

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
 Data File : BN018122.D
 Acq On : 20 Dec 2021 14:58
 Operator : CG/JU
 Sample : M5155-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 15:28:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 20 14:16:44 2021
 Response via : Initial Calibration

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

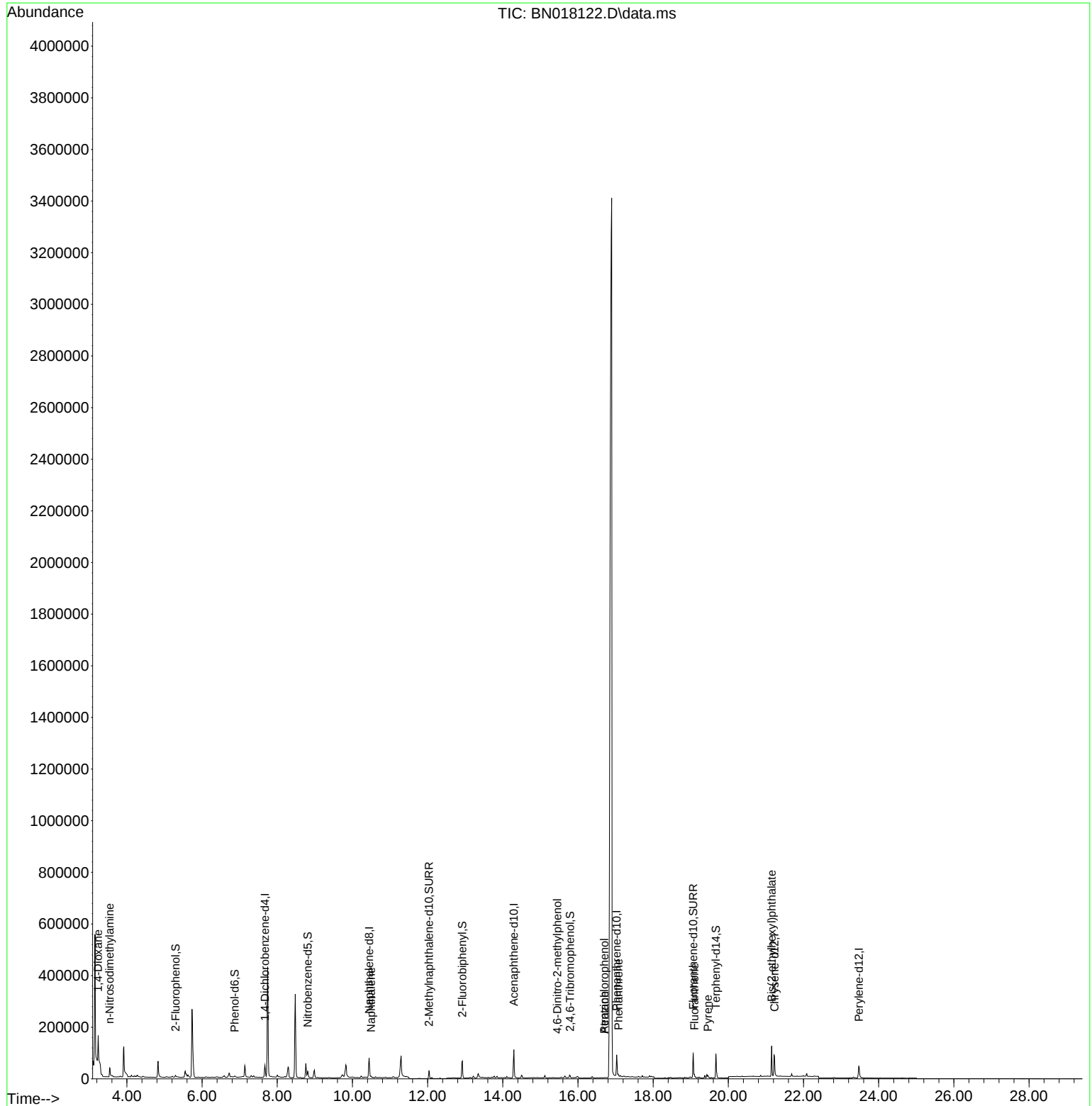
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	24752	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	103377	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	63715	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	117087	0.400	ng	0.00
29) Chrysene-d12	21.227	240	101898	0.400	ng	# 0.00
35) Perylene-d12	23.471	264	74360	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	6796	0.127	ng	0.02
5) Phenol-d6	6.868	99	4394	0.082	ng	0.02
8) Nitrobenzene-d5	8.810	82	22668	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	41564	0.242	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	9493	0.424	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	67330	0.303	ng	0.00
27) Fluoranthene-d10	19.068	212	112996	0.289	ng	0.00
31) Terphenyl-d14	19.669	244	98814	0.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	58598	3.799	ng	# 56
3) n-Nitrosodimethylamine	3.539	42	2832	0.123	ng	# 1
9) Naphthalene	10.495	128	7018	0.027	ng	95
20) 4,6-Dinitro-2-methylph...	15.449	198	5	0.208	ng	# 1
23) Atrazine	16.701	200	83	0.082	ng	# 2
24) Pentachlorophenol	16.701	266	370	0.259	ng	# 83
25) Phenanthrene	17.078	178	10409	0.035	ng	# 91
28) Fluoranthene	19.098	202	10822	0.029	ng	97
30) Pyrene	19.455	202	9406	0.028	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.153	149	104887	0.697	ng	100

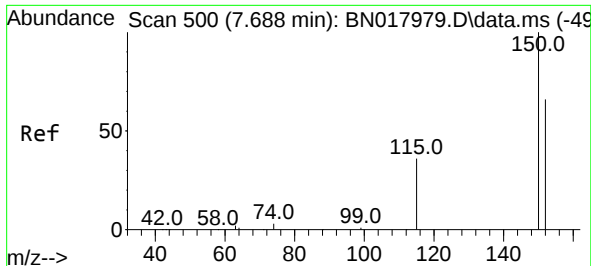
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018122.D
Acq On : 20 Dec 2021 14:58
Operator : CG/JU
Sample : M5155-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

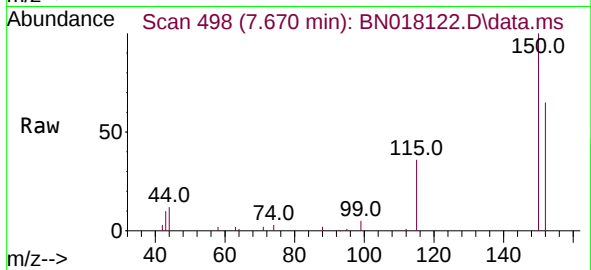
Quant Time: Dec 20 15:28:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 20 14:16:44 2021
Response via : Initial Calibration



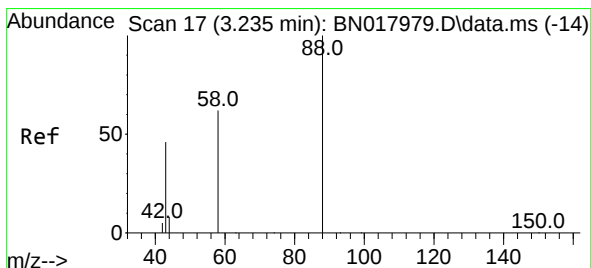
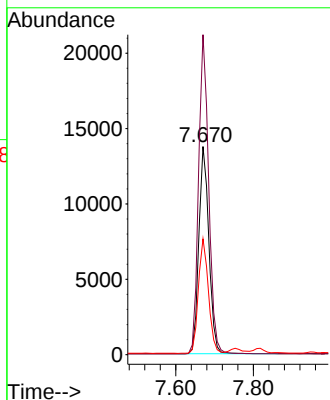
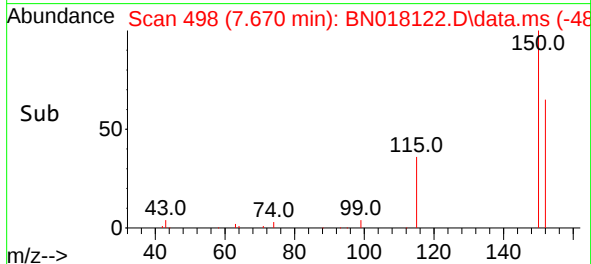


