

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102121\
 Data File : BN017030.D
 Acq On : 20 Oct 2021 21:05
 Operator : CG/JU
 Sample : M4286-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Oct 21 01:46:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 20 15:04:54 2021
 Response via : Initial Calibration

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

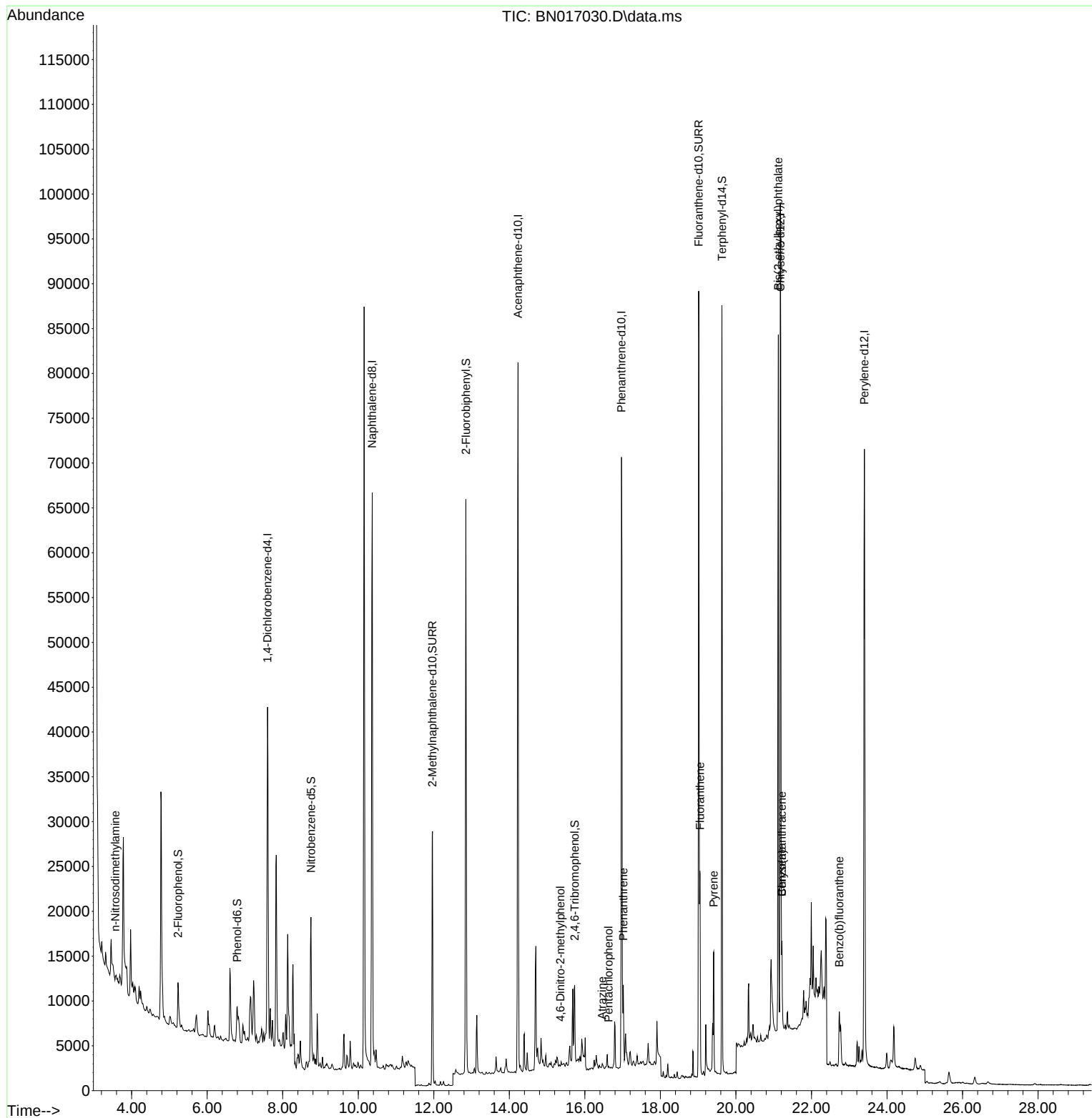
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	19676	0.400	ng	0.00
7) Naphthalene-d8	10.370	136	90319	0.400	ng	0.00
13) Acenaphthene-d10	14.232	164	49484	0.400	ng	0.00
19) Phenanthrene-d10	16.970	188	95967	0.400	ng	#-0.01
29) Chrysene-d12	21.176	240	92246	0.400	ng	#-0.01
35) Perylene-d12	23.400	264	91594	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	5613	0.136	ng	0.02
5) Phenol-d6	6.796	99	3844	0.081	ng	0.00
8) Nitrobenzene-d5	8.748	82	15962	0.273	ng	0.00
11) 2-Methylnaphthalene-d10	11.964	152	38653	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	7952	0.430	ng	0.00
15) 2-Fluorobiphenyl	12.849	172	53428	0.288	ng	0.00
27) Fluoranthene-d10	19.015	212	96227	0.401	ng	0.00
31) Terphenyl-d14	19.630	244	85936	0.421	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.568	42	1095	0.072	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.349	198	34	0.180	ng	# 1
23) Atrazine	16.459	200	242	0.125	ng	# 53
24) Pentachlorophenol	16.630	266	85	0.241	ng	# 76
25) Phenanthrene	17.019	178	10313	0.038	ng	96
28) Fluoranthene	19.050	202	20905	0.071	ng	99
30) Pyrene	19.412	202	12267	0.042	ng	98
32) Benzo(a)anthracene	21.218	228	11143	0.041	ng	# 91
33) Chrysene	21.218	228	10738	0.036	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.123	149	72785	0.618	ng	98
37) Benzo(b)fluoranthene	22.736	252	9536	0.032	ng	# 71

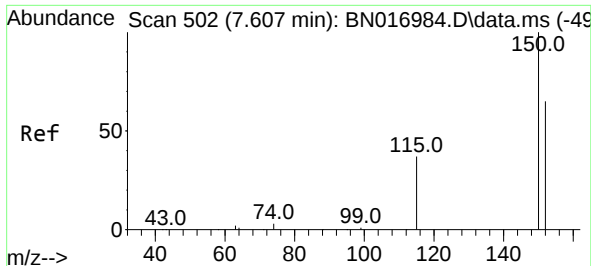
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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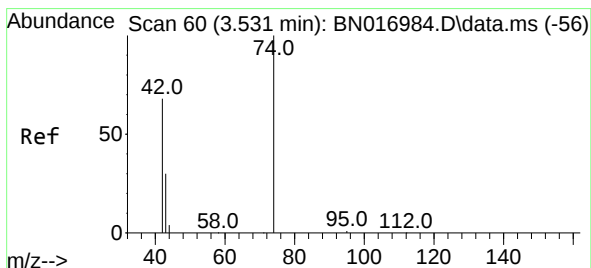
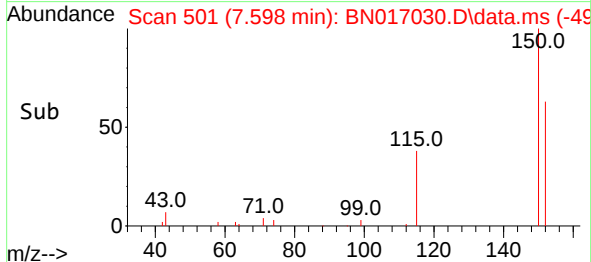
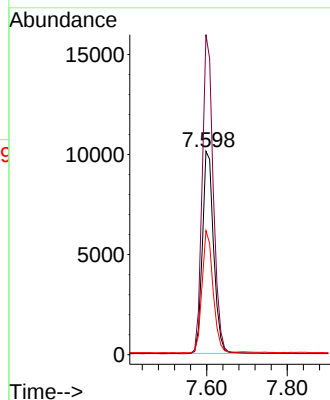
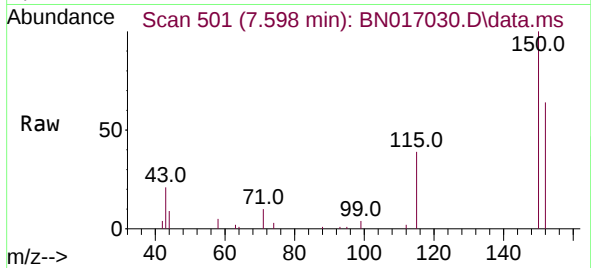




