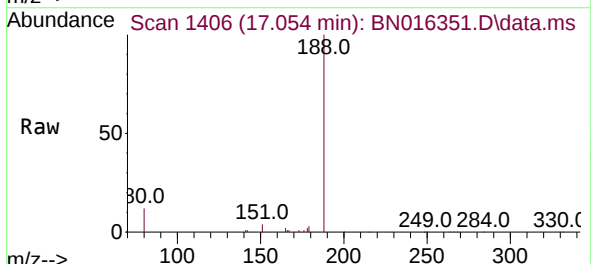
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

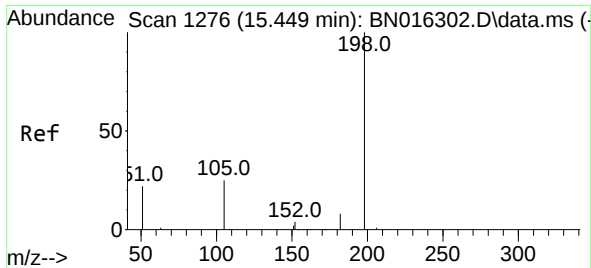
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	76.7	115.1
167	12.1	10.9	16.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	7.0	10.6

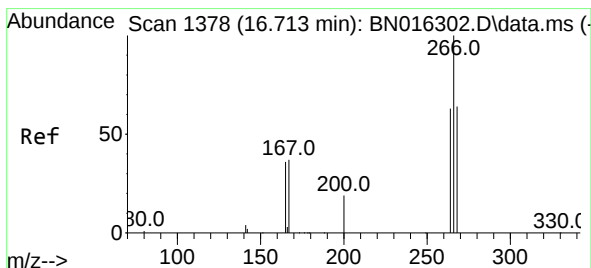
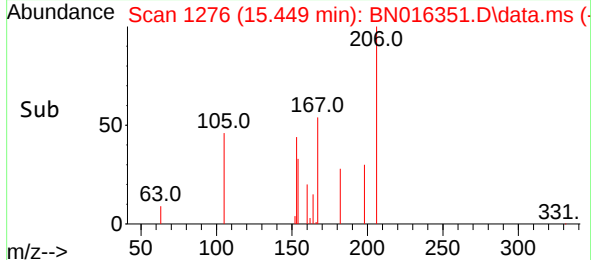
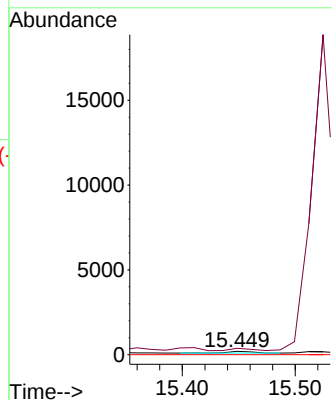
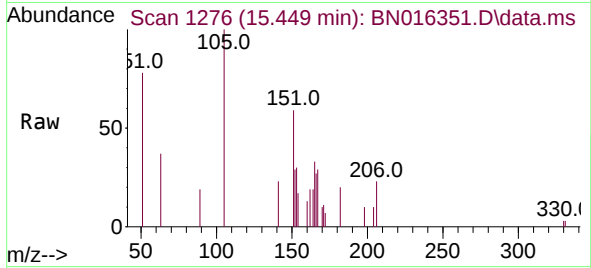




#20
4,6-Dinitro-2-methylphenol
Concen: 0.173 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

