

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
 Data File : BN016263.D
 Acq On : 09 Sep 2021 18:11
 Operator : CG/JU
 Sample : M3604-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L41-083021

Quant Time: Sep 09 18:42:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 09 15:19:08 2021
 Response via : Initial Calibration

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

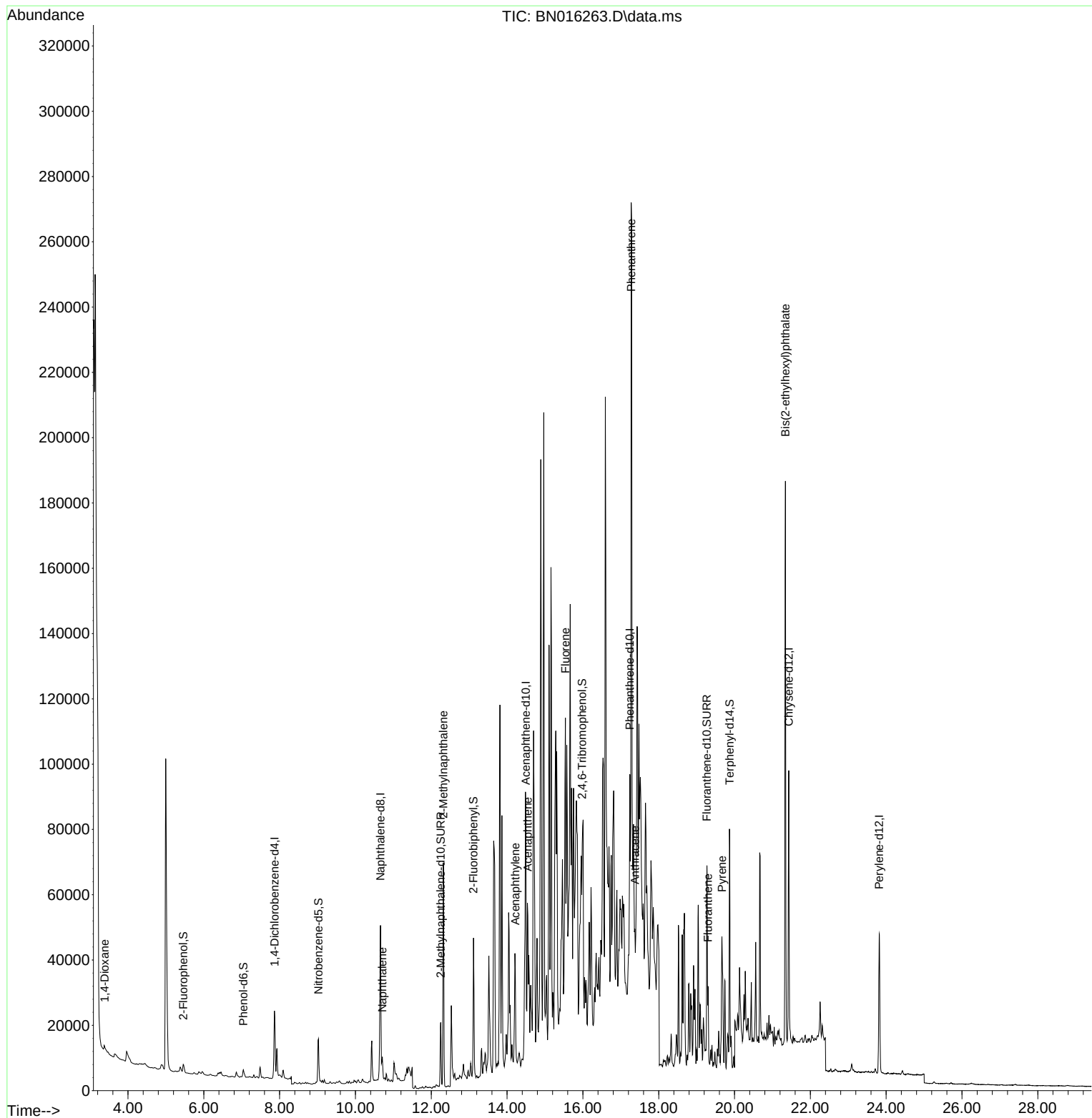
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	13167	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	67899	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	40384	0.400	ng	0.00
19) Phenanthrene-d10	17.237	188	76934	0.400	ng	# 0.00
29) Chrysene-d12	21.429	240	78144	0.400	ng	# 0.00
35) Perylene-d12	23.816	264	61279	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	3595	0.107	ng	0.00
5) Phenol-d6	7.043	99	2584	0.061	ng	0.00
8) Nitrobenzene-d5	9.025	82	13447	0.246	ng	0.01
11) 2-Methylnaphthalene-d10	12.247	152	27496	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.981	330	4769	0.288	ng	0.00
15) 2-Fluorobiphenyl	13.114	172	39361	0.249	ng	0.00
27) Fluoranthene-d10	19.271	212	71680	0.317	ng	0.00
31) Terphenyl-d14	19.867	244	70373	0.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	1296	0.277	ng	89
9) Naphthalene	10.711	128	10132	0.056	ng	# 94
12) 2-Methylnaphthalene	12.318	142	51466	0.421	ng	99
16) Acenaphthylene	14.218	152	6726	0.037	ng	# 1
17) Acenaphthene	14.548	154	9242	0.079	ng	# 46
18) Fluorene	15.537	166	42192	0.291	ng	# 73
25) Phenanthrene	17.273	178	298593	1.337	ng	# 92
26) Anthracene	17.370	178	12410	0.060	ng	# 80
28) Fluoranthene	19.301	202	21376	0.082	ng	# 86
30) Pyrene	19.668	202	50829	0.192	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.344	149	179295	1.196	ng	99

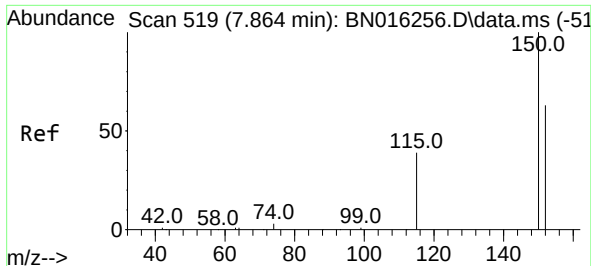
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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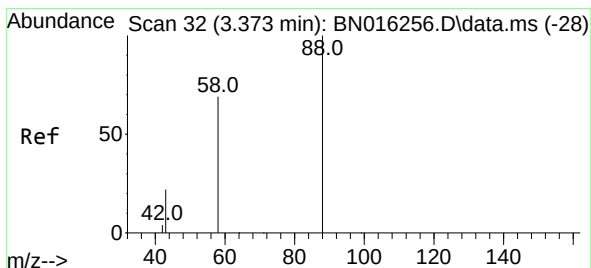
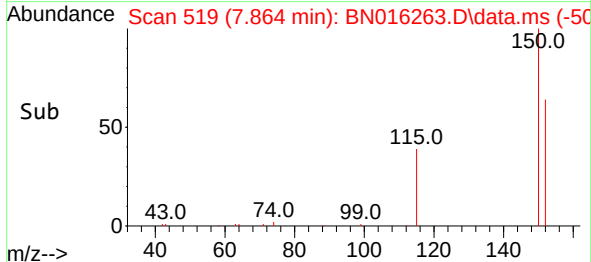
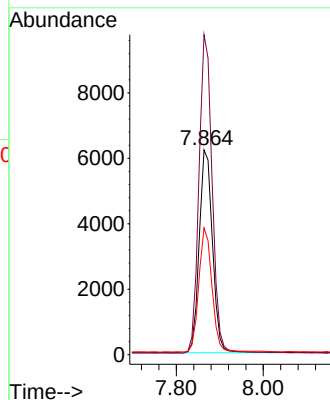
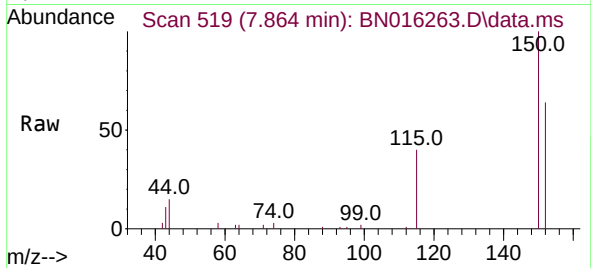




