

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
 Data File : BN018291.D
 Acq On : 30 Dec 2021 11:55
 Operator : CG/JU
 Sample : PB141692BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141692BL

Quant Time: Dec 31 08:21:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

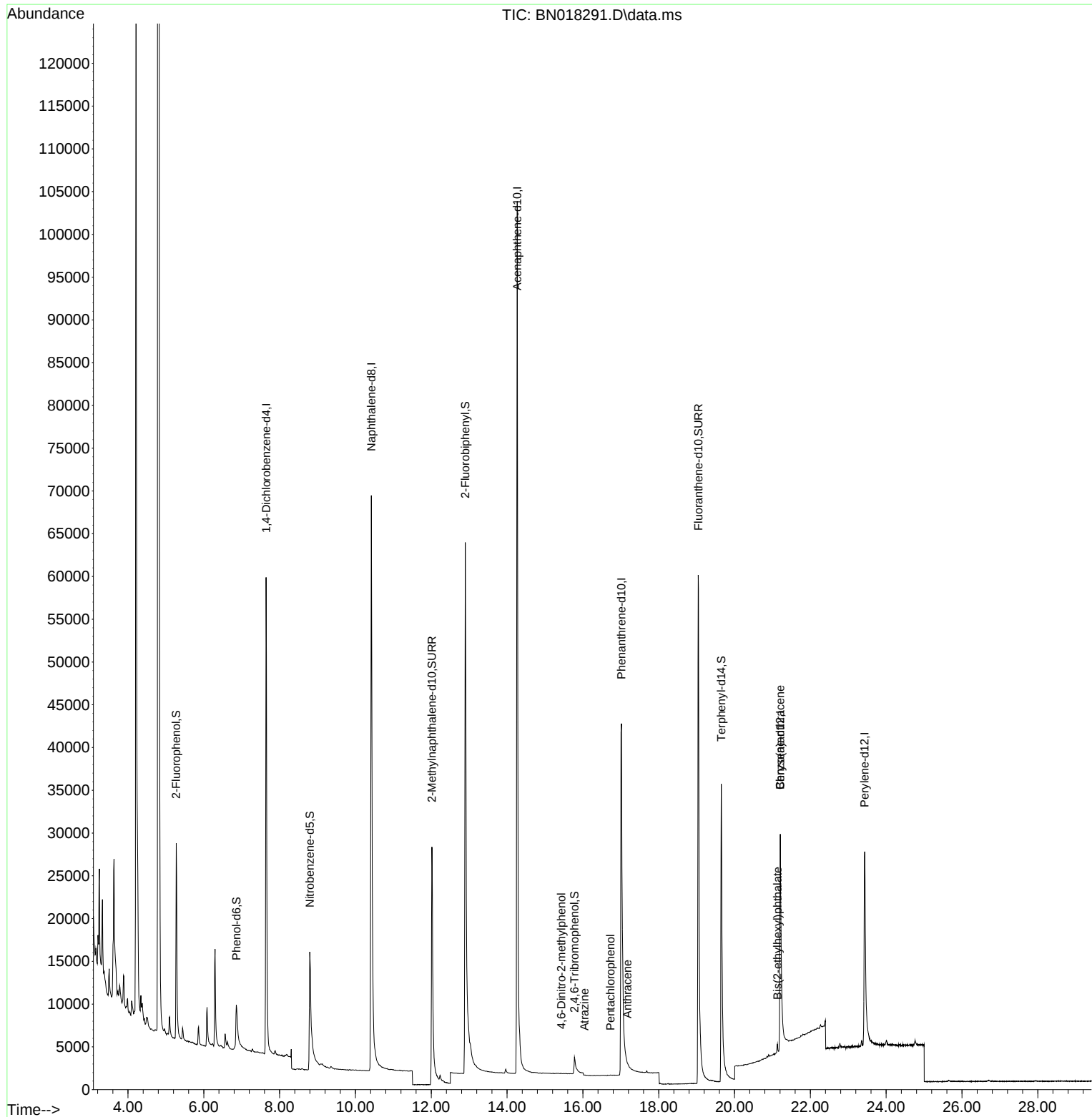
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	33677	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	125853	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	75283	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	118217	0.400	ng	0.01
29) Chrysene-d12	21.206	240	49215	0.400	ng	# 0.01
35) Perylene-d12	23.433	264	46127	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	20956	0.311	ng	0.03
5) Phenol-d6	6.859	99	7795	0.119	ng	0.03
8) Nitrobenzene-d5	8.797	82	23058	0.384	ng	0.01
11) 2-Methylnaphthalene-d10	12.016	152	63311	0.299	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	3409	0.389	ng	0.01
15) 2-Fluorobiphenyl	12.899	172	81854	0.287	ng	0.00
27) Fluoranthene-d10	19.043	212	117513	0.312	ng	0.00
31) Terphenyl-d14	19.654	244	69571	0.556	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.436	198	7	0.206	ng	# 1
23) Atrazine	16.044	200	5	0.135	ng	# 1
24) Pentachlorophenol	16.726	266	35	0.180	ng	# 86
26) Anthracene	17.176	178	66	0.043	ng	# 61
32) Benzo(a)anthracene	21.206	228	429	0.059	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.132	149	1299	0.021	ng	# 97

