

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
 Data File : BN018121.D
 Acq On : 20 Dec 2021 14:22
 Operator : CG/JU
 Sample : M5137-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 14:51:58 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)

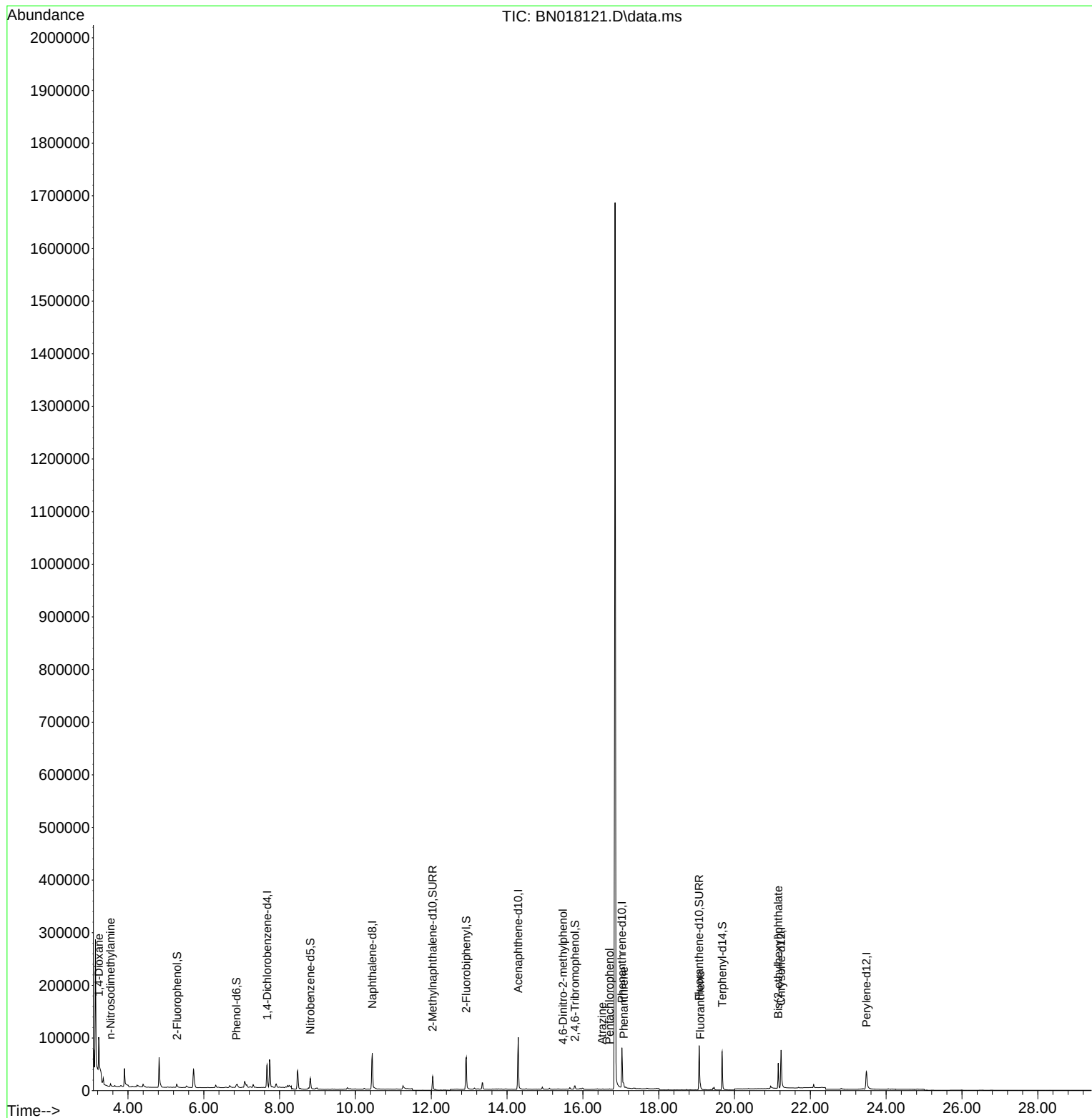
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	24403	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	101076	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	61905	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	111441	0.400	ng	0.00
29) Chrysene-d12	21.227	240	89867	0.400	ng	0.00
35) Perylene-d12	23.477	264	62263	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	6817	0.129	ng	0.02
5) Phenol-d6	6.858	99	4605	0.087	ng	0.00
8) Nitrobenzene-d5	8.809	82	19843	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	43300	0.258	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	6995	0.367	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	67396	0.312	ng	0.00
27) Fluoranthene-d10	19.068	212	112509	0.302	ng	0.00
31) Terphenyl-d14	19.673	244	88871	0.475	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.235	88	43550	2.863	ng	# 55
3) n-Nitrosodimethylamine	3.539	42	470	0.021	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.474	198	20	0.209	ng	# 1
23) Atrazine	16.506	200	93	0.082	ng	# 1
24) Pentachlorophenol	16.701	266	380	0.261	ng	97
25) Phenanthrene	17.078	178	9869	0.035	ng	# 95
28) Fluoranthene	19.097	202	7189	0.020	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.153	149	40709	0.307	ng	99

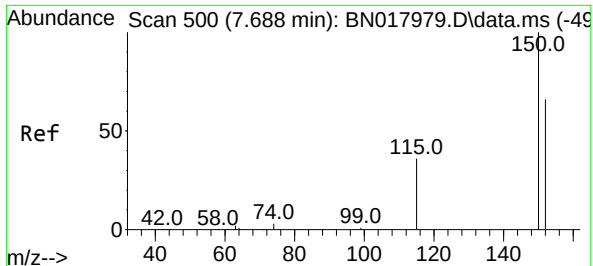
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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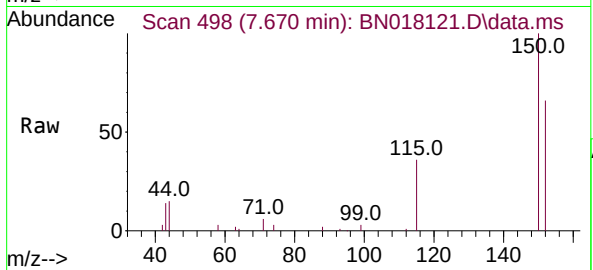
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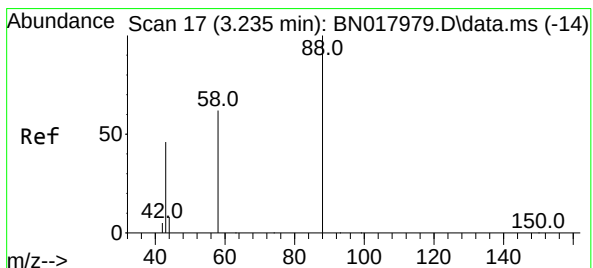
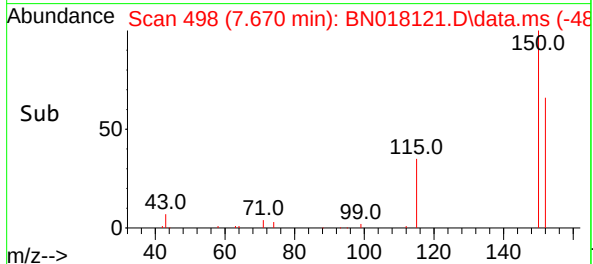
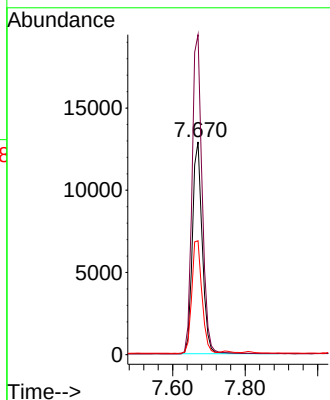


