

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121521\
 Data File : BN018020.D
 Acq On : 15 Dec 2021 11:30
 Operator : CG/JU
 Sample : M4956-08DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20211204DL

Quant Time: Dec 16 03:42:54 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)

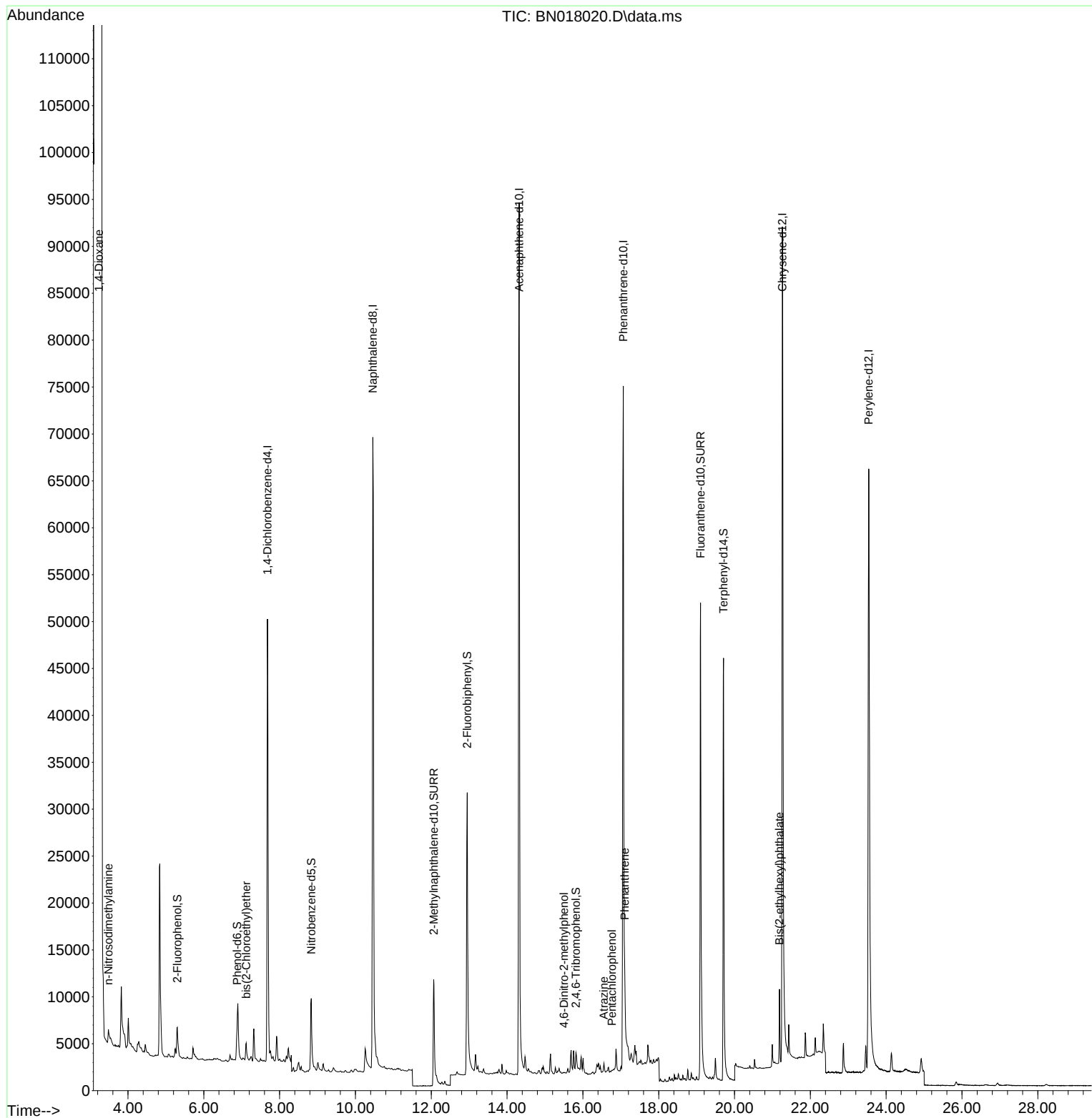
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	28135	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	111661	0.400	ng	#-0.01
13) Acenaphthene-d10	14.319	164	67561	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	140897	0.400	ng	0.00
29) Chrysene-d12	21.259	240	132986	0.400	ng	#-0.01
35) Perylene-d12	23.539	264	122241	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	4189	0.069	ng	0.00
5) Phenol-d6	6.877	99	2571	0.042	ng	0.00
8) Nitrobenzene-d5	8.835	82	9613	0.121	ng	0.00
11) 2-Methylnaphthalene-d10	12.065	152	23201	0.125	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	2670	0.251	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	36727	0.156	ng	0.00
27) Fluoranthene-d10	19.103	212	78640	0.167	ng	0.00
31) Terphenyl-d14	19.708	244	63207	0.228	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.235	88	40622	2.317	ng	# 56
3) n-Nitrosodimethylamine	3.484	42	711	0.027	ng	# 1
6) bis(2-Chloroethyl)ether	7.117	93	1520	0.021	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.499	198	14	0.209	ng	# 1
23) Atrazine	16.555	200	74	0.082	ng	# 1
24) Pentachlorophenol	16.762	266	105	0.247	ng	# 85
25) Phenanthrene	17.103	178	7417	0.021	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.185	149	7107	0.036	ng	# 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121521\
Data File : BN018020.D
Acq On : 15 Dec 2021 11:30
Operator : CG/JU
Sample : M4956-08DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL

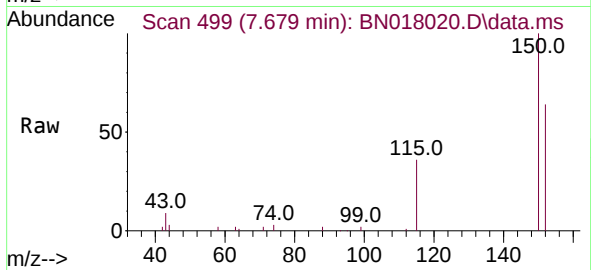
Quant Time: Dec 16 03:42:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 01:08:04 2021
Response via : Initial Calibration