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

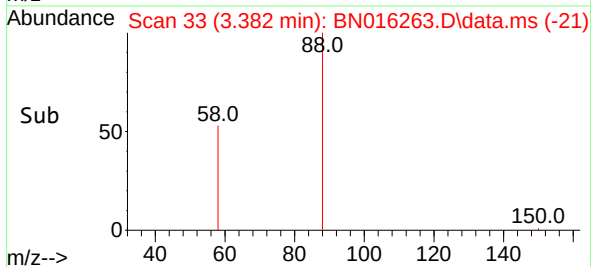
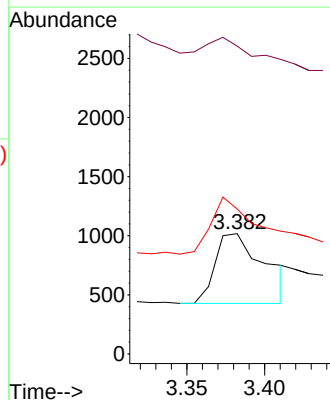
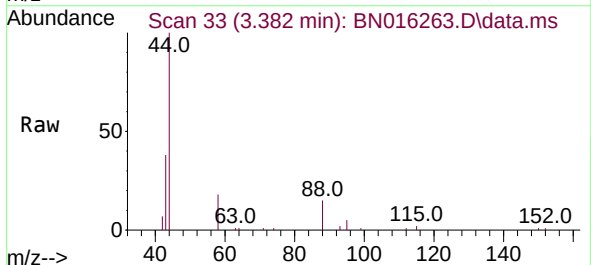
Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

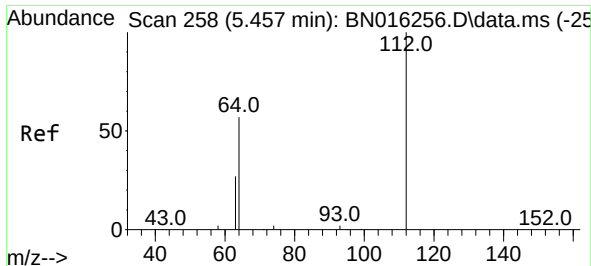
Tgt Ion:152 Resp: 13167
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 61.9 50.2 75.2



#2
1,4-Dioxane
Concen: 0.277 ng
RT: 3.382 min Scan# 33
Delta R.T. 0.009 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion: 88 Resp: 1296
Ion Ratio Lower Upper
88 100
43 23.5 20.3 30.5
58 75.2 69.9 104.9

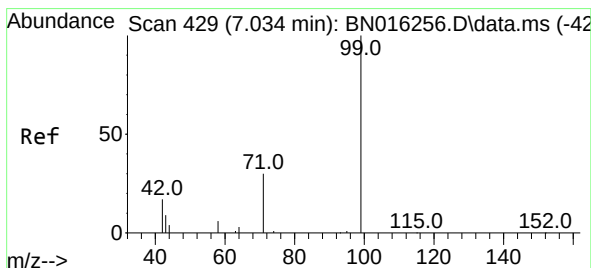
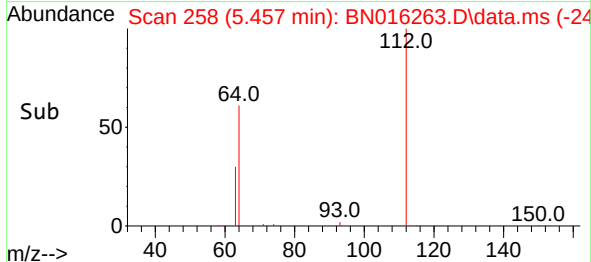
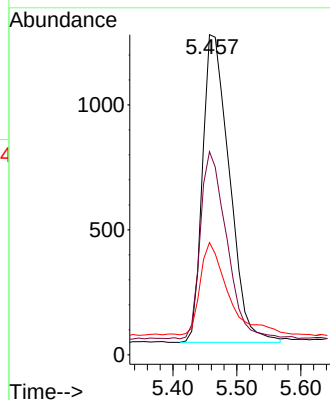
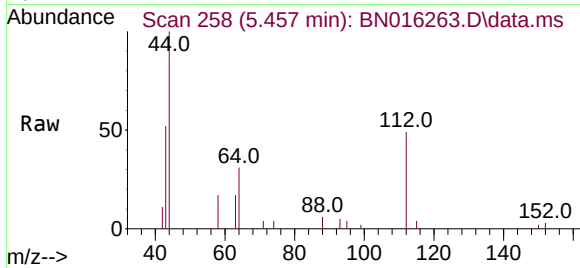




#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.457 min Scan# 258
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

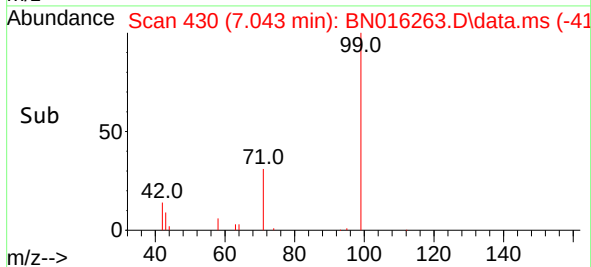
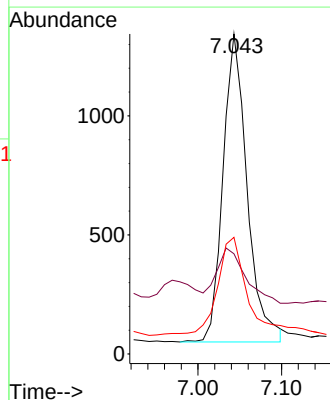
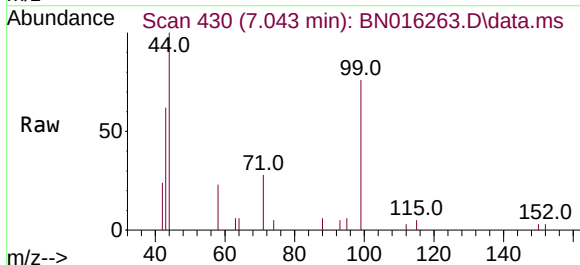
Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

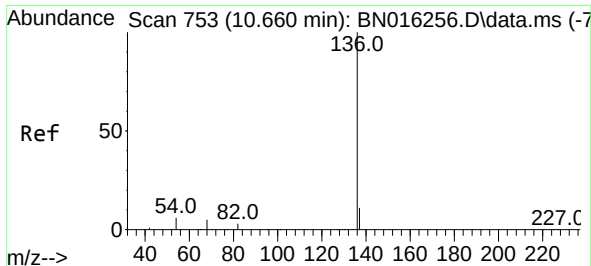
Tgt Ion:	112	Resp:	3595
Ion Ratio	Lower	Upper	
112	100		
64	59.2	47.3	70.9
63	31.1	23.4	35.0



#5
Phenol-d6
Concen: 0.061 ng
RT: 7.043 min Scan# 430
Delta R.T. 0.009 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