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: BN018122.D
 Acq: 20 Dec 2021 14:58

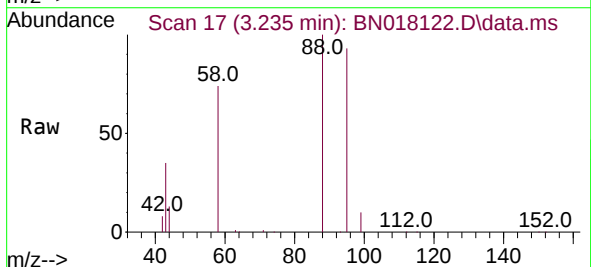
Instrument :
 BNA_N
 ClientSampleId :



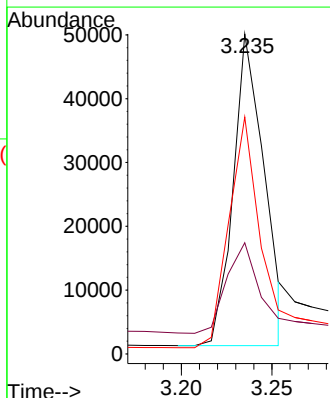
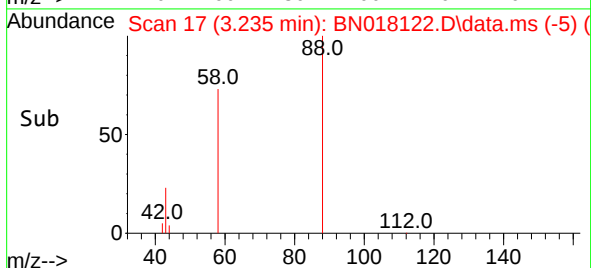
Tgt Ion:152 Resp: 24752
 Ion Ratio Lower Upper
 152 100
 150 153.8 121.7 182.5
 115 55.6 43.8 65.8

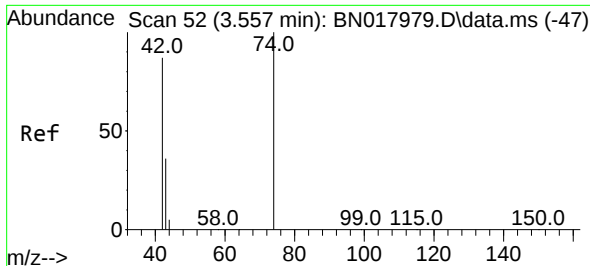


#2
 1,4-Dioxane
 Concen: 3.799 ng
 RT: 3.235 min Scan# 17
 Delta R.T. 0.009 min
 Lab File: BN018122.D
 Acq: 20 Dec 2021 14:58



Tgt Ion: 88 Resp: 58598
 Ion Ratio Lower Upper
 88 100
 43 30.3 69.7 104.5#
 58 74.2 83.8 125.8#

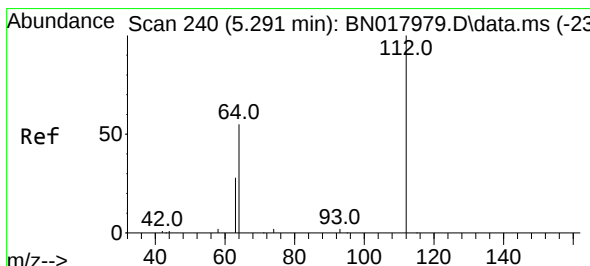
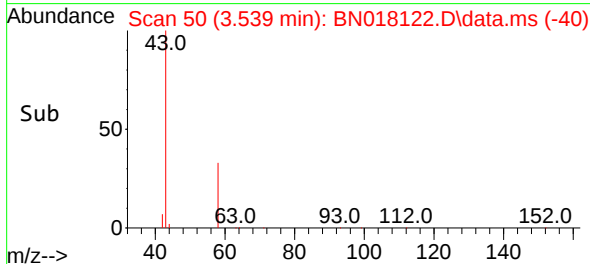
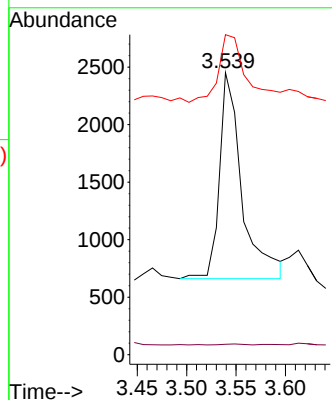
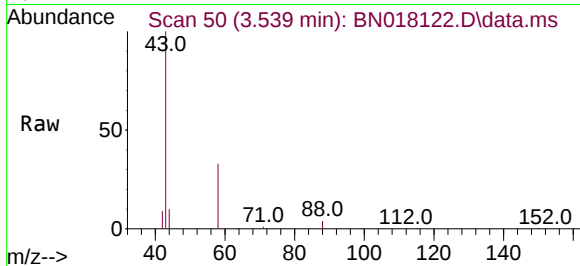




#3
 n-Nitrosodimethylamine
 Concen: 0.123 ng
 RT: 3.539 min Scan# 50
 Delta R.T. -0.009 min
 Lab File: BN018122.D
 Acq: 20 Dec 2021 14:58

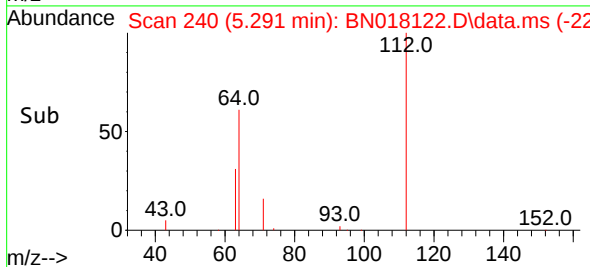
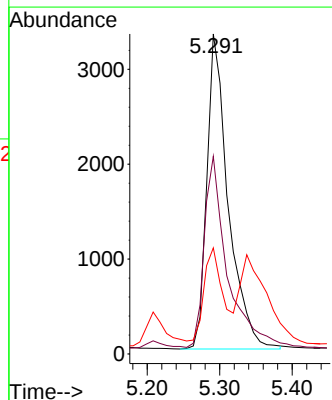
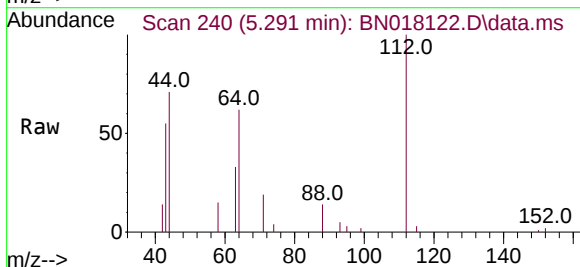
Instrument :
 BNA_N
 ClientSampleId :

