

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
 Data File : BN018127.D
 Acq On : 20 Dec 2021 18:04
 Operator : CG/JU
 Sample : M5137-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 18:44:02 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)

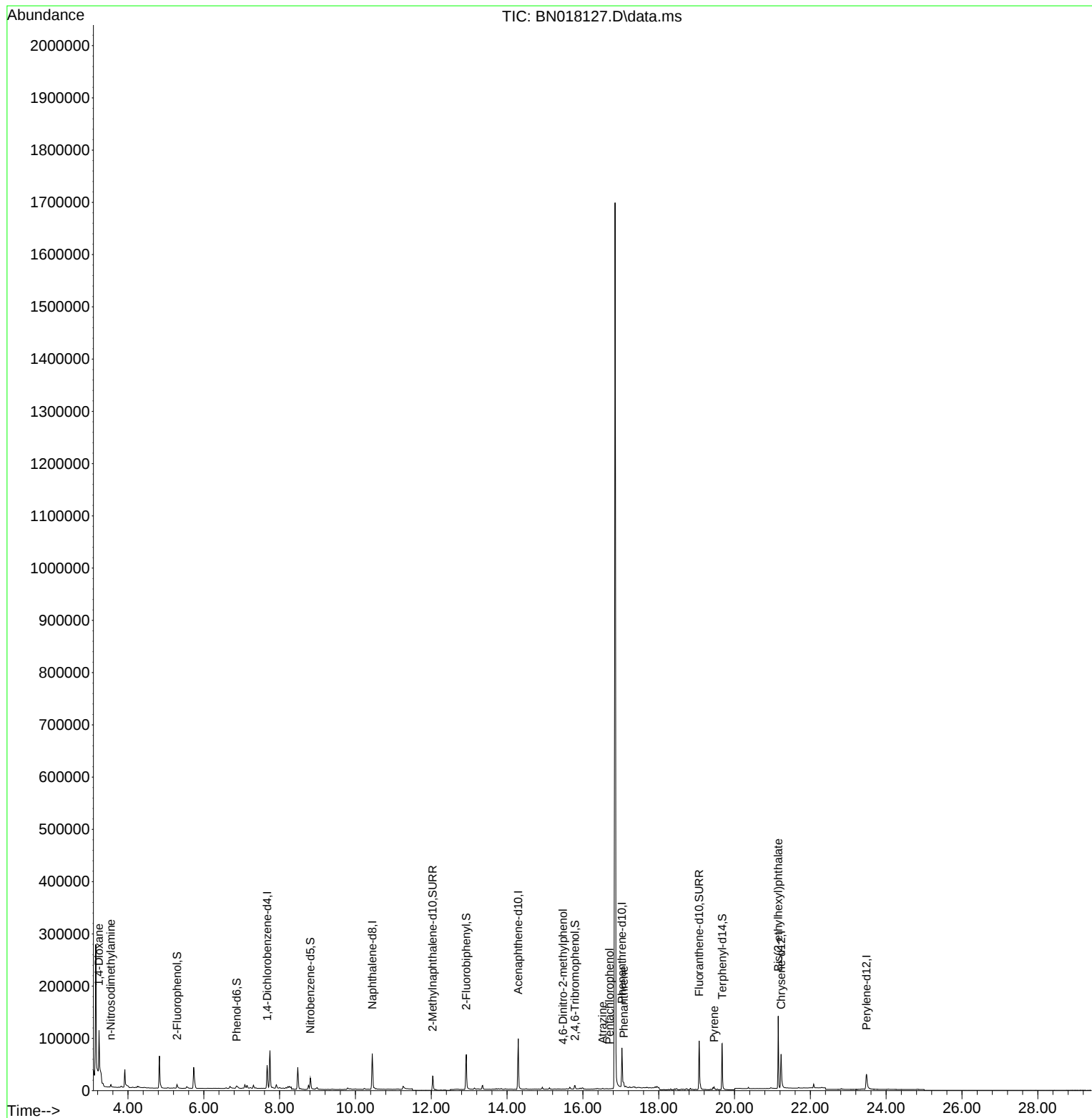
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	23180	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	94472	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	58840	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	107558	0.400	ng	0.00
29) Chrysene-d12	21.227	240	82215	0.400	ng	0.00
35) Perylene-d12	23.481	264	54780	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	7112	0.142	ng	0.02
5) Phenol-d6	6.868	99	4181	0.083	ng	0.02
8) Nitrobenzene-d5	8.810	82	20525	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	44796	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	7328	0.386	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	68844	0.336	ng	0.00
27) Fluoranthene-d10	19.068	212	122360	0.341	ng	0.00
31) Terphenyl-d14	19.674	244	103737	0.605	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.235	88	45863	3.175	ng	# 56
3) n-Nitrosodimethylamine	3.548	42	642	0.030	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.474	198	17	0.209	ng	# 1
23) Atrazine	16.519	200	134	0.083	ng	# 1
24) Pentachlorophenol	16.701	266	77	0.247	ng	95
25) Phenanthrene	17.078	178	10767	0.039	ng	96
30) Pyrene	19.460	202	5681	0.021	ng	99
34) Bis(2-ethylhexyl)phtha...	21.153	149	111220	0.916	ng	100

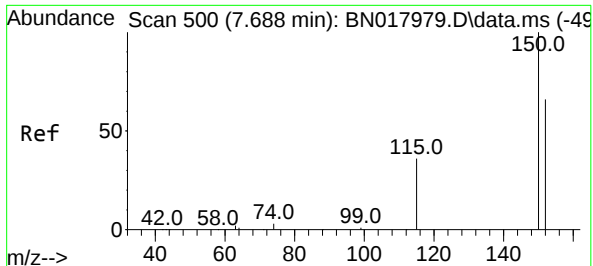
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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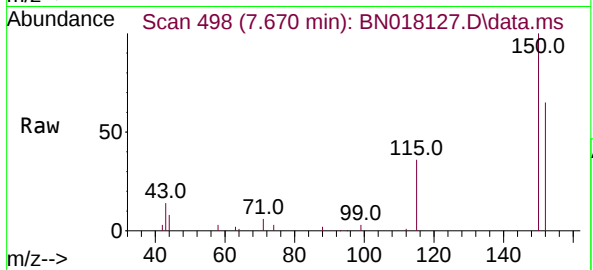
Quant Time: Dec 20 18:44:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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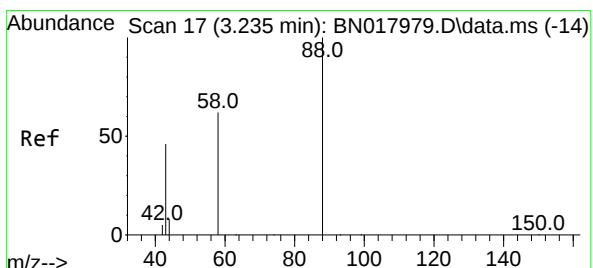
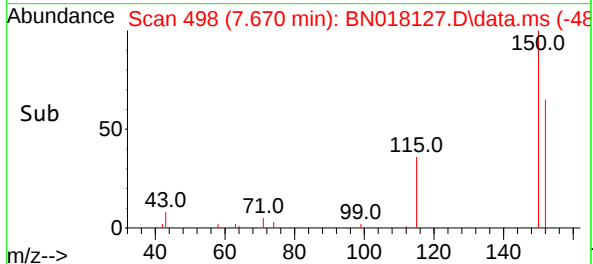
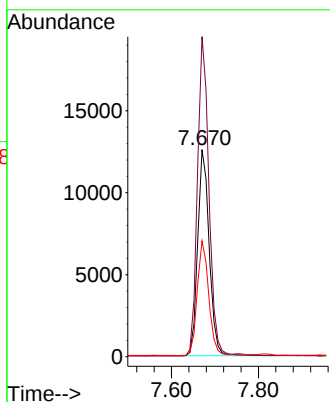