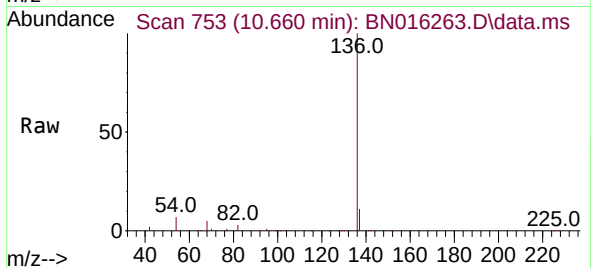
Tgt Ion:	99	Resp:	2584
Ion Ratio	Lower	Upper	
99	100		
42	21.5	14.0	21.0#
71	38.2	23.8	35.6#



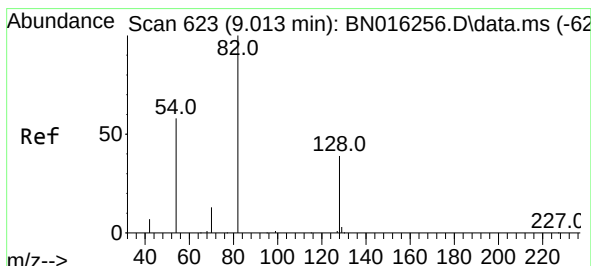
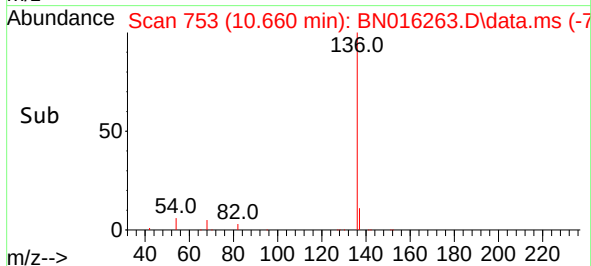
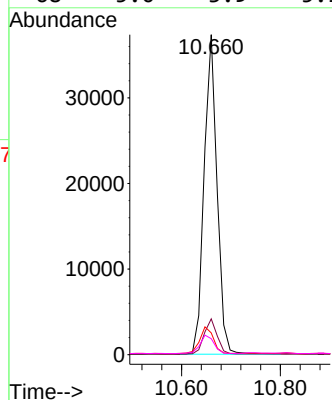


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

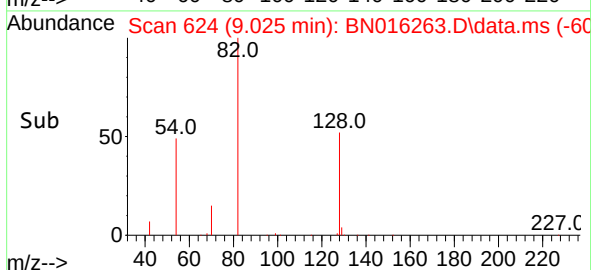
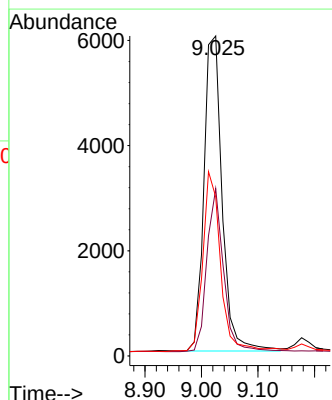
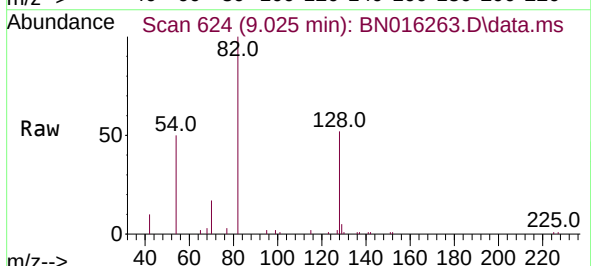


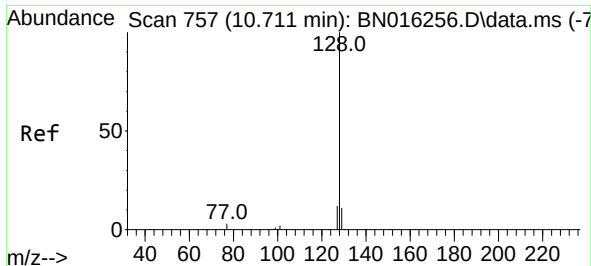
Tgt Ion:	136	Resp:	67899
Ion Ratio	100	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.8	5.3	7.9
68	5.0	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 9.025 min Scan# 624
Delta R.T. 0.013 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:	82	Resp:	13447
Ion Ratio	100	Lower	Upper
82	100		
128	52.3	31.7	47.5#
54	49.7	46.4	69.6

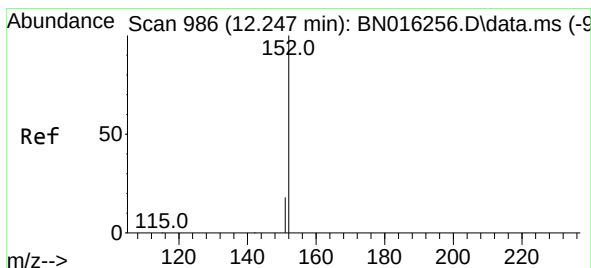
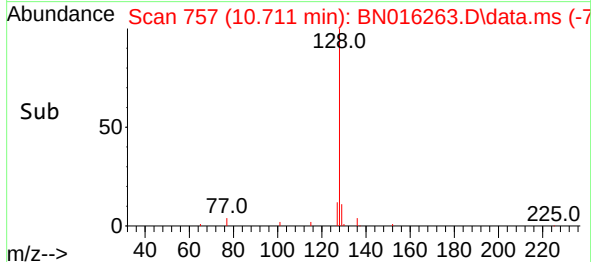
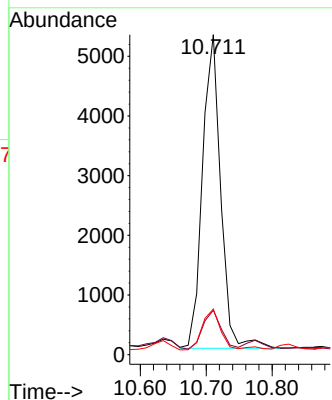
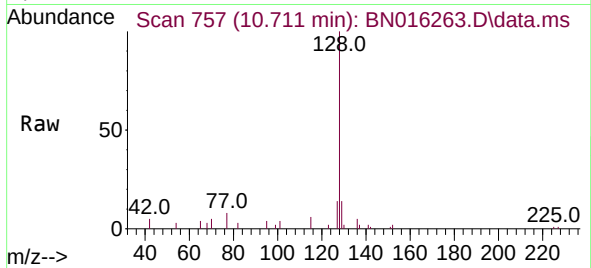




#9
Naphthalene
Concen: 0.056 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

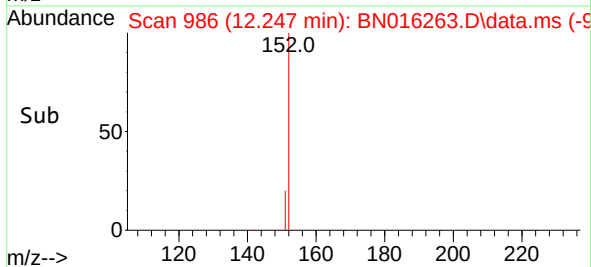
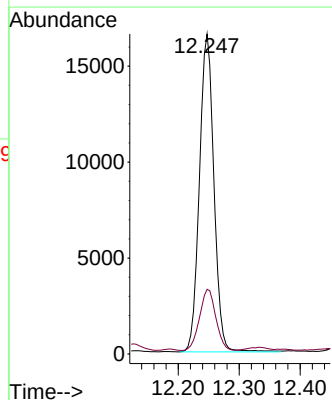
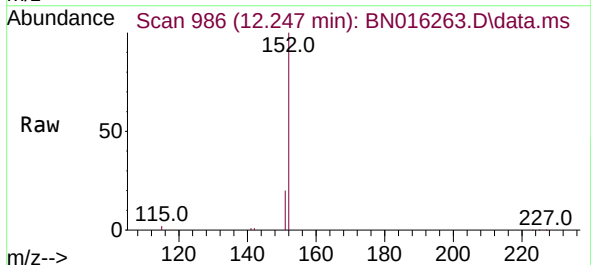
Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