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 49
 Delta R.T. -0.000 min
 Lab File: BN018121.D
 Acq: 20 Dec 2021 14:22

Instrument :
 BNA_N
 ClientSampleId :

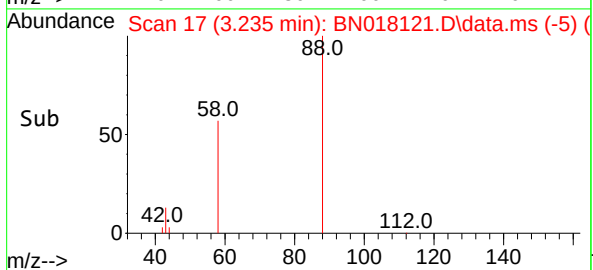
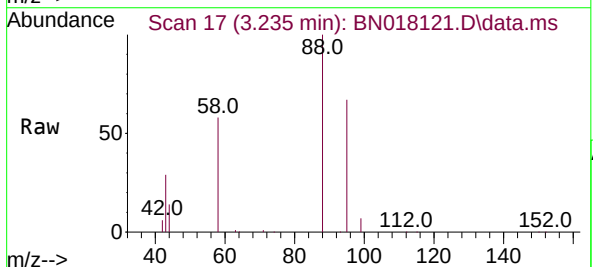
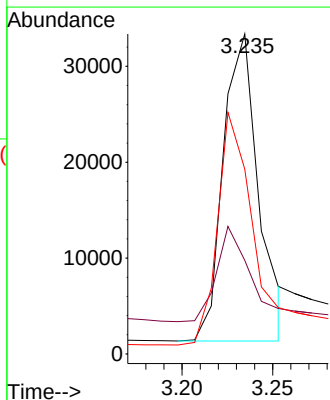


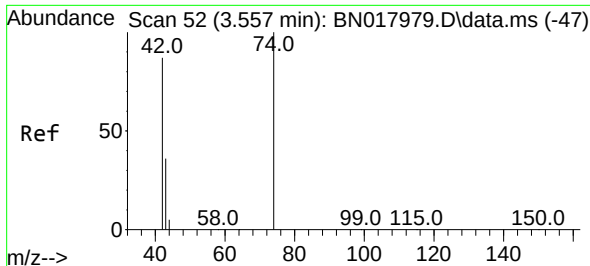
Tgt Ion:152 Resp: 24403
 Ion Ratio Lower Upper
 152 100
 150 150.4 121.7 182.5
 115 53.5 43.8 65.8



#2
 1,4-Dioxane
 Concen: 2.863 ng
 RT: 3.235 min Scan# 17
 Delta R.T. 0.009 min
 Lab File: BN018121.D
 Acq: 20 Dec 2021 14:22

Tgt Ion: 88 Resp: 43550
 Ion Ratio Lower Upper
 88 100
 43 29.1 69.7 104.5#
 58 74.5 83.8 125.8#

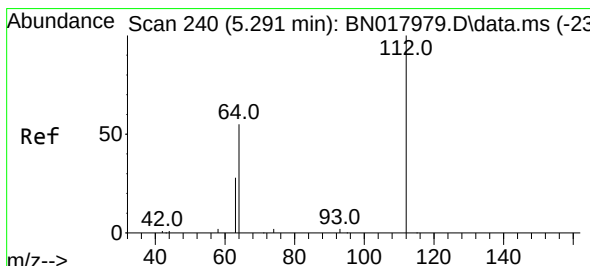
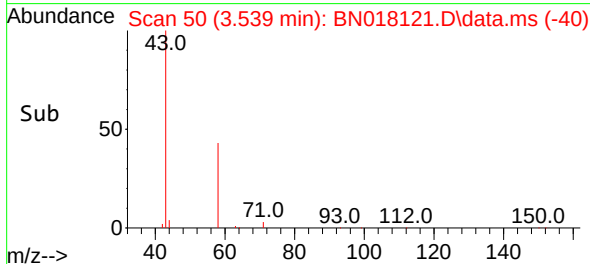
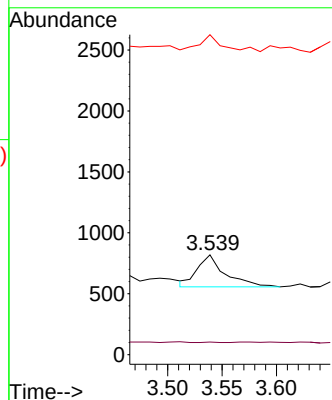
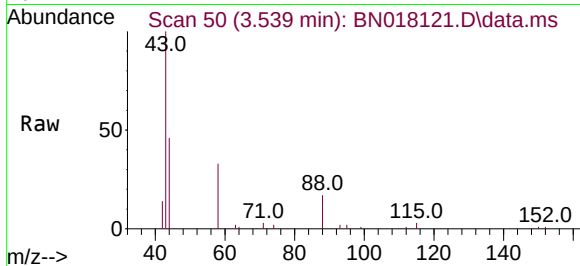




#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.539 min Scan# 50
Delta R.T. -0.010 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

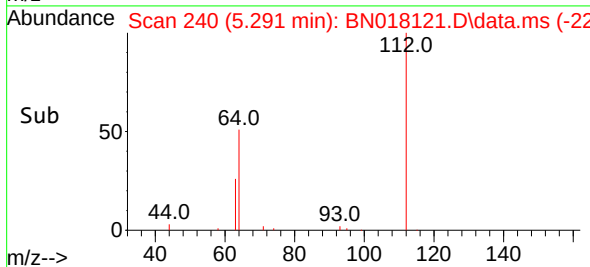
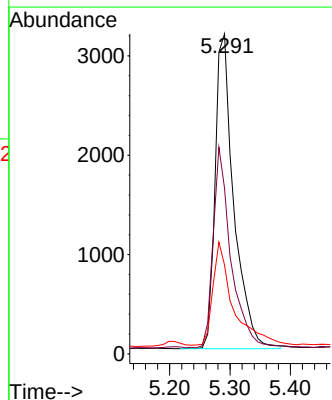
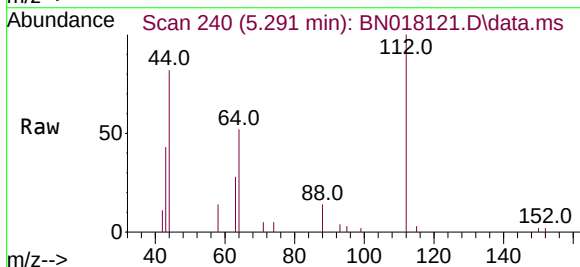
Instrument :
BNA_N
ClientSampleId :