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: BN018127.D
 Acq: 20 Dec 2021 18:04

Instrument :
 BNA_N
 ClientSampleId :

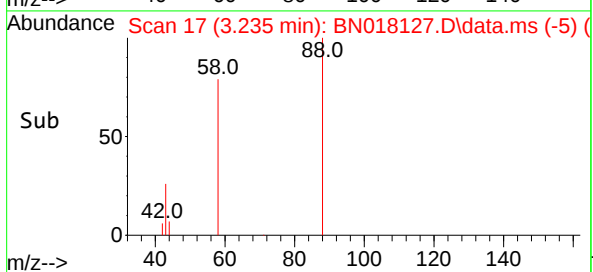
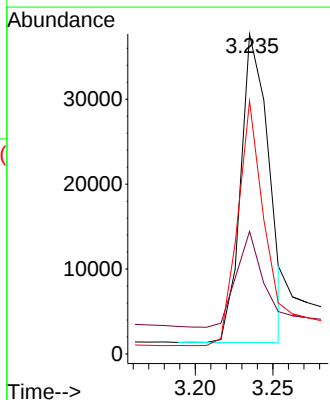
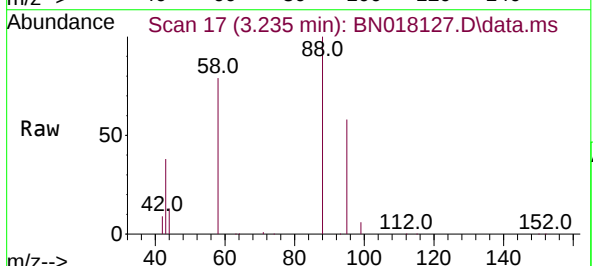


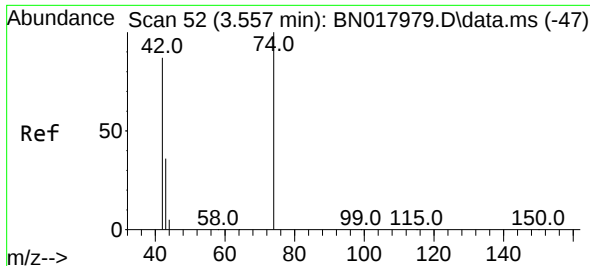
Tgt Ion:152 Resp: 23180
 Ion Ratio Lower Upper
 152 100
 150 154.6 121.7 182.5
 115 55.9 43.8 65.8



#2
 1,4-Dioxane
 Concen: 3.175 ng
 RT: 3.235 min Scan# 17
 Delta R.T. 0.009 min
 Lab File: BN018127.D
 Acq: 20 Dec 2021 18:04

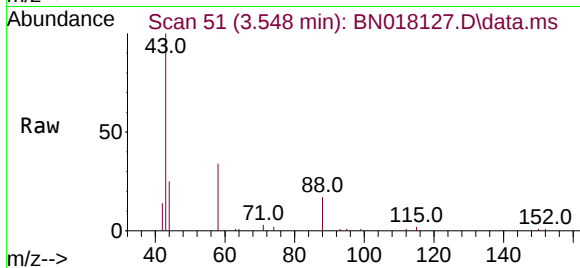
Tgt Ion: 88 Resp: 45863
 Ion Ratio Lower Upper
 88 100
 43 29.7 69.7 104.5#
 58 74.4 83.8 125.8#



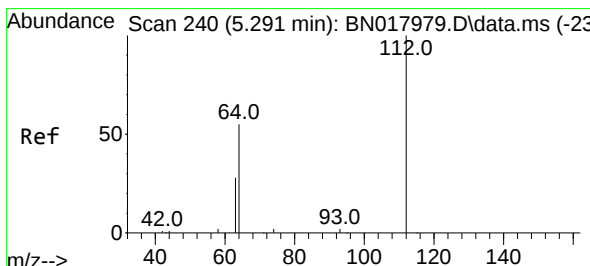
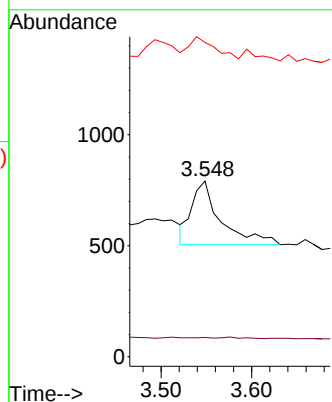
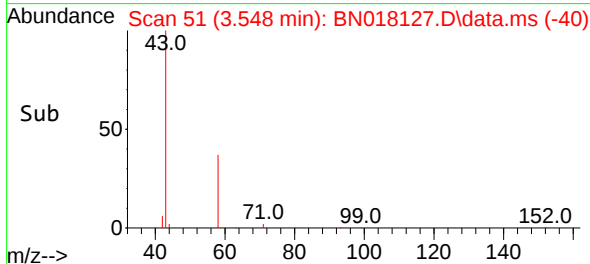


#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.548 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Instrument :
BNA_N
ClientSampleId :