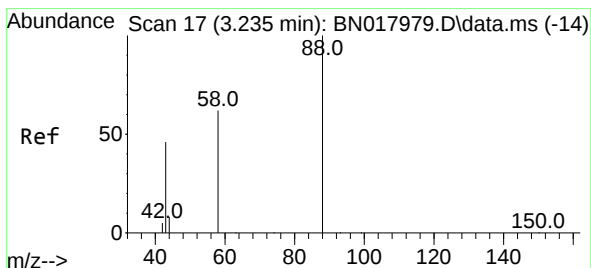
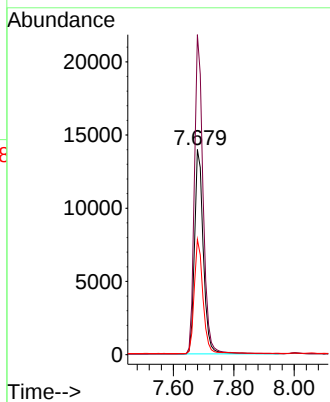
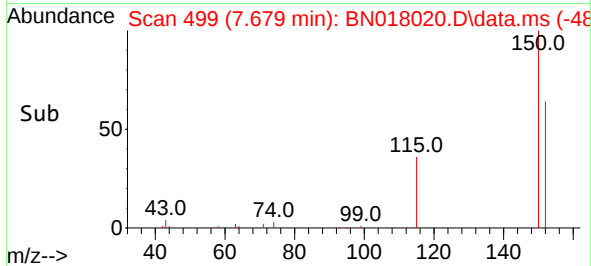


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.679 min Scan# 499
 Delta R.T. -0.009 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20211204DL

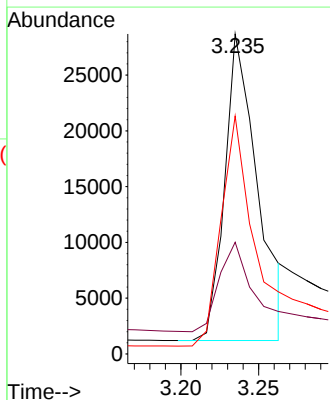
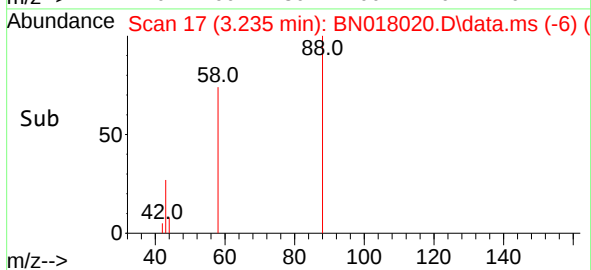
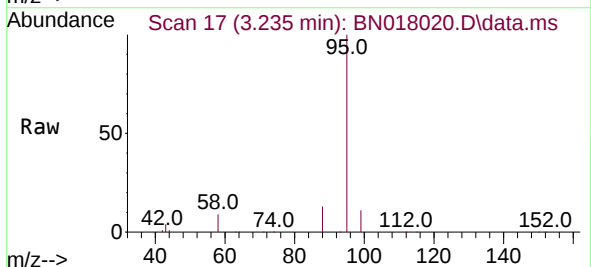


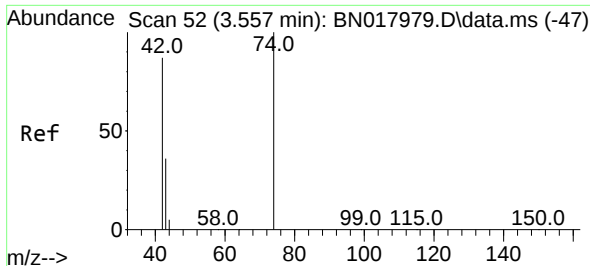
Tgt Ion:152 Resp: 28135
 Ion Ratio Lower Upper
 152 100
 150 156.0 121.7 182.5
 115 56.1 43.8 65.8



#2
 1,4-Dioxane
 Concen: 2.317 ng
 RT: 3.235 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Tgt Ion: 88 Resp: 40622
 Ion Ratio Lower Upper
 88 100
 43 29.9 69.7 104.5#
 58 74.9 83.8 125.8#

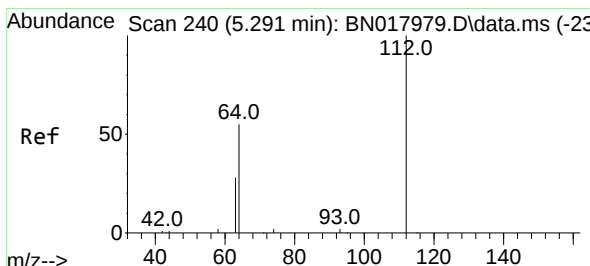
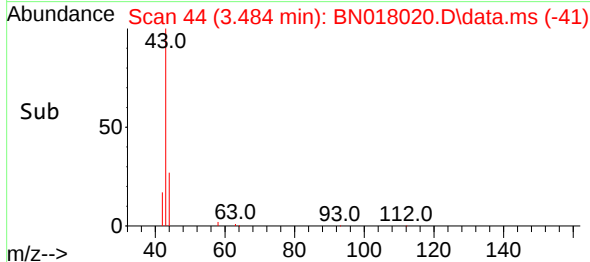
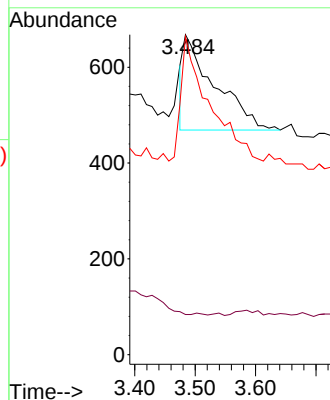
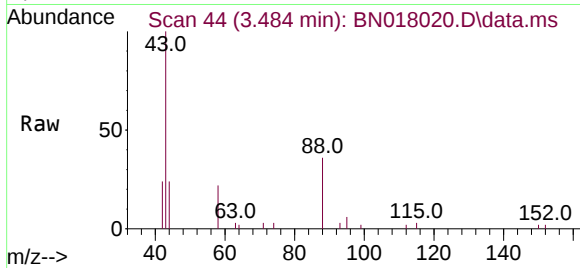




#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.484 min Scan# 44
Delta R.T. -0.074 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

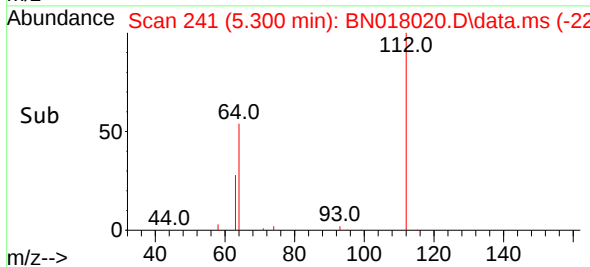
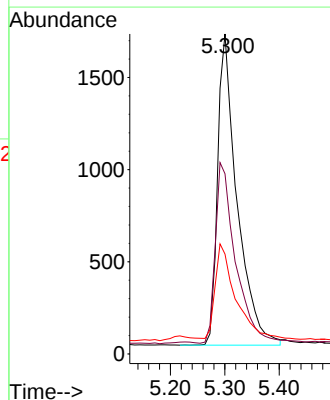
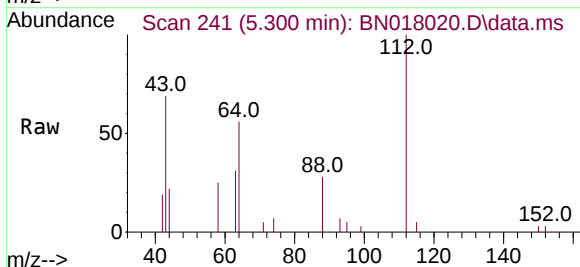
Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL