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.598 min Scan# 501
Delta R.T. -0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

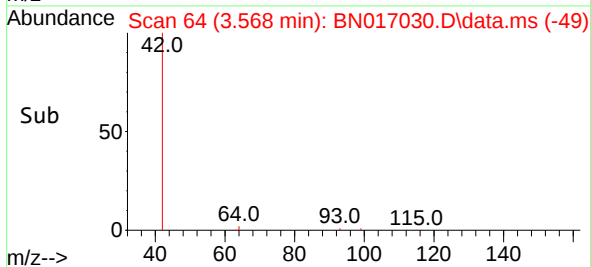
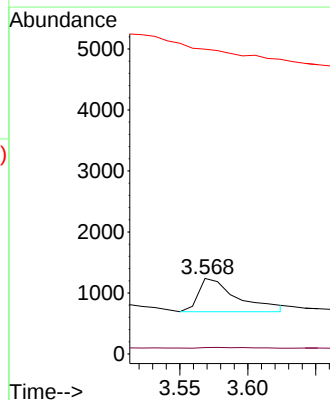
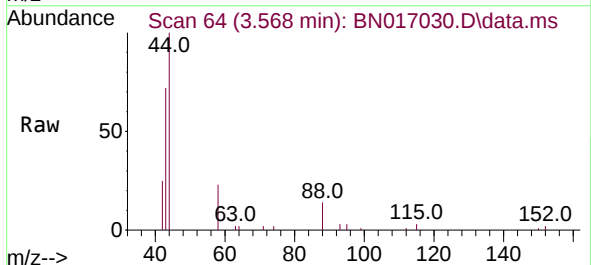
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BNA_N
ClientSampleId :
SW-RR-01-(2.0)

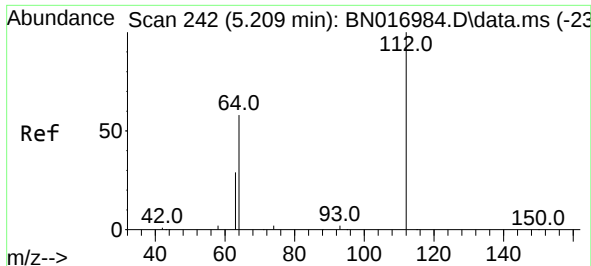
Tgt Ion:152 Resp: 19676
Ion Ratio Lower Upper
152 100
150 157.4 123.0 184.4
115 61.0 46.3 69.5



#3
n-Nitrosodimethylamine
Concen: 0.072 ng
RT: 3.568 min Scan# 64
Delta R.T. 0.037 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

Tgt Ion: 42 Resp: 1095
Ion Ratio Lower Upper
42 100
74 2.6 114.7 172.1#
44 0.0 3.8 5.6#

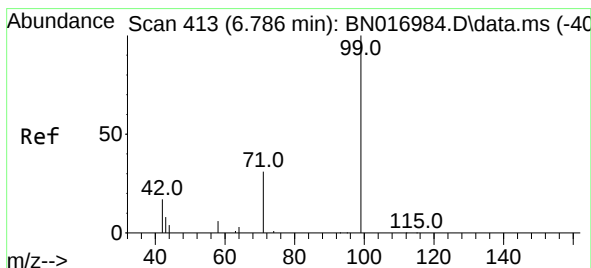
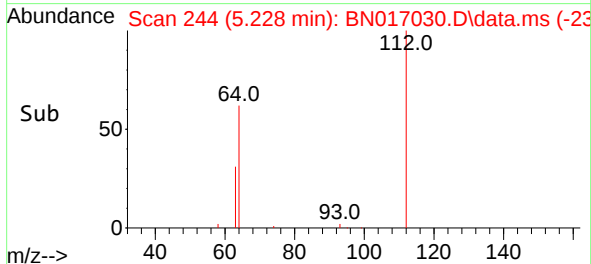
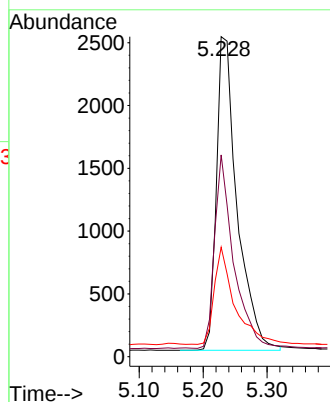
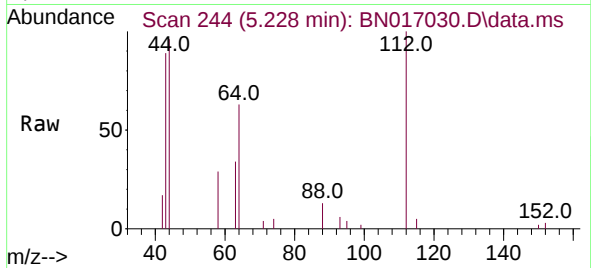




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.228 min Scan# 244
Delta R.T. 0.019 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

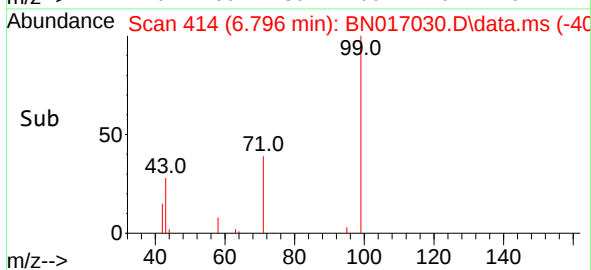
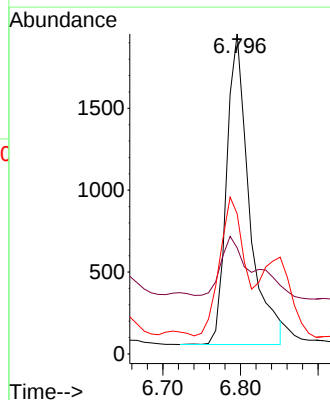
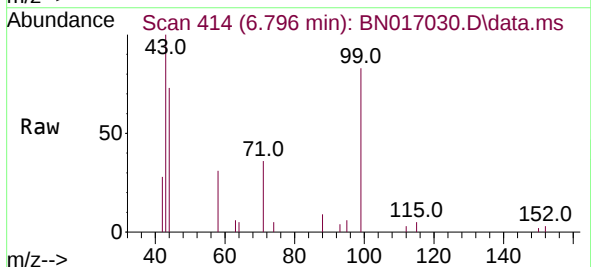
Instrument :
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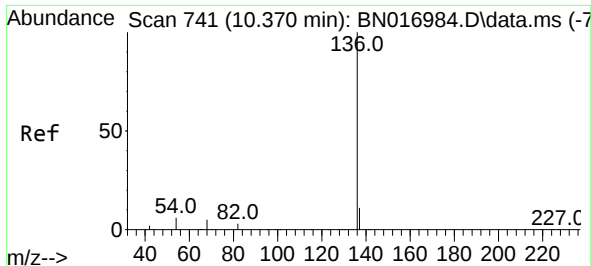
Tgt Ion:	112	Resp:	5613
Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.5	68.3
63	30.4	23.0	34.6



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.796 min Scan# 414
Delta R.T. 0.009 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

Tgt Ion:	99	Resp:	3844
Ion	Ratio	Lower	Upper
99	100		
42	25.9	14.6	21.8#
71	48.2	24.8	37.2#