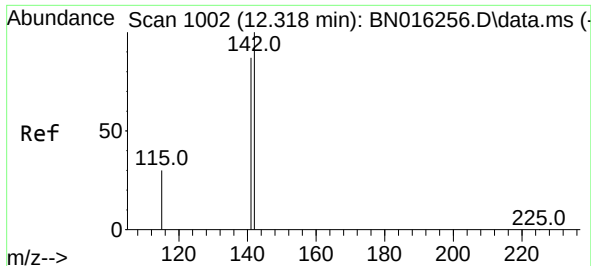
Tgt Ion:128 Resp: 10132
Ion Ratio Lower Upper
128 100
129 13.9 8.9 13.3#
127 14.3 10.1 15.1



#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:152 Resp: 27496
Ion Ratio Lower Upper
152 100
151 21.5 16.1 24.1

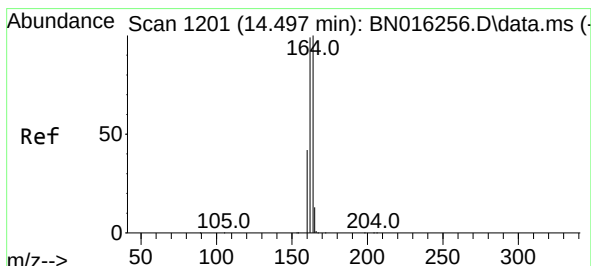
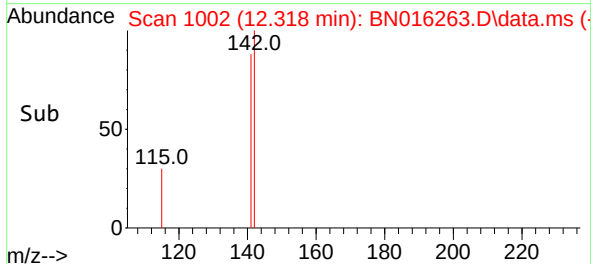
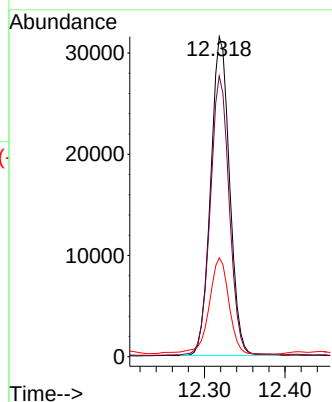
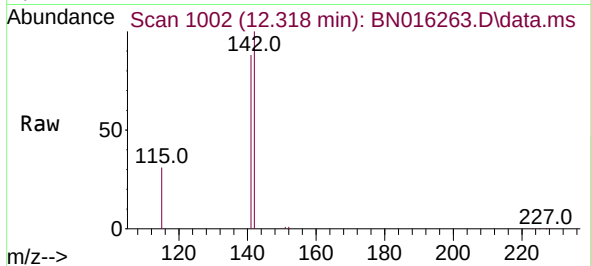




#12
2-Methylnaphthalene
Concen: 0.421 ng
RT: 12.318 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

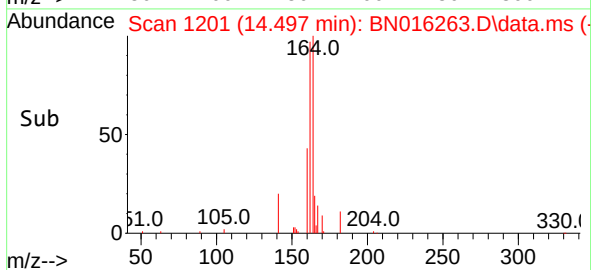
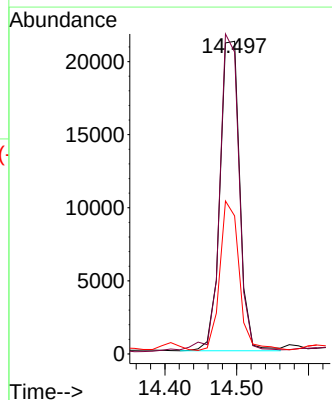
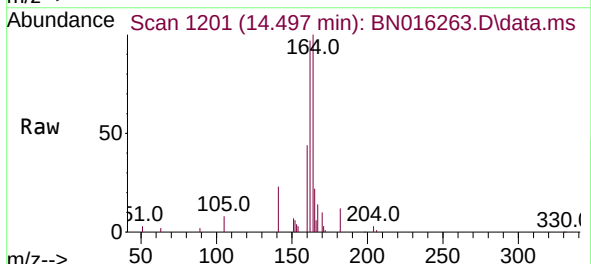
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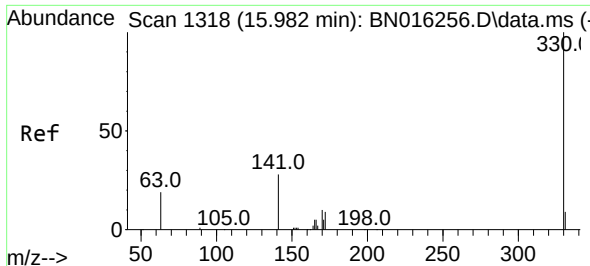
Tgt Ion:	142	Resp:	51466
Ion Ratio	Lower	Upper	
142	100		
141	87.8	69.8	104.8
115	30.9	24.4	36.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:	164	Resp:	40384
Ion Ratio	Lower	Upper	
164	100		
162	96.6	79.0	118.4
160	44.2	34.1	51.1

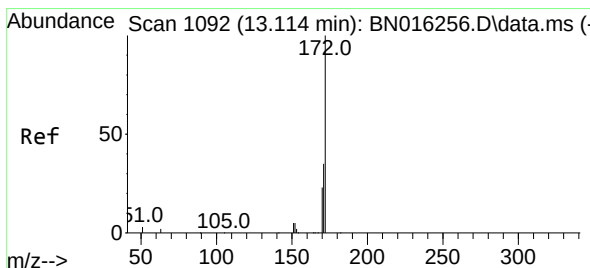
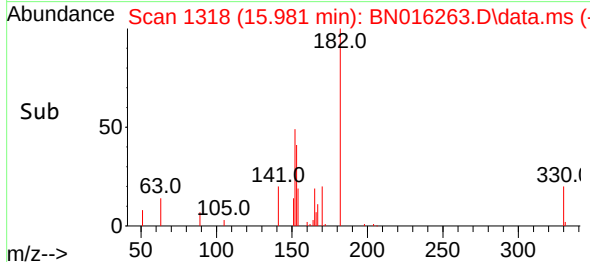
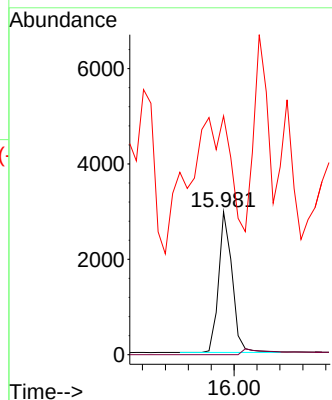
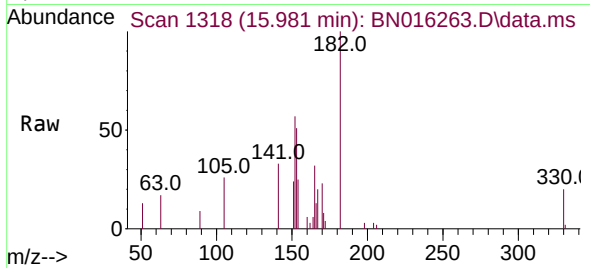