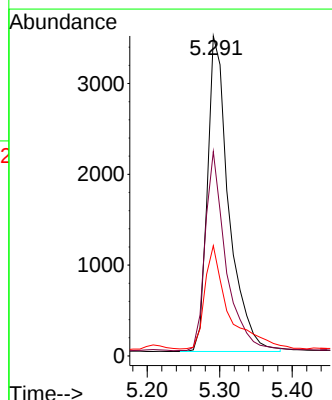
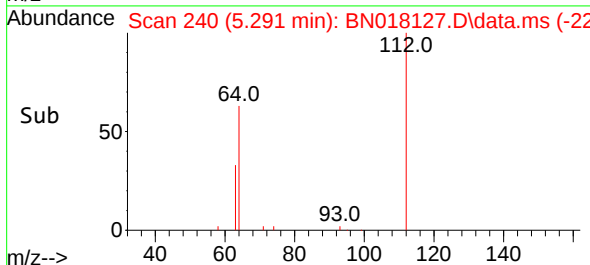
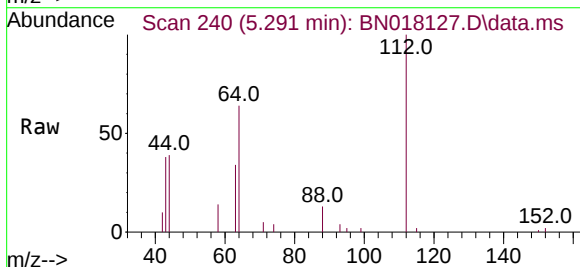


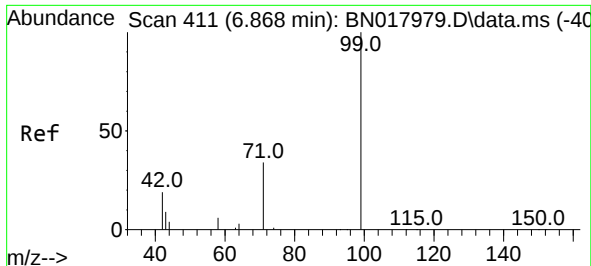
Tgt Ion: 42 Resp: 642
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 29.9 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.018 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Tgt Ion: 112 Resp: 7112
Ion Ratio Lower Upper
112 100
64 61.0 48.0 72.0
63 35.6 25.3 37.9

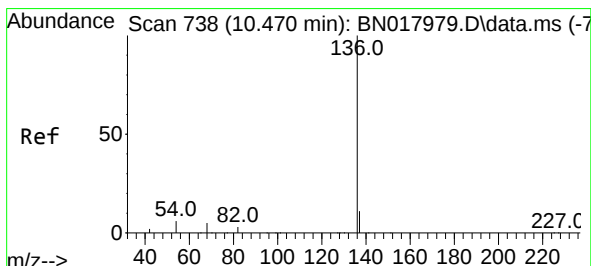
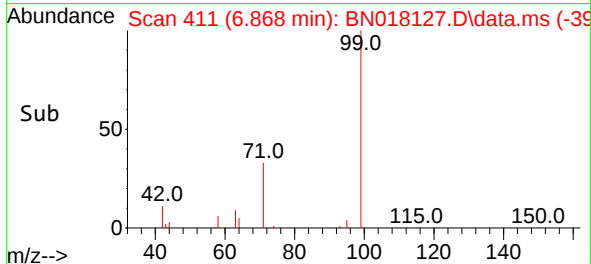
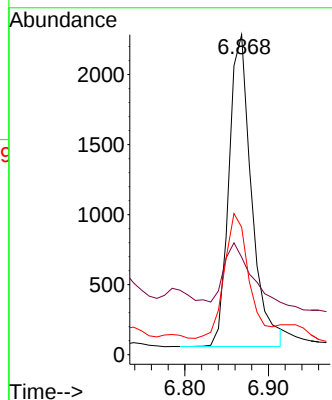
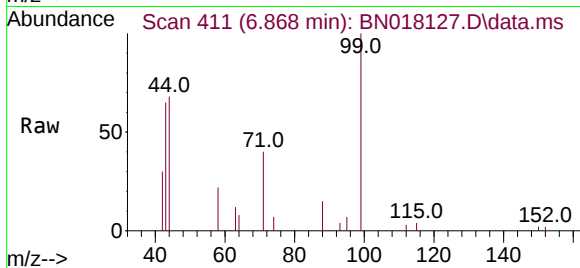




#5
Phenol-d6
Concen: 0.083 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.018 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

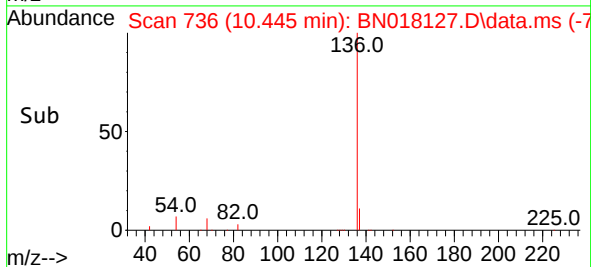
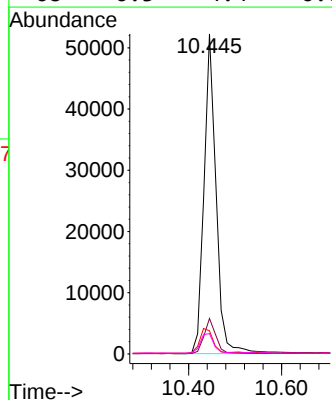
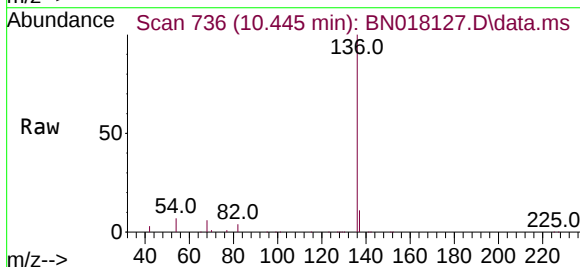
Instrument :
BNA_N
ClientSampleId :

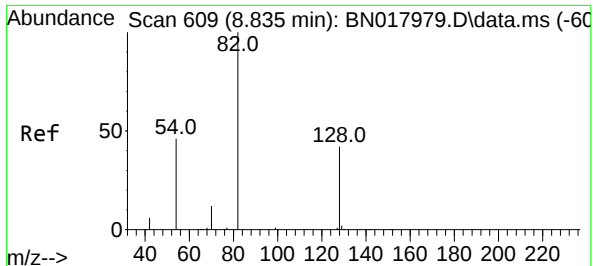
Tgt Ion: 99 Resp: 4181
Ion Ratio Lower Upper
99 100
42 20.9 16.3 24.5
71 43.5 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

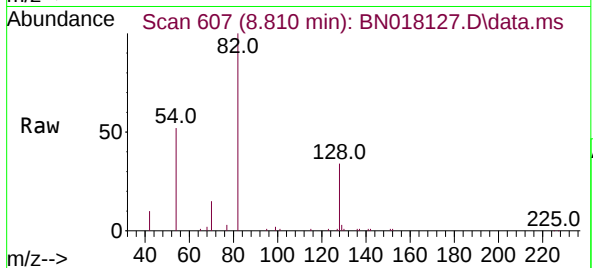
Tgt Ion: 136 Resp: 94472
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.2 5.0 7.6
68 6.3 4.4 6.6