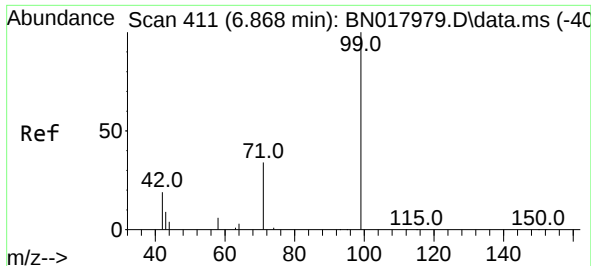
Tgt Ion: 42 Resp: 711
Ion Ratio Lower Upper
42 100
74 0.4 108.6 163.0#
44 108.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.069 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.009 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

Tgt Ion: 112 Resp: 4189
Ion Ratio Lower Upper
112 100
64 60.2 48.0 72.0
63 31.0 25.3 37.9





#5

Phenol-d6

Concen: 0.042 ng

RT: 6.877 min Scan# 411

Delta R.T. 0.009 min

Lab File: BN018020.D

Acq: 15 Dec 2021 11:30

Instrument :

BNA_N

ClientSampleId :

RE137-20211204DL

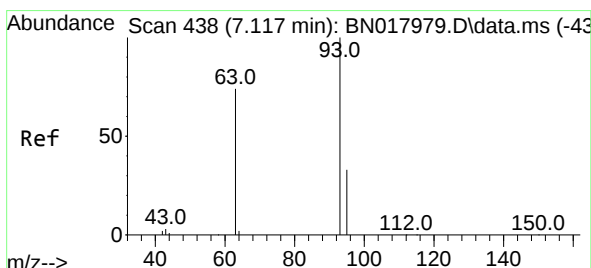
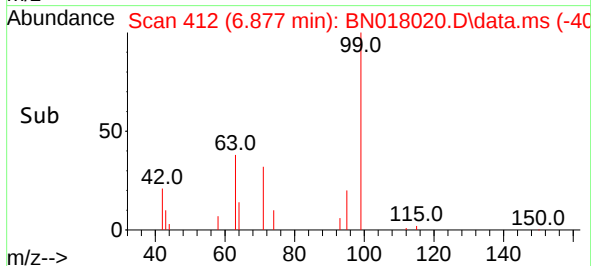
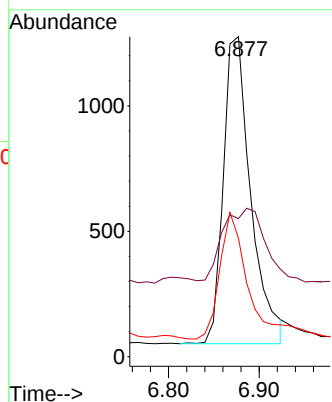
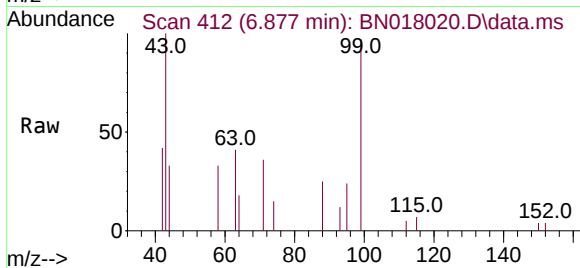
Tgt Ion: 99 Resp: 2571

Ion Ratio Lower Upper

99 100

42 35.3 16.3 24.5#

71 40.6 26.8 40.2#



#6

bis(2-Chloroethyl)ether

Concen: 0.021 ng

RT: 7.117 min Scan# 438

Delta R.T. 0.000 min

Lab File: BN018020.D

Acq: 15 Dec 2021 11:30

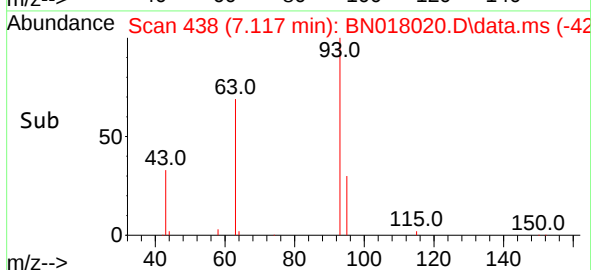
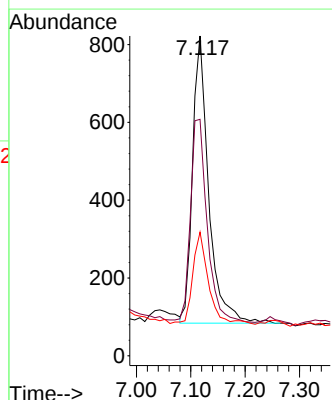
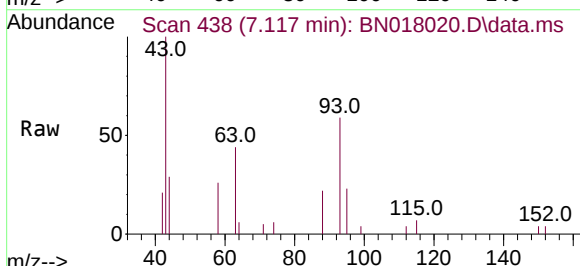
Tgt Ion: 93 Resp: 1520