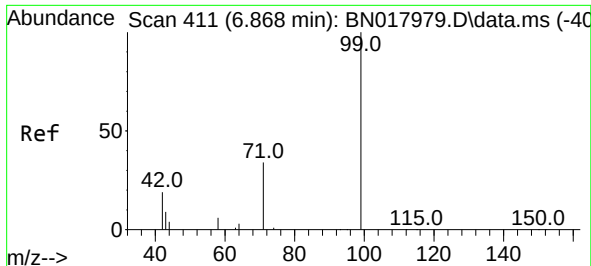
Tgt Ion: 42 Resp: 470
Ion Ratio Lower Upper
42 100
74 0.6 108.6 163.0#
44 31.9 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.018 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

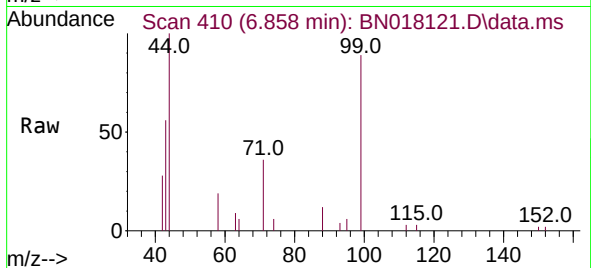
Tgt Ion: 112 Resp: 6817
Ion Ratio Lower Upper
112 100
64 60.5 48.0 72.0
63 34.9 25.3 37.9



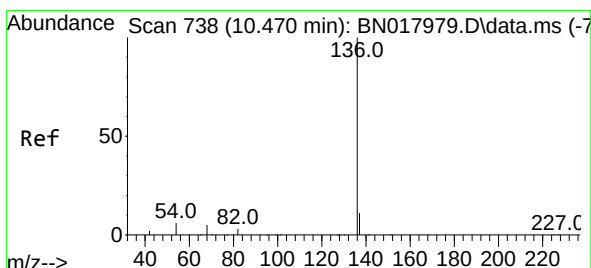
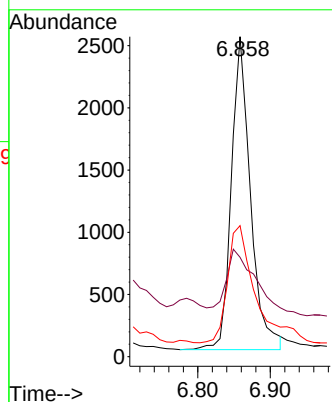
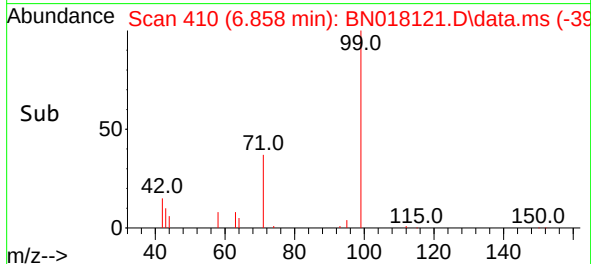


#5
Phenol-d6
Concen: 0.087 ng
RT: 6.858 min Scan# 411
Delta R.T. 0.009 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

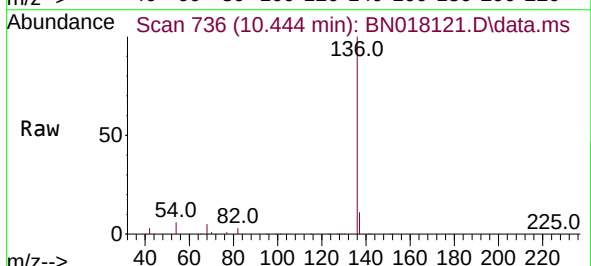
Instrument :
BNA_N
ClientSampleId :



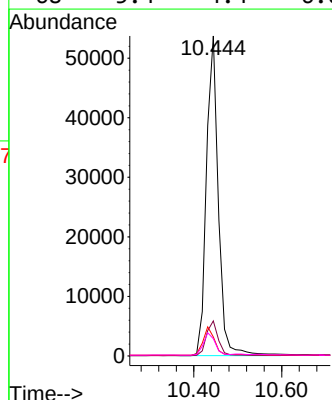
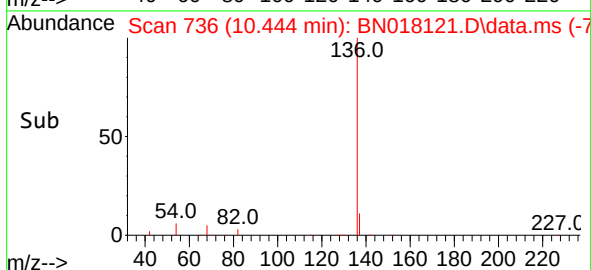
Tgt Ion: 99 Resp: 4605
Ion Ratio Lower Upper
99 100
42 24.7 16.3 24.5#
71 50.8 26.8 40.2#

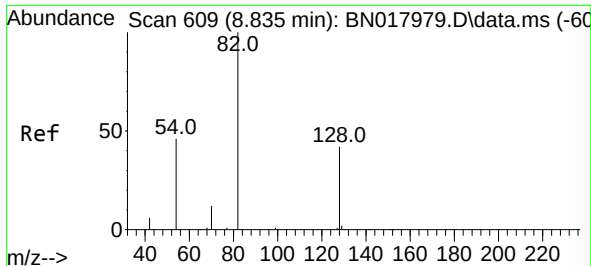


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.444 min Scan# 736
Delta R.T. -0.001 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22



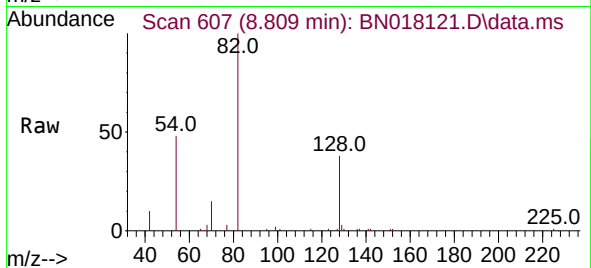
Tgt Ion: 136 Resp: 101076
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.0 5.0 7.6
68 5.4 4.4 6.6