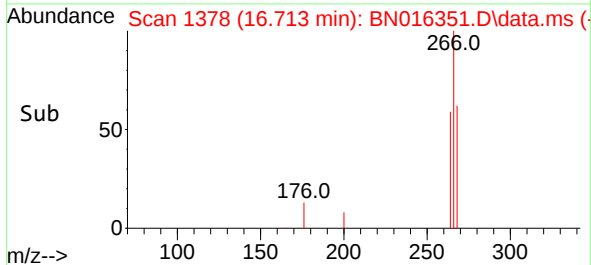
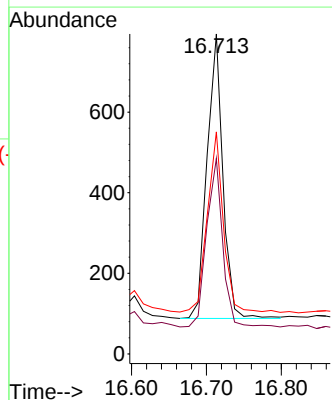
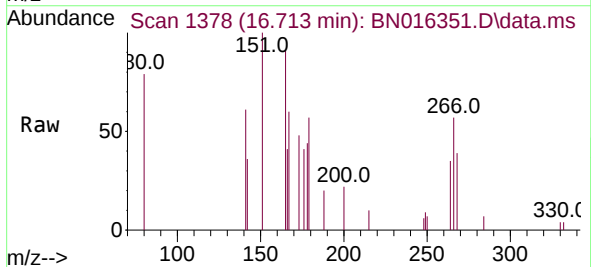
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

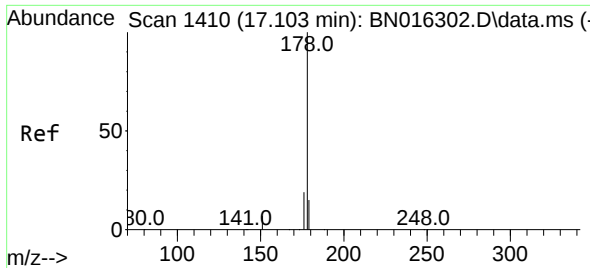
Tgt Ion:198 Resp: 155
Ion Ratio Lower Upper
198 100
182 196.4 26.6 39.8#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.048 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

Tgt Ion:266 Resp: 1035
Ion Ratio Lower Upper
266 100
264 61.2 50.6 75.8
268 65.4 52.6 79.0

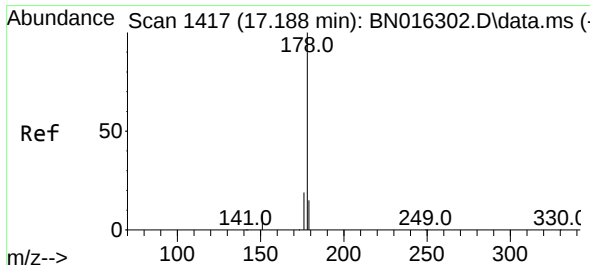
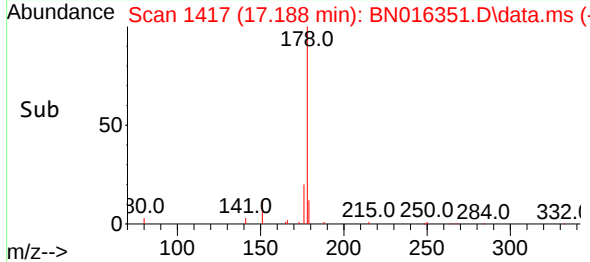
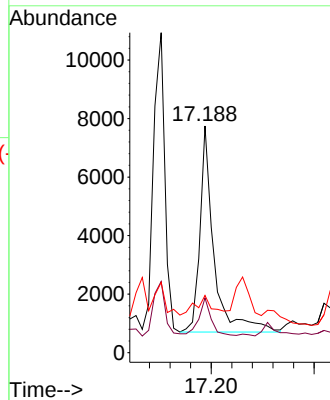
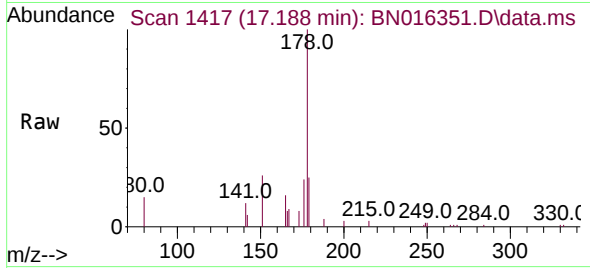




#25
Phenanthrene
Concen: 0.041 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.085 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