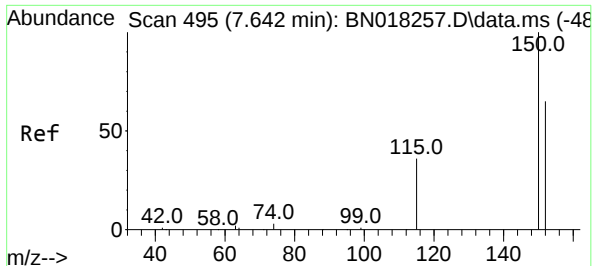
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

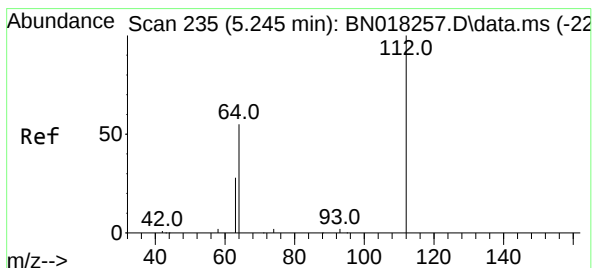
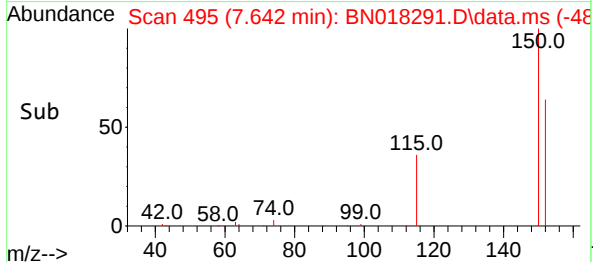
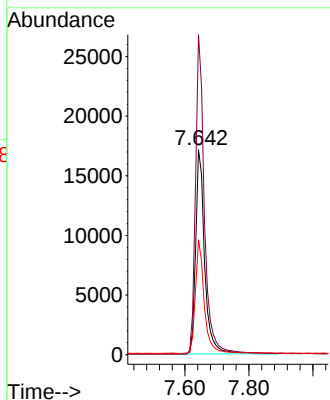
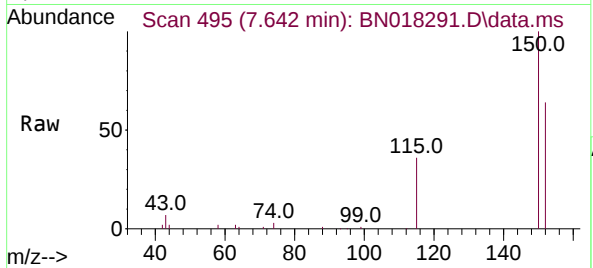




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN018291.D
 Acq: 30 Dec 2021 11:55

