

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN017999.D
 Acq On : 14 Dec 2021 12:16
 Operator : CG/JU
 Sample : M4922-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20211130

Quant Time: Dec 15 02:19:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 01:08:04 2021
 Response via : Initial Calibration

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

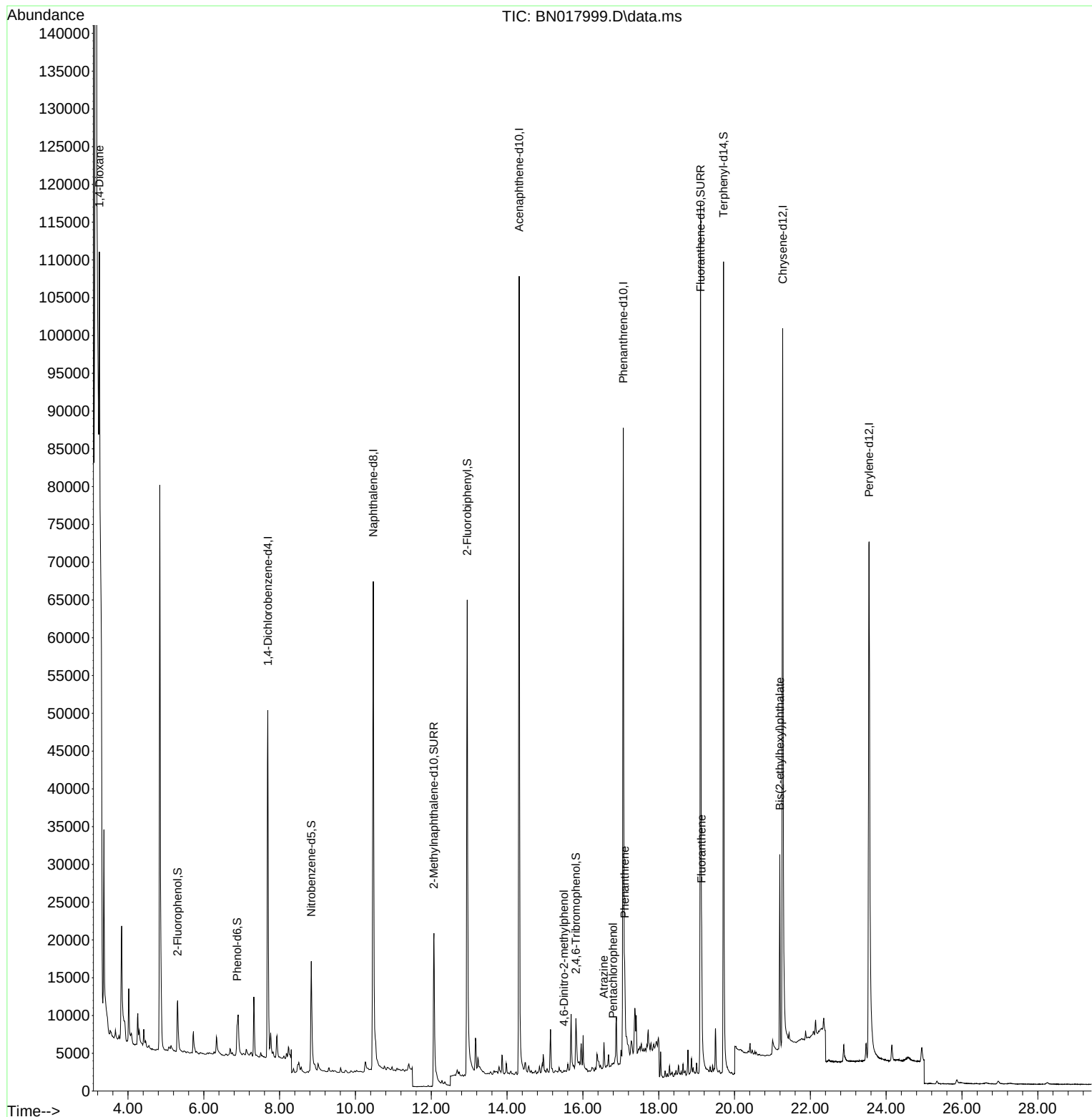
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	26819	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	103464	0.400	ng	0.00
13) Acenaphthene-d10	14.320	164	67152	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	138584	0.400	ng	0.00
29) Chrysene-d12	21.270	240	133092	0.400	ng	0.00
35) Perylene-d12	23.550	264	127698	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	7747	0.133	ng	0.02
5) Phenol-d6	6.877	99	4019	0.069	ng	0.00
8) Nitrobenzene-d5	8.835	82	17267	0.235	ng	0.00
11) 2-Methylnaphthalene-d10	12.070	152	41536	0.242	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	8094	0.379	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	67206	0.287	ng	0.00
27) Fluoranthene-d10	19.103	212	156517	0.338	ng	0.00
31) Terphenyl-d14	19.708	244	129448	0.467	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.244	88	19910	1.191	ng	# 57
20) 4,6-Dinitro-2-methylph...	15.500	198	22	0.209	ng	# 1
23) Atrazine	16.555	200	196	0.083	ng	# 1
24) Pentachlorophenol	16.799	266	87	0.246	ng	# 19
25) Phenanthrene	17.103	178	11194	0.032	ng	97
28) Fluoranthene	19.133	202	10654	0.024	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	23490	0.119	ng	100