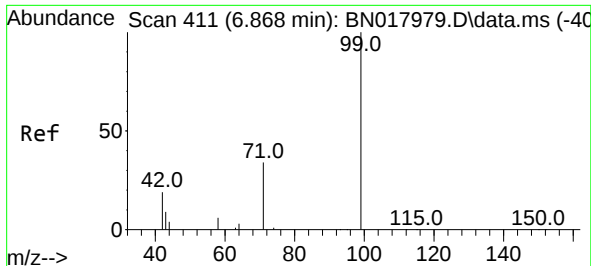
Tgt Ion: 42 Resp: 2832
 Ion Ratio Lower Upper
 42 100
 74 0.5 108.6 163.0#
 44 46.7 5.8 8.8#



#4
 2-Fluorophenol
 Concen: 0.127 ng
 RT: 5.291 min Scan# 240
 Delta R.T. 0.018 min
 Lab File: BN018122.D
 Acq: 20 Dec 2021 14:58

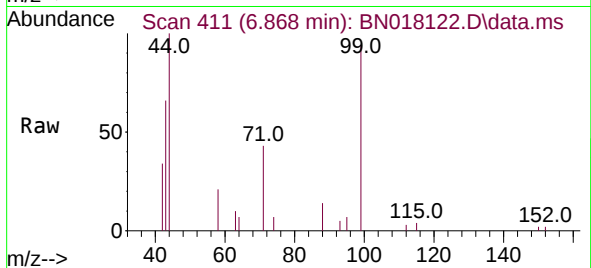
Tgt Ion: 112 Resp: 6796
 Ion Ratio Lower Upper
 112 100
 64 64.7 48.0 72.0
 63 26.4 25.3 37.9



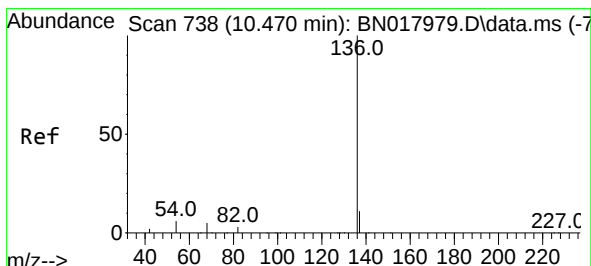
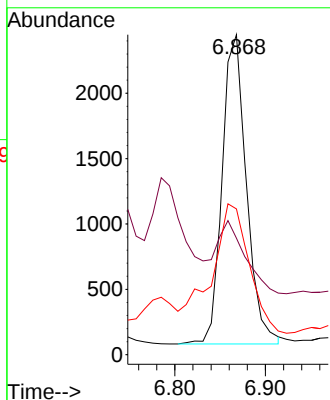
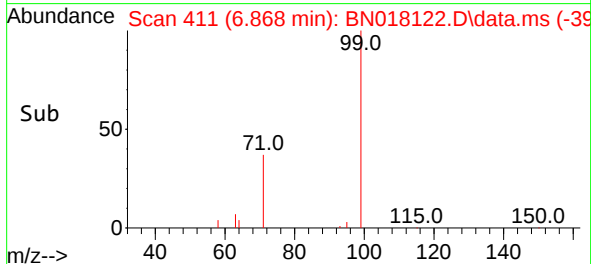


#5
Phenol-d6
Concen: 0.082 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.018 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

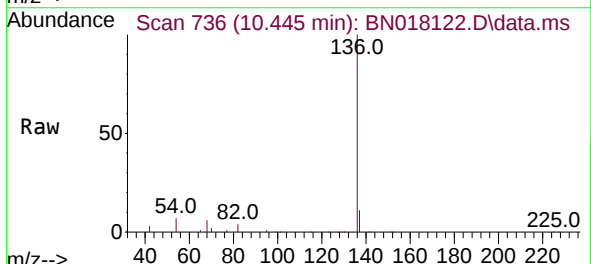
Instrument :
BNA_N
ClientSampleId :



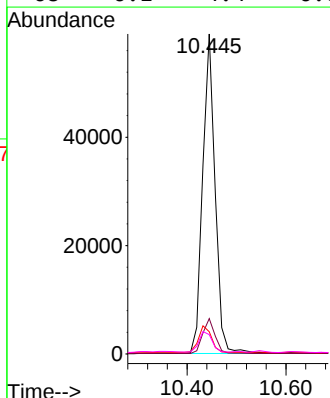
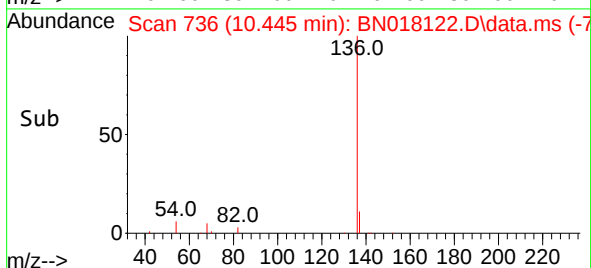
Tgt Ion: 99 Resp: 4394
Ion Ratio Lower Upper
99 100
42 28.4 16.3 24.5#
71 63.5 26.8 40.2#

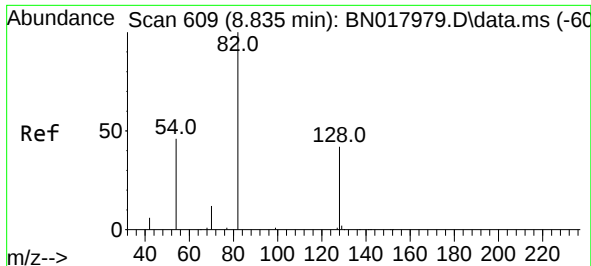


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58



Tgt Ion: 136 Resp: 103377
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.9 5.0 7.6
68 6.1 4.4 6.6

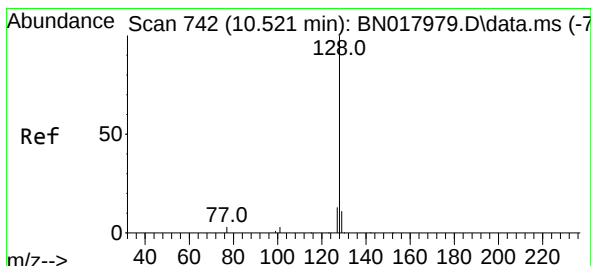
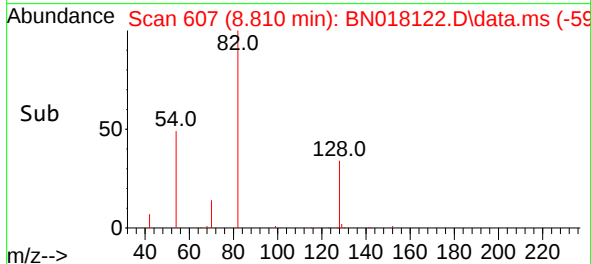
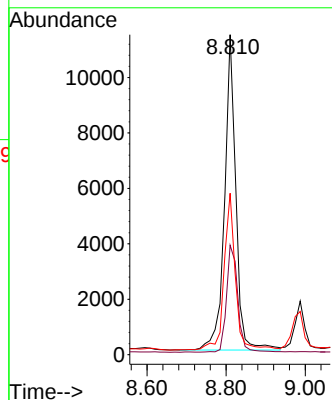
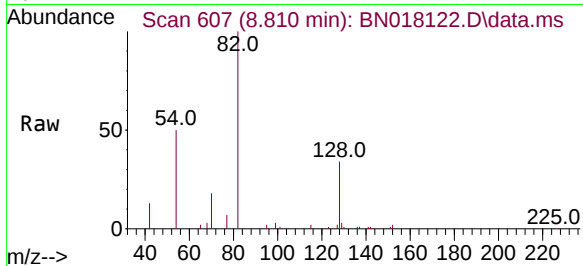