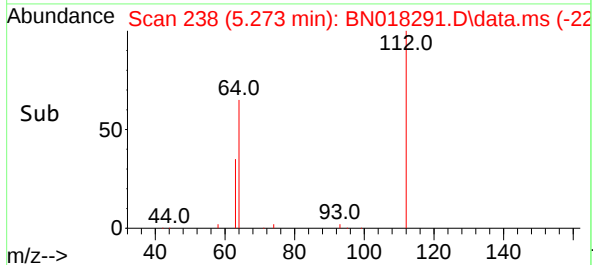
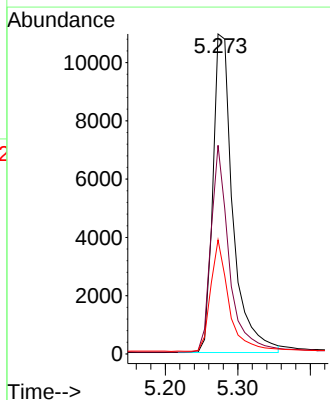
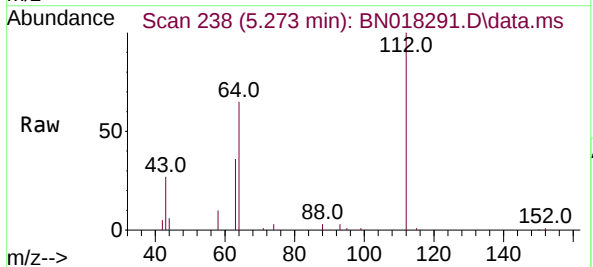
Instrument :
 BNA_N
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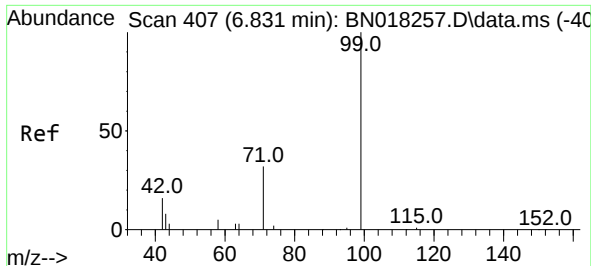
Tgt Ion:152 Resp: 33677
 Ion Ratio Lower Upper
 152 100
 150 156.1 121.7 182.5
 115 56.1 43.8 65.8



#4
 2-Fluorophenol
 Concen: 0.311 ng
 RT: 5.273 min Scan# 238
 Delta R.T. 0.028 min
 Lab File: BN018291.D
 Acq: 30 Dec 2021 11:55

Tgt Ion:112 Resp: 20956
 Ion Ratio Lower Upper
 112 100
 64 59.0 48.0 72.0
 63 31.8 25.3 37.9

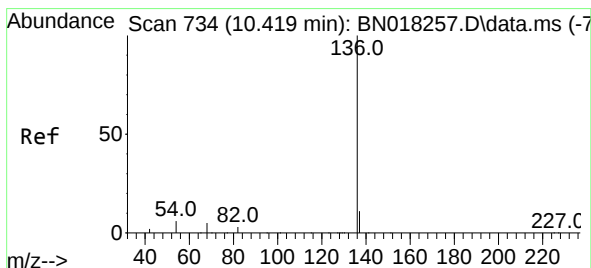
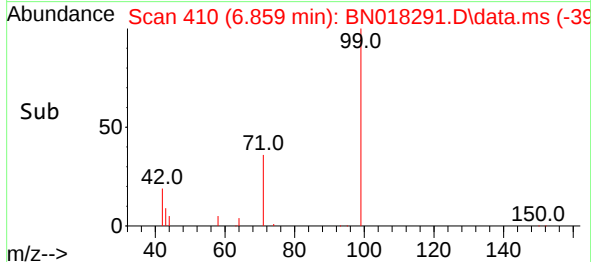
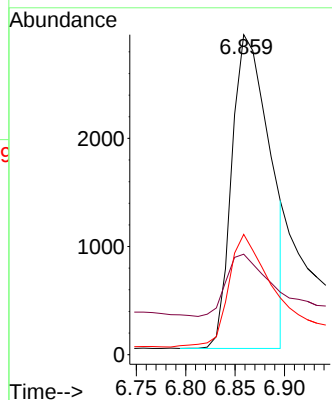
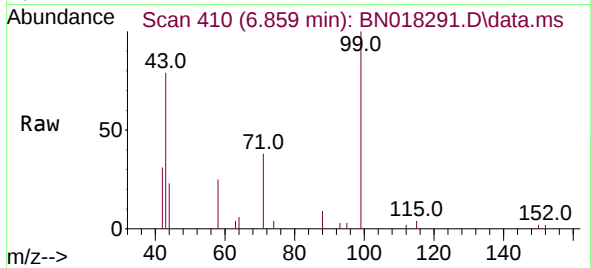