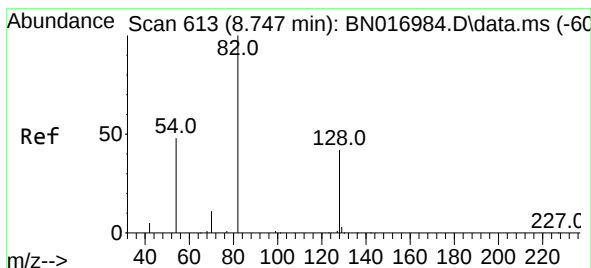
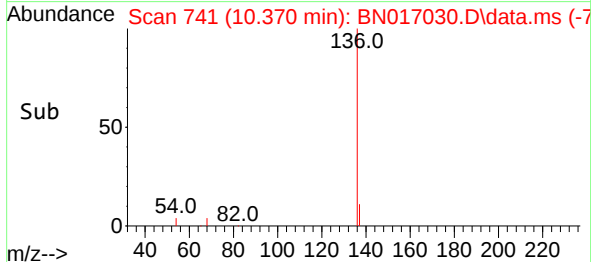
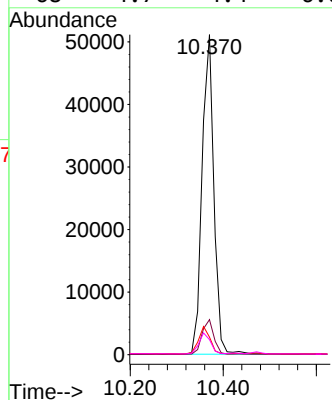
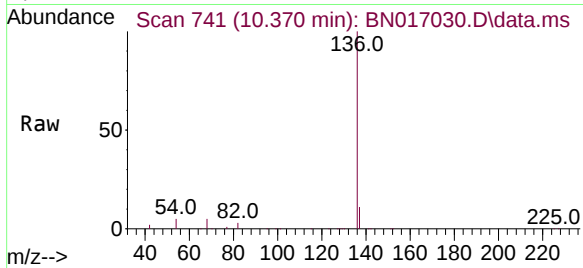




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.370 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

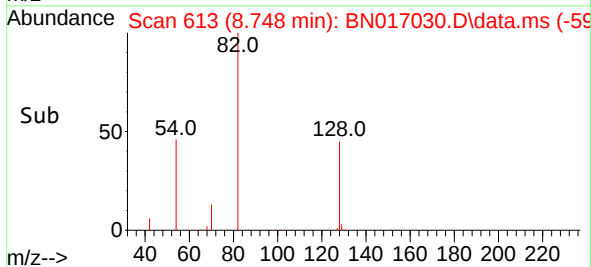
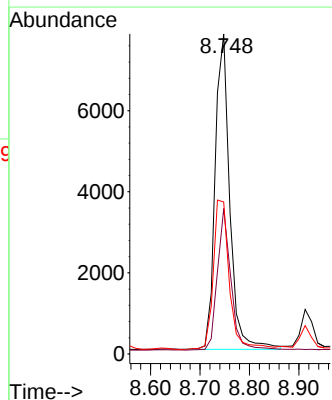
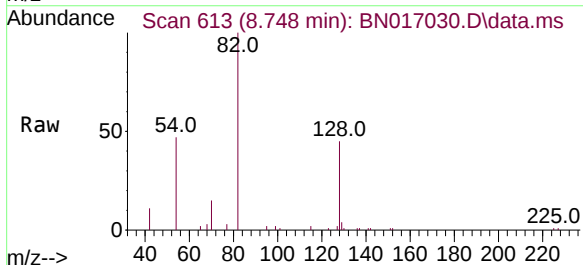
Instrument :
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ClientSampleId :
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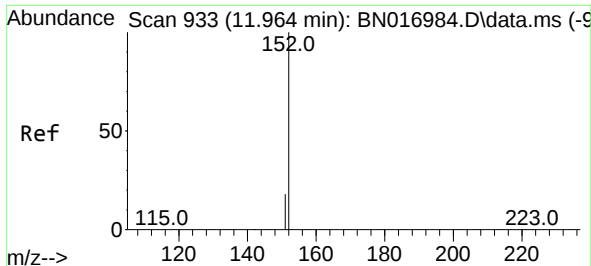
Tgt Ion:	136	Resp:	90319
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	5.5	5.2	7.8
68	4.7	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.273 ng
RT: 8.748 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

Tgt Ion:	82	Resp:	15962
Ion Ratio	Lower	Upper	
82	100		
128	45.5	33.9	50.9
54	47.5	38.3	57.5

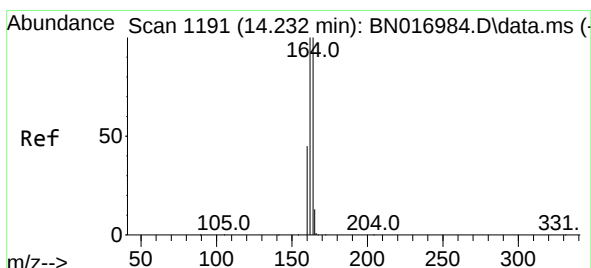
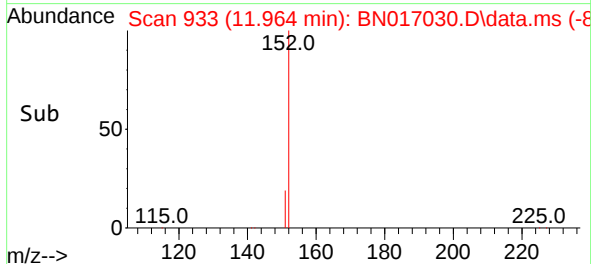
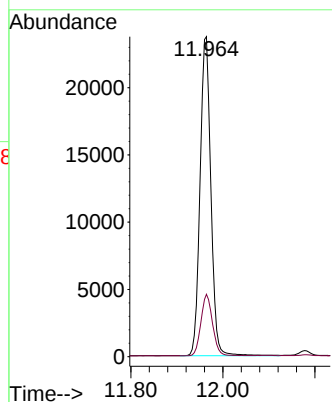
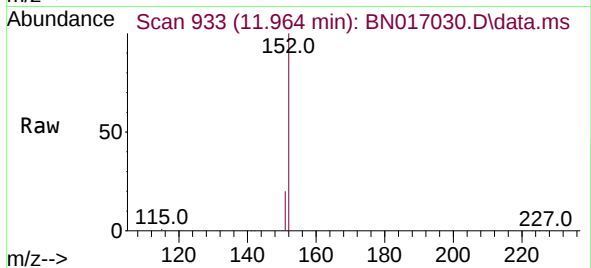




#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 11.964 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

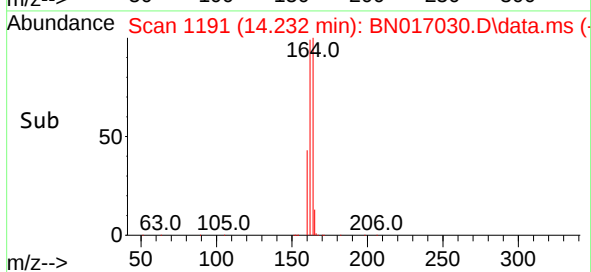
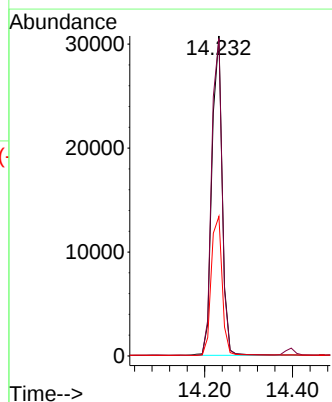
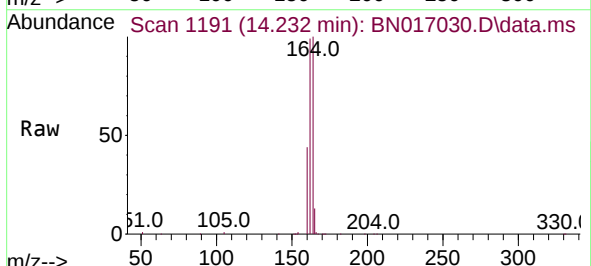
Instrument :
BNA_N
ClientSampleId :
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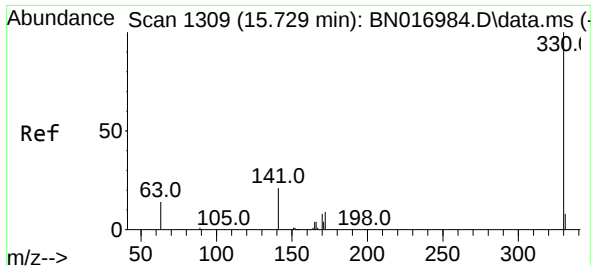
Tgt Ion:152 Resp: 38653
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