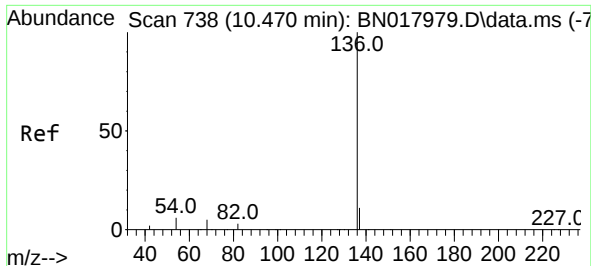
Ion Ratio Lower Upper

93 100

63 73.3 61.7 92.5

95 30.9 26.2 39.4

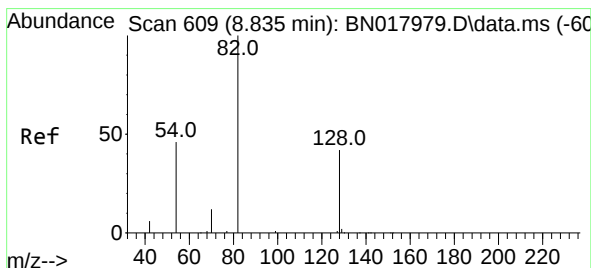
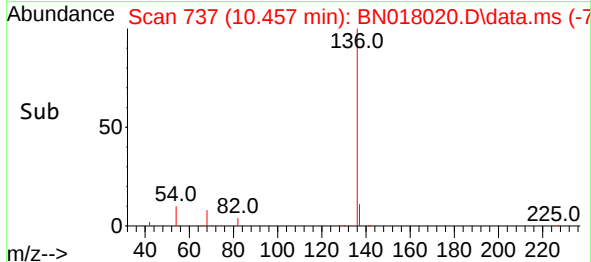
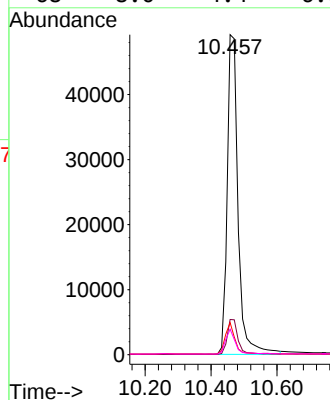
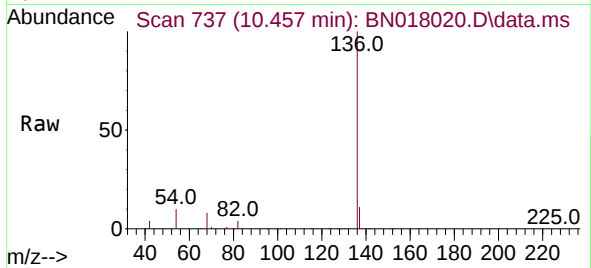




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 71
Delta R.T. -0.012 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

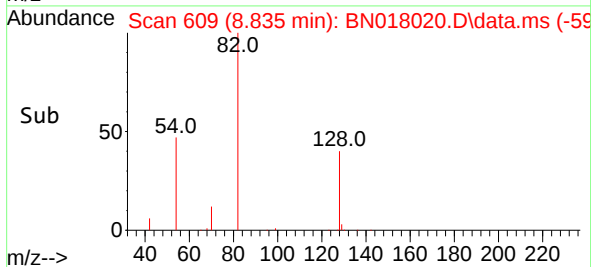
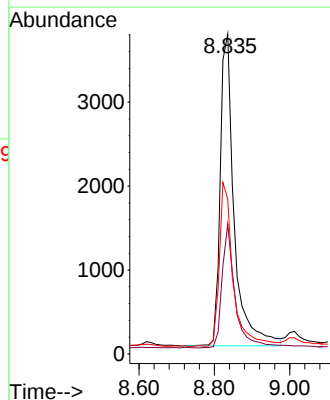
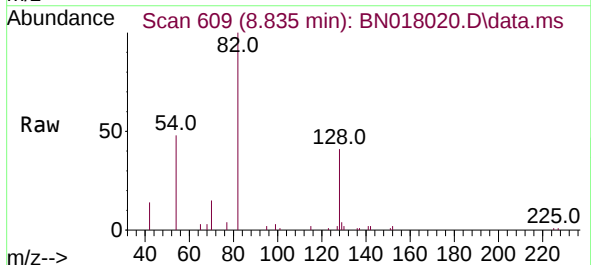
Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL

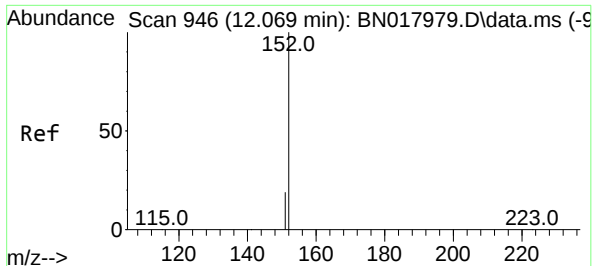
Tgt Ion:	136	Resp:	111661
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	10.0	5.0	7.6#
68	8.0	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.121 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

Tgt Ion:	82	Resp:	9613
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.7	50.5
54	48.4	36.6	55.0

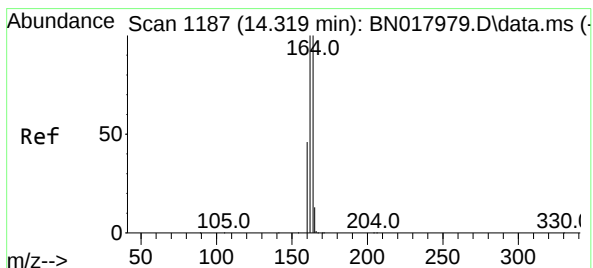
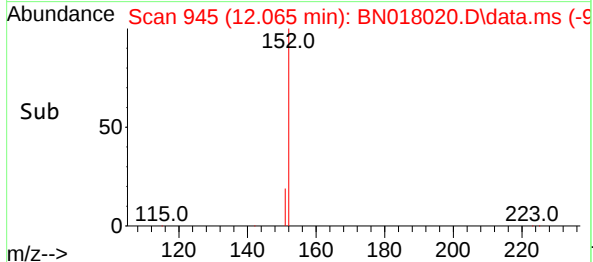
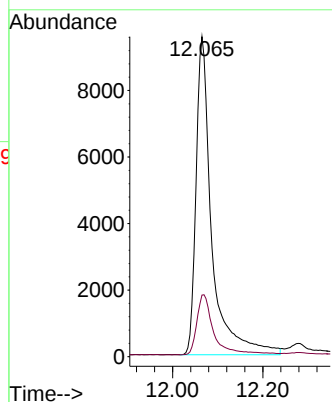
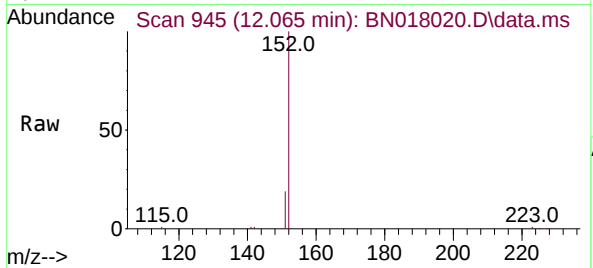




#11
2-Methylnaphthalene-d10
Concen: 0.125 ng
RT: 12.065 min Scan# 946
Delta R.T. -0.004 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