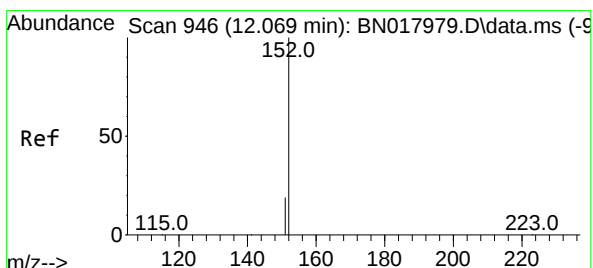
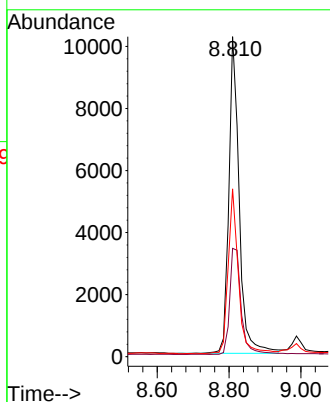
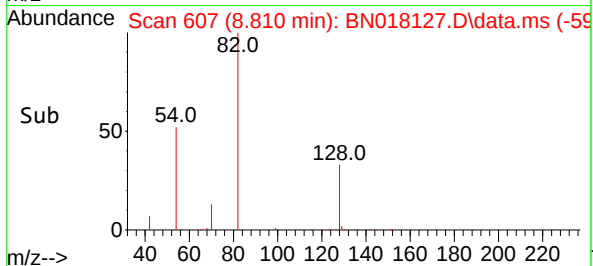


#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.810 min Scan# 609
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Instrument :
BNA_N
ClientSampleId :

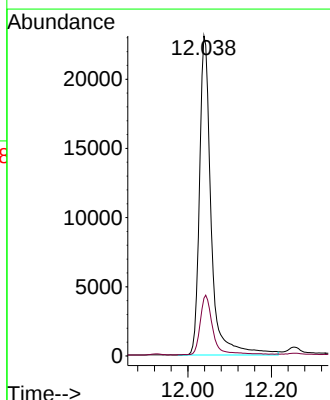
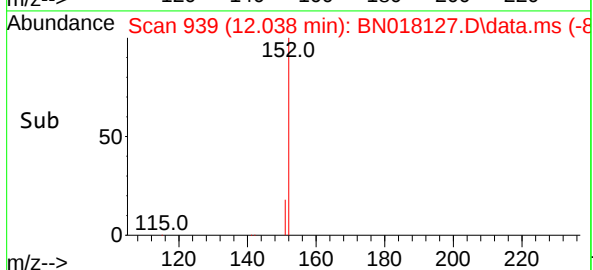
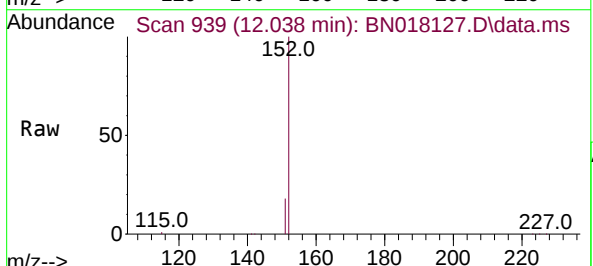


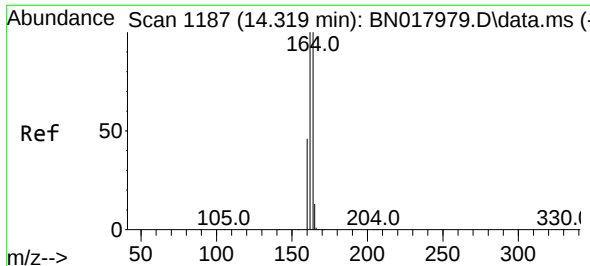
Tgt Ion: 82 Resp: 20525
Ion Ratio Lower Upper
82 100
128 33.9 33.7 50.5
54 52.4 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

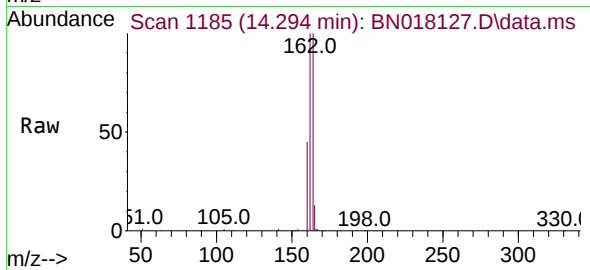
Tgt Ion: 152 Resp: 44796
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2



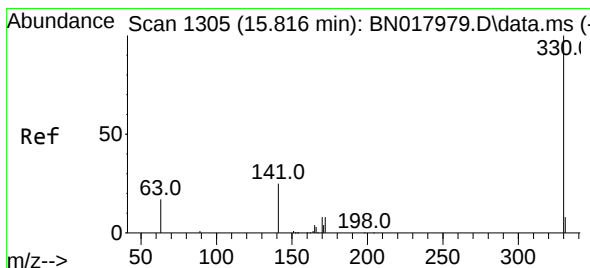
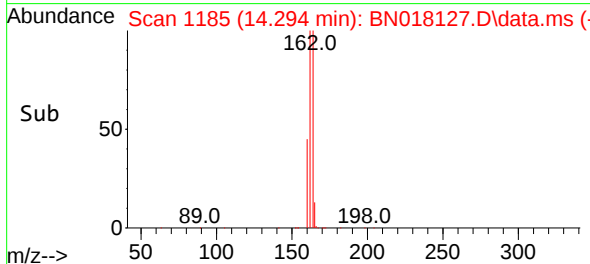
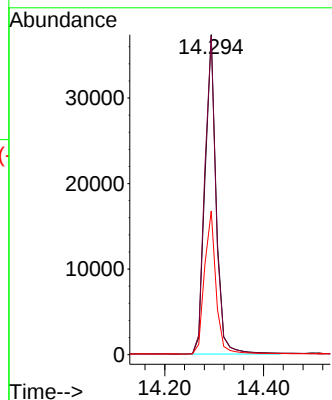


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Instrument :
BNA_N
ClientSampleId :

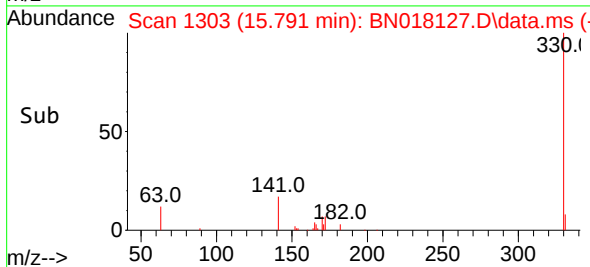
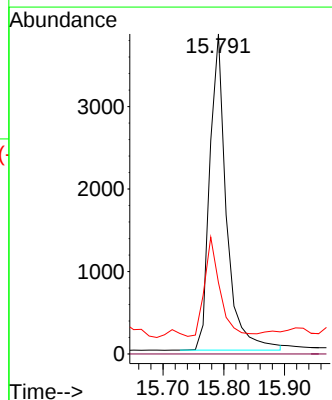
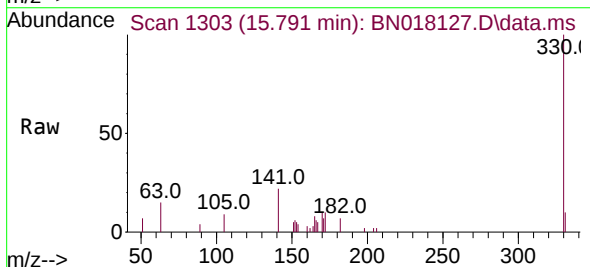