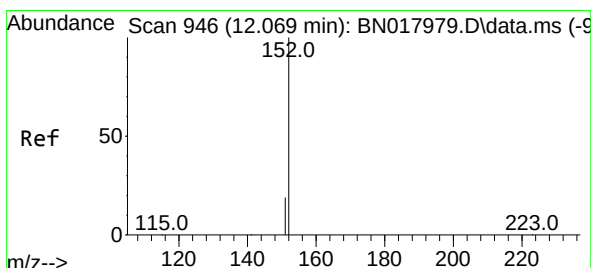
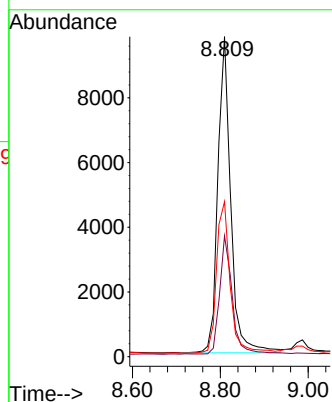
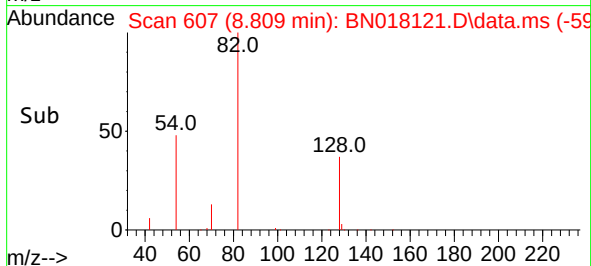


#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.809 min Scan# 609
Delta R.T. -0.000 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

Instrument :
BNA_N
ClientSampleId :

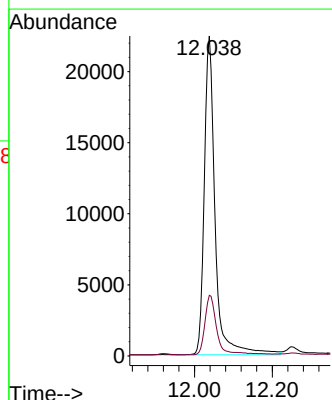
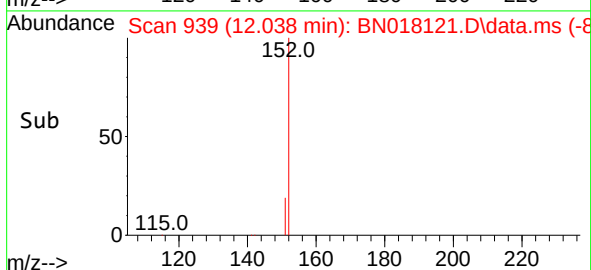
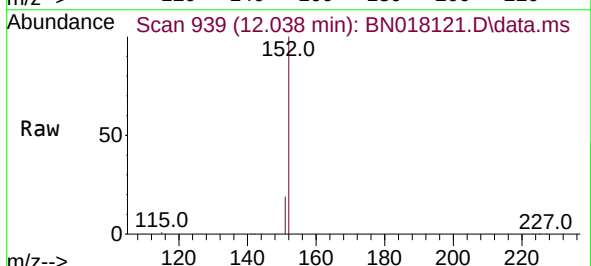


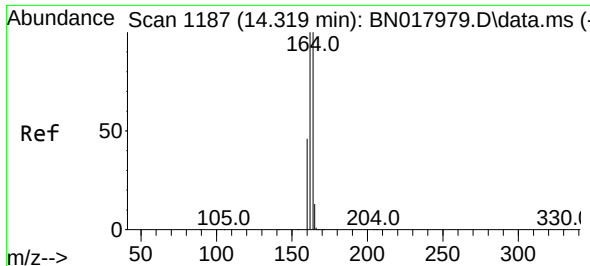
Tgt Ion: 82 Resp: 19843
Ion Ratio Lower Upper
82 100
128 37.7 33.7 50.5
54 48.4 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.001 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

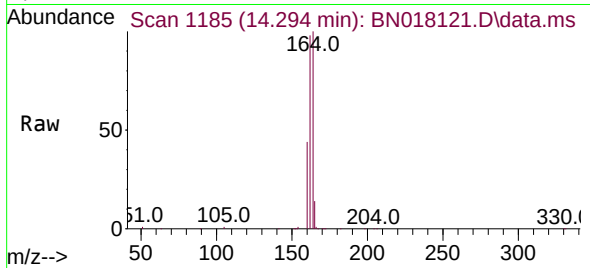
Tgt Ion: 152 Resp: 43300
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2



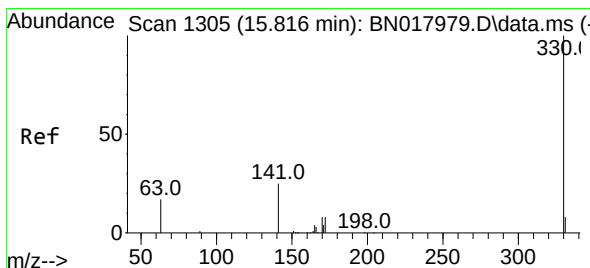
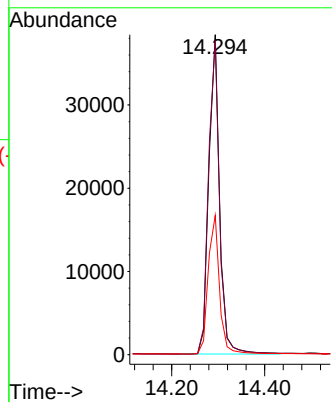
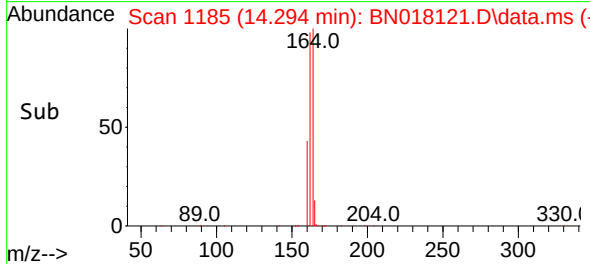


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.001 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

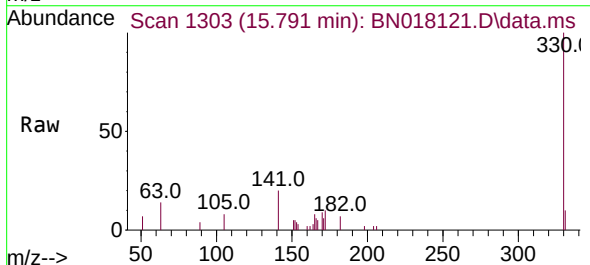
Instrument :
BNA_N
ClientSampleId :