#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.810 min Scan# 609
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

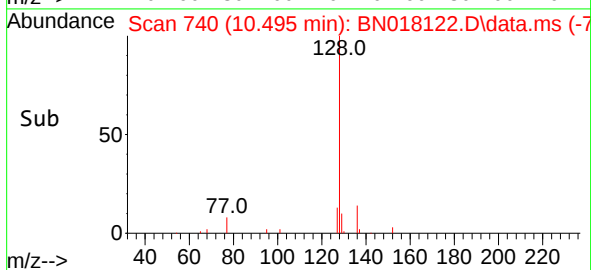
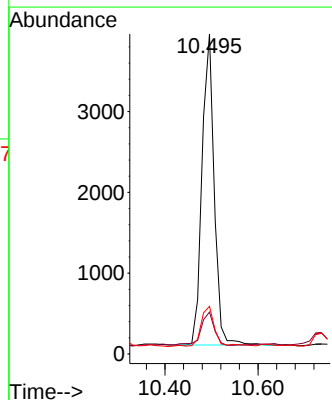
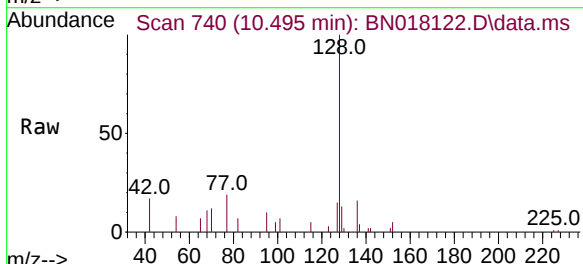
Instrument :
BNA_N
ClientSampleId :

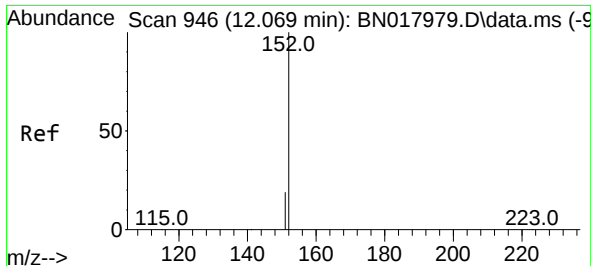
Tgt Ion: 82 Resp: 22668
Ion Ratio Lower Upper
82 100
128 34.2 33.7 50.5
54 50.4 36.6 55.0



#9
Naphthalene
Concen: 0.027 ng
RT: 10.495 min Scan# 740
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Tgt Ion: 128 Resp: 7018
Ion Ratio Lower Upper
128 100
129 13.1 8.7 13.1
127 14.9 10.4 15.6

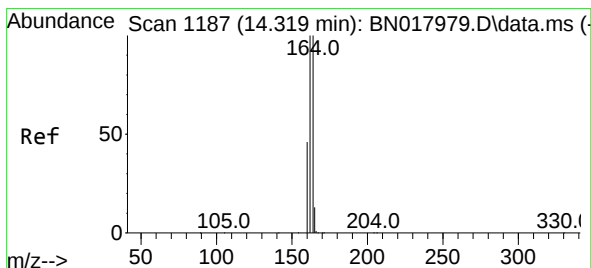
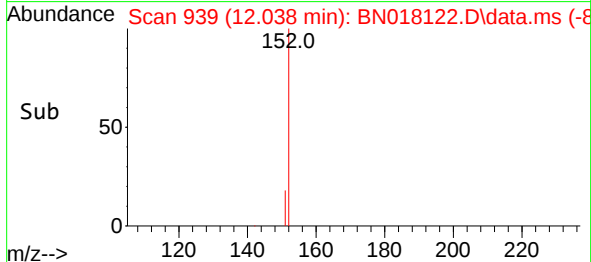
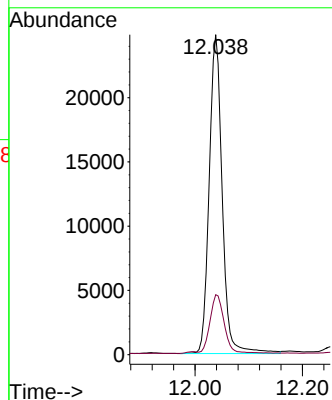
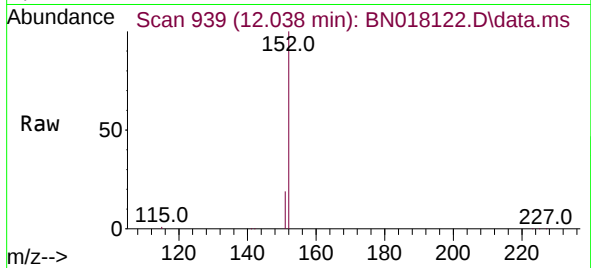




#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 12.038 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

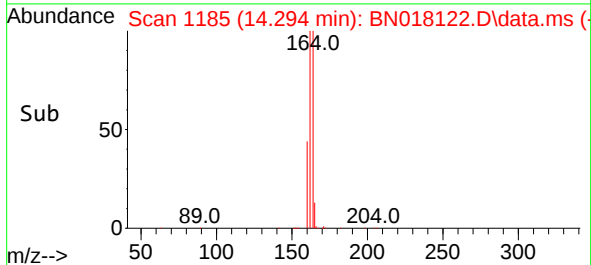
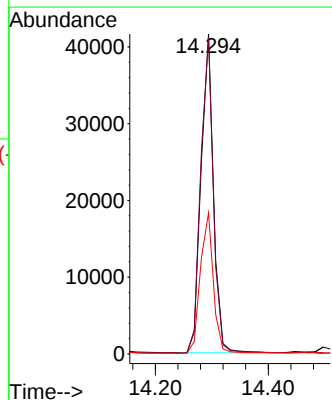
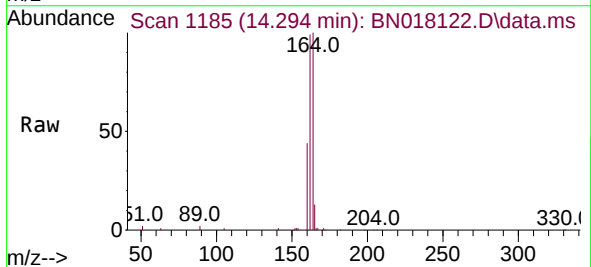
Instrument :
BNA_N
ClientSampleId :

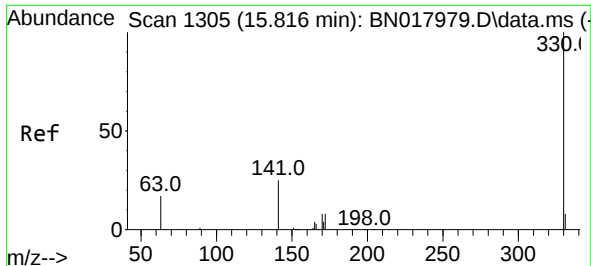
Tgt Ion:152 Resp: 41564
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

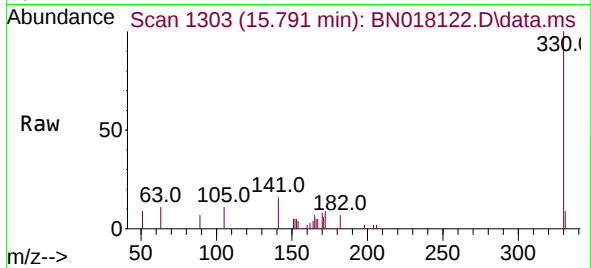
Tgt Ion:164 Resp: 63715
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.2
160 44.1 36.9 55.3