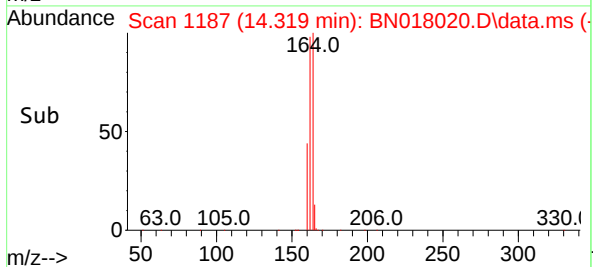
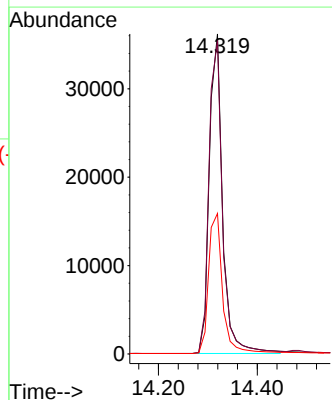
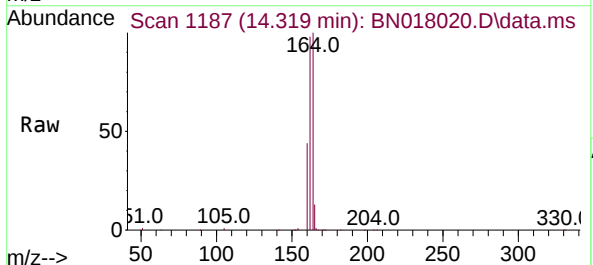
Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL

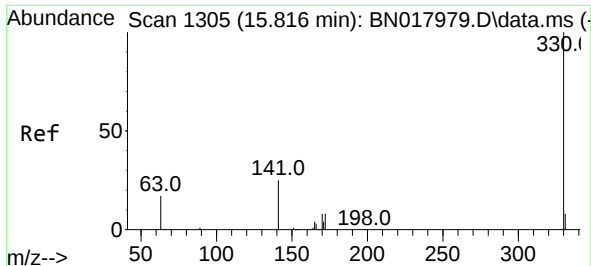
Tgt Ion:152 Resp: 23201
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.319 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

Tgt Ion:164 Resp: 67561
Ion Ratio Lower Upper
164 100
162 97.9 80.2 120.2
160 43.9 36.9 55.3





#14

2,4,6-Tribromophenol

Concen: 0.251 ng

RT: 15.817 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN018020.D

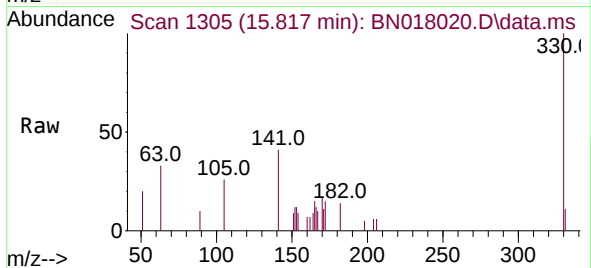
Acq: 15 Dec 2021 11:30

Instrument :

BNA_N

ClientSampleId :

RE137-20211204DL



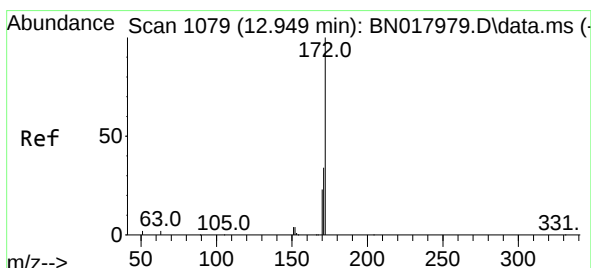
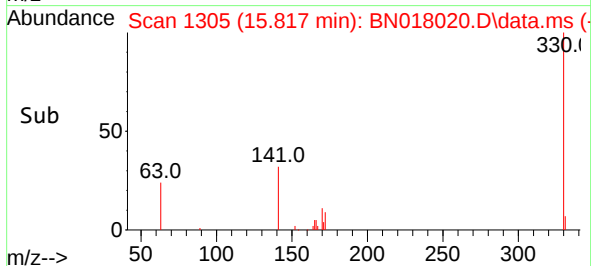
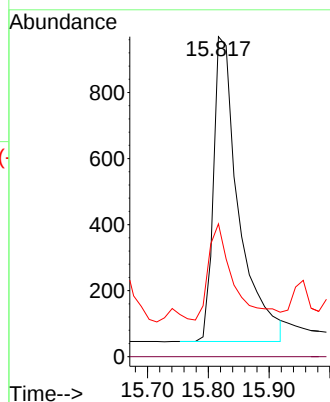
Tgt Ion:330 Resp: 2670

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.3 21.3 31.9



#15

2-Fluorobiphenyl

Concen: 0.156 ng

RT: 12.949 min Scan# 1079

Delta R.T. 0.000 min

Lab File: BN018020.D

Acq: 15 Dec 2021 11:30

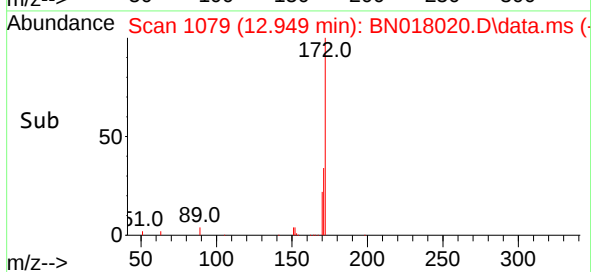
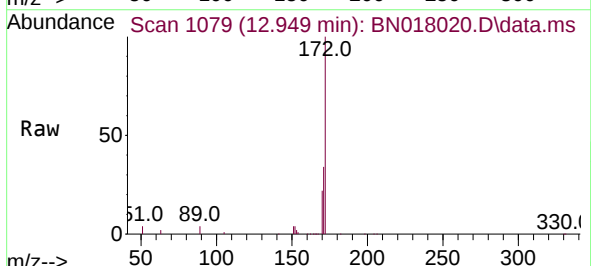
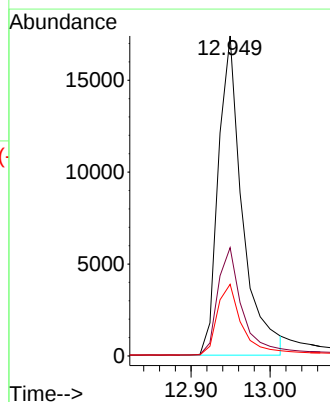
Tgt Ion:172 Resp: 36727