#5
Phenol-d6
Concen: 0.119 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.028 min
Lab File: BN018291.D
Acq: 30 Dec 2021 11:55

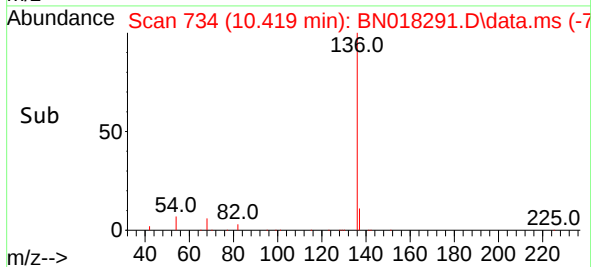
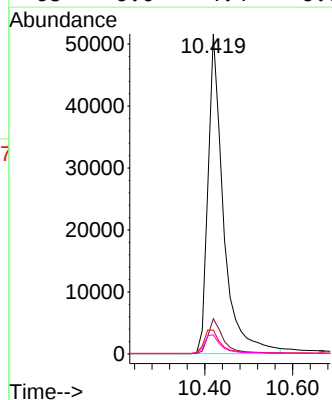
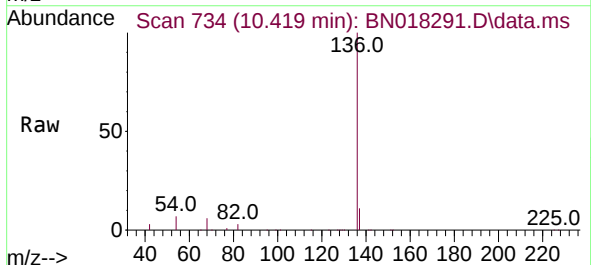
Instrument :
BNA_N
ClientSampleId :
PB141692BL

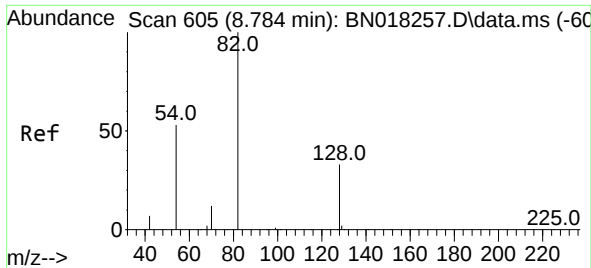
Tgt Ion: 99 Resp: 7795
Ion Ratio Lower Upper
99 100
42 20.9 16.3 24.5
71 36.7 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018291.D
Acq: 30 Dec 2021 11:55

Tgt Ion: 136 Resp: 125853
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 5.0 7.6
68 6.0 4.4 6.6

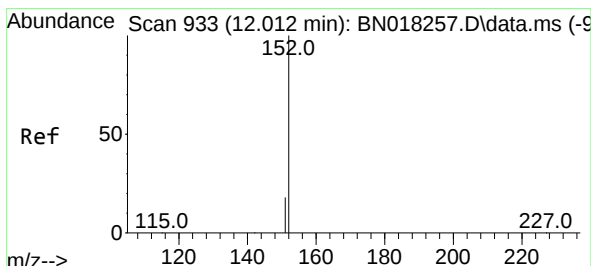
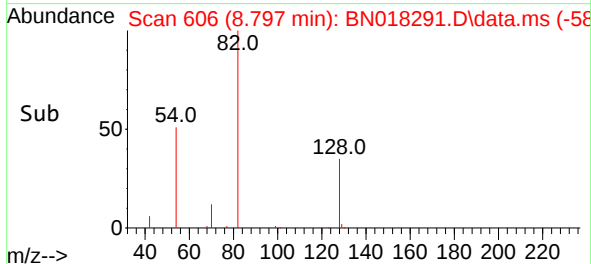
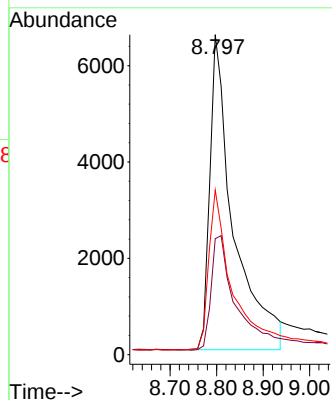
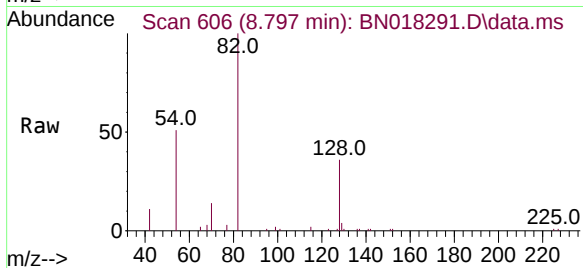