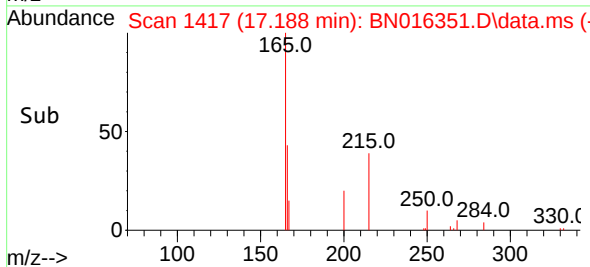
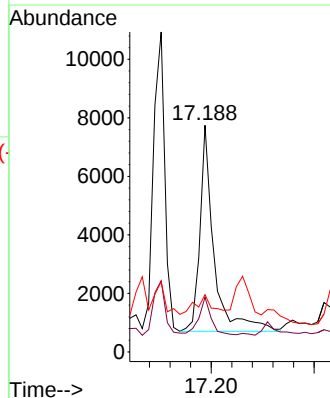
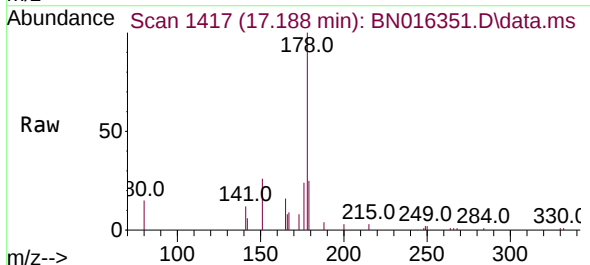
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

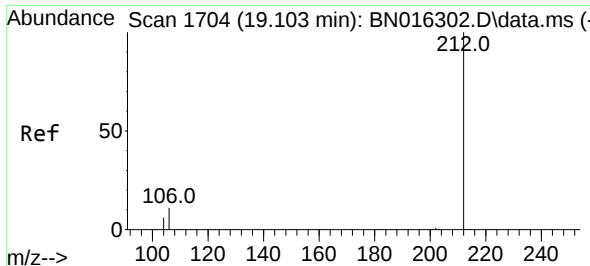
Tgt Ion:	178	Resp:	13283
Ion	Ratio	Lower	Upper
178	100		
176	16.8	14.4	21.6
179	16.4	12.2	18.4



#26
Anthracene
Concen: 0.042 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

Tgt Ion:	178	Resp:	13283
Ion	Ratio	Lower	Upper
178	100		
176	15.6	13.9	20.9
179	11.4	12.2	18.4#

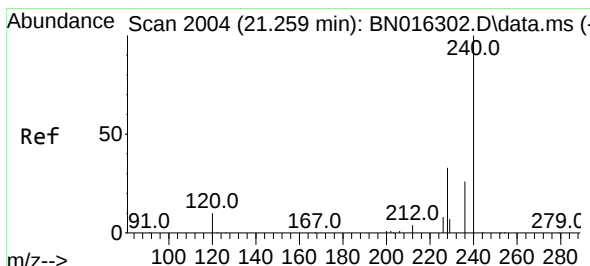
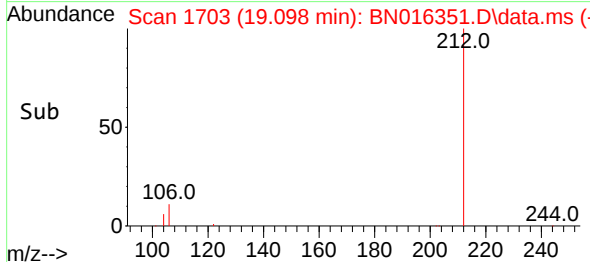
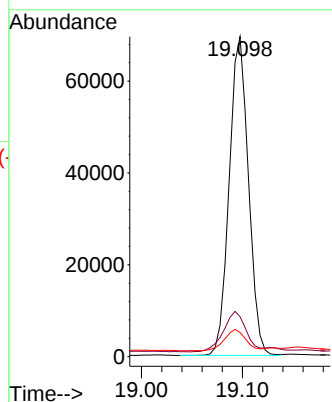
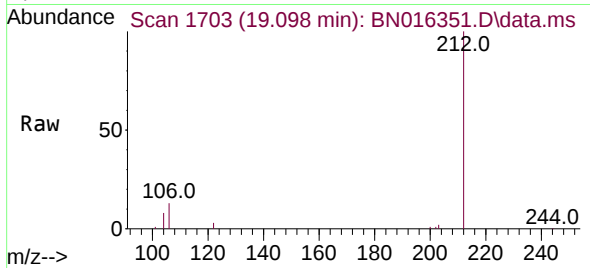