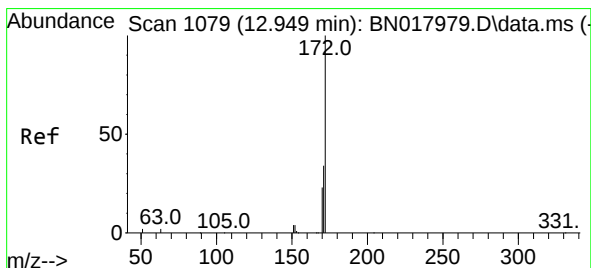
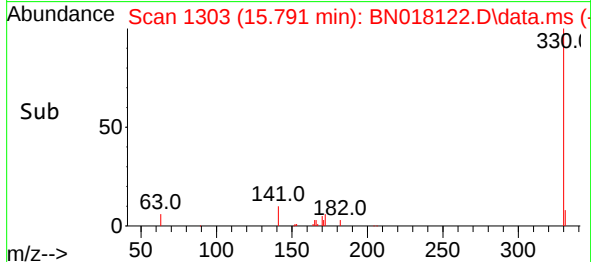
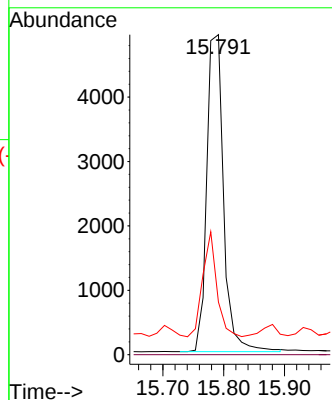


#14
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 15.791 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Instrument :
BNA_N
ClientSampleId :

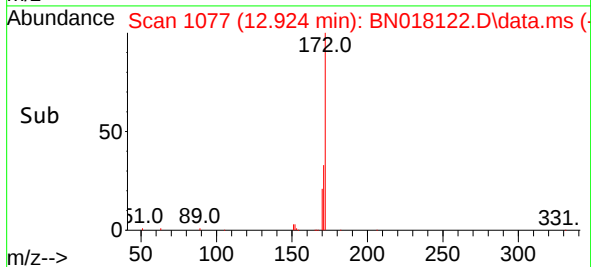
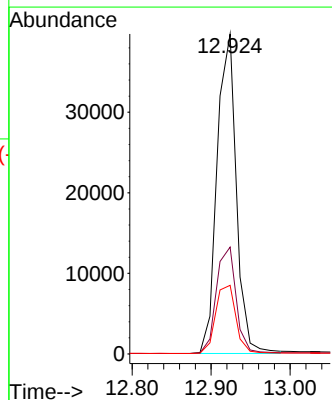
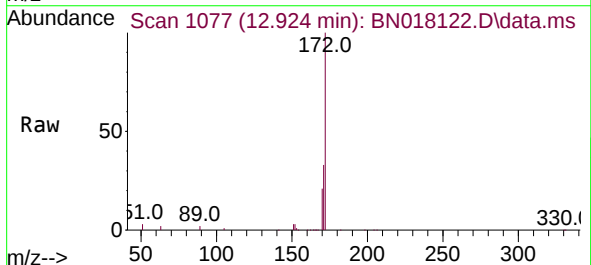


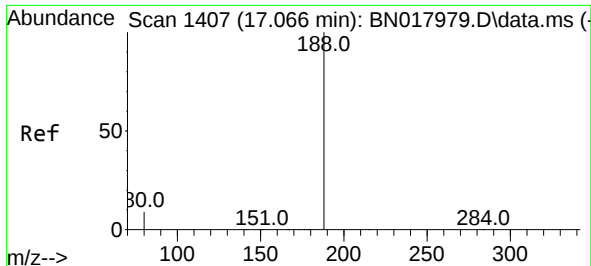
Tgt Ion:330 Resp: 9493
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.6 21.3 31.9



#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Tgt Ion:172 Resp: 67330
Ion Ratio Lower Upper
172 100
171 33.4 27.4 41.0
170 21.5 18.4 27.6

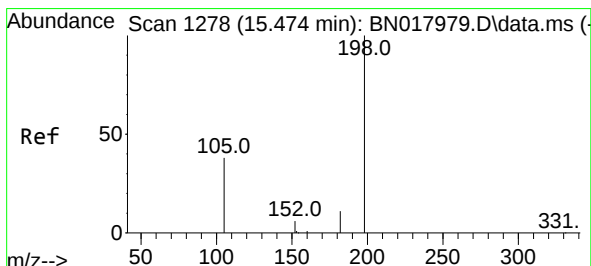
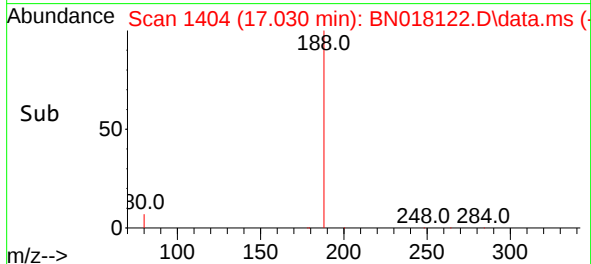
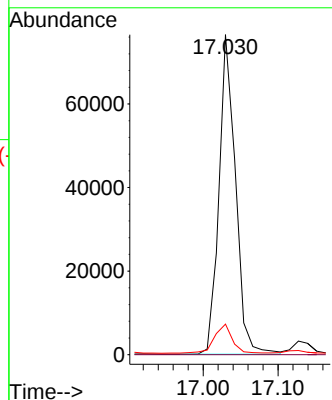
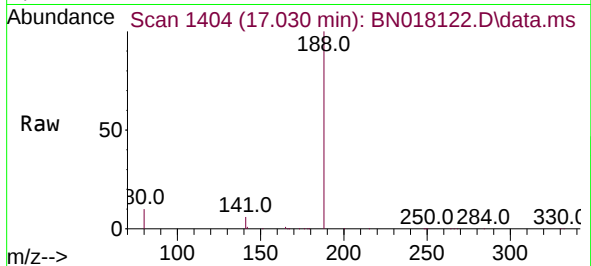




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

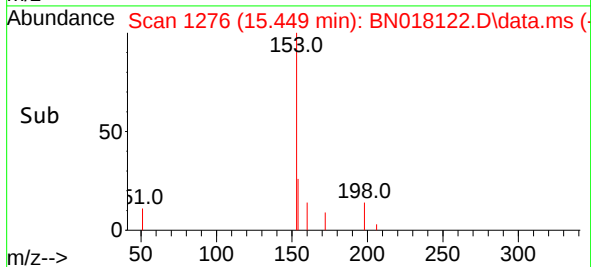
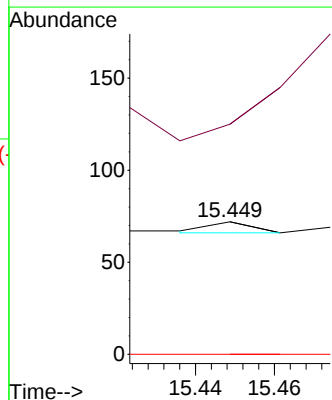
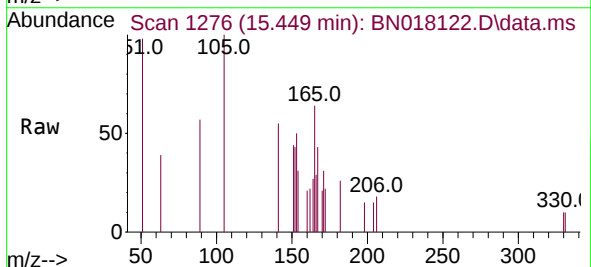
Instrument :
BNA_N
ClientSampleId :