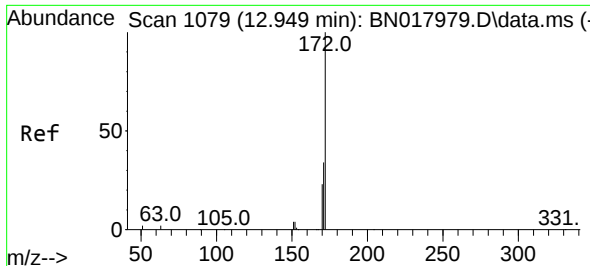
Tgt Ion:164 Resp: 58840
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.2
160 44.9 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Tgt Ion:330 Resp: 7328
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.1 21.3 31.9

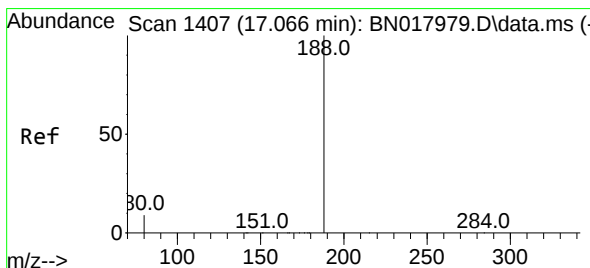
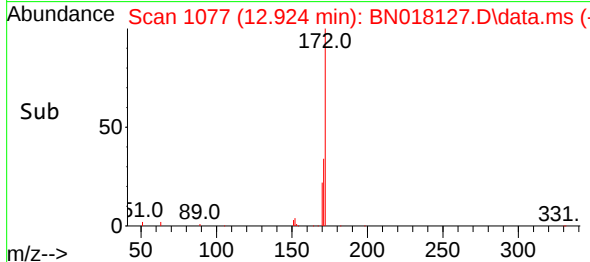
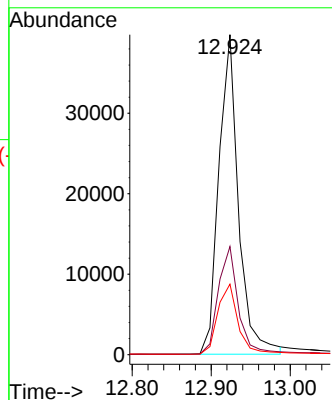
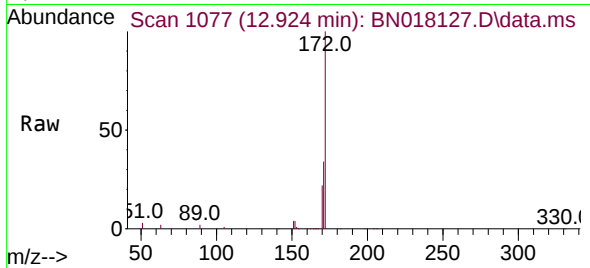




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

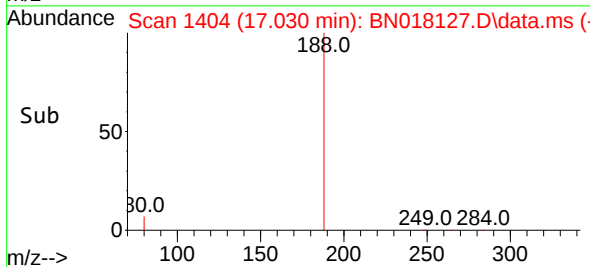
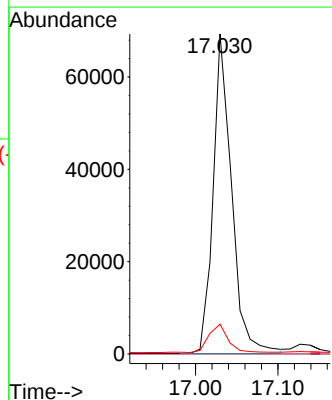
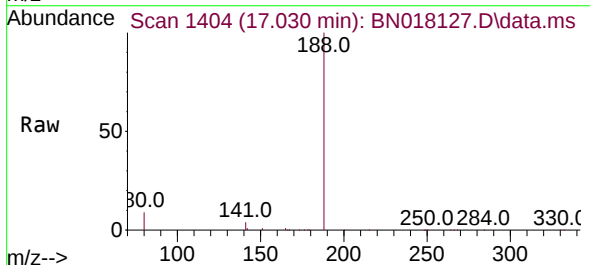
Instrument :
BNA_N
ClientSampleId :

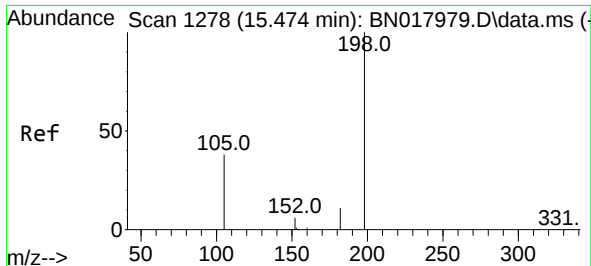
Tgt Ion:172 Resp: 68844
Ion Ratio Lower Upper
172 100
171 33.8 27.4 41.0
170 22.1 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Tgt Ion:188 Resp: 107558
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.0 10.4