Tgt Ion:164 Resp: 49484
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.2
160 43.6 36.0 54.0

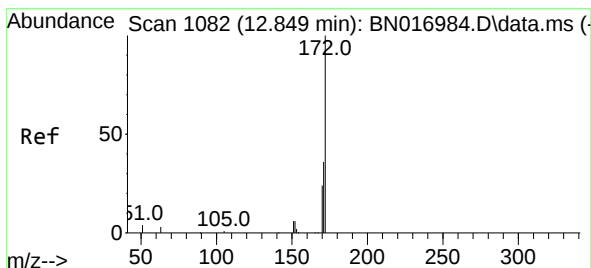
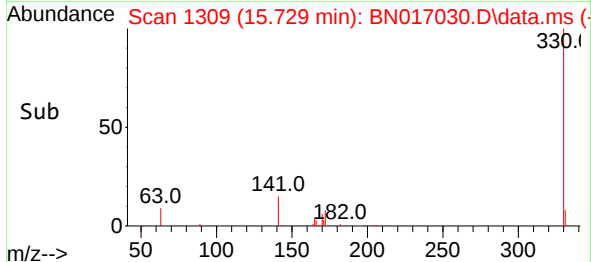
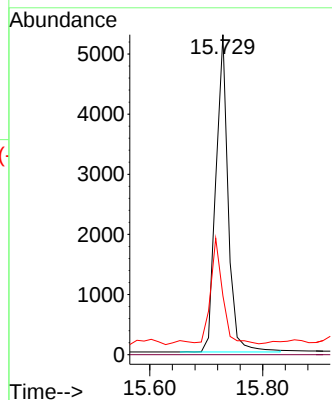
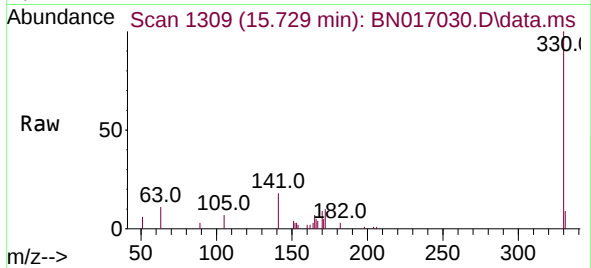




#14
2,4,6-Tribromophenol
Concen: 0.430 ng
RT: 15.729 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

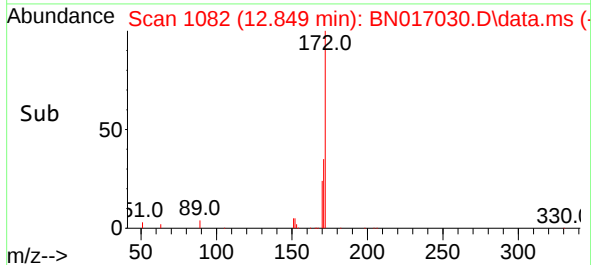
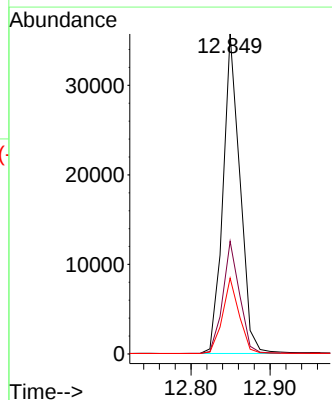
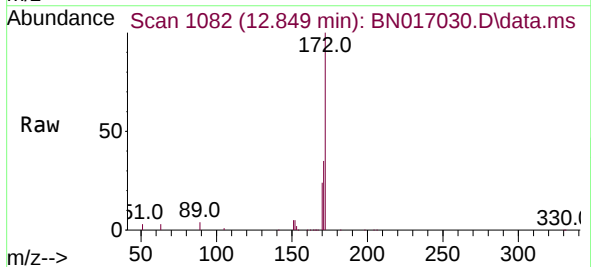
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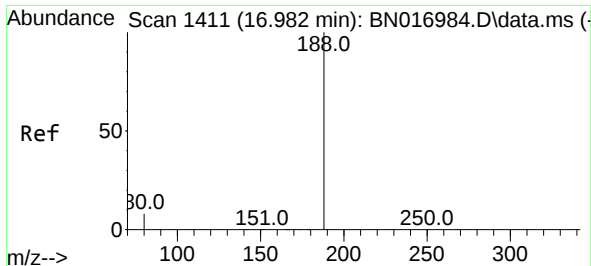
Tgt Ion:330 Resp: 7952
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.2 25.6 38.4



#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 12.849 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

Tgt Ion:172 Resp: 53428
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.7 19.6 29.4

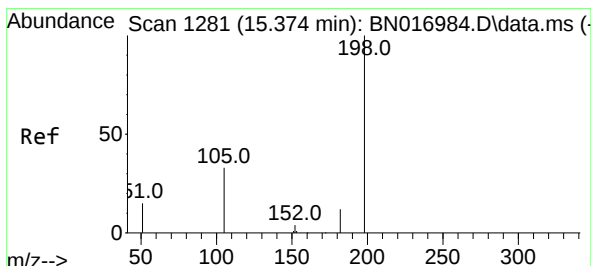
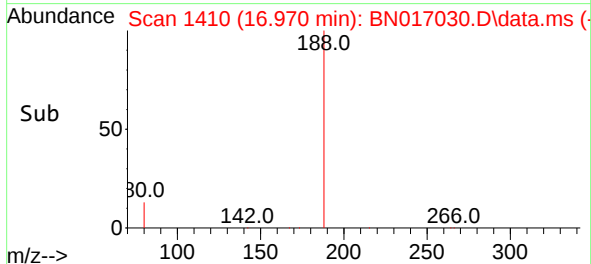
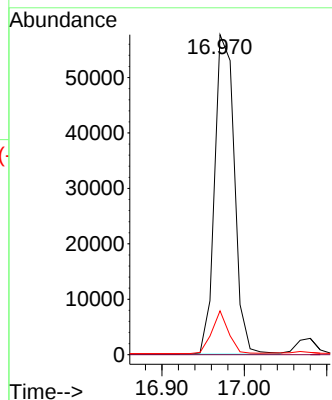
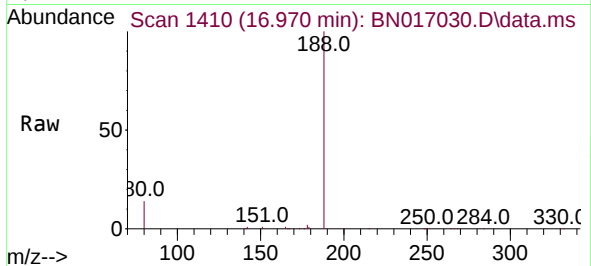