#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 8.797 min Scan# 605
Delta R.T. 0.013 min
Lab File: BN018291.D
Acq: 30 Dec 2021 11:55

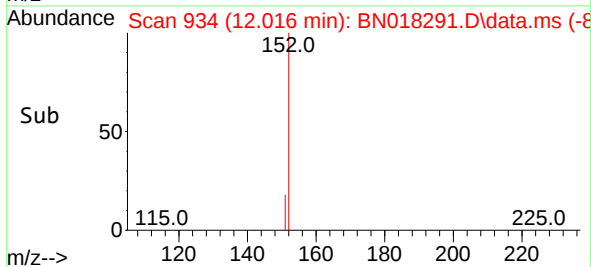
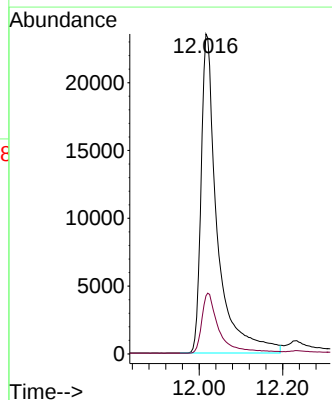
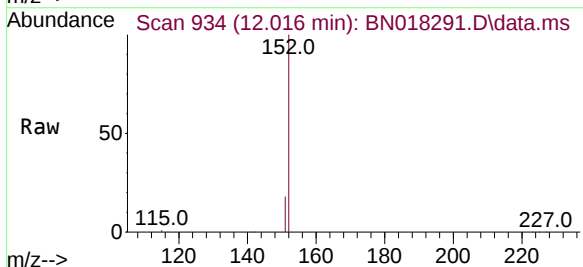
Instrument :
BNA_N
ClientSampleId :
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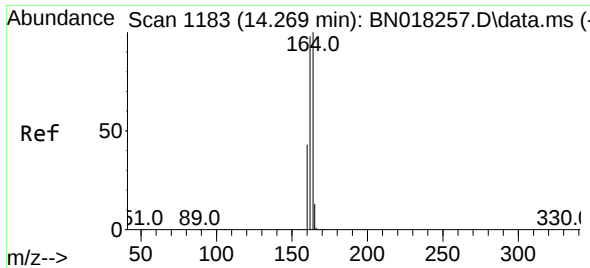
Tgt Ion: 82 Resp: 23058
Ion Ratio Lower Upper
82 100
128 36.3 33.7 50.5
54 51.5 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 12.016 min Scan# 934
Delta R.T. 0.004 min
Lab File: BN018291.D
Acq: 30 Dec 2021 11:55