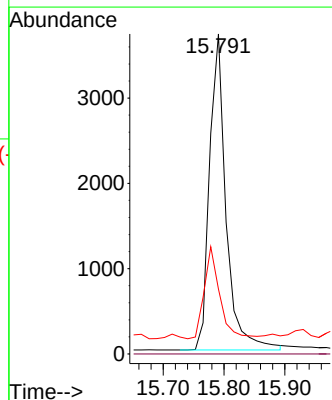
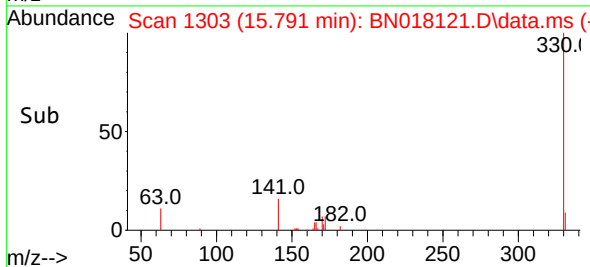
Tgt Ion:164 Resp: 61905
Ion Ratio Lower Upper
164 100
162 98.1 80.2 120.2
160 43.5 36.9 55.3

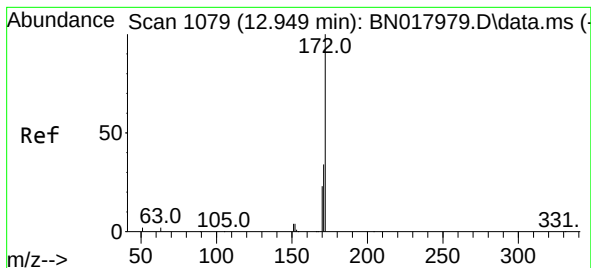


#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22



Tgt Ion:330 Resp: 6995
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.6 21.3 31.9





#15

2-Fluorobiphenyl

Concen: 0.312 ng

RT: 12.924 min Scan# 1077

Delta R.T. -0.000 min

Lab File: BN018121.D

Acq: 20 Dec 2021 14:22

Instrument :

BNA_N

ClientSampleId :

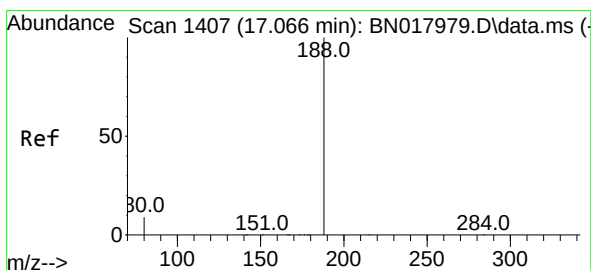
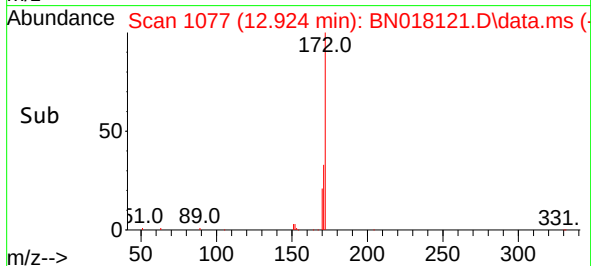
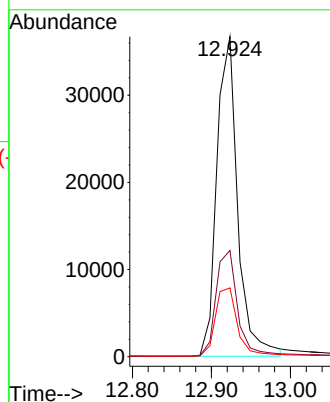
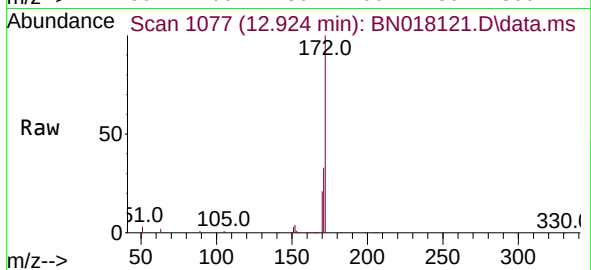
Tgt Ion:172 Resp: 67396

Ion Ratio Lower Upper

172 100

171 33.2 27.4 41.0

170 21.5 18.4 27.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.029 min Scan# 1404

Delta R.T. -0.000 min

Lab File: BN018121.D

Acq: 20 Dec 2021 14:22

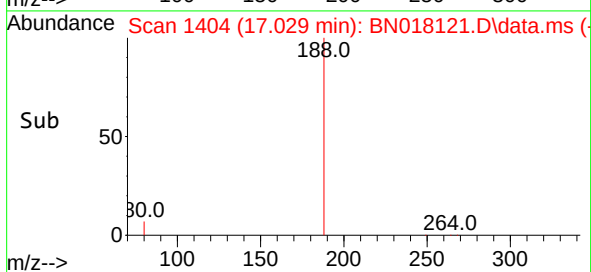
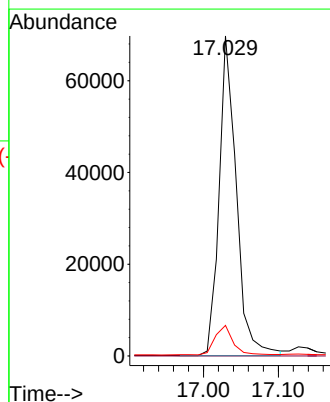
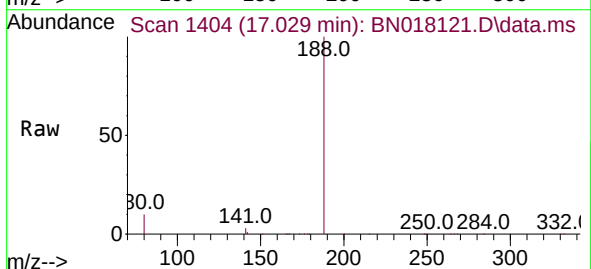
Tgt Ion:188 Resp: 111441

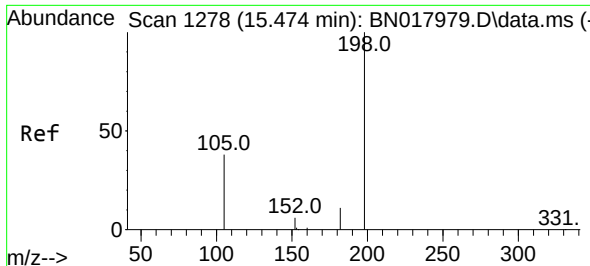
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 7.0 10.4