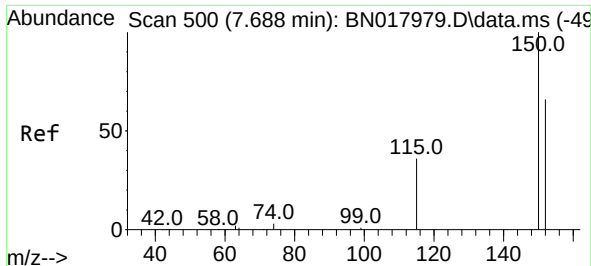
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
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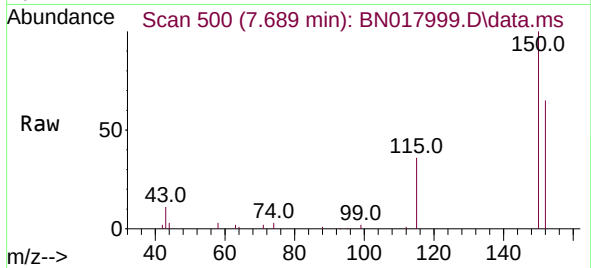
Quant Time: Dec 15 02:19:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
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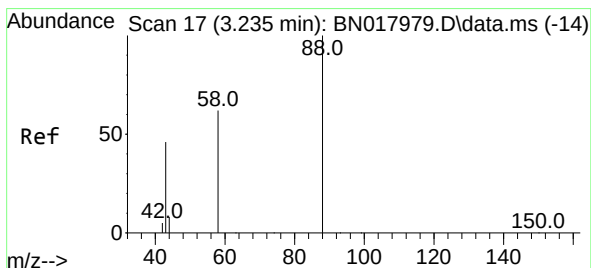
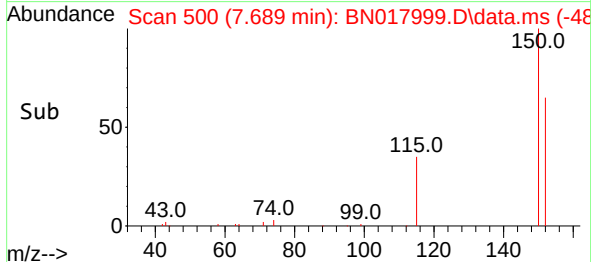
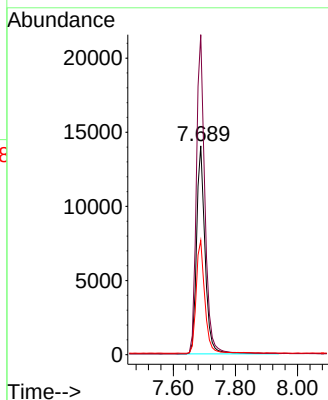


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 50
 Delta R.T. 0.001 min
 Lab File: BN017999.D
 Acq: 14 Dec 2021 12:16

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20211130

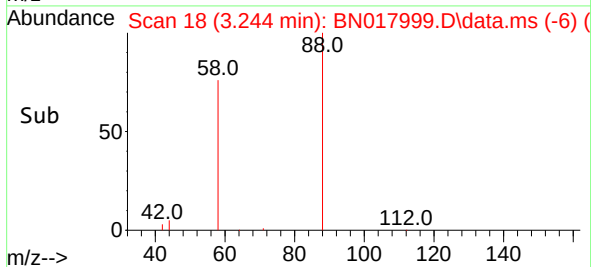
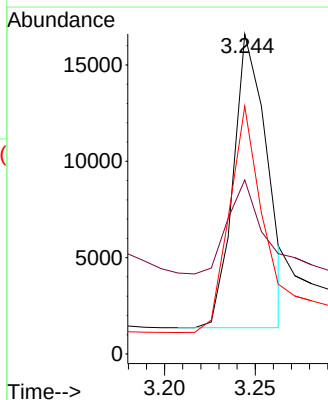
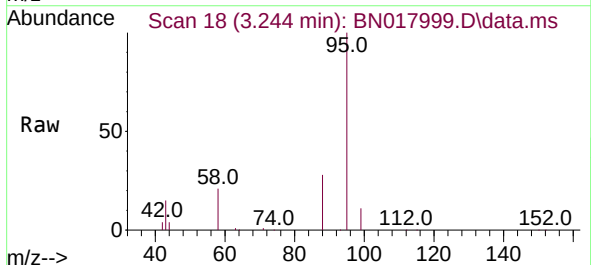


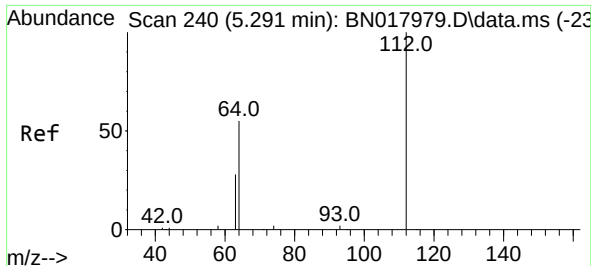
Tgt Ion:152 Resp: 26819
 Ion Ratio Lower Upper
 152 100
 150 153.3 121.7 182.5
 115 54.7 43.8 65.8



#2
 1,4-Dioxane
 Concen: 1.191 ng
 RT: 3.244 min Scan# 18
 Delta R.T. 0.010 min
 Lab File: BN017999.D
 Acq: 14 Dec 2021 12:16

Tgt Ion: 88 Resp: 19910
 Ion Ratio Lower Upper
 88 100
 43 31.5 69.7 104.5#
 58 75.1 83.8 125.8#

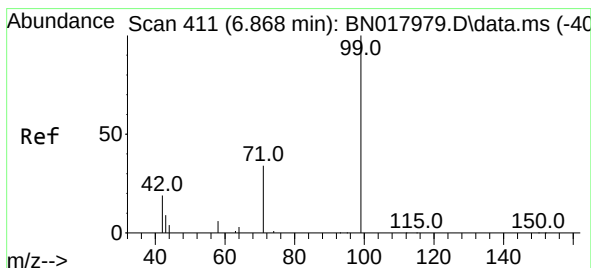
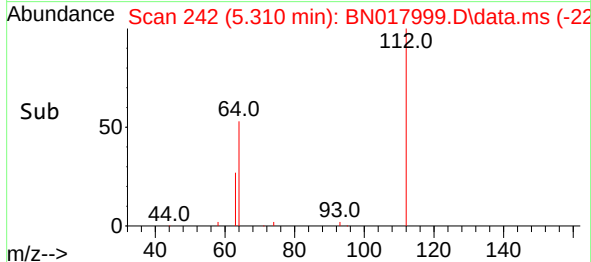
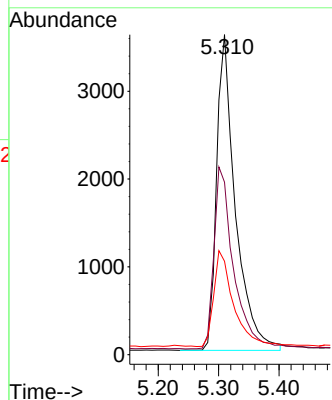
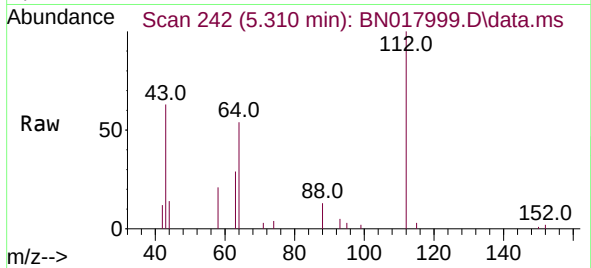




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.310 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