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

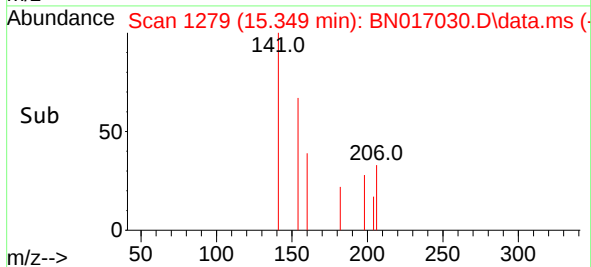
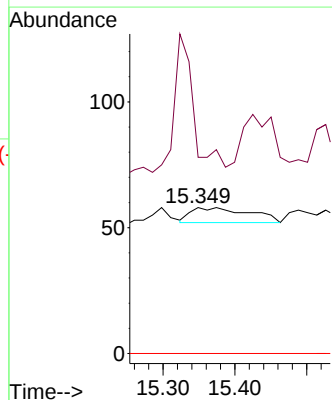
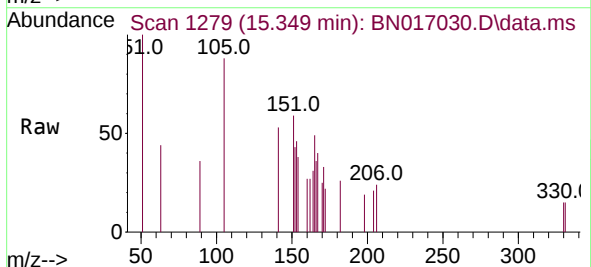
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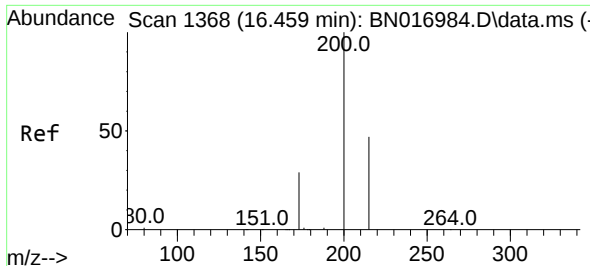
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	6.2	9.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.349 min Scan# 1279
Delta R.T. -0.025 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

Tgt Ion	Ratio	Lower	Upper
198	100		
182	134.5	12.5	18.7#
77	0.0	0.0	0.0

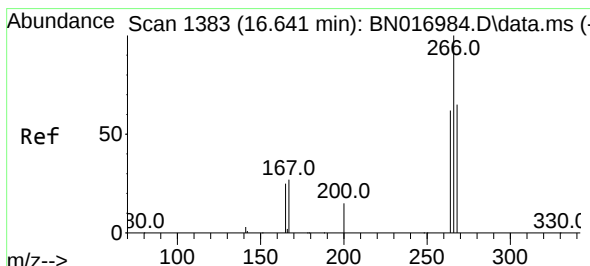
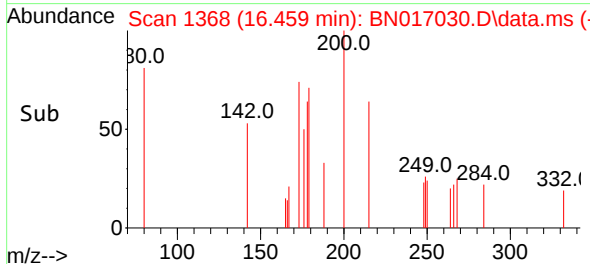
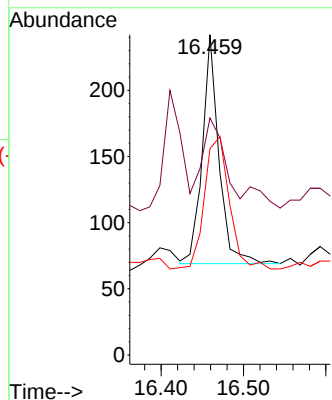
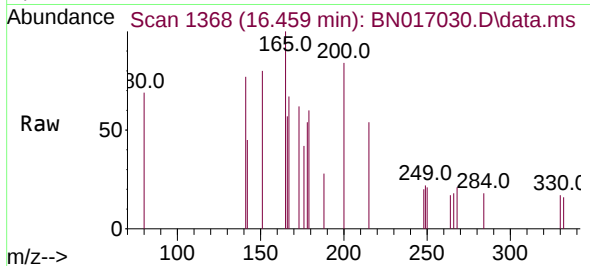




#23
Atrazine
Concen: 0.125 ng
RT: 16.459 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

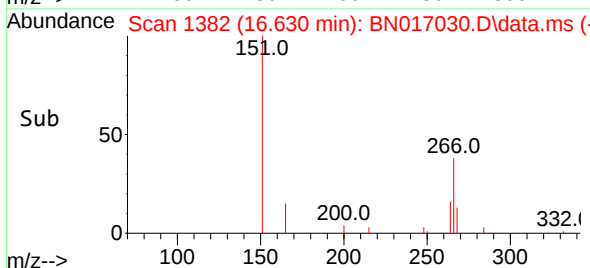
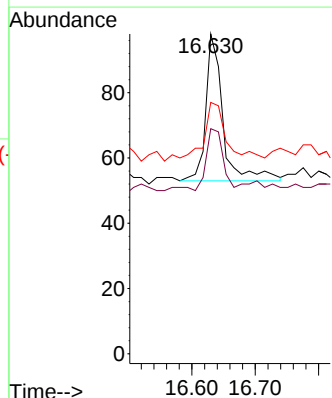
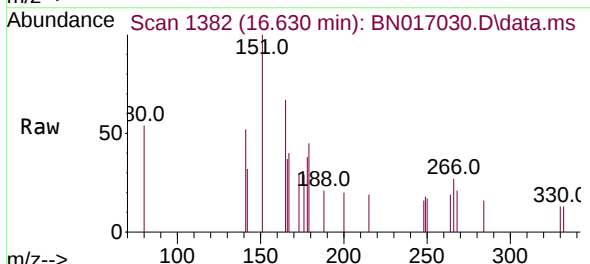
Instrument :
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SW-RR-01-(2.0)

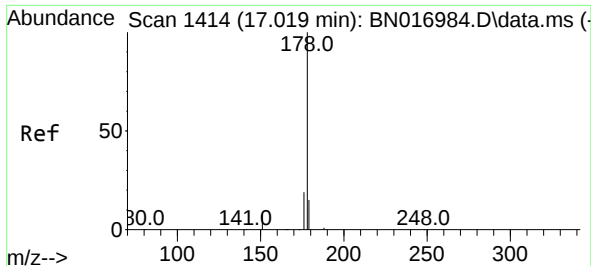
Tgt Ion:200 Resp: 242
Ion Ratio Lower Upper
200 100
173 74.0 23.5 35.3#
215 64.5 37.9 56.9#



#24
Pentachlorophenol
Concen: 0.241 ng
RT: 16.630 min Scan# 1382
Delta R.T. -0.012 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

Tgt Ion:266 Resp: 85
Ion Ratio Lower Upper
266 100
264 44.7 50.0 75.0#
268 43.5 50.9 76.3#

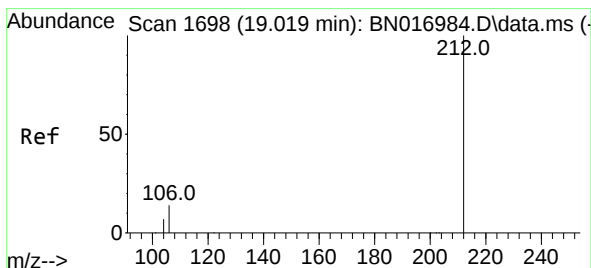
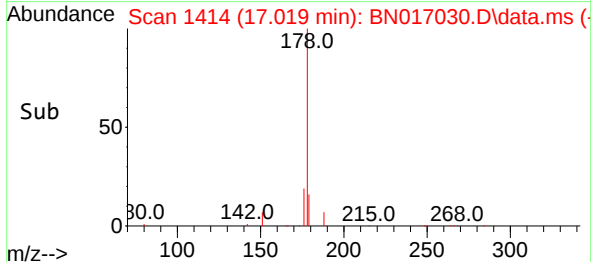
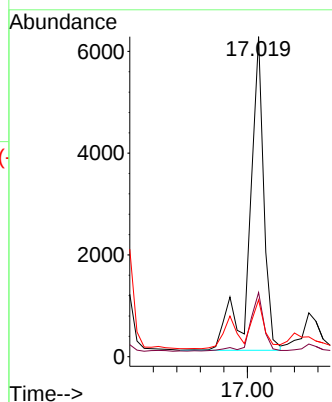
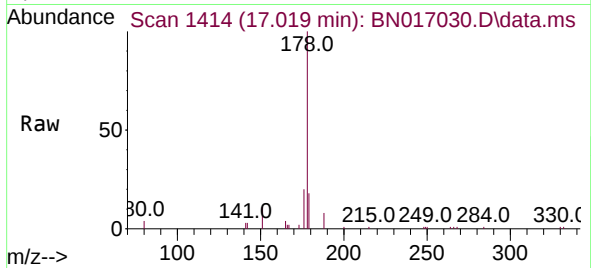