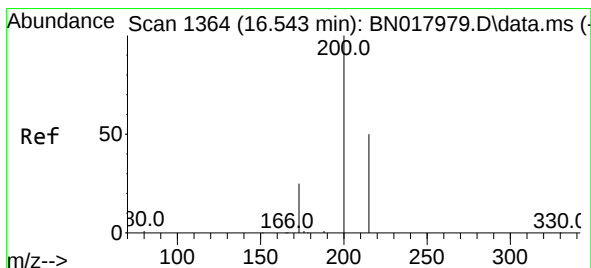
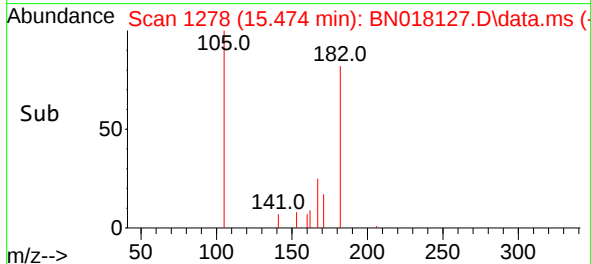
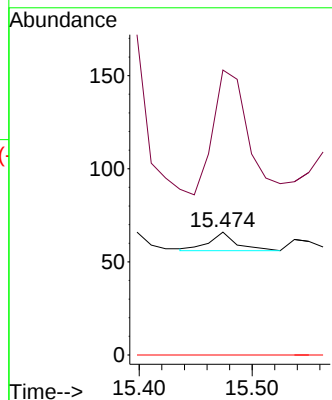
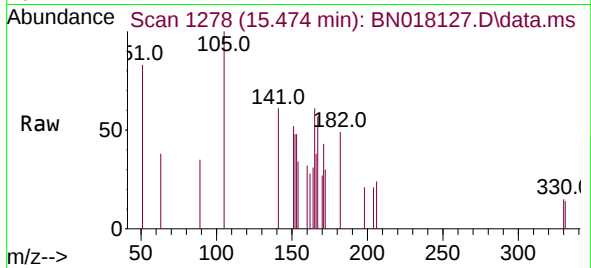




#20
4,6-Dinitro-2-methylphenol
Concen: 0.209 ng
RT: 15.474 min Scan# 11
Delta R.T. 0.038 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

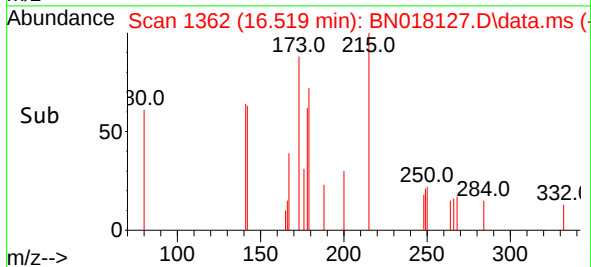
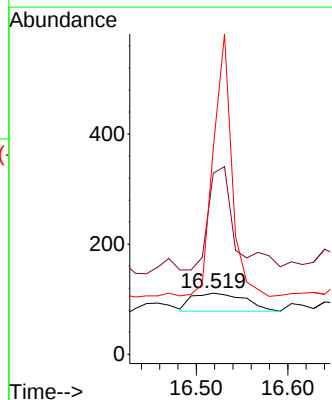
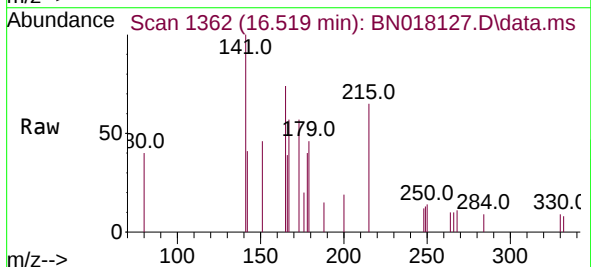
Instrument :
BNA_N
ClientSampleId :

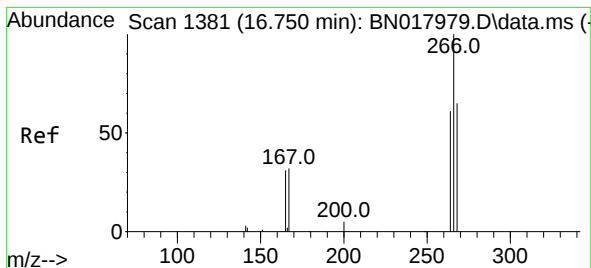
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
182 231.8 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.083 ng
RT: 16.519 min Scan# 1362
Delta R.T. 0.012 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Tgt Ion:200 Resp: 134
Ion Ratio Lower Upper
200 100
173 296.4 20.3 30.5#
215 337.8 40.4 60.6#





#24

Pentachlorophenol

Concen: 0.247 ng

RT: 16.701 min Scan# 11

Delta R.T. -0.000 min

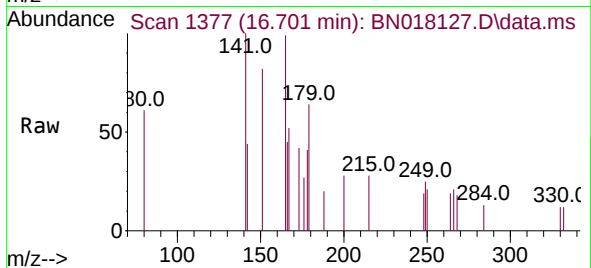
Lab File: BN018127.D

Acq: 20 Dec 2021 18:04

Instrument :

BNA_N

ClientSampleId :



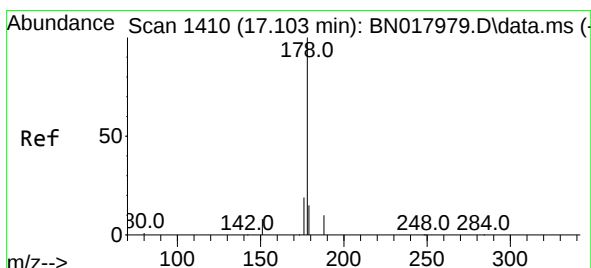
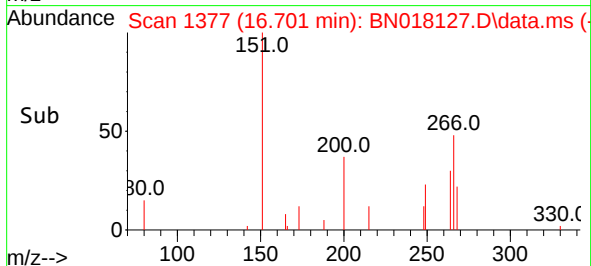
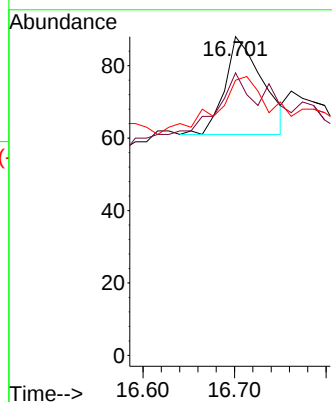
Tgt Ion:266 Resp: 77