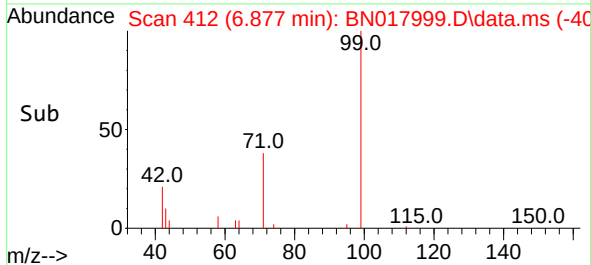
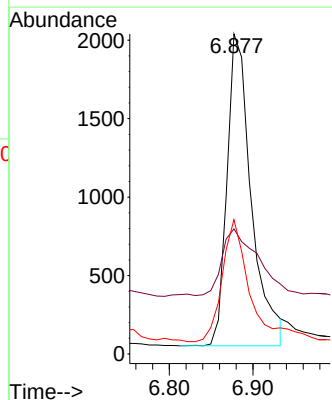
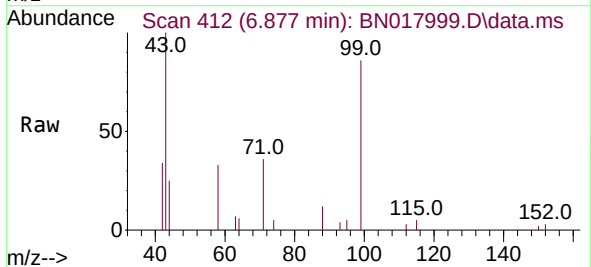
Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130

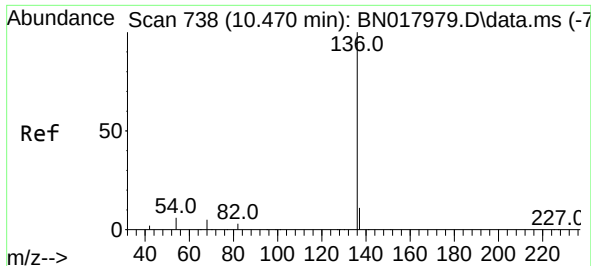
Tgt Ion:112 Resp: 7747
Ion Ratio Lower Upper
112 100
64 59.8 48.0 72.0
63 31.9 25.3 37.9



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.010 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

Tgt Ion: 99 Resp: 4019
Ion Ratio Lower Upper
99 100
42 30.7 16.3 24.5#
71 40.8 26.8 40.2#

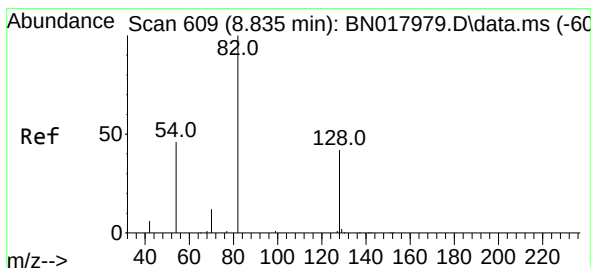
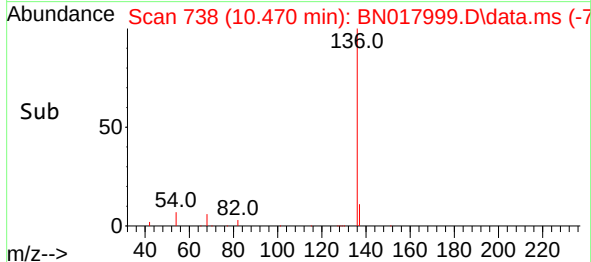
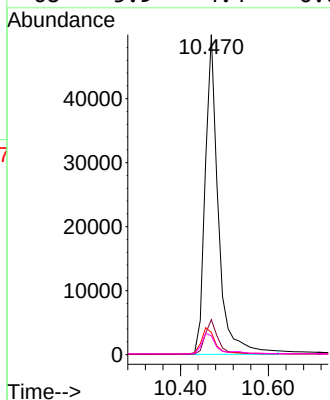
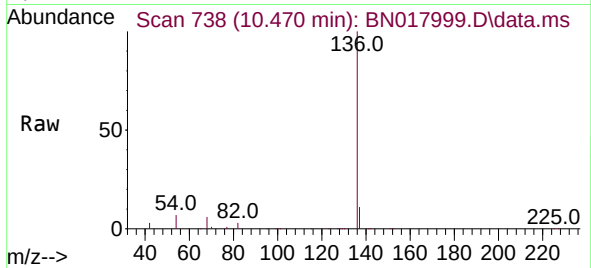




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

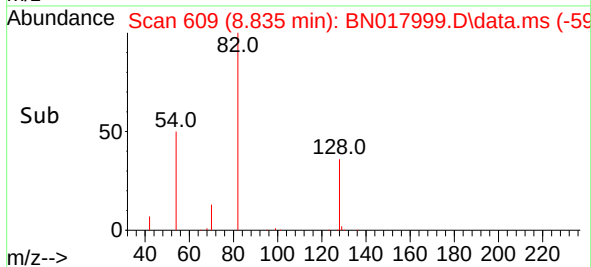
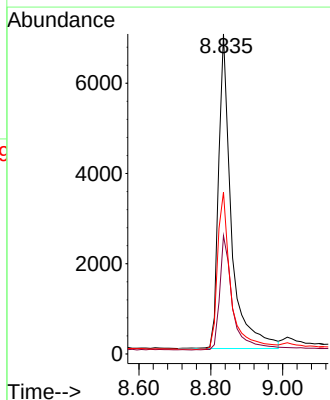
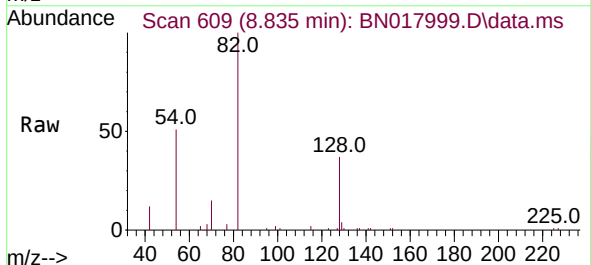
Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130

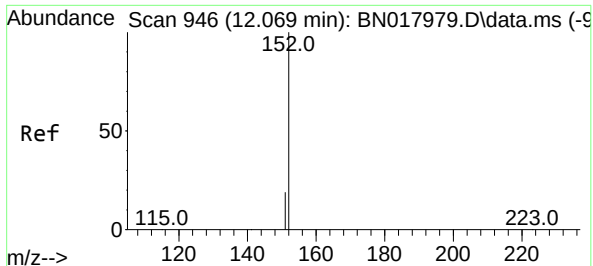
Tgt Ion:	136	Resp:	103464
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.0	5.0	7.6
68	5.9	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