#25
Phenanthrene
Concen: 0.038 ng
RT: 17.019 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

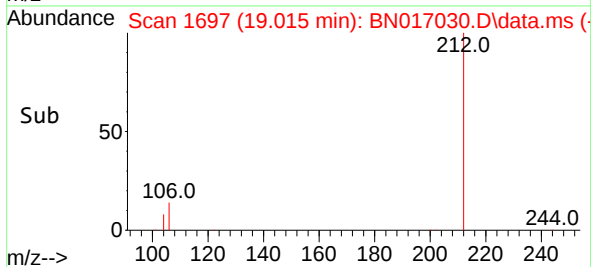
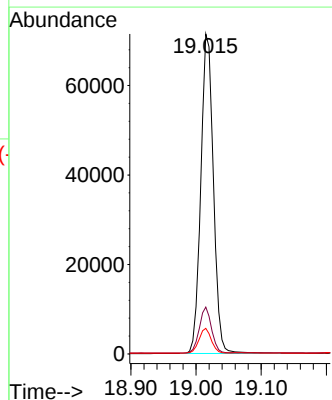
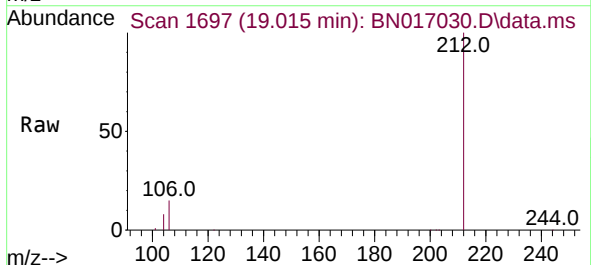
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

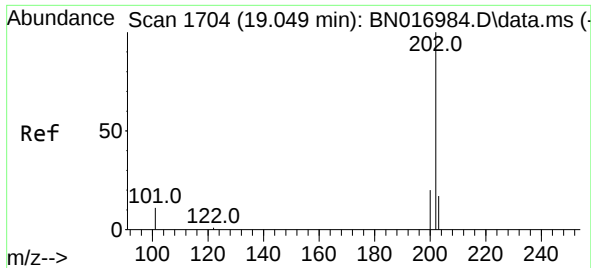
Tgt Ion:	178	Resp:	10313
Ion Ratio	Lower	Upper	
178	100		
176	17.4	15.0	22.6
179	12.9	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.015 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

Tgt Ion:	212	Resp:	96227
Ion Ratio	Lower	Upper	
212	100		
106	13.9	11.0	16.4
104	7.6	6.0	9.0

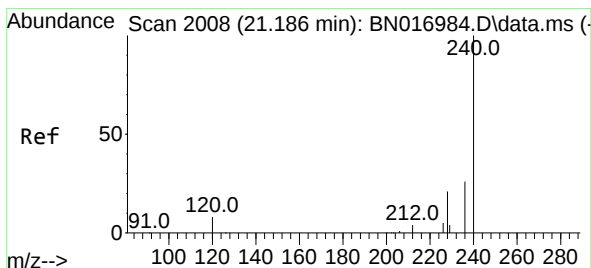
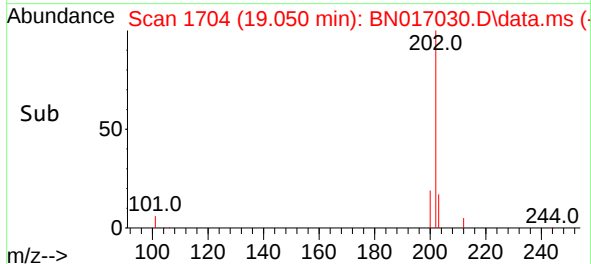
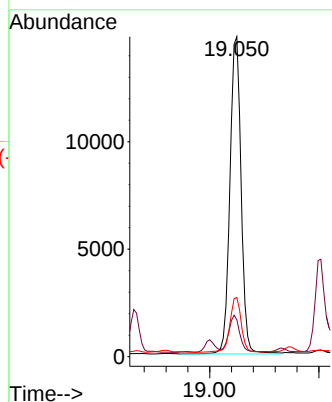
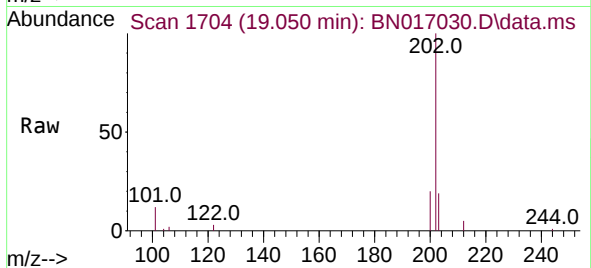




#28
Fluoranthene
Concen: 0.071 ng
RT: 19.050 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

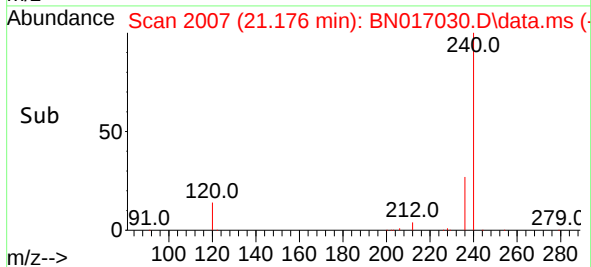
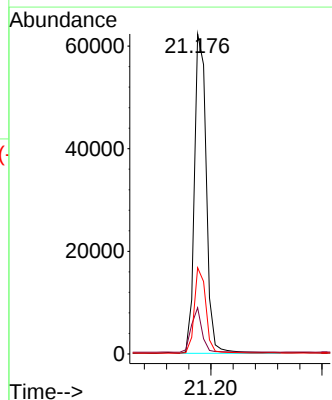
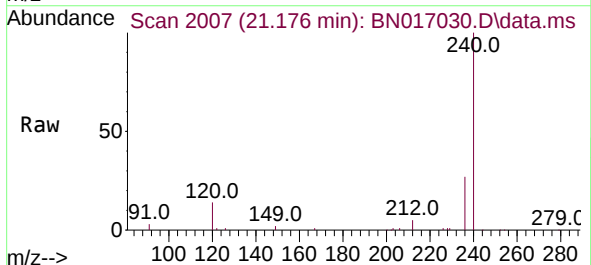
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

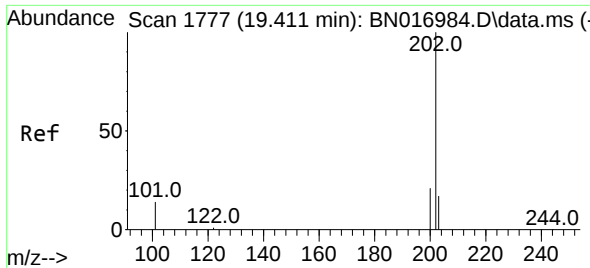
Tgt Ion:202 Resp: 20905
Ion Ratio Lower Upper
202 100
101 10.8 9.3 13.9
203 17.6 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.176 min Scan# 2007
Delta R.T. -0.010 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