#27
Fluoranthene-d10
Concen: 0.277 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

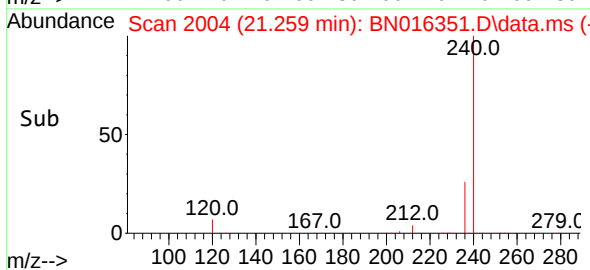
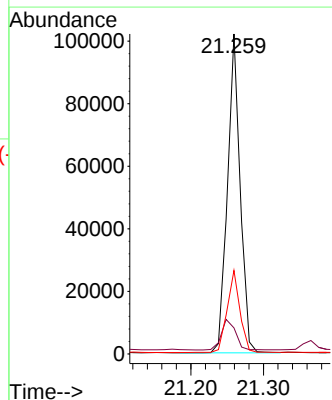
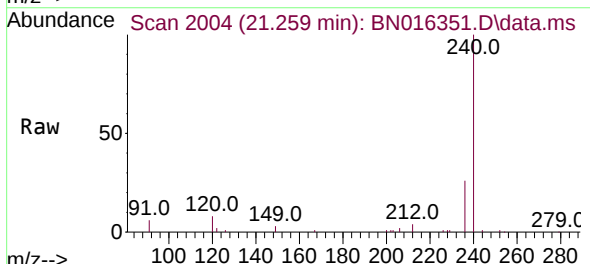
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

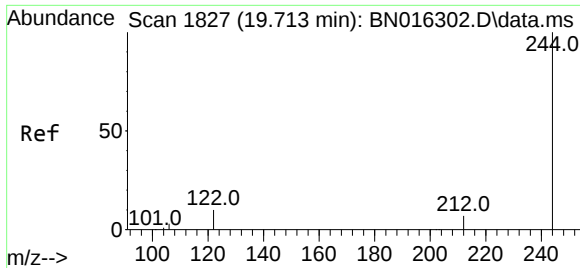
Tgt Ion:212 Resp: 92017
Ion Ratio Lower Upper
212 100
106 16.1 9.8 14.6#
104 7.4 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016351.D
Acq: 20 Sep 2021 19:22

Tgt Ion:240 Resp: 123460
Ion Ratio Lower Upper
240 100
120 8.2 5.3 7.9#
236 26.1 19.8 29.8

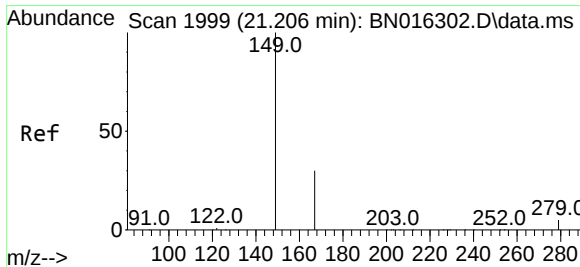
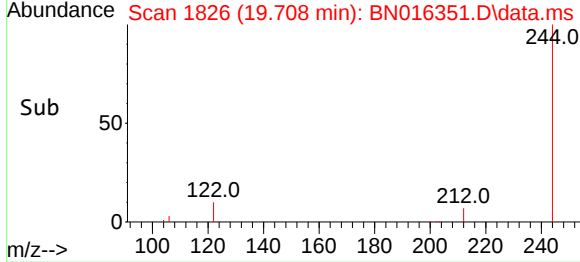
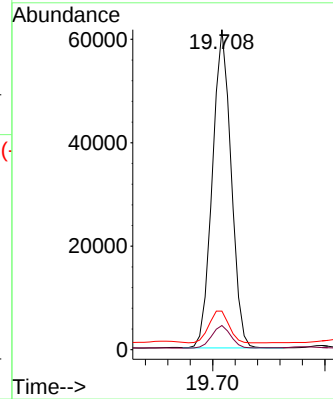
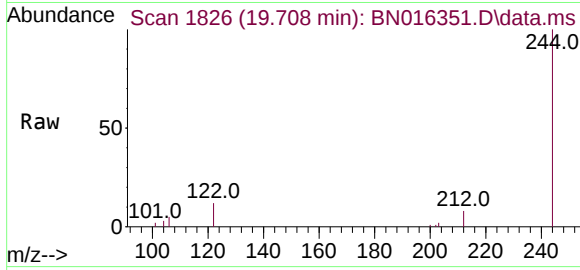