Tgt Ion:	82	Resp:	17267
Ion Ratio	Lower	Upper	
82	100		
128	36.9	33.7	50.5
54	50.6	36.6	55.0





#11

2-Methylnaphthalene-d10

Concen: 0.242 ng

RT: 12.070 min Scan# 946

Delta R.T. 0.000 min

Lab File: BN017999.D

Acq: 14 Dec 2021 12:16

Instrument :

BNA_N

ClientSampleId :

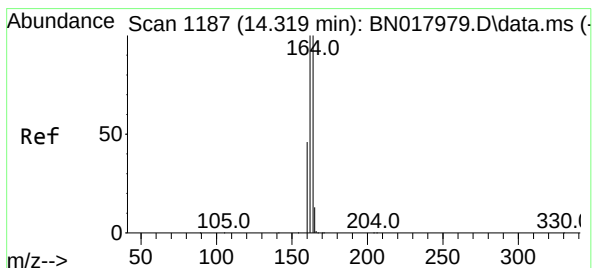
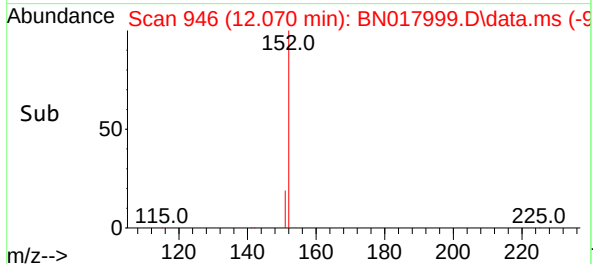
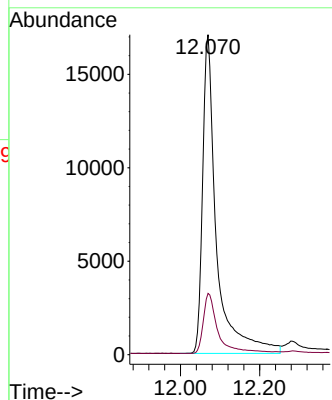
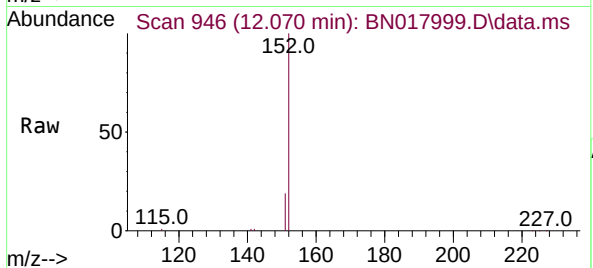
RE139D2-20211130

Tgt Ion:152 Resp: 41536

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.320 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BN017999.D

Acq: 14 Dec 2021 12:16

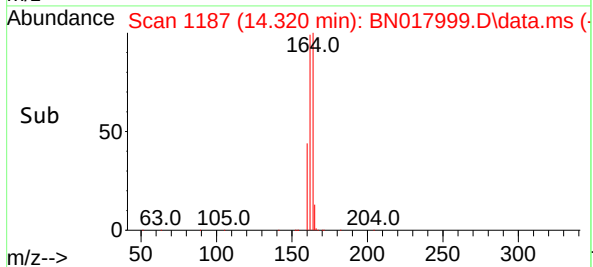
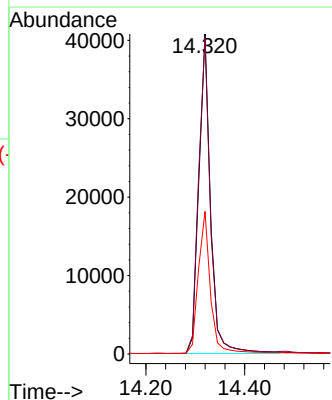
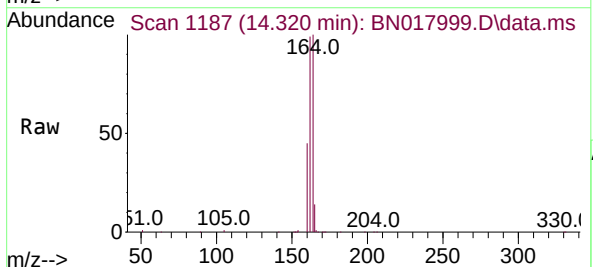
Tgt Ion:164 Resp: 67152

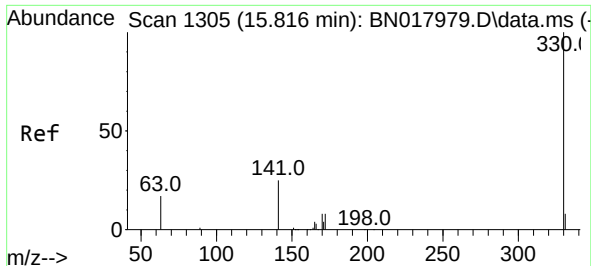
Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.2

160 44.6 36.9 55.3

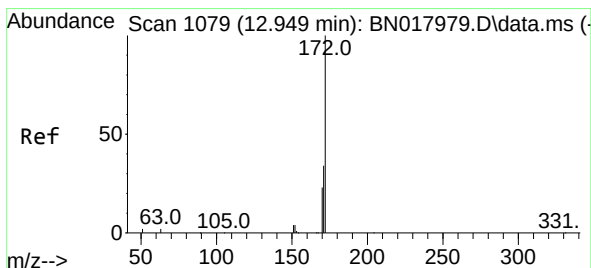
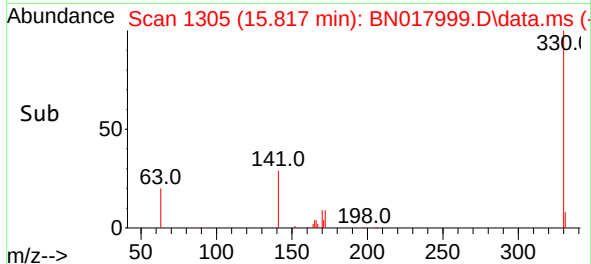
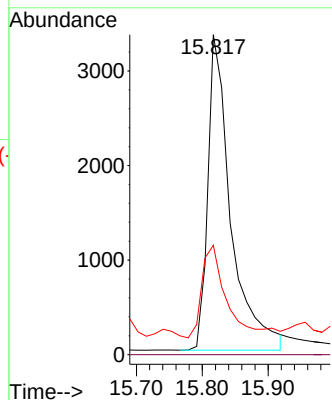
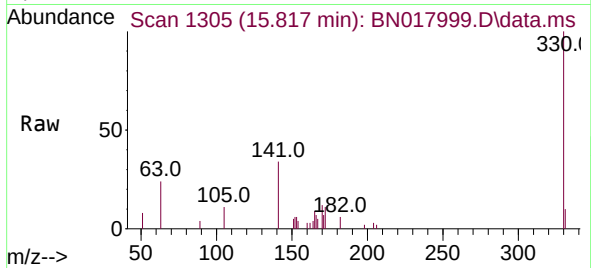