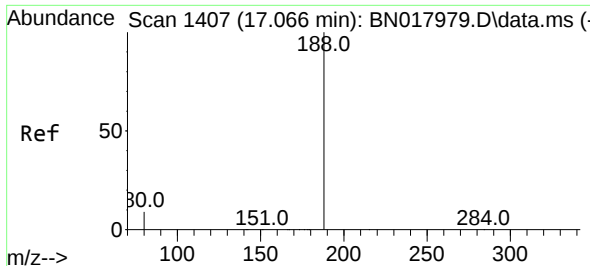
Ion Ratio Lower Upper

172 100

171 33.8 27.4 41.0

170 22.4 18.4 27.6

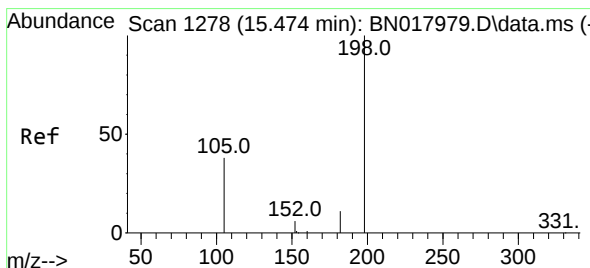
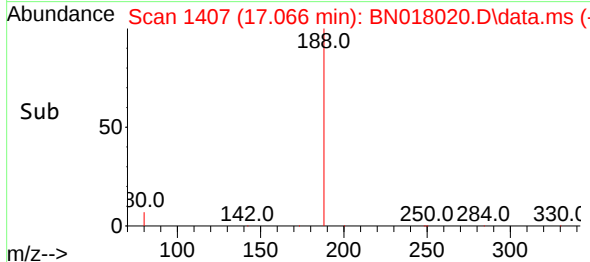
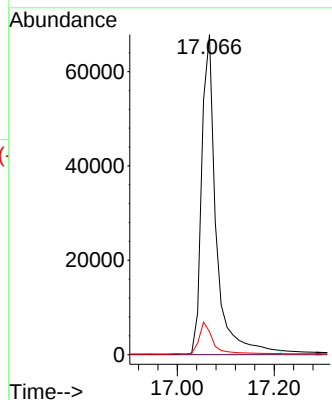
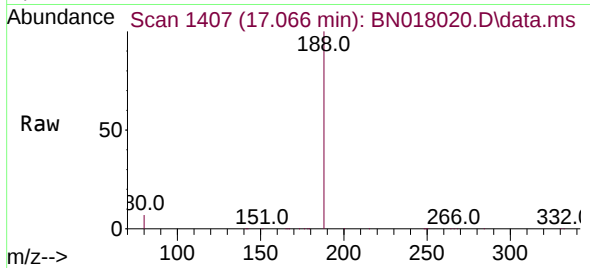




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

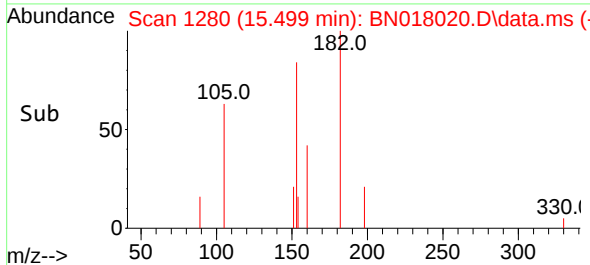
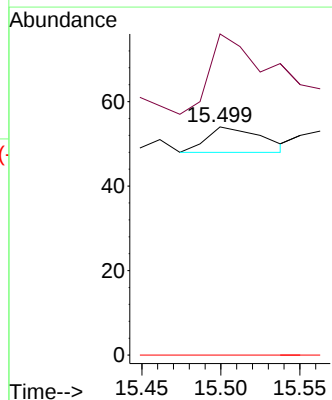
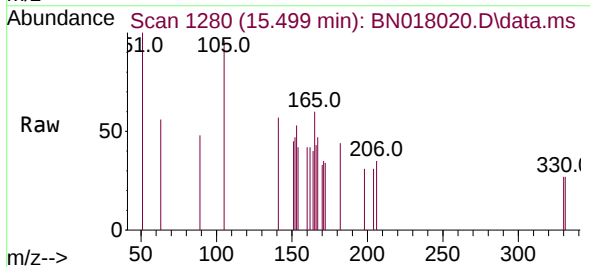
Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL

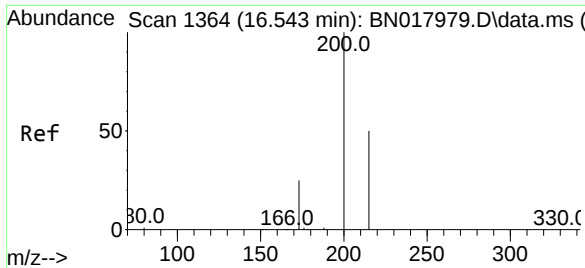
Tgt Ion:188 Resp: 140897
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.209 ng
RT: 15.499 min Scan# 1280
Delta R.T. 0.025 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 140.7 15.5 23.3#
77 0.0 0.0 0.0

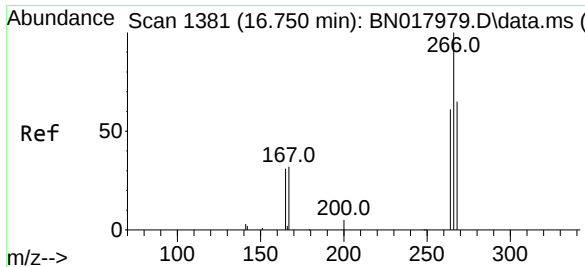
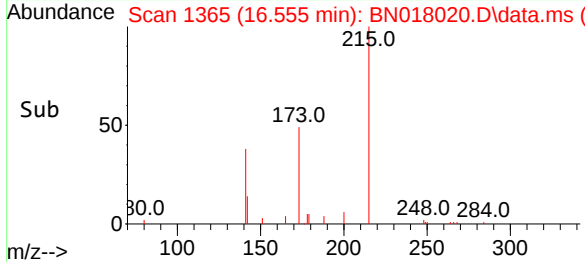
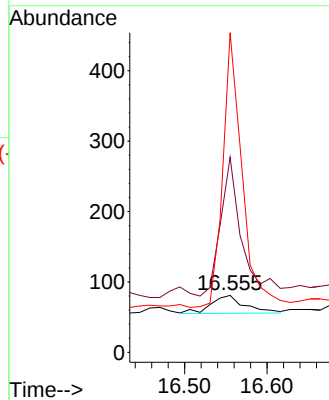
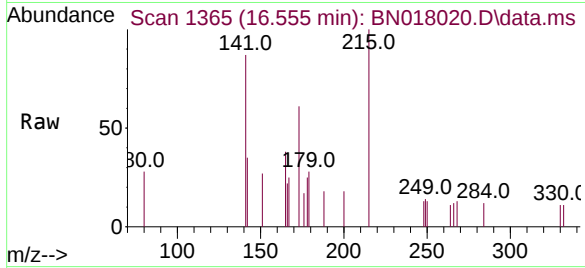




#23
 Atrazine
 Concen: 0.082 ng
 RT: 16.555 min Scan# 1365
 Delta R.T. 0.012 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