Tgt Ion:240 Resp: 92246
Ion Ratio Lower Upper
240 100
120 14.5 6.4 9.6#
236 27.0 20.6 31.0

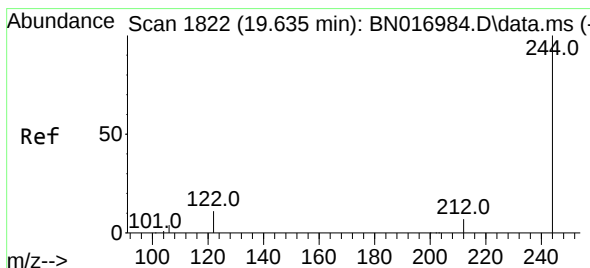
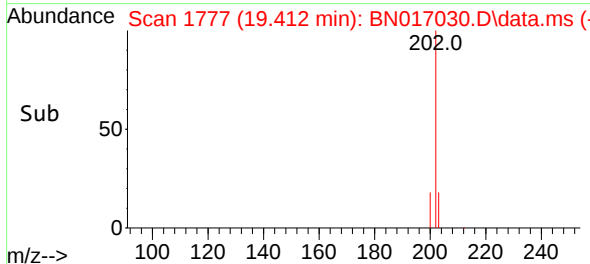
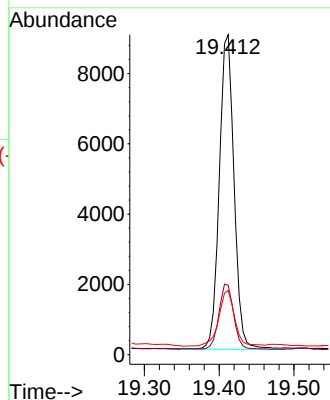
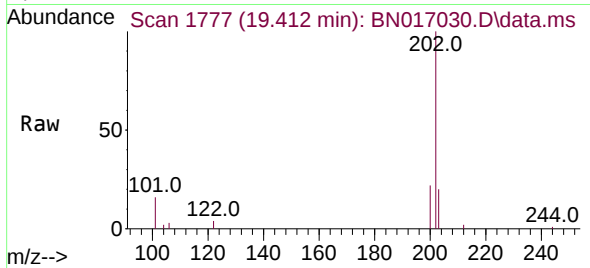




#30
Pyrene
Concen: 0.042 ng
RT: 19.412 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

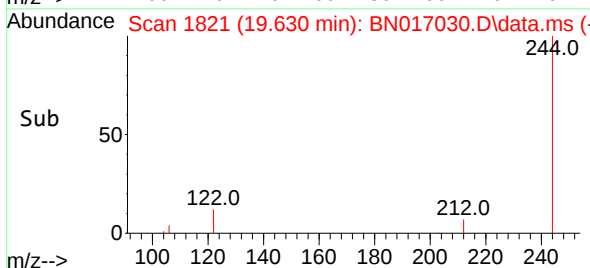
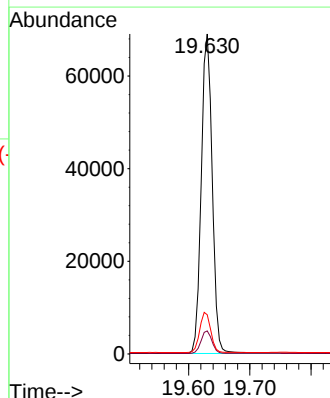
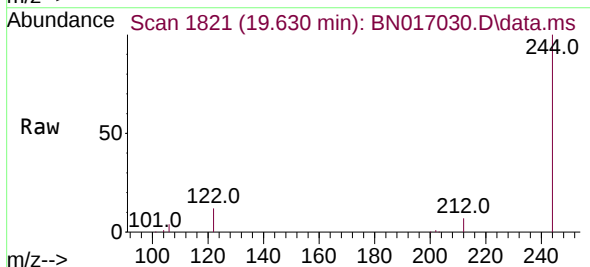
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

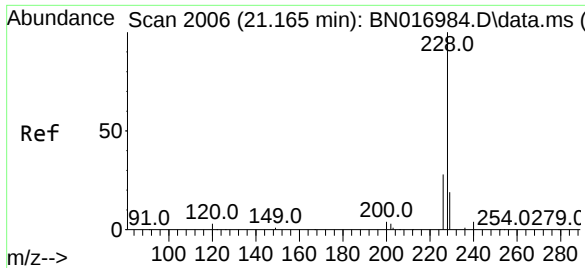
Tgt Ion:202 Resp: 12267
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 19.2 14.0 21.0



#31
Terphenyl-d14
Concen: 0.421 ng
RT: 19.630 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

Tgt Ion:244 Resp: 85936
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 12.2 9.0 13.6

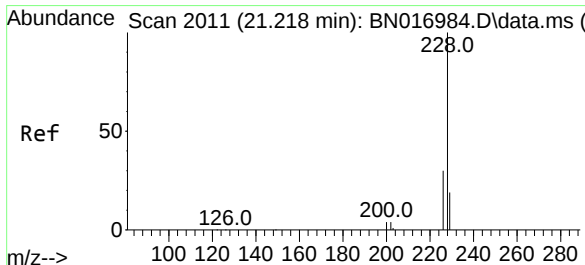
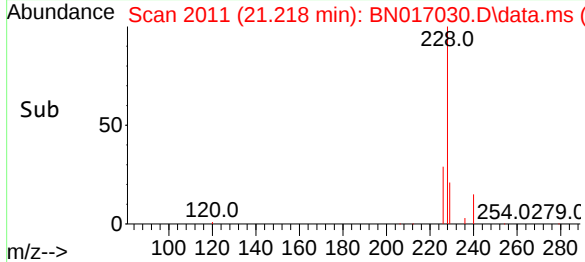
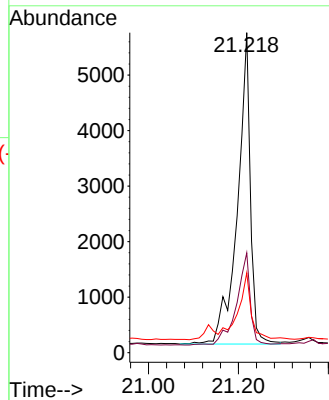
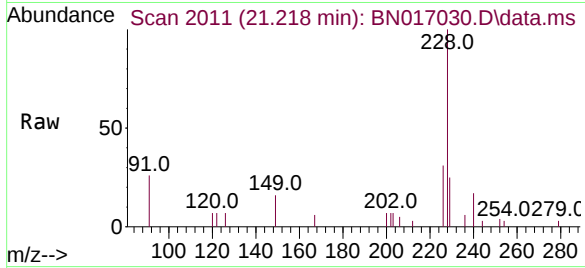




#32
Benzo(a)anthracene
Concen: 0.041 ng
RT: 21.218 min Scan# 2011
Delta R.T. 0.053 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

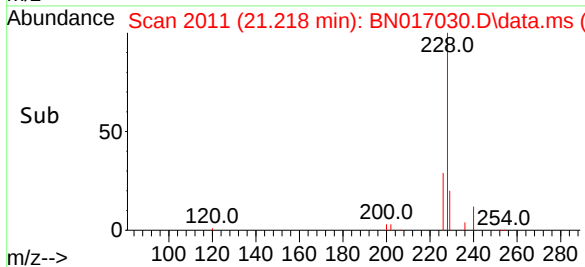
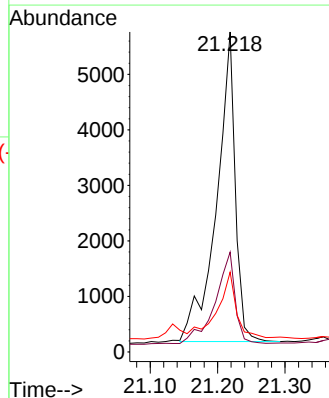
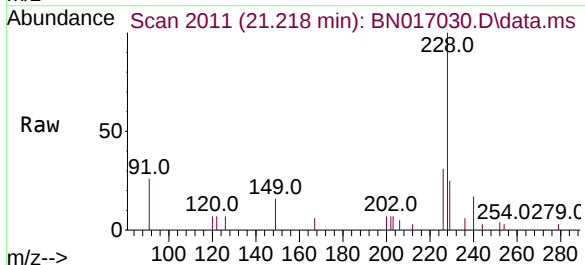
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