#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.817 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

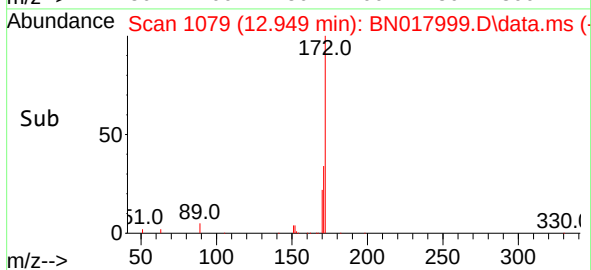
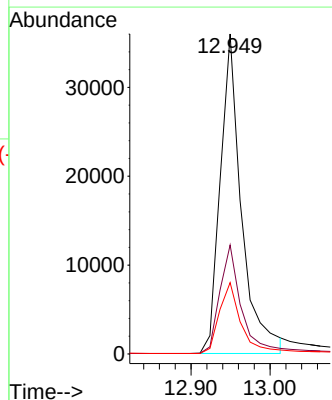
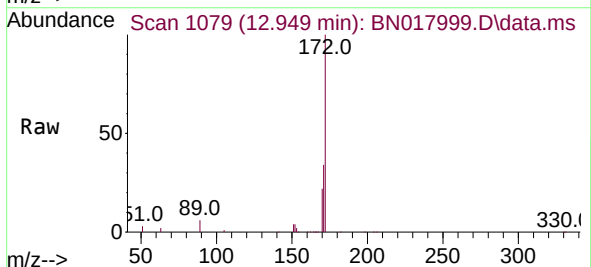
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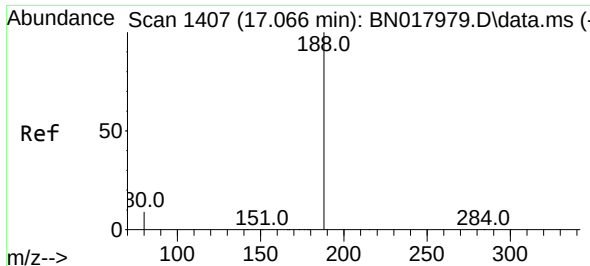
Tgt Ion:330 Resp: 8094
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.5 21.3 31.9#



#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.949 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

Tgt Ion:172 Resp: 67206
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 22.3 18.4 27.6

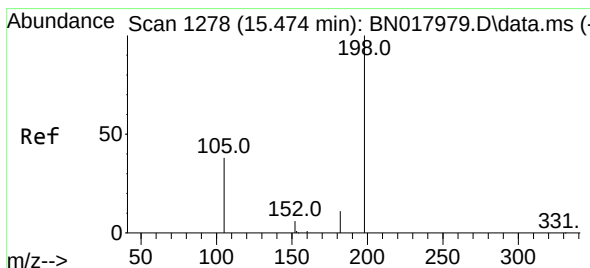
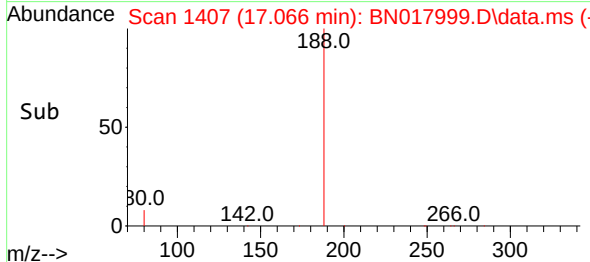
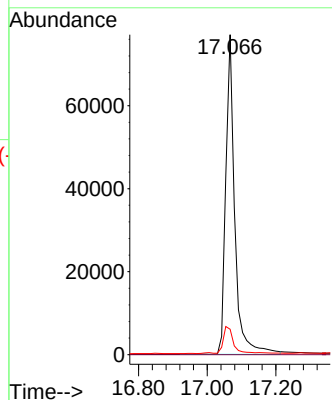
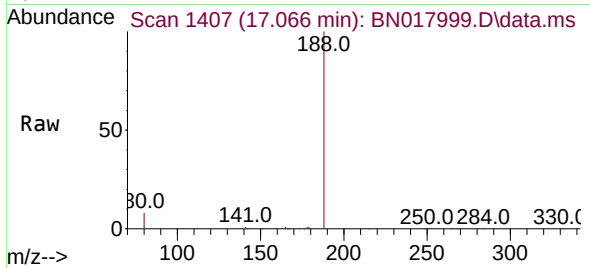




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

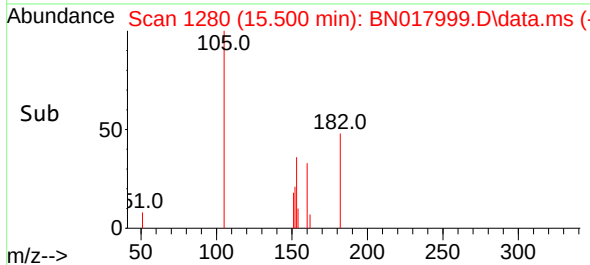
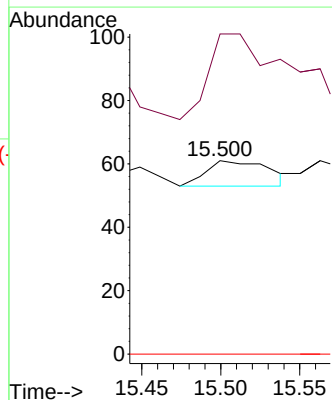
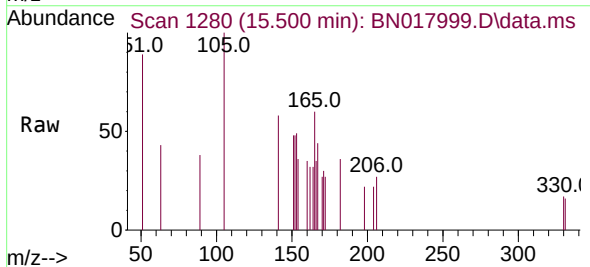
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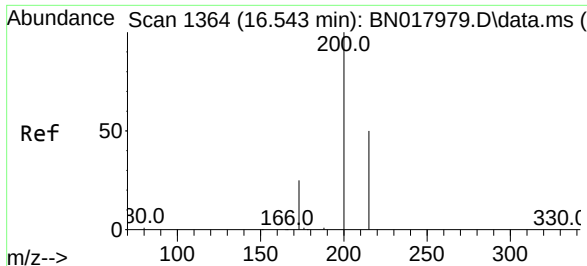
Tgt Ion:188 Resp: 138584
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.209 ng
RT: 15.500 min Scan# 1280
Delta R.T. 0.026 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
182 165.6 15.5 23.3#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.083 ng