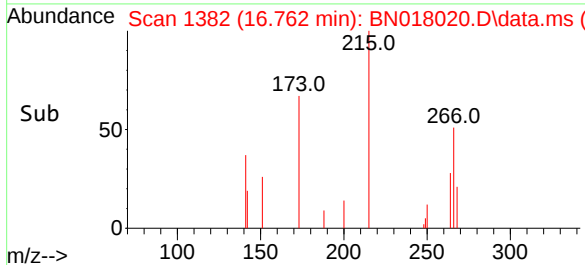
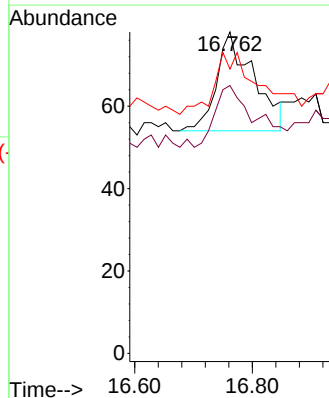
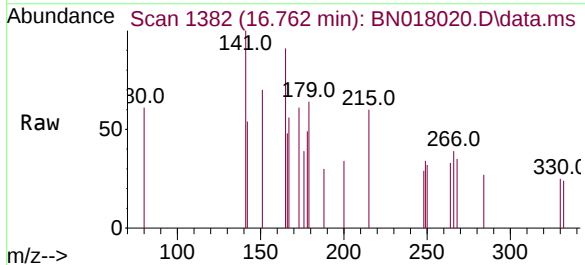
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20211204DL

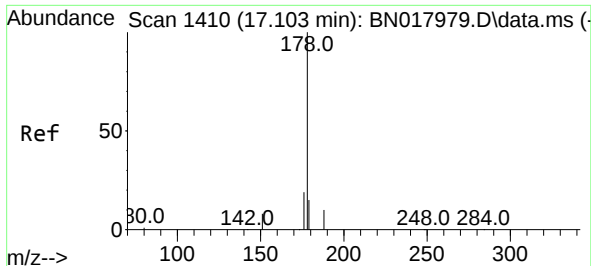
Tgt Ion:200 Resp: 74
 Ion Ratio Lower Upper
 200 100
 173 342.0 20.3 30.5#
 215 560.5 40.4 60.6#



#24
 Pentachlorophenol
 Concen: 0.247 ng
 RT: 16.762 min Scan# 1382
 Delta R.T. 0.012 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Tgt Ion:266 Resp: 105
 Ion Ratio Lower Upper
 266 100
 264 70.5 49.5 74.3
 268 77.1 50.6 76.0#

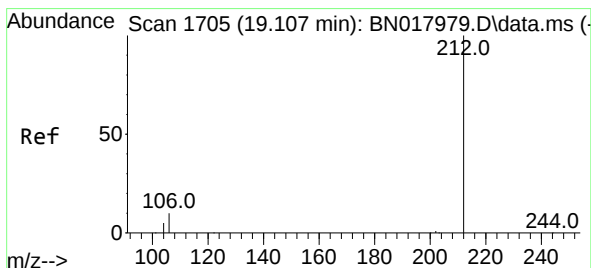
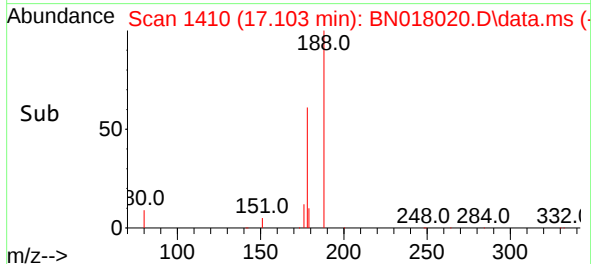
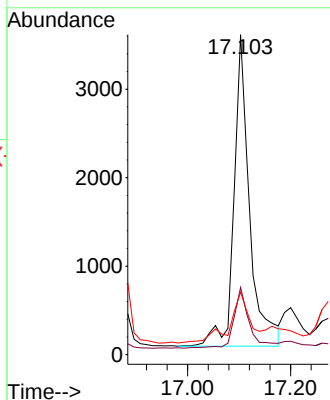
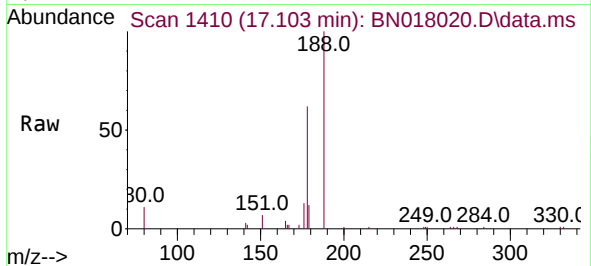




#25
Phenanthrene
Concen: 0.021 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

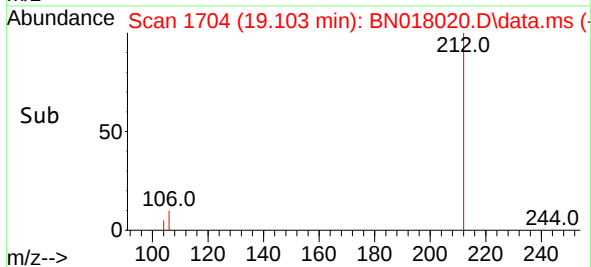
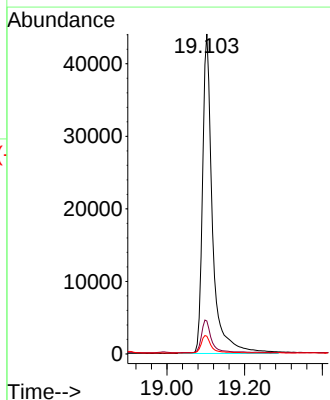
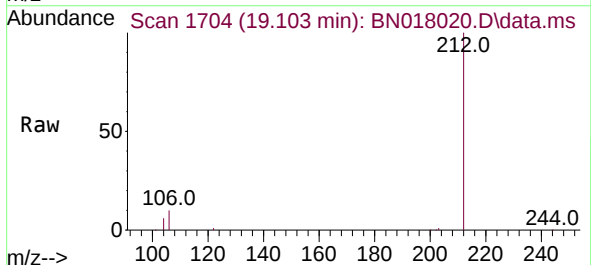
Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL

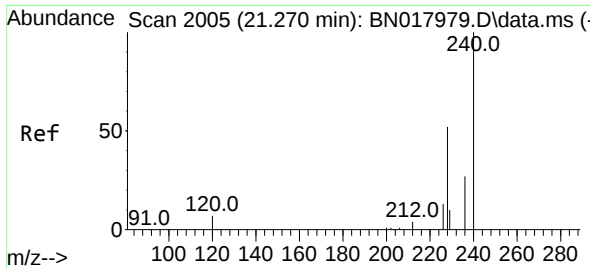
Tgt Ion:	178	Resp:	7417
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.3	22.9
179	20.4	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.167 ng
RT: 19.103 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

Tgt Ion:	212	Resp:	78640
Ion Ratio	Lower	Upper	
212	100		
106	10.2	8.4	12.6
104	5.9	4.5	6.7