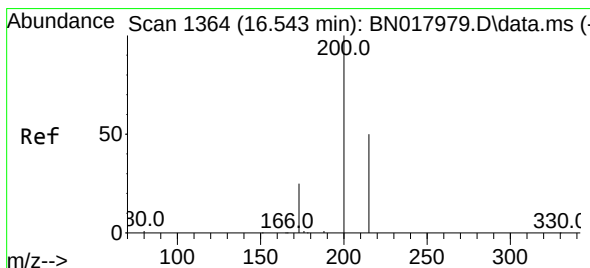
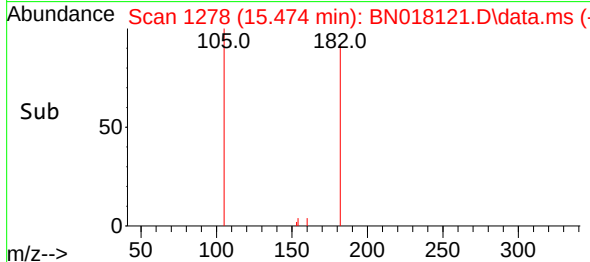
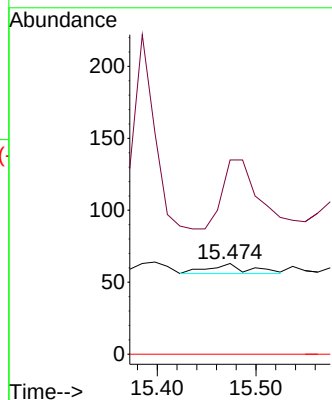
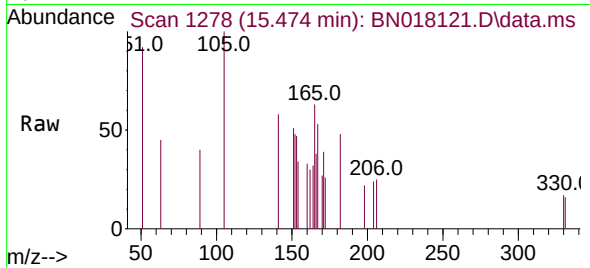




#20
4,6-Dinitro-2-methylphenol
Concen: 0.209 ng
RT: 15.474 min Scan# 11
Delta R.T. 0.038 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

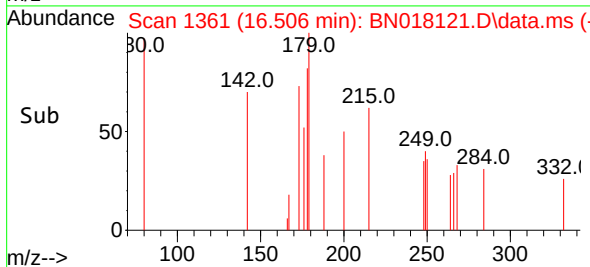
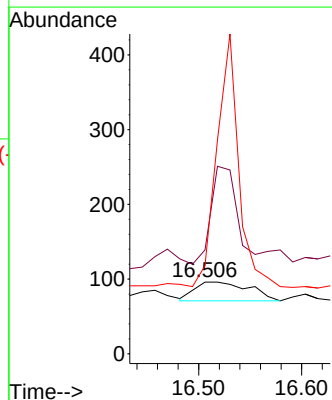
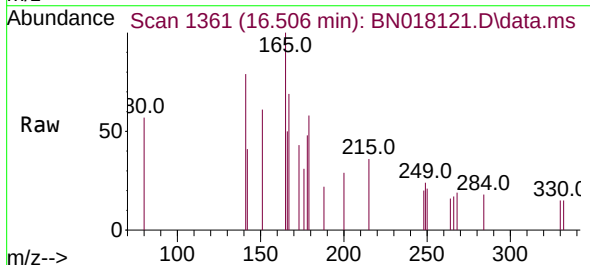
Instrument :
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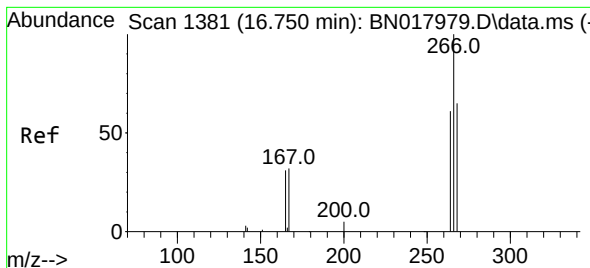
Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
182 214.3 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.082 ng
RT: 16.506 min Scan# 1361
Delta R.T. -0.001 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

Tgt Ion:200 Resp: 93
Ion Ratio Lower Upper
200 100
173 144.8 20.3 30.5#
215 122.9 40.4 60.6#





#24

Pentachlorophenol

Concen: 0.261 ng

RT: 16.701 min Scan# 11

Delta R.T. -0.000 min

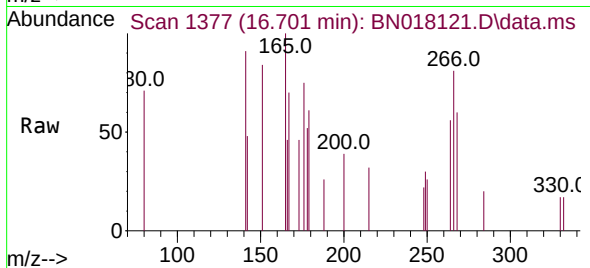
Lab File: BN018121.D

Acq: 20 Dec 2021 14:22

Instrument :

BNA_N

ClientSampleId :



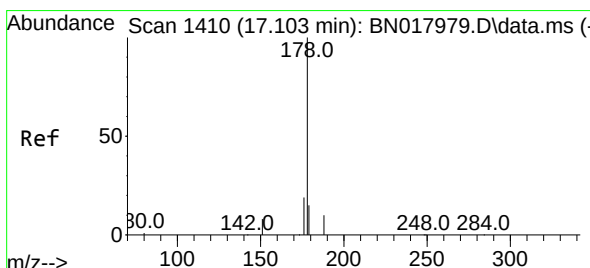
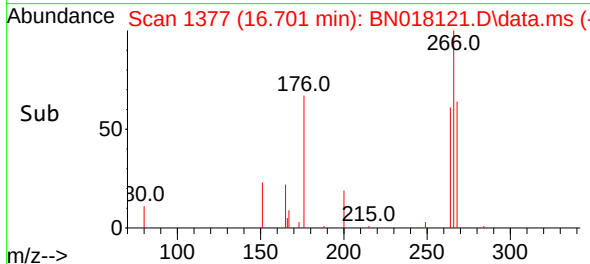
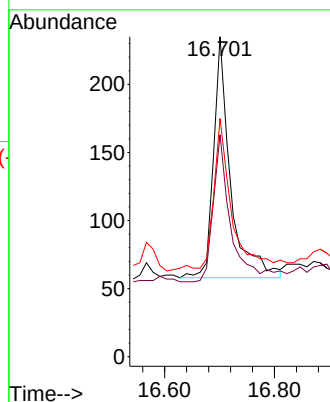
Tgt Ion:266 Resp: 380