RT: 16.555 min Scan# 1365

Delta R.T. 0.012 min

Lab File: BN017999.D

Acq: 14 Dec 2021 12:16

Instrument :

BNA_N

ClientSampleId :

RE139D2-20211130

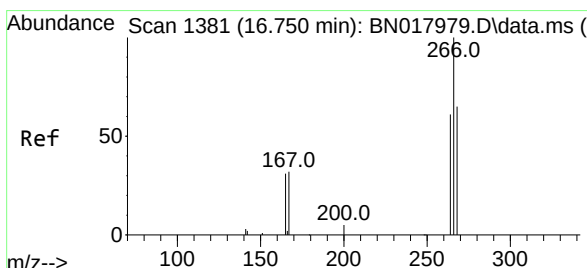
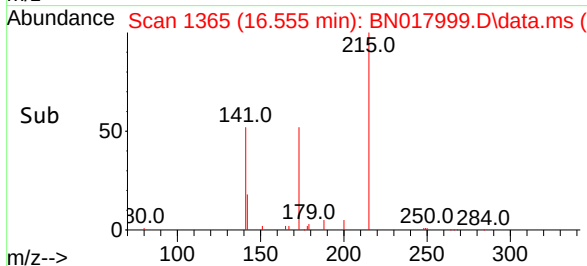
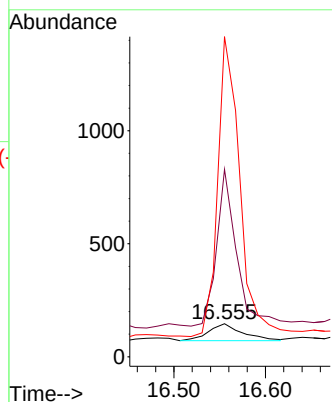
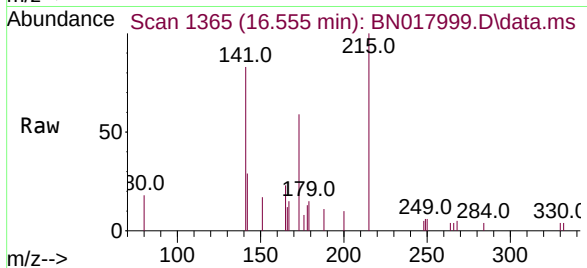
Tgt Ion:200 Resp: 196

Ion Ratio Lower Upper

200 100

173 567.8 20.3 30.5#

215 969.9 40.4 60.6#



#24

Pentachlorophenol

Concen: 0.246 ng

RT: 16.799 min Scan# 1385

Delta R.T. 0.049 min

Lab File: BN017999.D

Acq: 14 Dec 2021 12:16

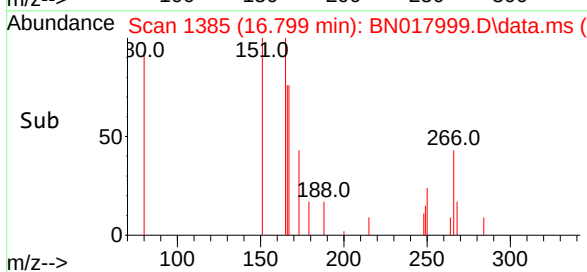
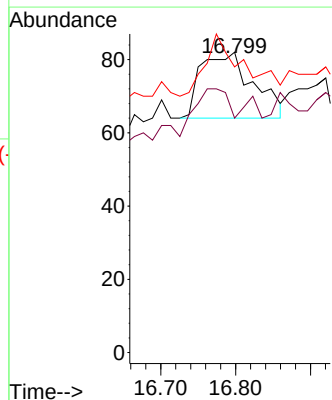
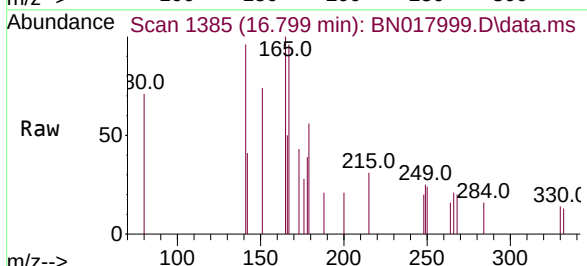
Tgt Ion:266 Resp: 87

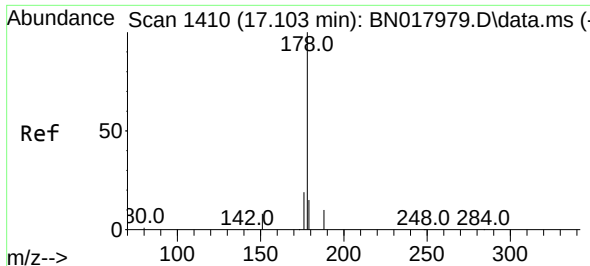
Ion Ratio Lower Upper

266 100

264 0.0 49.5 74.3#

268 0.0 50.6 76.0#

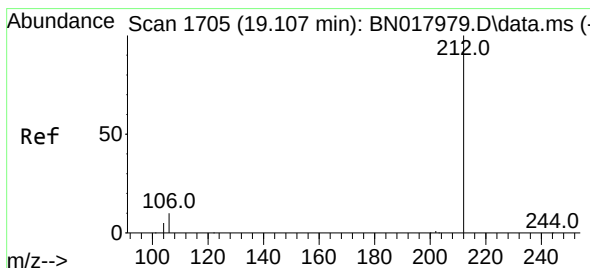
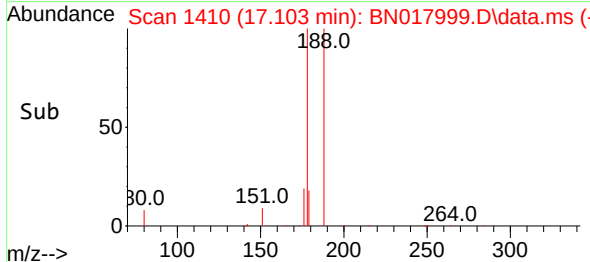
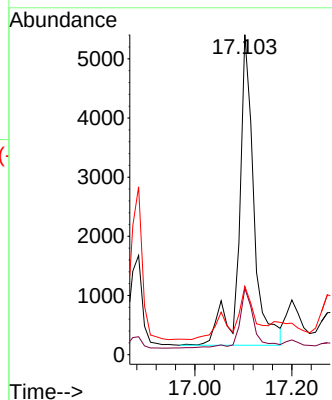
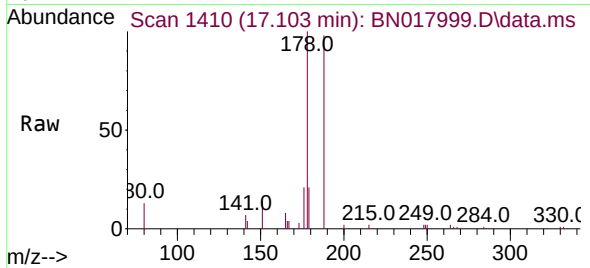