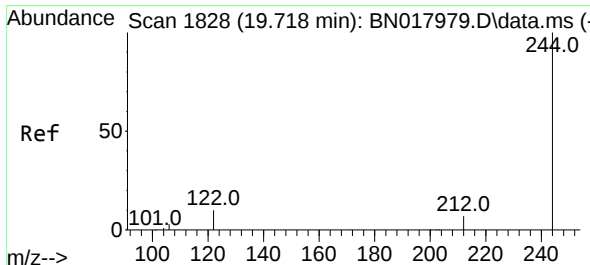
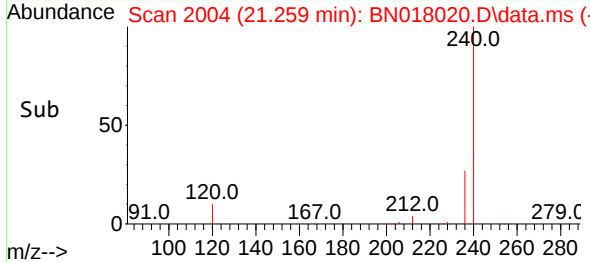
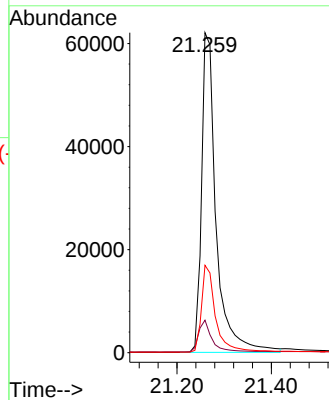
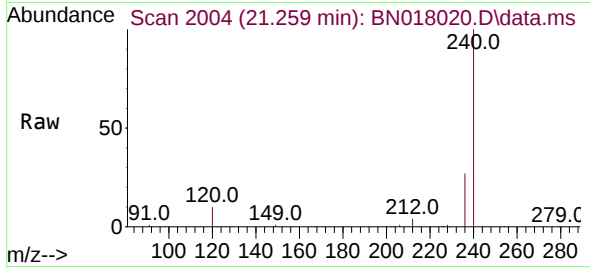




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.010 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

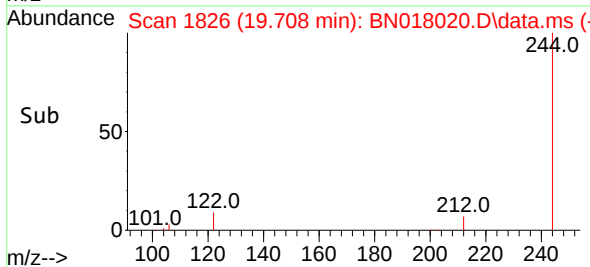
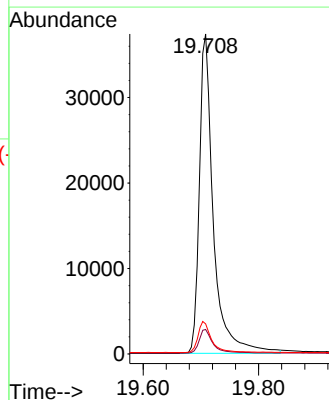
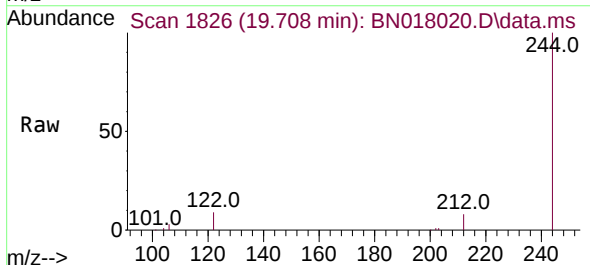
Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL

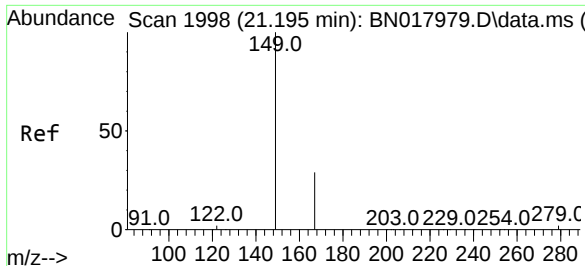
Tgt Ion:240 Resp: 132986
Ion Ratio Lower Upper
240 100
120 10.2 6.0 9.0#
236 27.3 21.4 32.2



#31
Terphenyl-d14
Concen: 0.228 ng
RT: 19.708 min Scan# 1826
Delta R.T. -0.010 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

Tgt Ion:244 Resp: 63207
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.4 7.9 11.9

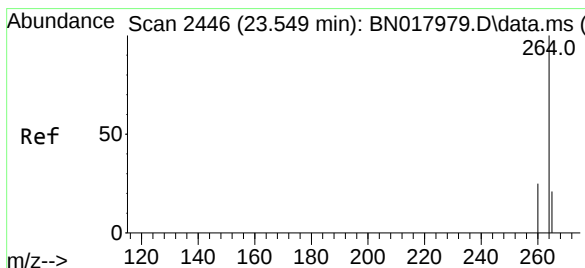
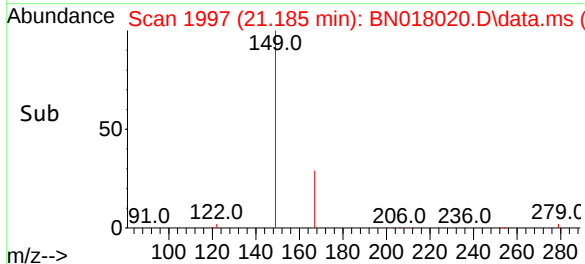
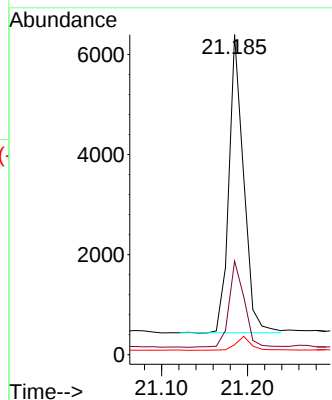
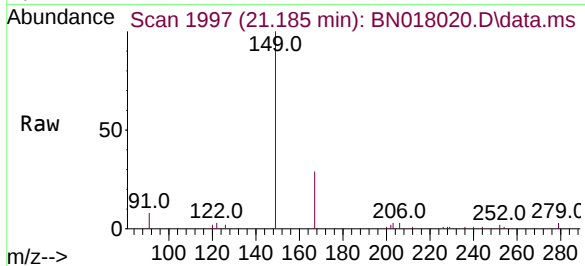




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.036 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL

Tgt Ion:149 Resp: 7107
Ion Ratio Lower Upper
149 100
167 29.9 23.7 35.5
279 5.0 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.539 min Scan# 2443
Delta R.T. -0.010 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

Tgt Ion:264 Resp: 122241
Ion Ratio Lower Upper
264 100
260 25.4 20.2 30.4
265 22.9 18.2 27.2