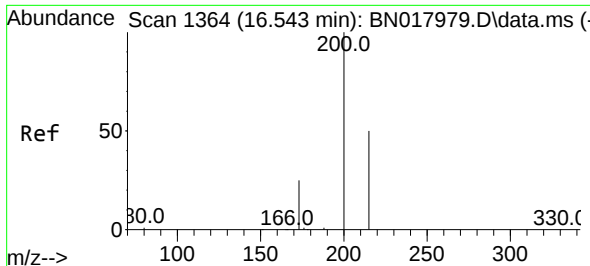
Tgt Ion:188 Resp: 117087
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 173.6 15.5 23.3#
77 0.0 0.0 0.0

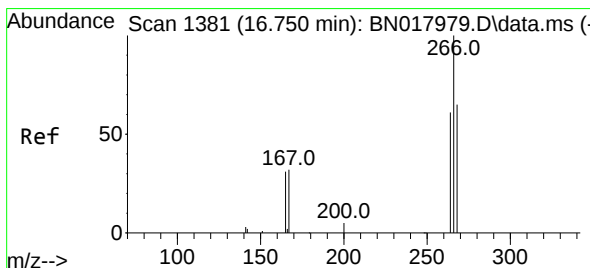
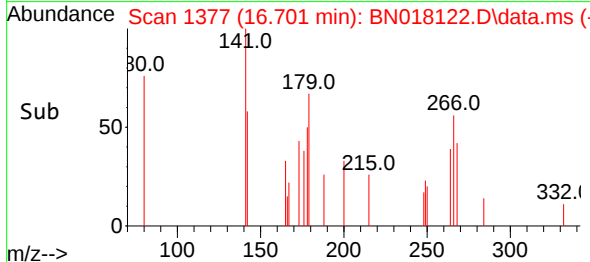
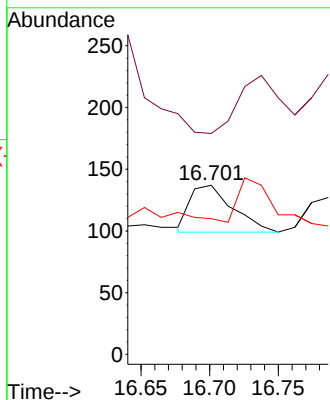
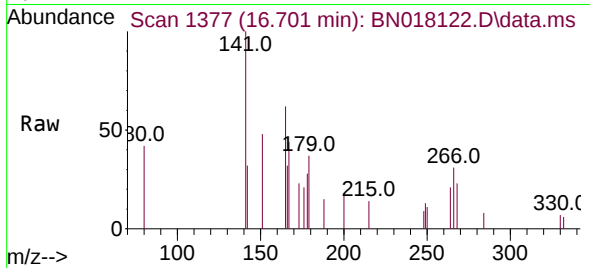




#23
 Atrazine
 Concen: 0.082 ng
 RT: 16.701 min Scan# 11
 Delta R.T. 0.195 min
 Lab File: BN018122.D
 Acq: 20 Dec 2021 14:58

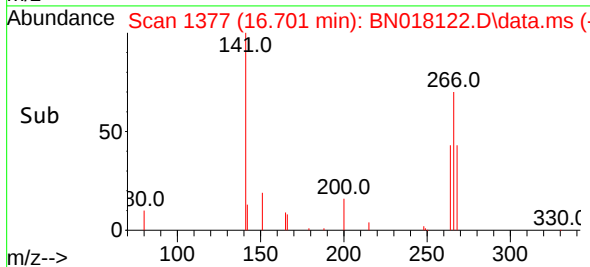
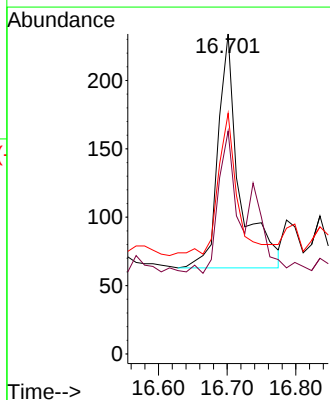
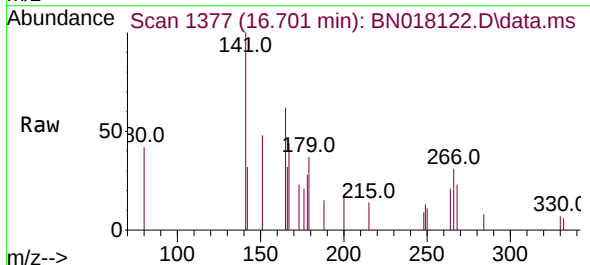
Instrument :
 BNA_N
 ClientSampleId :

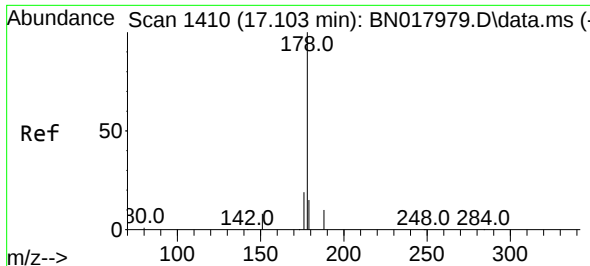
Tgt Ion:200 Resp: 83
 Ion Ratio Lower Upper
 200 100
 173 130.7 20.3 30.5#
 215 80.3 40.4 60.6#



#24
 Pentachlorophenol
 Concen: 0.259 ng
 RT: 16.701 min Scan# 1377
 Delta R.T. -0.000 min
 Lab File: BN018122.D
 Acq: 20 Dec 2021 14:58

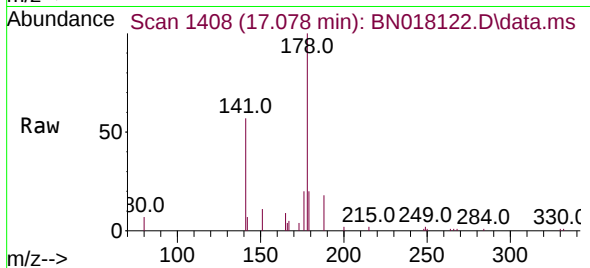
Tgt Ion:266 Resp: 370
 Ion Ratio Lower Upper
 266 100
 264 50.0 49.5 74.3
 268 48.6 50.6 76.0#