#25
Phenanthrene
Concen: 0.032 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

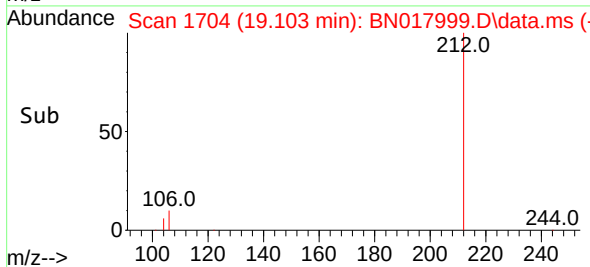
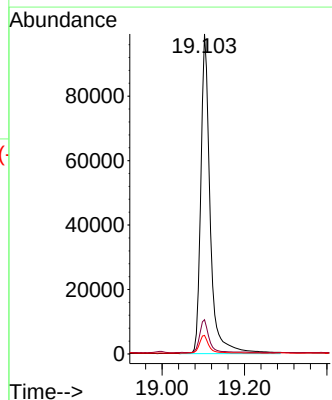
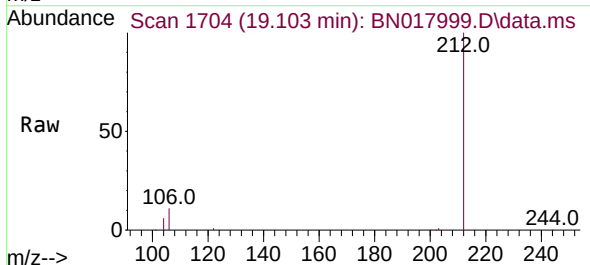
Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130

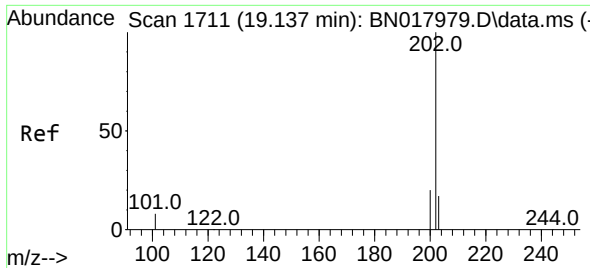
Tgt Ion:	178	Resp:	11194
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.3	22.9
179	12.6	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.103 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

Tgt Ion:	212	Resp:	156517
Ion Ratio	Lower	Upper	
212	100		
106	10.2	8.4	12.6
104	5.9	4.5	6.7

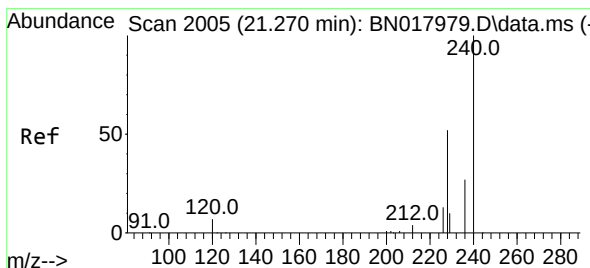
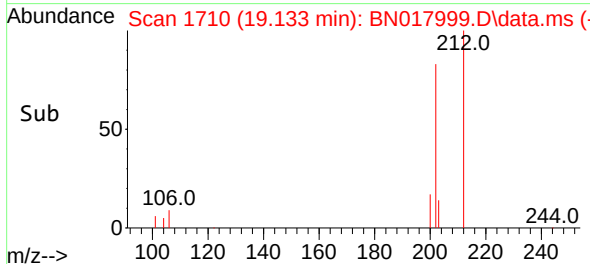
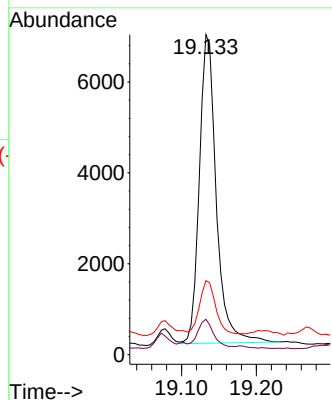
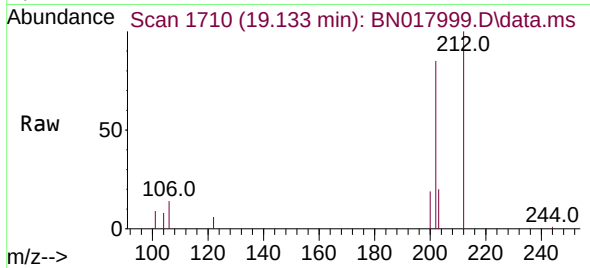




#28
Fluoranthene
Concen: 0.024 ng
RT: 19.133 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

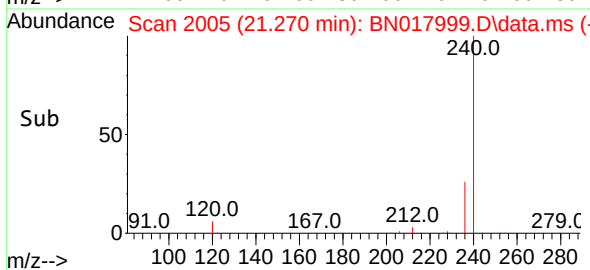
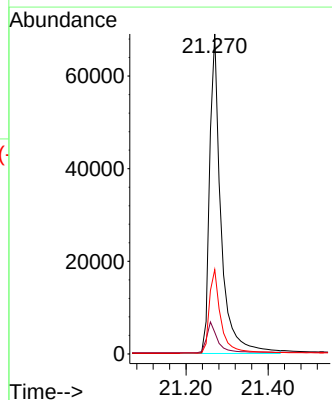
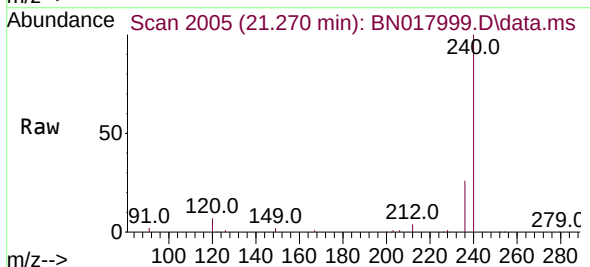
Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130