#14
2,4,6-Tribromophenol
Concen: 0.288 ng
RT: 15.981 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

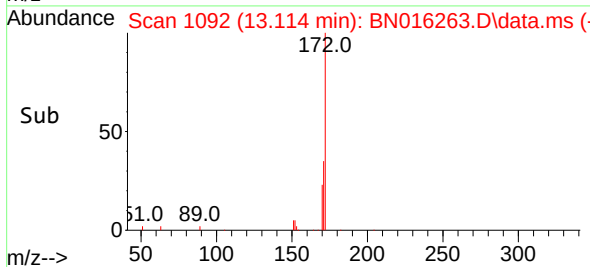
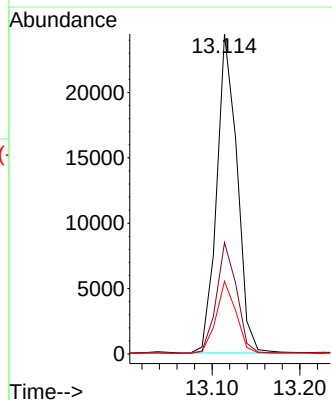
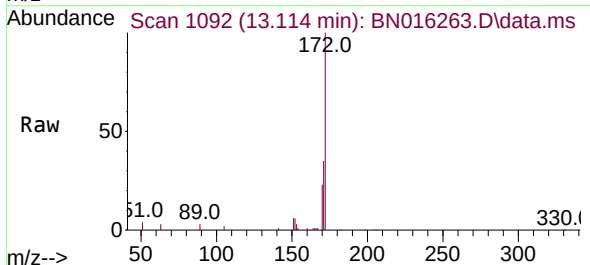
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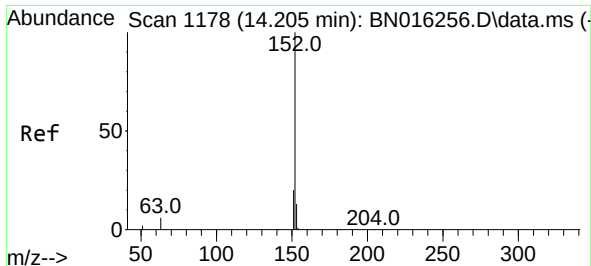
Tgt Ion:330 Resp: 4769
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 185.9 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:172 Resp: 39361
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 22.7 18.2 27.2

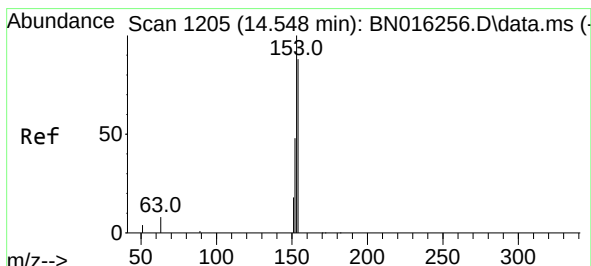
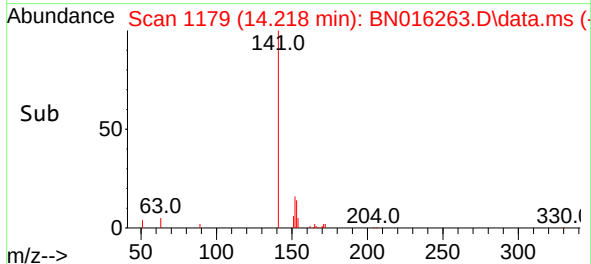
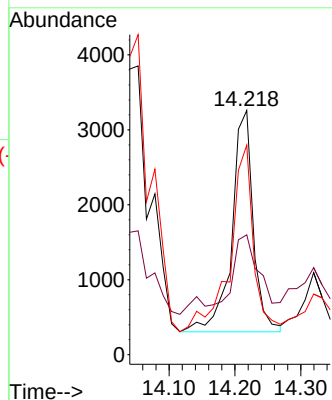
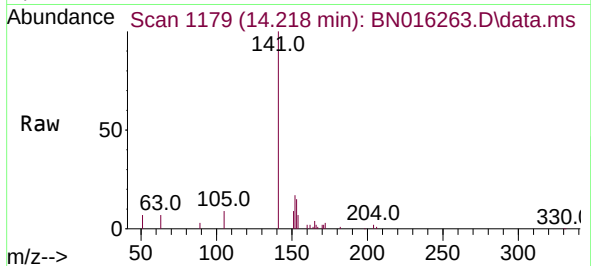




#16
Acenaphthylene
Concen: 0.037 ng
RT: 14.218 min Scan# 1179
Delta R.T. 0.013 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

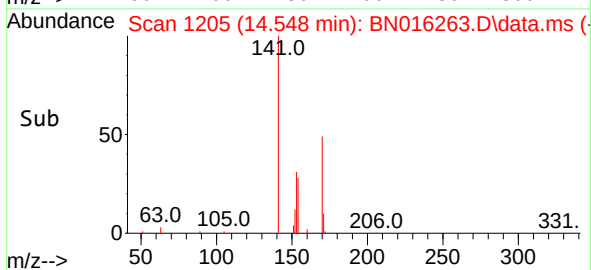
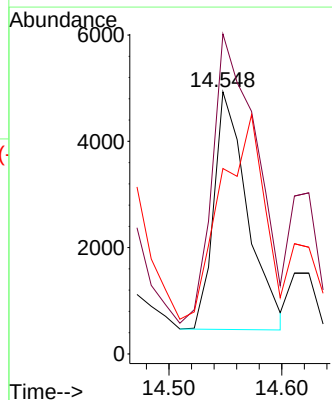
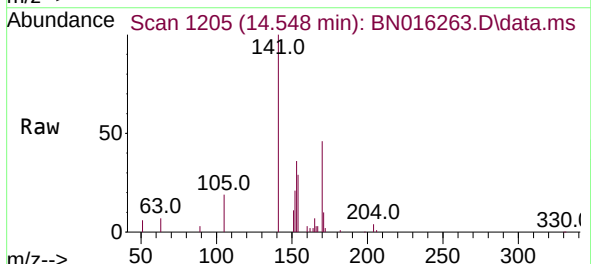
Instrument :
BNA_N
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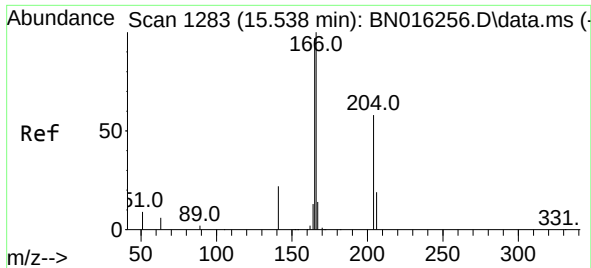
Tgt Ion:152 Resp: 6726
Ion Ratio Lower Upper
152 100
151 39.6 15.2 22.8#
153 91.9 10.5 15.7#



#17
Acenaphthene
Concen: 0.079 ng
RT: 14.548 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:154 Resp: 9242
Ion Ratio Lower Upper
154 100
153 158.8 89.3 133.9#
152 0.0 42.2 63.4#