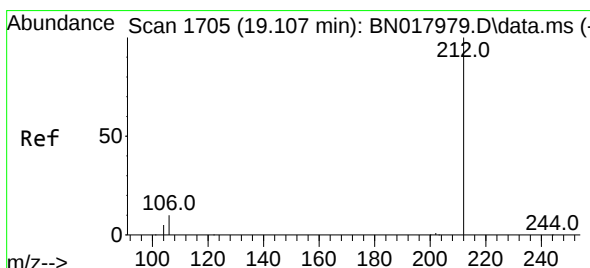
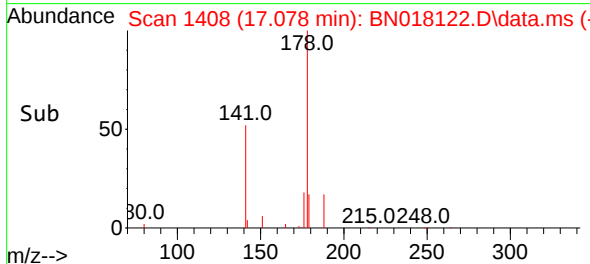
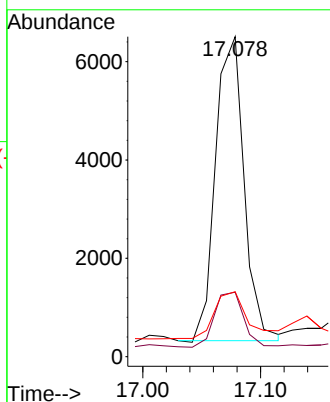


#25
Phenanthrene
Concen: 0.035 ng
RT: 17.078 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Instrument :
BNA_N
ClientSampleId :

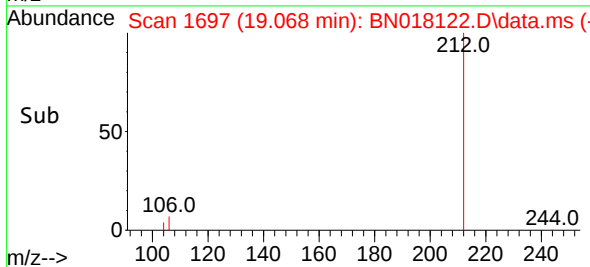
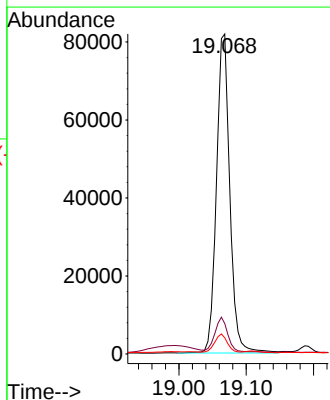
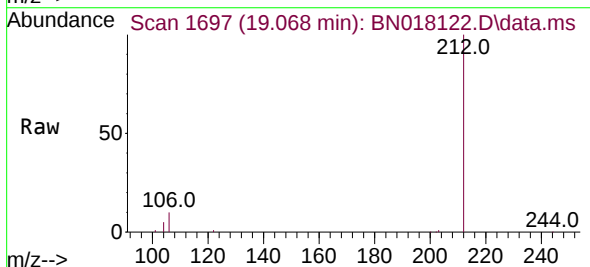


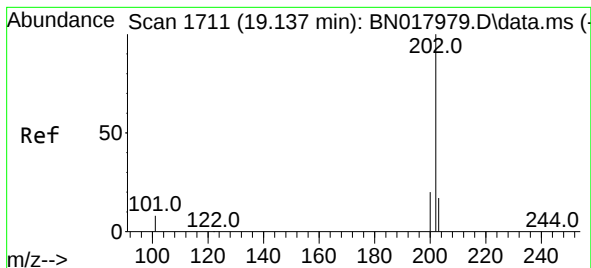
Tgt Ion:178 Resp: 10409
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 23.5 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.289 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Tgt Ion:212 Resp: 112996
Ion Ratio Lower Upper
212 100
106 10.8 8.4 12.6
104 5.4 4.5 6.7





#28

Fluoranthene

Concen: 0.029 ng

RT: 19.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN018122.D

Acq: 20 Dec 2021 14:58

Instrument :

BNA_N

ClientSampleId :

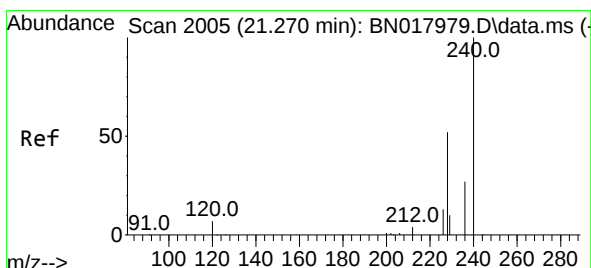
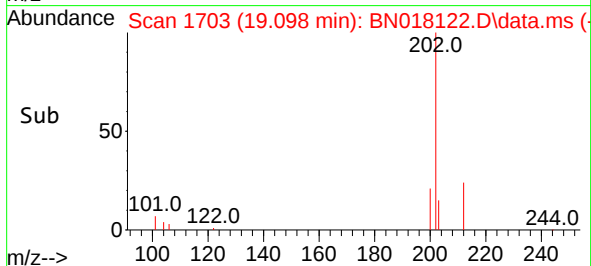
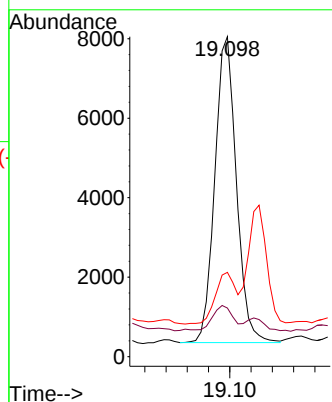
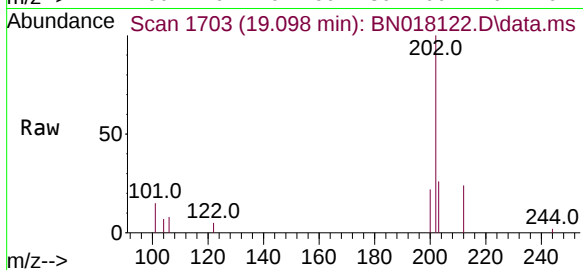
Tgt Ion:202 Resp: 10822

Ion Ratio Lower Upper

202 100

101 8.3 7.2 10.8

203 15.9 13.7 20.5



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.227 min Scan# 2001

Delta R.T. -0.000 min

Lab File: BN018122.D

Acq: 20 Dec 2021 14:58

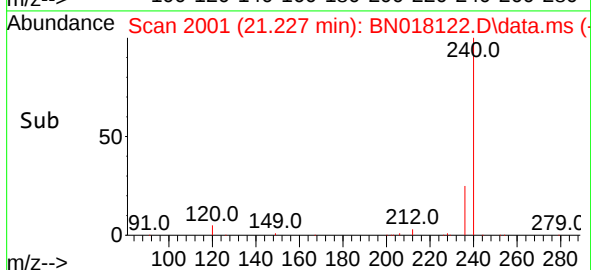
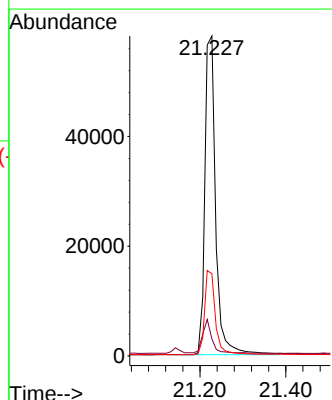
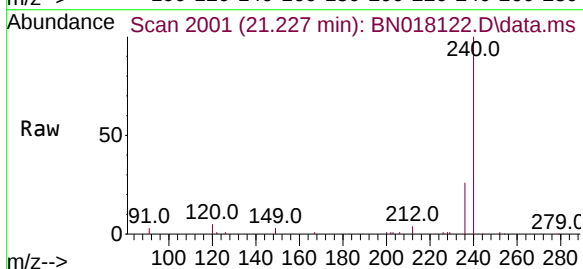
Tgt Ion:240 Resp: 101898