Ion Ratio Lower Upper

266 100

264 65.8 49.5 74.3

268 63.9 50.6 76.0



#25

Phenanthrene

Concen: 0.035 ng

RT: 17.078 min Scan# 1408

Delta R.T. -0.000 min

Lab File: BN018121.D

Acq: 20 Dec 2021 14:22

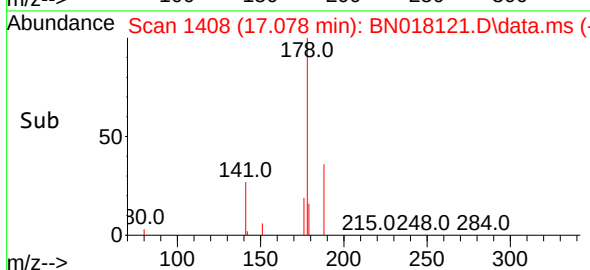
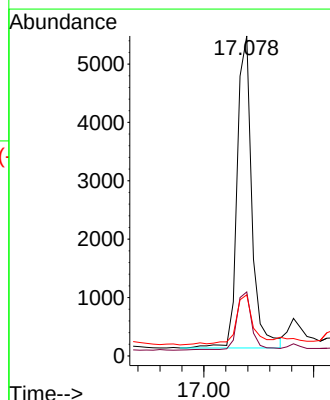
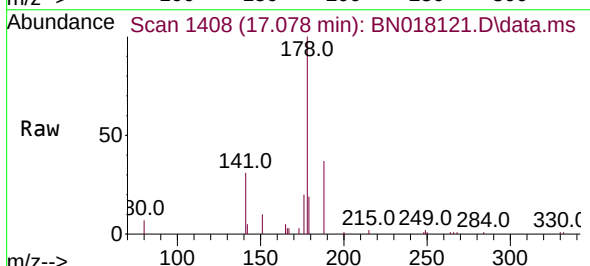
Tgt Ion:178 Resp: 9869

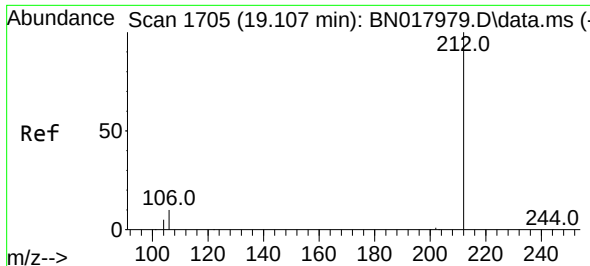
Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 19.6 12.3 18.5#





#27

Fluoranthene-d10

Concen: 0.302 ng

RT: 19.068 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN018121.D

Acq: 20 Dec 2021 14:22

Instrument :

BNA_N

ClientSampleId :

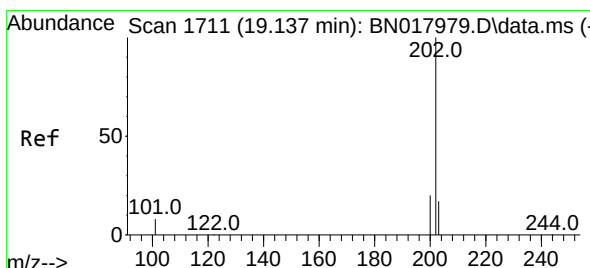
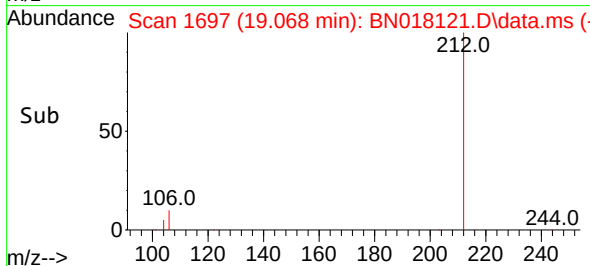
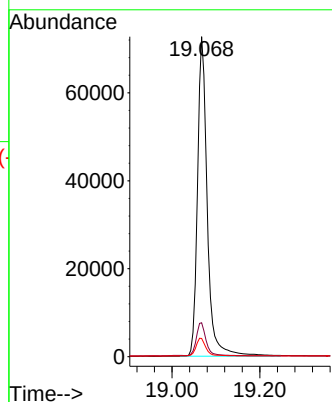
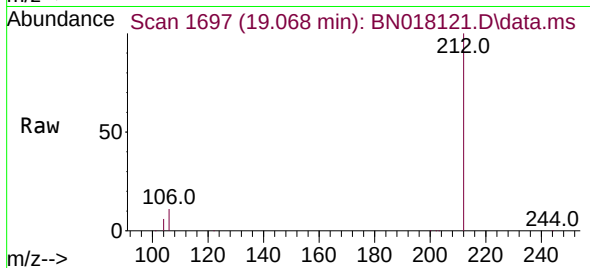
Tgt Ion:212 Resp: 112509

Ion Ratio Lower Upper

212 100

106 10.6 8.4 12.6

104 5.7 4.5 6.7



#28

Fluoranthene

Concen: 0.020 ng

RT: 19.097 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BN018121.D

Acq: 20 Dec 2021 14:22

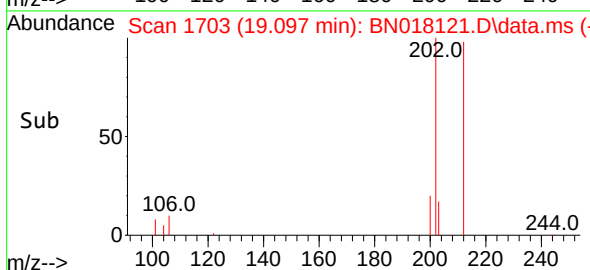
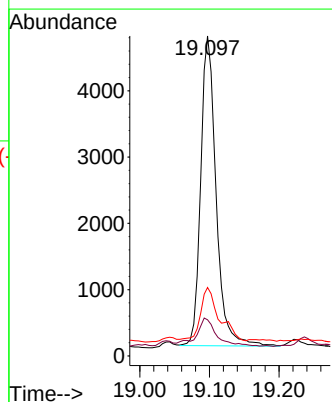
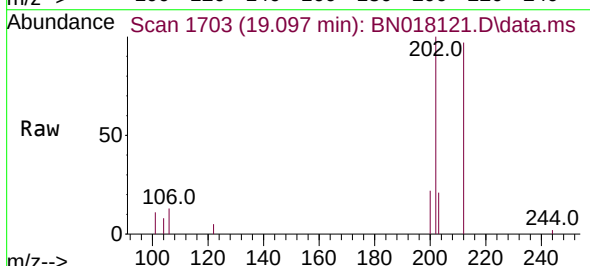
Tgt Ion:202 Resp: 7189