Ion Ratio Lower Upper

266 100

264 54.5 49.5 74.3

268 62.3 50.6 76.0



#25

Phenanthrene

Concen: 0.039 ng

RT: 17.078 min Scan# 1408

Delta R.T. -0.000 min

Lab File: BN018127.D

Acq: 20 Dec 2021 18:04

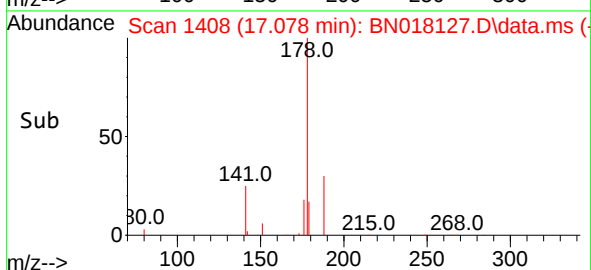
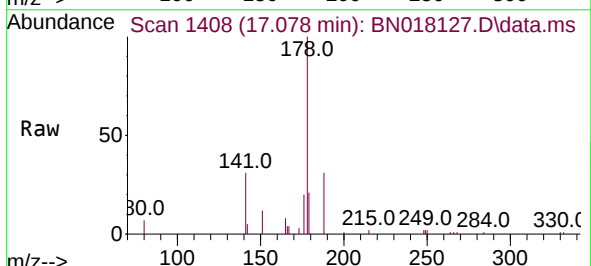
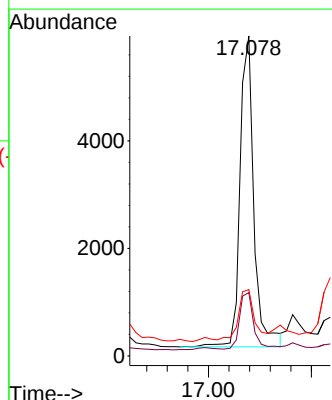
Tgt Ion:178 Resp: 10767

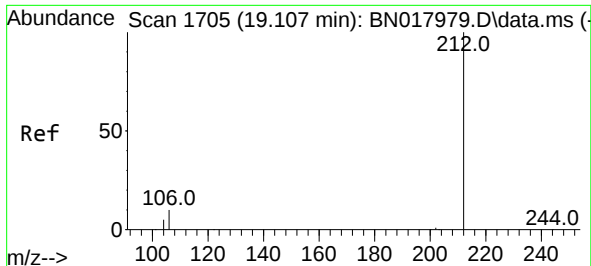
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

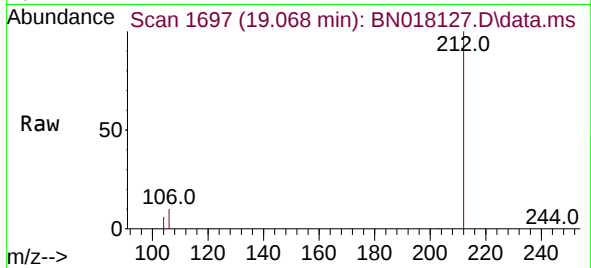
179 18.4 12.3 18.5



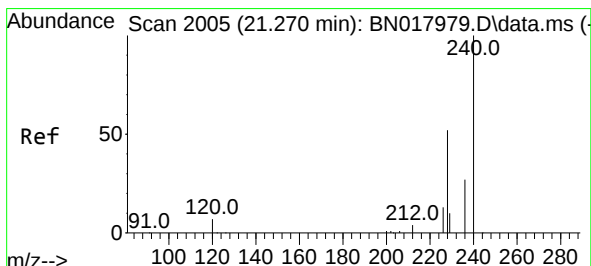
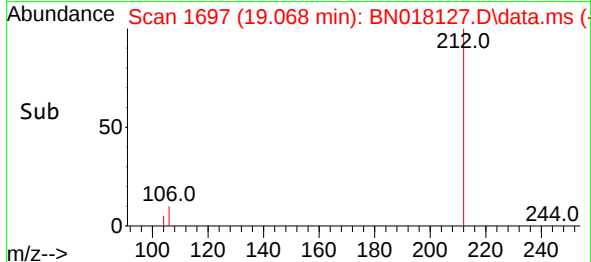
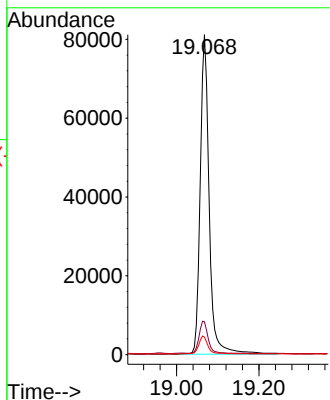


#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.068 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Instrument :
BNA_N
ClientSampleId :

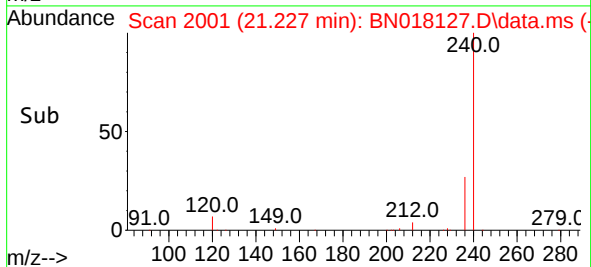
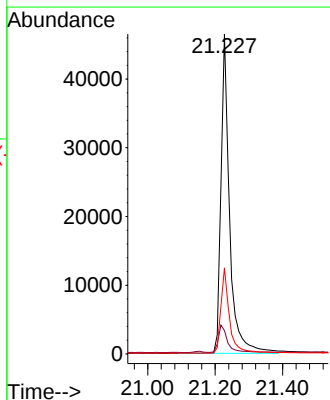
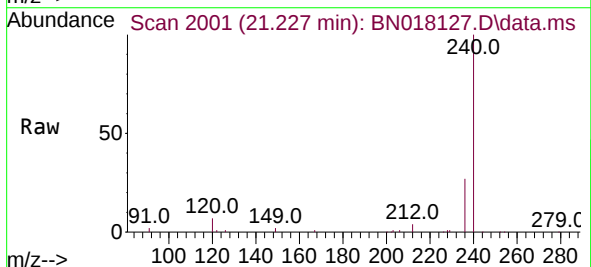


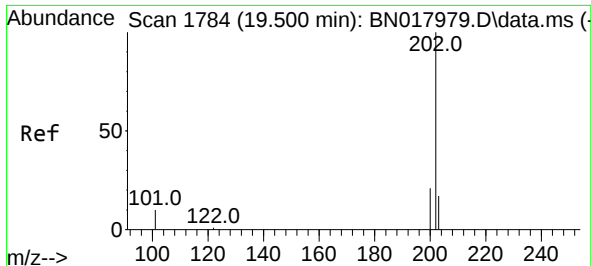
Tgt Ion:212 Resp: 122360
Ion Ratio Lower Upper
212 100
106 9.9 8.4 12.6
104 5.7 4.5 6.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Tgt Ion:240 Resp: 82215
Ion Ratio Lower Upper
240 100
120 7.3 6.0 9.0
236 26.9 21.4 32.2