Tgt Ion: 152 Resp: 63311
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

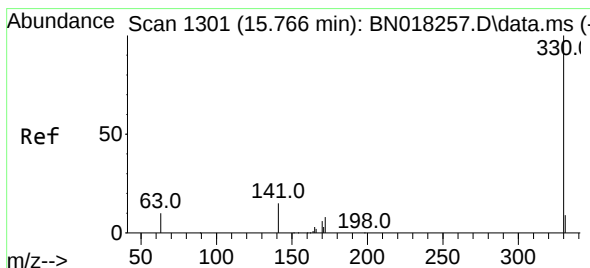
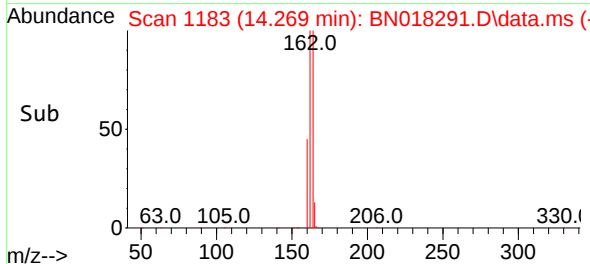
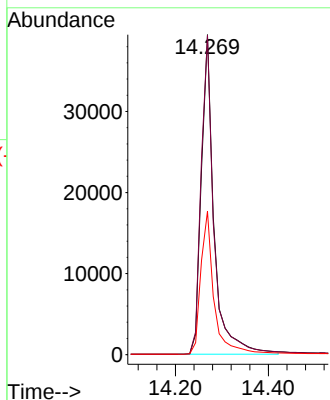
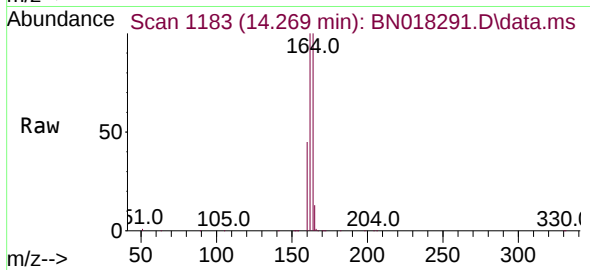




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018291.D
Acq: 30 Dec 2021 11:55

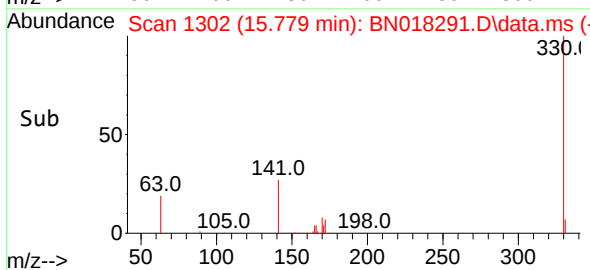
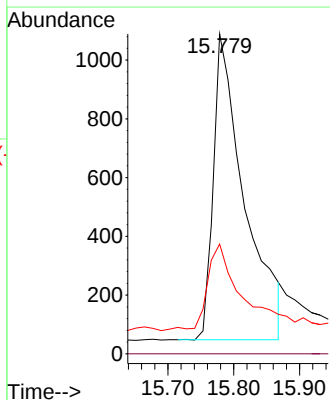
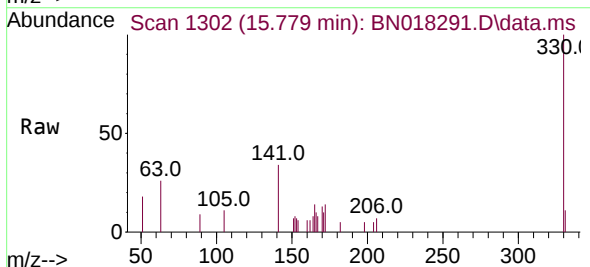
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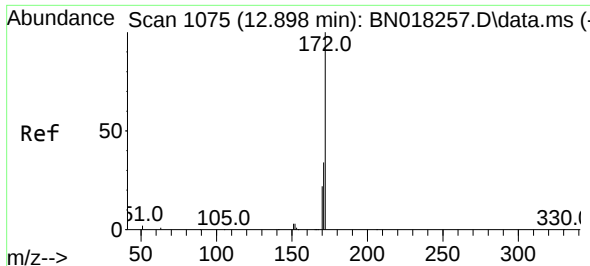
Tgt Ion:164 Resp: 75283
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 44.8 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.013 min
Lab File: BN018291.D
Acq: 30 Dec 2021 11:55

Tgt Ion:330 Resp: 3409
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.5 21.3 31.9