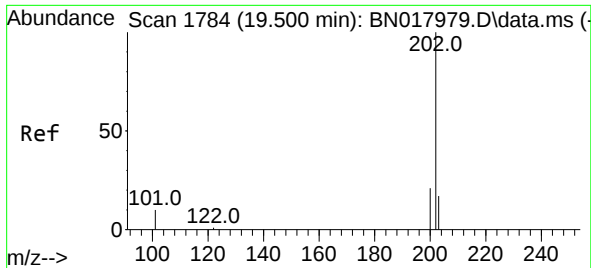
Ion Ratio Lower Upper

240 100

120 5.3 6.0 9.0#

236 25.7 21.4 32.2

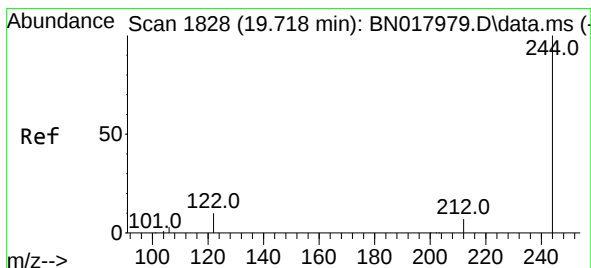
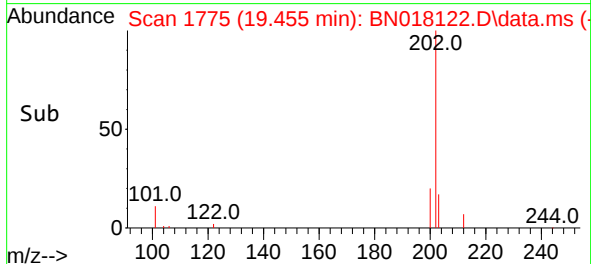
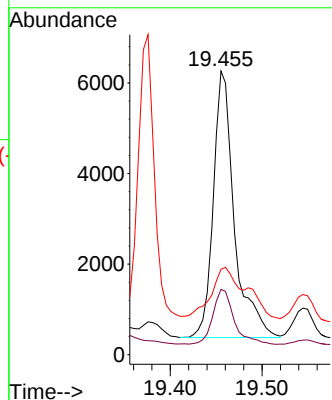
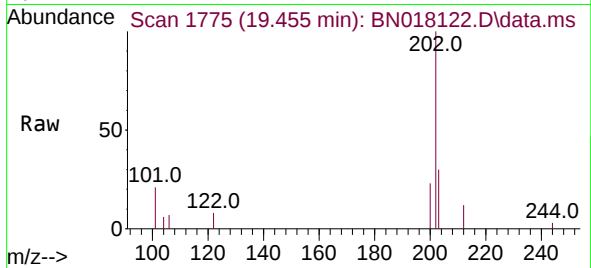




#30
Pyrene
Concen: 0.028 ng
RT: 19.455 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

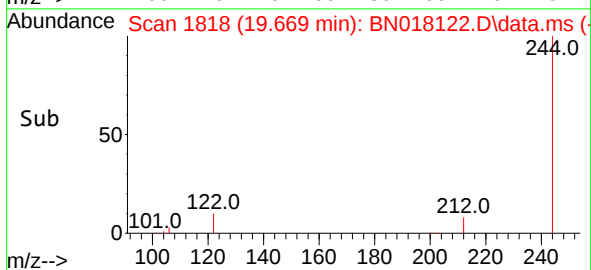
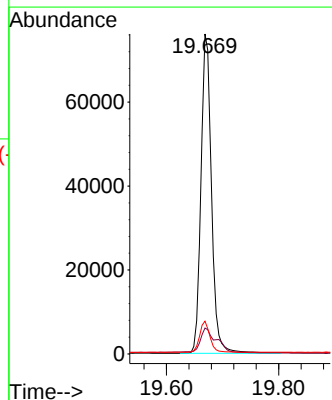
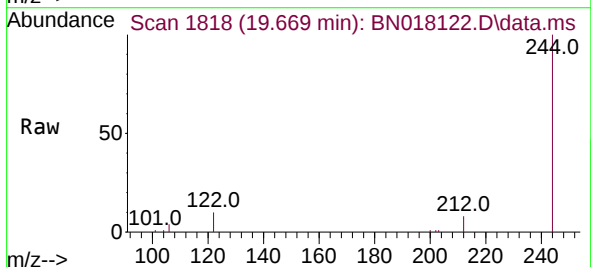
Instrument :
BNA_N
ClientSampleId :

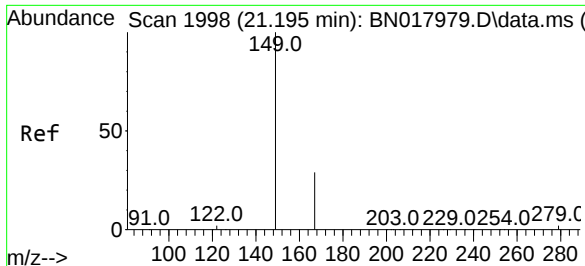
Tgt Ion:202 Resp: 9406
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 32.0 14.1 21.1#



#31
Terphenyl-d14
Concen: 0.465 ng
RT: 19.669 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Tgt Ion:244 Resp: 98814
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 10.3 7.9 11.9

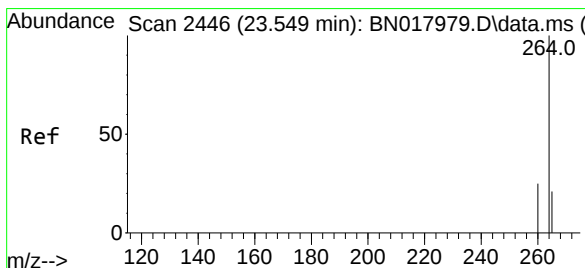
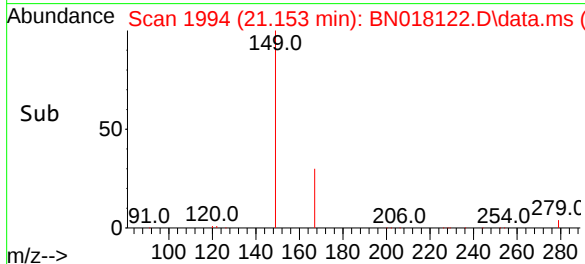
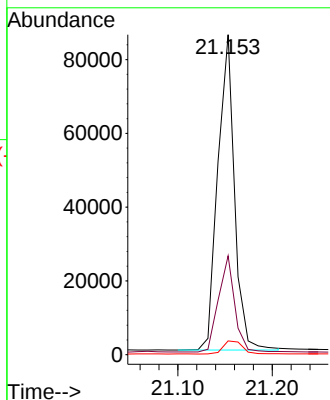
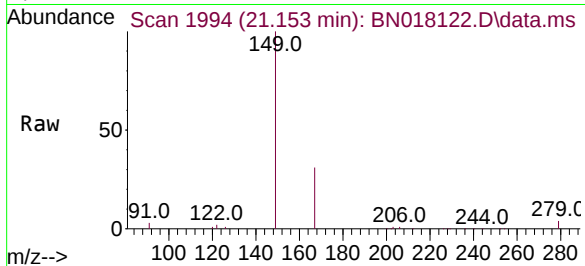




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.697 ng
RT: 21.153 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 104887
Ion Ratio Lower Upper
149 100
167 29.6 23.7 35.5
279 4.8 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.471 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Tgt Ion:264 Resp: 74360
Ion Ratio Lower Upper
264 100
260 25.3 20.2 30.4
265 24.6 18.2 27.2