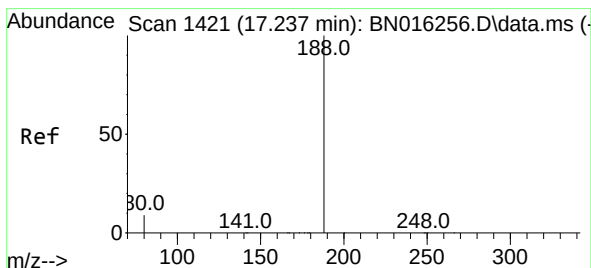
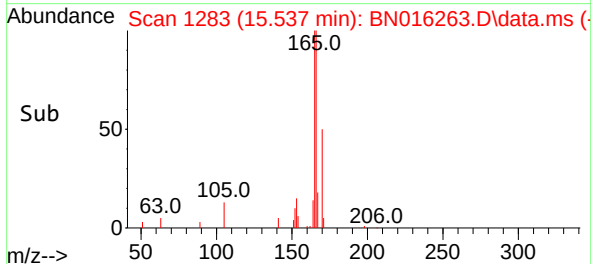
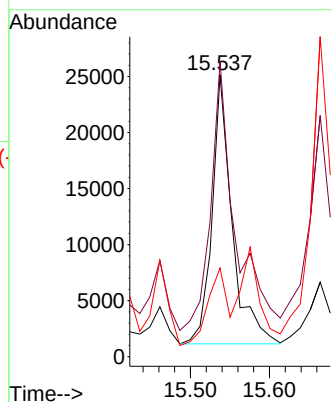
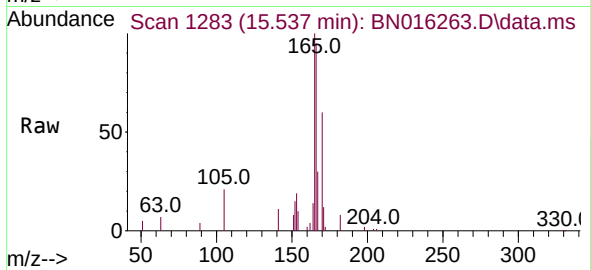




#18
Fluorene
Concen: 0.291 ng
RT: 15.537 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

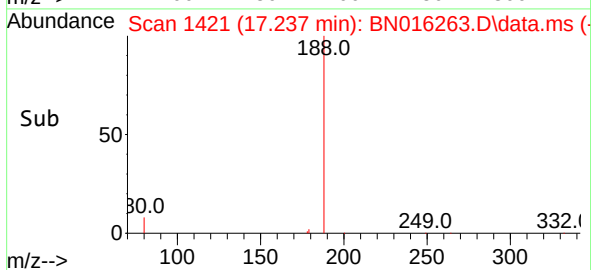
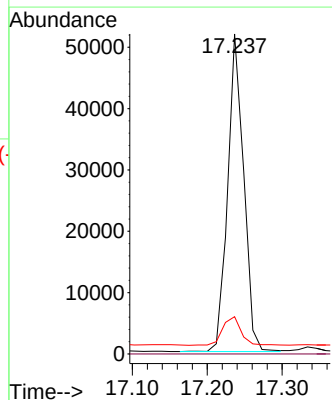
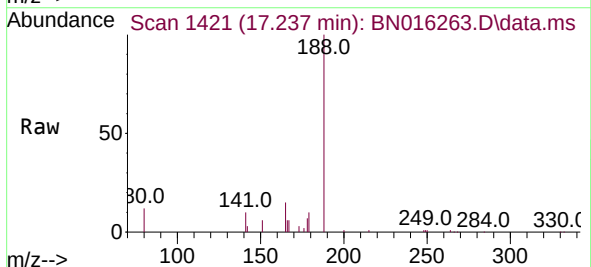
Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

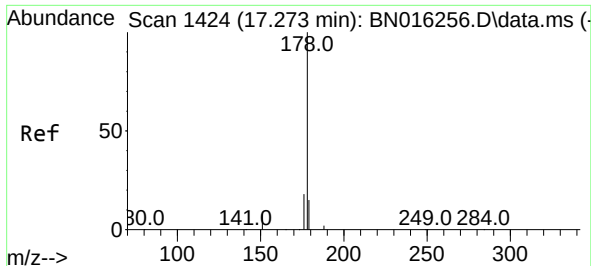
Tgt Ion:166 Resp: 42192
Ion Ratio Lower Upper
166 100
165 121.5 76.7 115.1#
167 28.1 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:188 Resp: 76934
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 7.0 10.6#

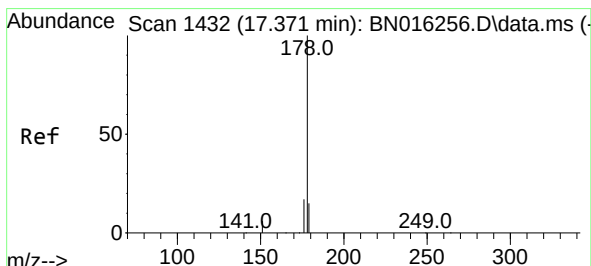
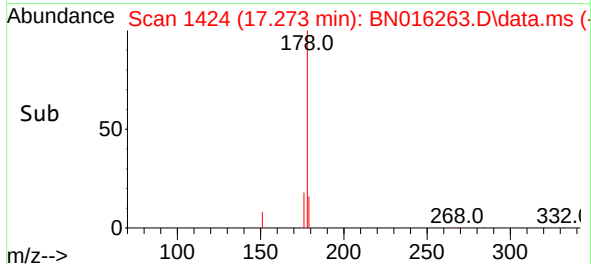
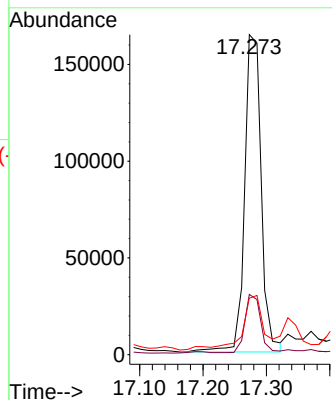
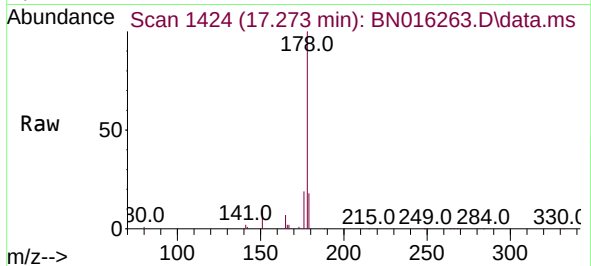




#25
Phenanthrene
Concen: 1.337 ng
RT: 17.273 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

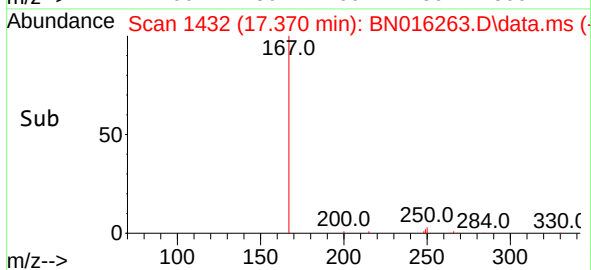
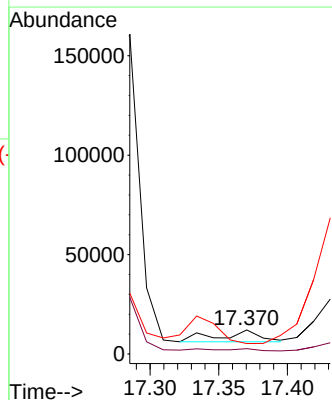
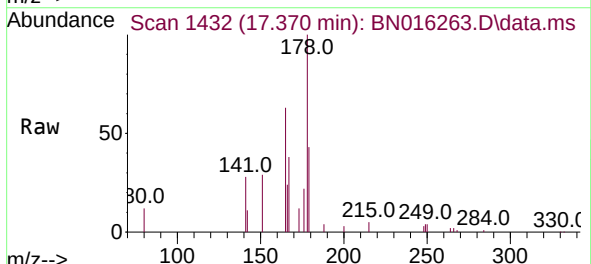
Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