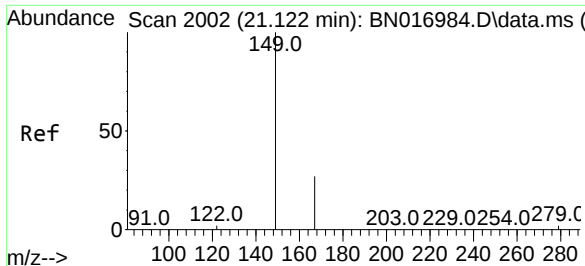
Tgt Ion:228	Resp:	11143
Ion Ratio	Lower	Upper
228	100	
226	31.2	22.3 33.5
229	25.0	15.4 23.0#



#33
Chrysene
Concen: 0.036 ng
RT: 21.218 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BN017030.D
Acq: 20 Oct 2021 21:05

Tgt Ion:228	Resp:	10738
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.2 36.4
229	25.0	15.4 23.2#

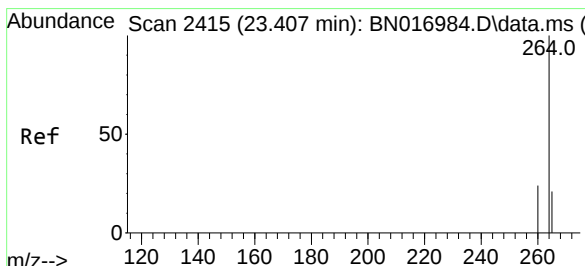
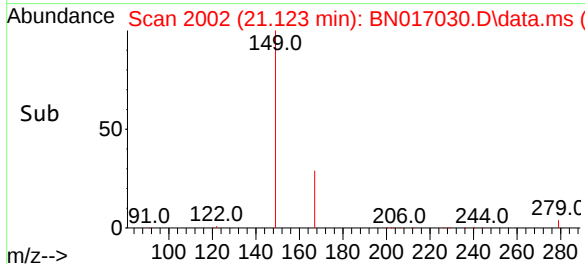
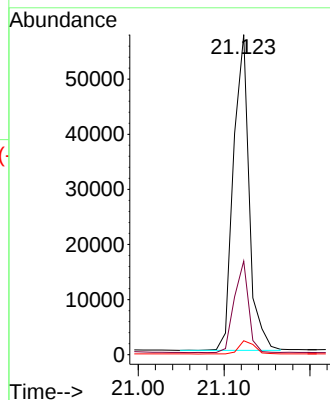
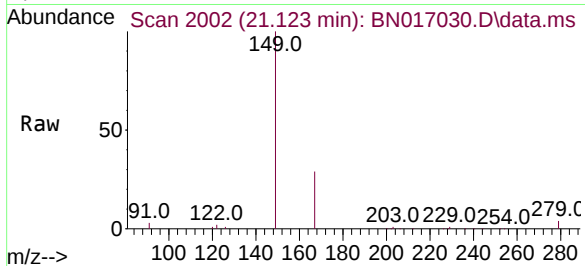




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.618 ng
 RT: 21.123 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: BN017030.D
 Acq: 20 Oct 2021 21:05

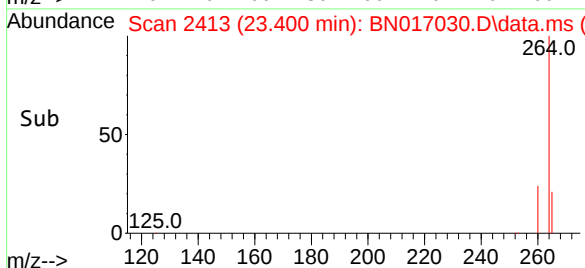
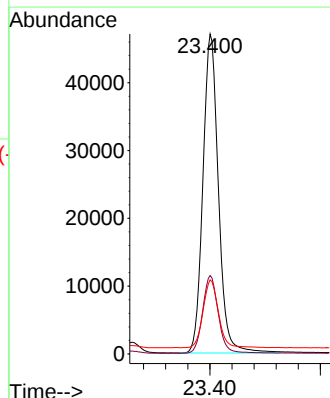
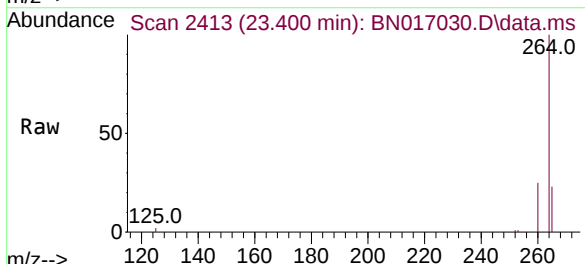
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

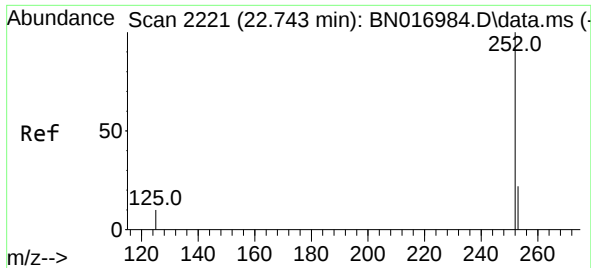
Tgt Ion:	149	Resp:	72785
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.8	32.6
279	4.2	3.4	5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.400 min Scan# 2413
 Delta R.T. -0.003 min
 Lab File: BN017030.D
 Acq: 20 Oct 2021 21:05

Tgt Ion:	264	Resp:	91594
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.7	29.5
265	23.1	18.3	27.5





#37

Benzo(b)fluoranthene

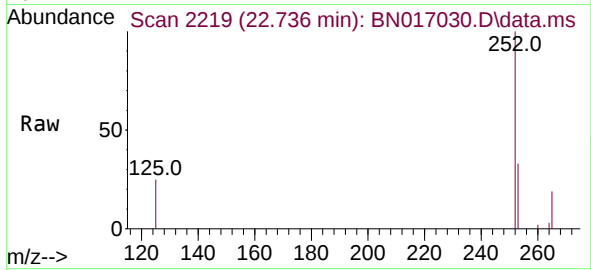
Concen: 0.032 ng

RT: 22.736 min Scan# 2219

Delta R.T. 0.000 min

Lab File: BN017030.D

Acq: 20 Oct 2021 21:05



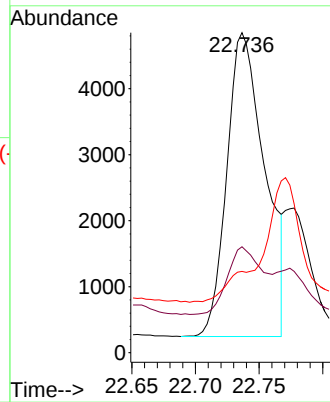
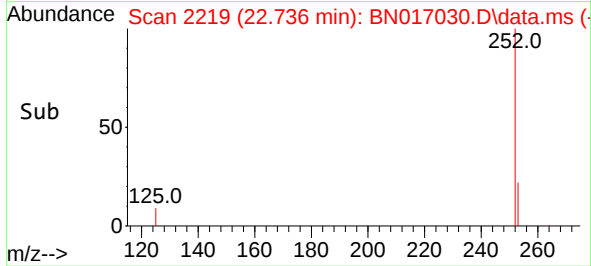
Tgt Ion:252 Resp: 9536

Ion Ratio Lower Upper

252 100

253 33.1 17.7 26.5#

125 25.4 8.0 12.0#



Instrument :

BNA_N

ClientSampleId :

SW-RR-01-(2.0)