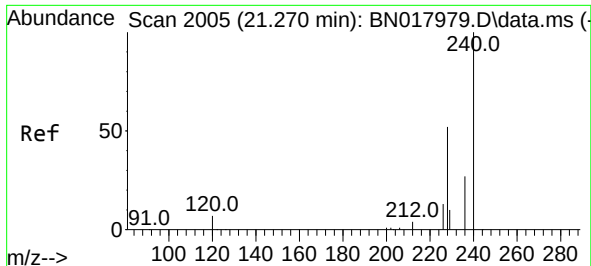
Ion Ratio Lower Upper

202 100

101 12.1 7.2 10.8#

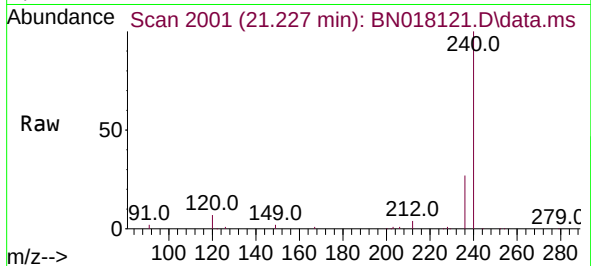
203 22.2 13.7 20.5#



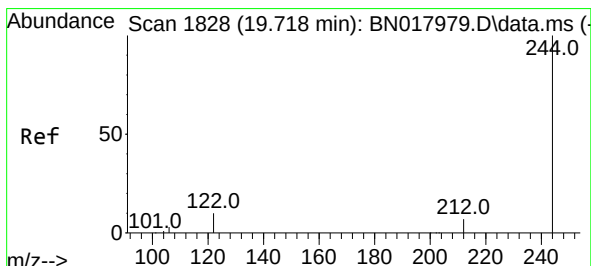
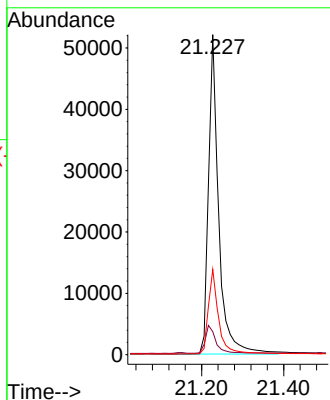
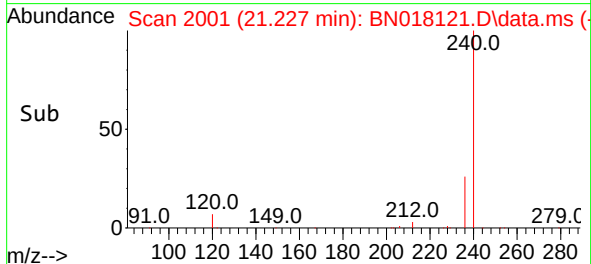


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 20
Delta R.T. -0.001 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

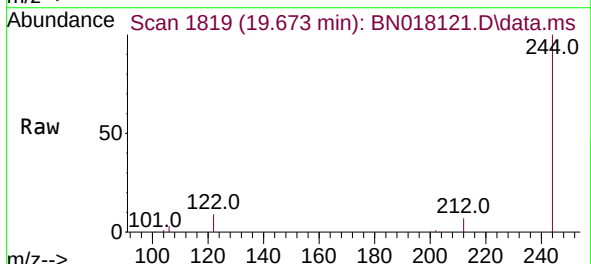
Instrument :
BNA_N
ClientSampleId :



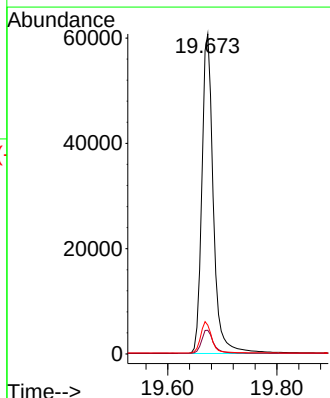
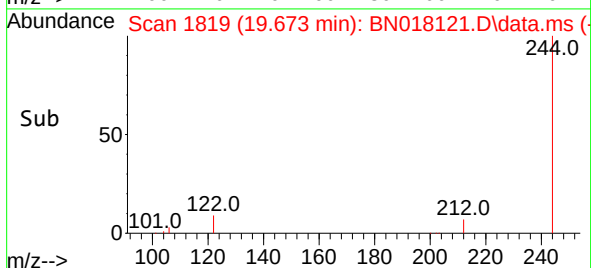
Tgt Ion:240 Resp: 89867
Ion Ratio Lower Upper
240 100
120 7.2 6.0 9.0
236 26.6 21.4 32.2

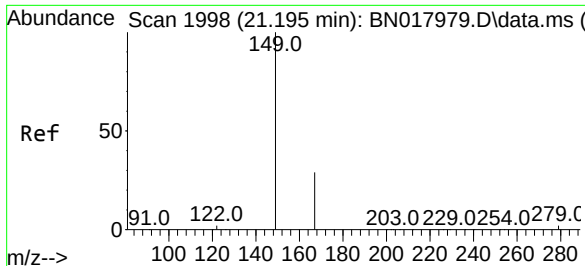


#31
Terphenyl-d14
Concen: 0.475 ng
RT: 19.673 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22



Tgt Ion:244 Resp: 88871
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.0 7.9 11.9

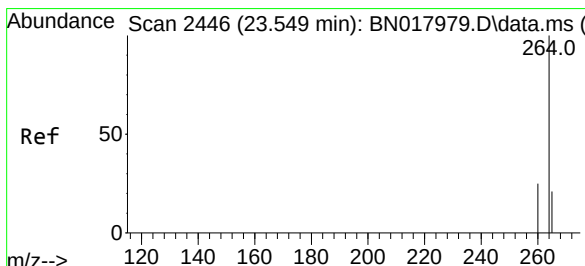
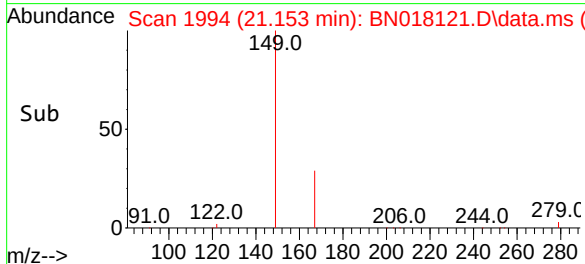
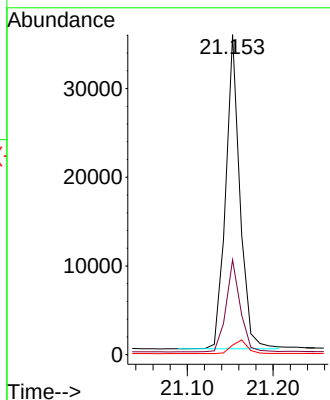
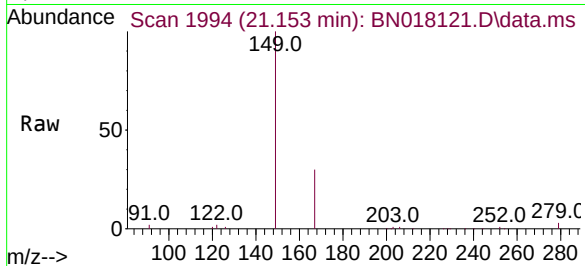




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.307 ng
 RT: 21.153 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: BN018121.D
 Acq: 20 Dec 2021 14:22

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 40709
 Ion Ratio Lower Upper
 149 100
 167 29.2 23.7 35.5
 279 4.7 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.477 min Scan# 2425
 Delta R.T. 0.003 min
 Lab File: BN018121.D
 Acq: 20 Dec 2021 14:22

Tgt Ion:264 Resp: 62263
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.2 30.4
 265 26.3 18.2 27.2