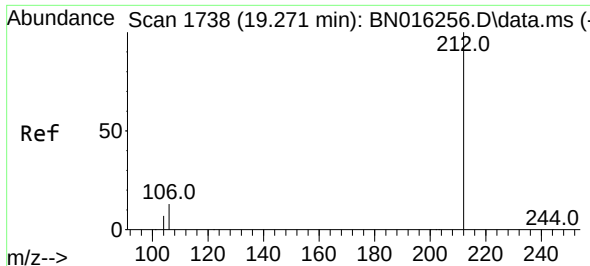
Tgt Ion:178 Resp: 298593
Ion Ratio Lower Upper
178 100
176 17.3 14.4 21.6
179 21.8 12.2 18.4#



#26
Anthracene
Concen: 0.060 ng
RT: 17.370 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:178 Resp: 12410
Ion Ratio Lower Upper
178 100
176 20.1 13.9 20.9
179 0.0 12.2 18.4#

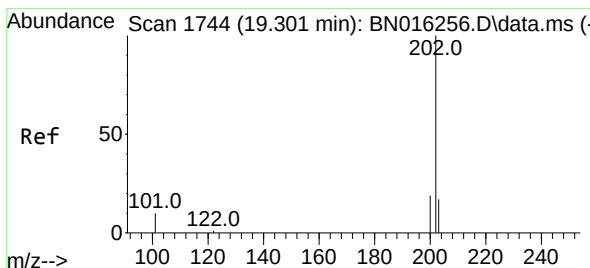
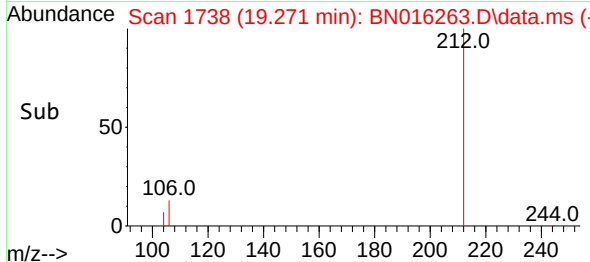
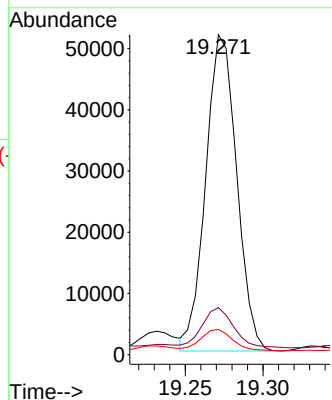
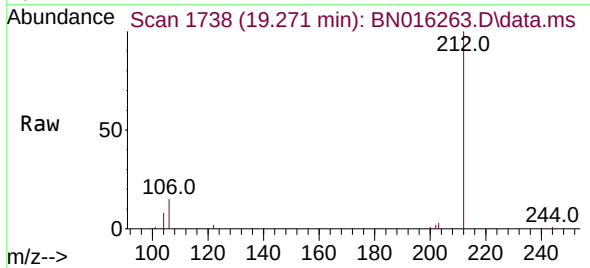




#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.271 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

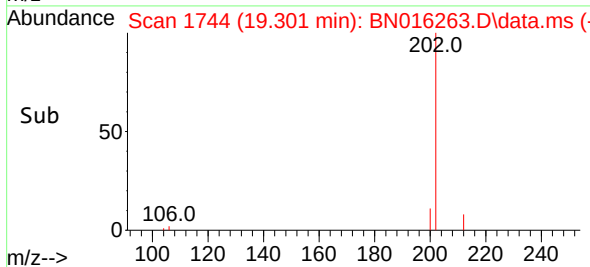
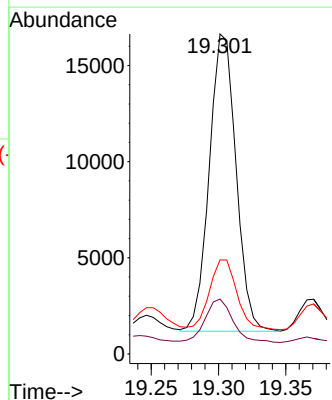
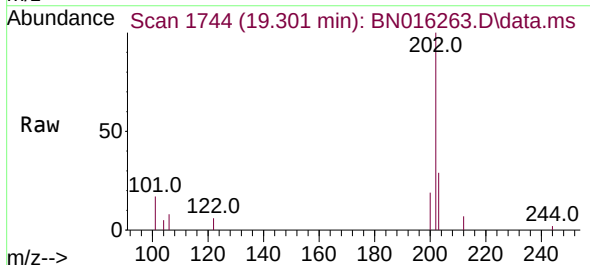
Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

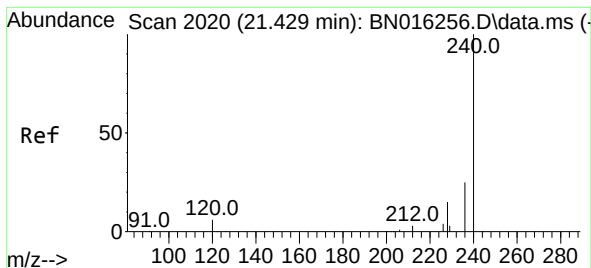
Tgt Ion:212 Resp: 71680
Ion Ratio Lower Upper
212 100
106 13.0 9.8 14.6
104 7.1 5.4 8.2



#28
Fluoranthene
Concen: 0.082 ng
RT: 19.301 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:202 Resp: 21376
Ion Ratio Lower Upper
202 100
101 15.0 8.5 12.7#
203 24.0 13.8 20.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.429 min Scan# 2020

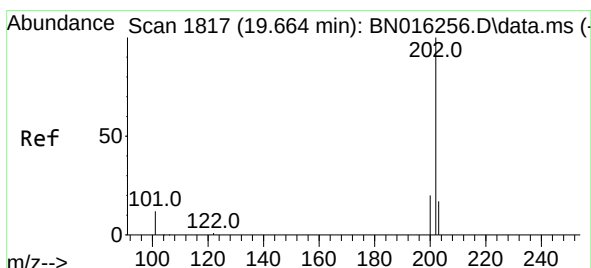
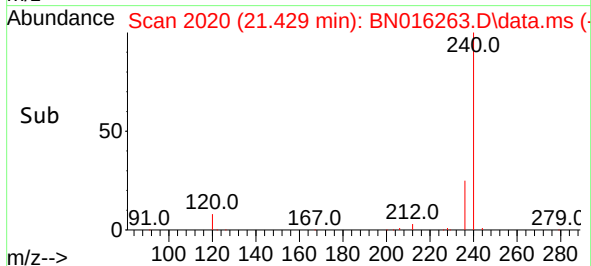
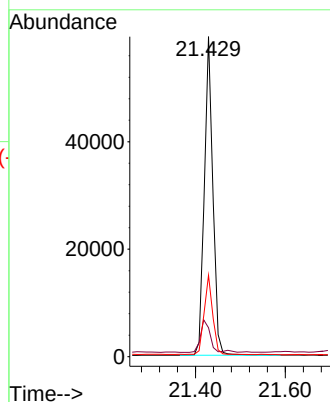
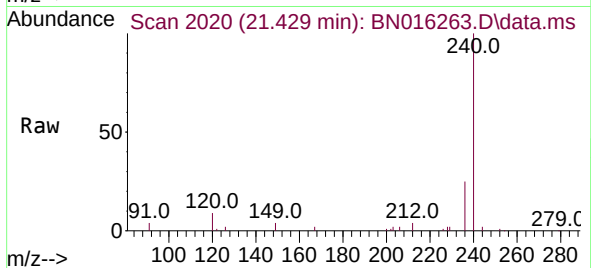
Delta R.T. -0.000 min

Lab File: BN016263.D

Acq: 09 Sep 2021 18:11

Tgt Ion:240	Resp:	78144
Ion Ratio	Lower	Upper
240	100	
120	9.1	5.3 7.9#
236	25.5	19.8 29.8

Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021



#30

Pyrene

Concen: 0.192 ng

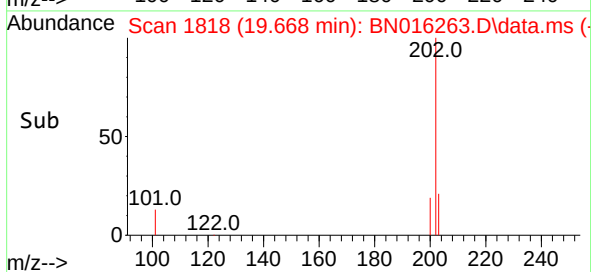
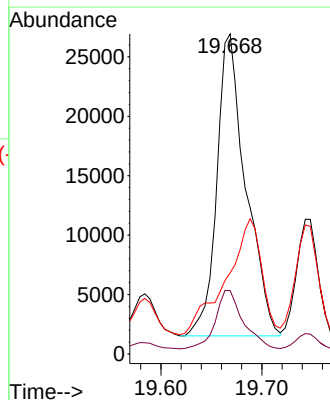
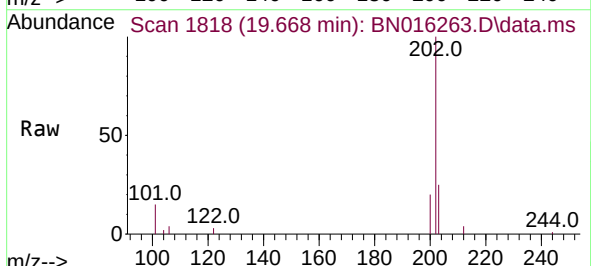
RT: 19.668 min Scan# 1818

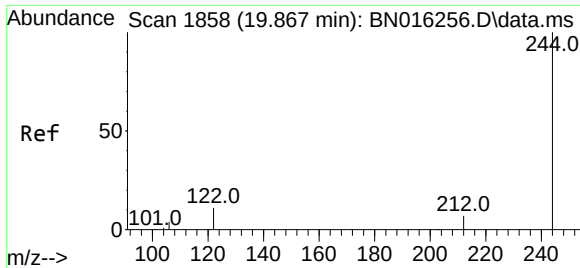
Delta R.T. 0.005 min

Lab File: BN016263.D

Acq: 09 Sep 2021 18:11

Tgt Ion:202	Resp:	50829
Ion Ratio	Lower	Upper
202	100	
200	18.5	15.8 23.6
203	0.0	13.9 20.9#

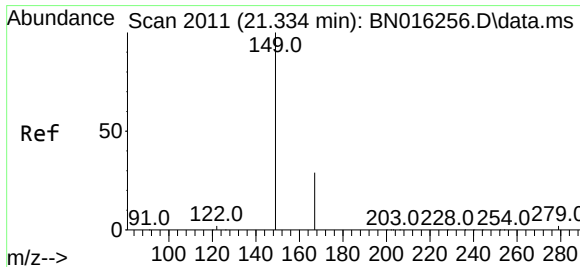
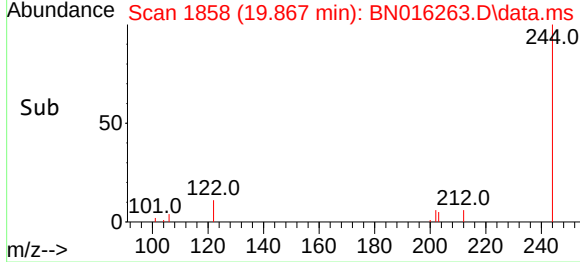
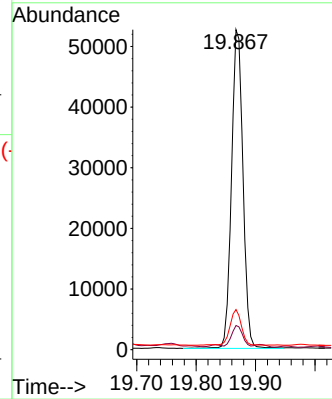
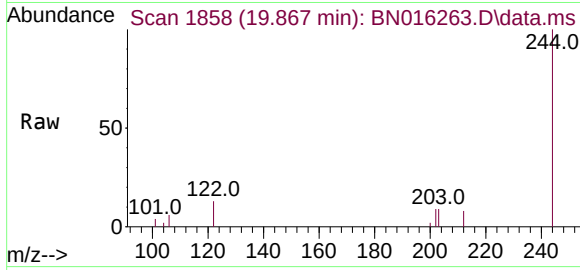




#31
 Terphenyl-d14
 Concen: 0.359 ng
 RT: 19.867 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: BN016263.D
 Acq: 09 Sep 2021 18:11

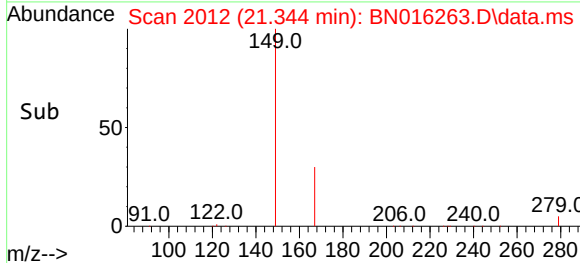
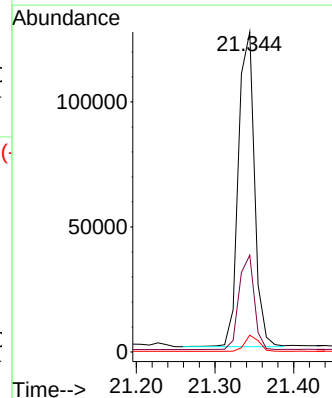
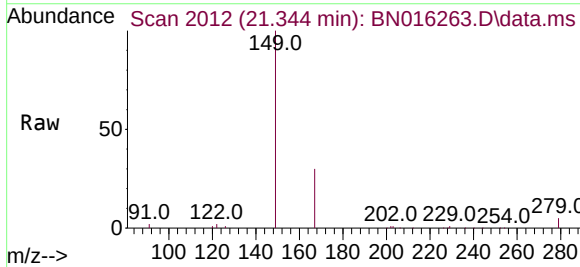
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L41-083021

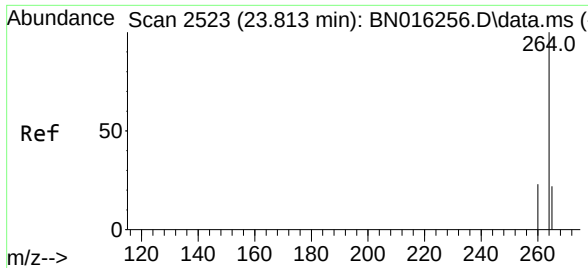
Tgt Ion:244	Resp:	70373
Ion Ratio	Lower	Upper
244	100	
212	7.6	5.5 8.3
122	12.6	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.196 ng
 RT: 21.344 min Scan# 2012
 Delta R.T. 0.010 min
 Lab File: BN016263.D
 Acq: 09 Sep 2021 18:11

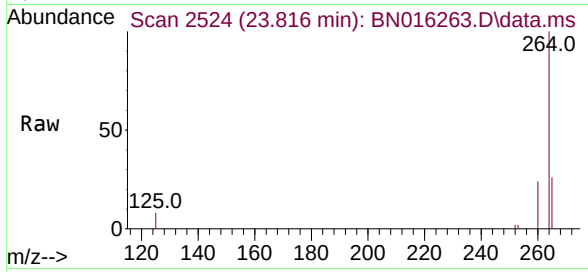
Tgt Ion:149	Resp:	179295
Ion Ratio	Lower	Upper
149	100	
167	28.4	23.4 35.0
279	4.5	3.9 5.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.816 min Scan# 2524
Delta R.T. 0.003 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021



Tgt Ion:264 Resp: 61279

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	25.8	23.7	35.5