#31
 Terphenyl-d14
 Concen: 0.249 ng
 RT: 19.708 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: BN016351.D
 Acq: 20 Sep 2021 19:22

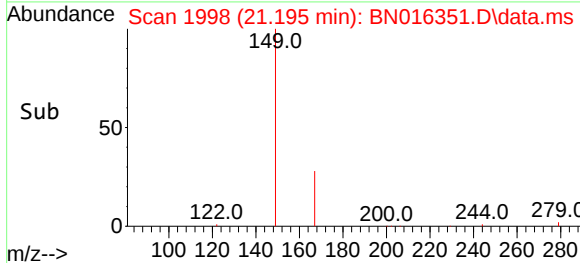
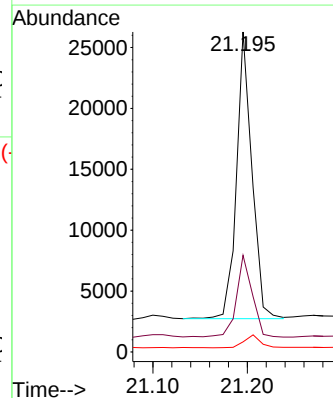
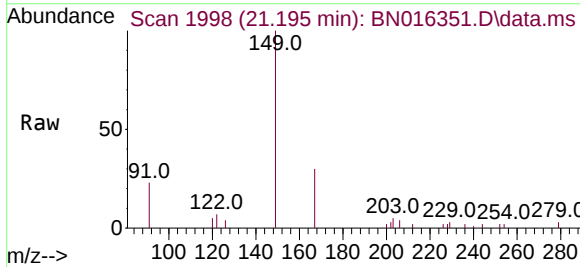
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

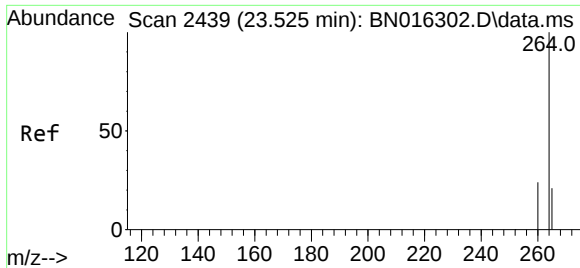
Tgt Ion:244	Resp:	71187
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.5 8.3
122	12.1	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.125 ng
 RT: 21.195 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN016351.D
 Acq: 20 Sep 2021 19:22

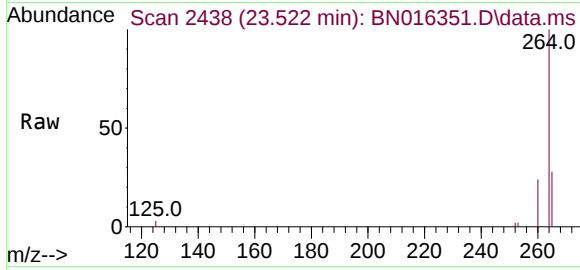
Tgt Ion:149	Resp:	26664
Ion Ratio	Lower	Upper
149	100	
167	29.0	23.4 35.0
279	4.8	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 2438
 Delta R.T. -0.003 min
 Lab File: BN016351.D
 Acq: 20 Sep 2021 19:22

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)



Tgt Ion:264 Resp: 126790

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	28.2	23.7	35.5