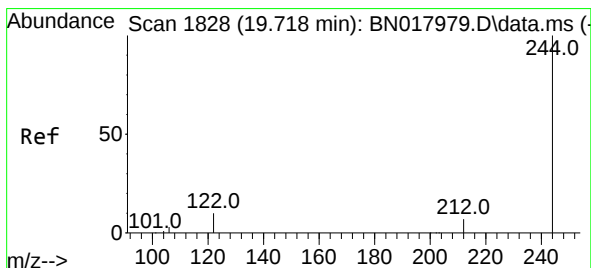
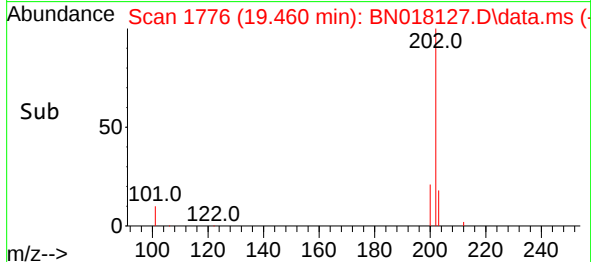
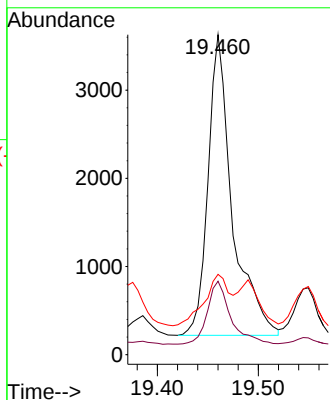
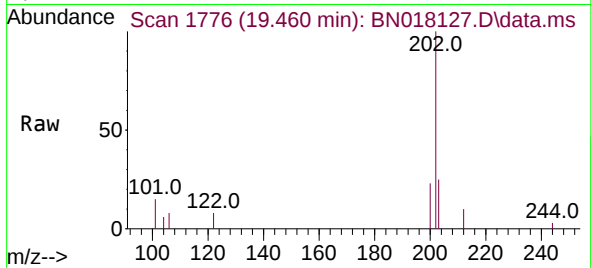




#30
Pyrene
Concen: 0.021 ng
RT: 19.460 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

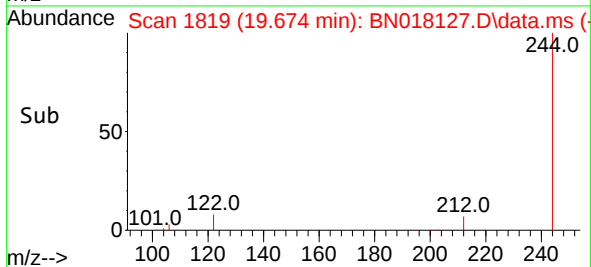
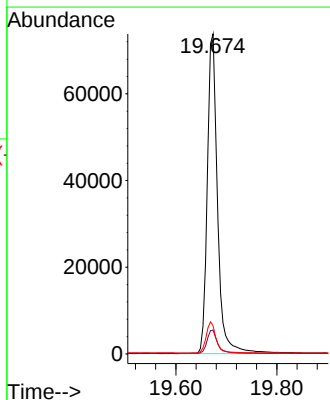
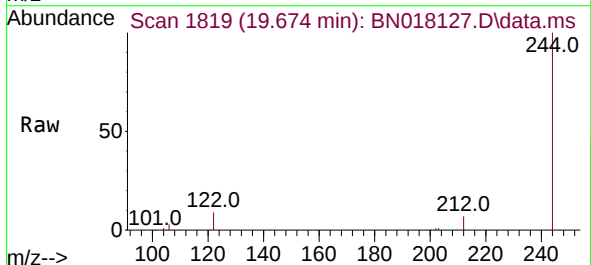
Instrument :
BNA_N
ClientSampleId :

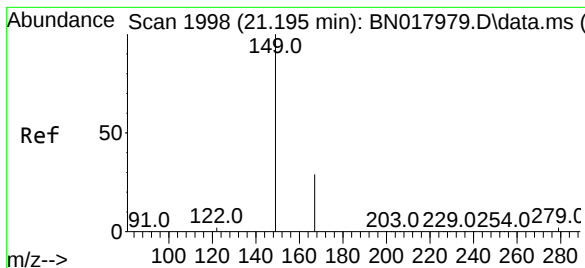
Tgt Ion:202 Resp: 5681
Ion Ratio Lower Upper
202 100
200 20.2 16.6 25.0
203 17.7 14.1 21.1



#31
Terphenyl-d14
Concen: 0.605 ng
RT: 19.674 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Tgt Ion:244 Resp: 103737
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 8.8 7.9 11.9

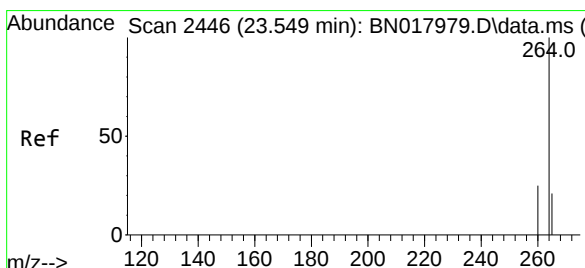
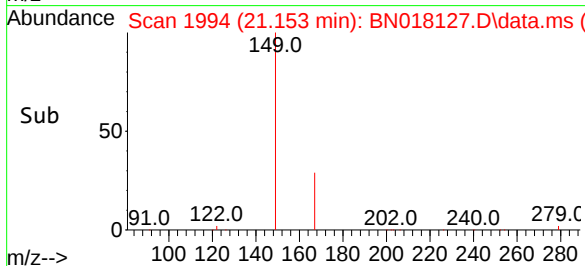
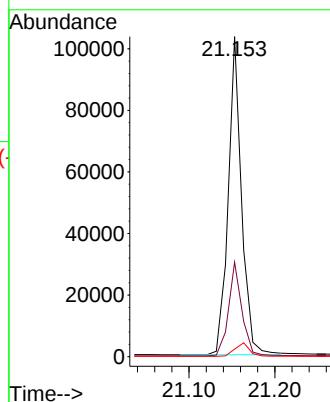
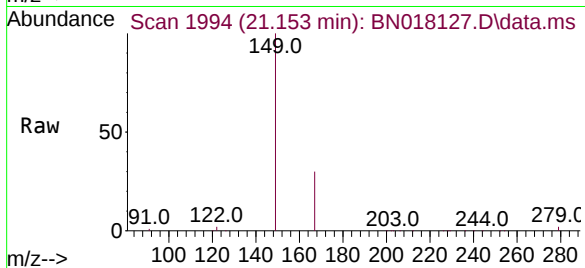




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.916 ng
 RT: 21.153 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: BN018127.D
 Acq: 20 Dec 2021 18:04

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 111220
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.7 35.5
 279 4.6 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. 0.007 min
 Lab File: BN018127.D
 Acq: 20 Dec 2021 18:04

Tgt Ion:264 Resp: 54780
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.4
 265 26.5 18.2 27.2