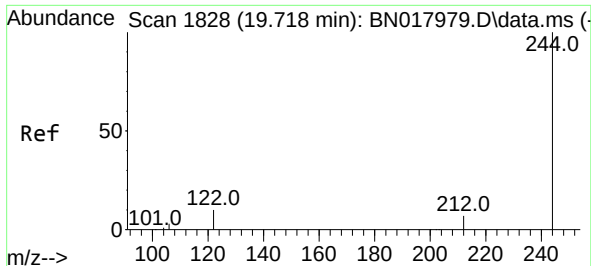
Tgt Ion:202 Resp: 10654
Ion Ratio Lower Upper
202 100
101 8.0 7.2 10.8
203 17.4 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

Tgt Ion:240 Resp: 133092
Ion Ratio Lower Upper
240 100
120 6.8 6.0 9.0
236 26.3 21.4 32.2

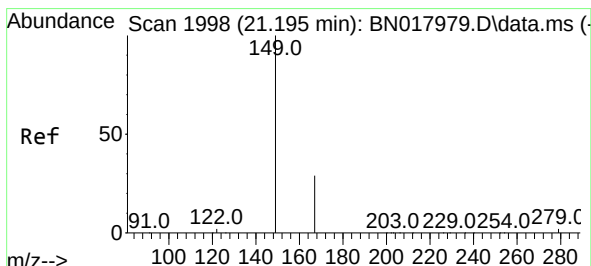
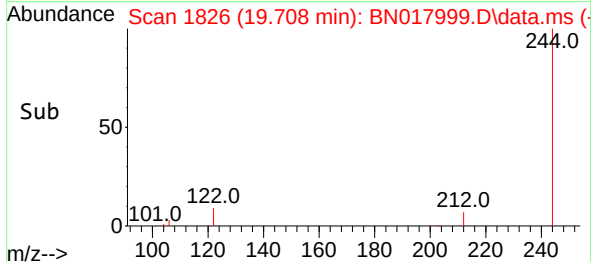
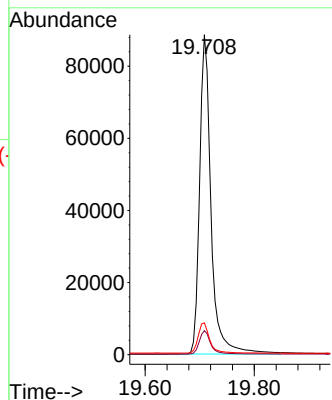
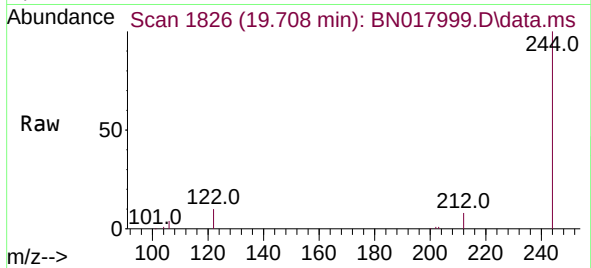




#31
 Terphenyl-d14
 Concen: 0.467 ng
 RT: 19.708 min Scan# 1826
 Delta R.T. -0.010 min
 Lab File: BN017999.D
 Acq: 14 Dec 2021 12:16

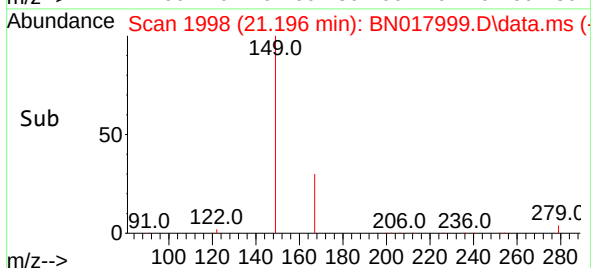
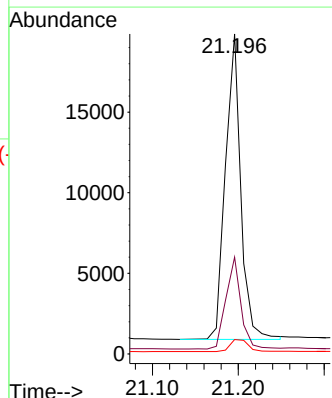
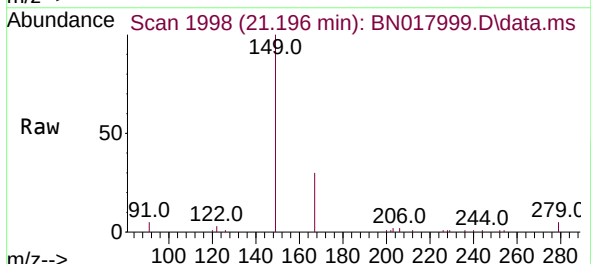
Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20211130

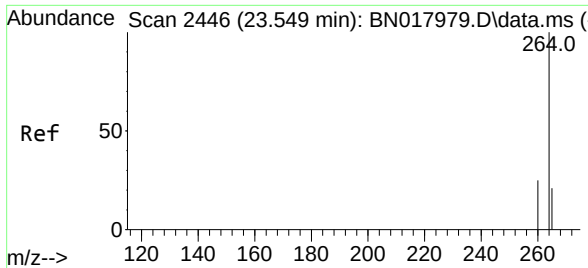
Tgt Ion:244 Resp: 129448
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.0 7.9 11.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.119 ng
 RT: 21.196 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN017999.D
 Acq: 14 Dec 2021 12:16

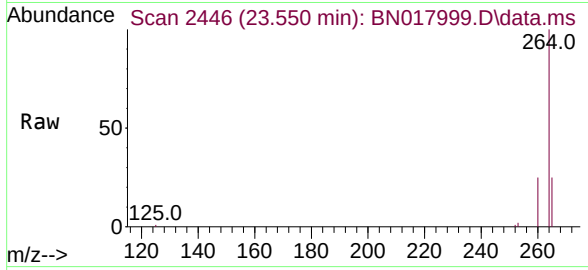
Tgt Ion:149 Resp: 23490
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.7 35.5
 279 4.7 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.550 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN017999.D
 Acq: 14 Dec 2021 12:16

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20211130



Tgt Ion:264 Resp: 127698

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.4
265	24.9	18.2	27.2