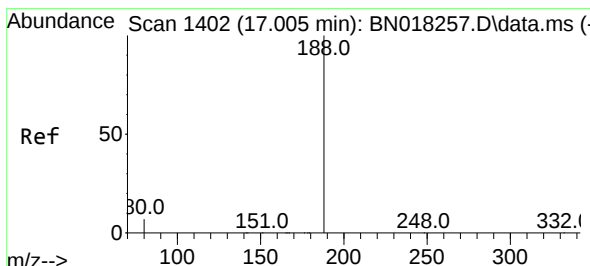
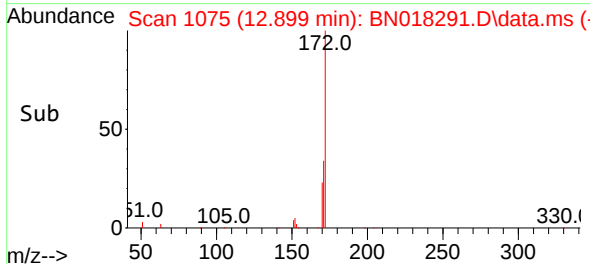
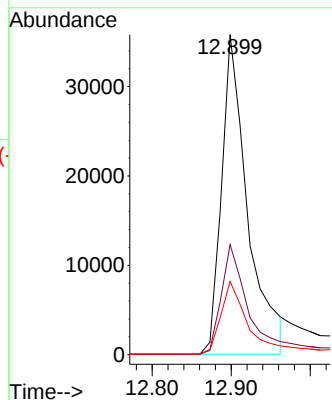
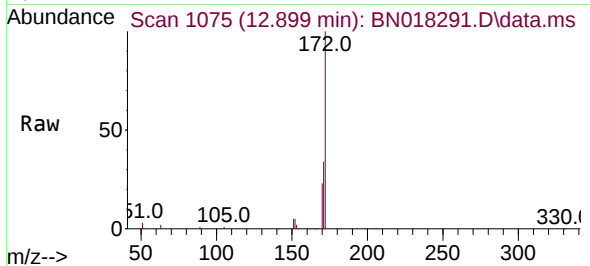




#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN018291.D
Acq: 30 Dec 2021 11:55

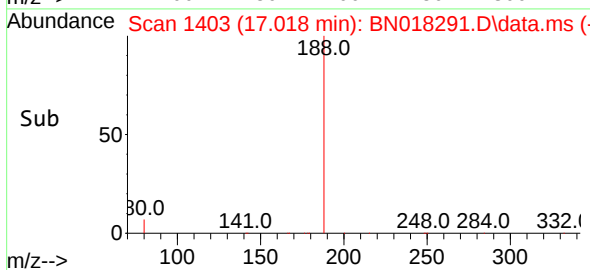
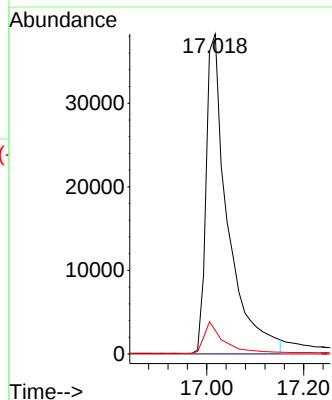
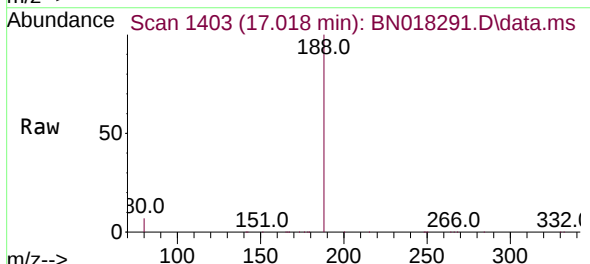
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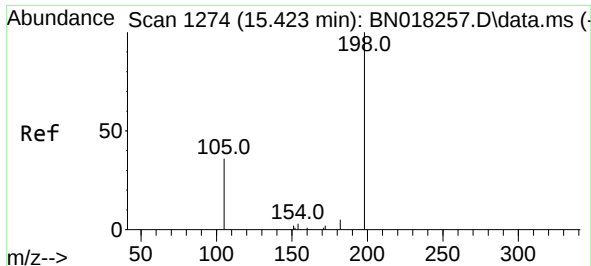
Tgt Ion:172 Resp: 81854
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 22.9 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN018291.D
Acq: 30 Dec 2021 11:55

Tgt Ion:188 Resp: 118217
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 7.0 10.4

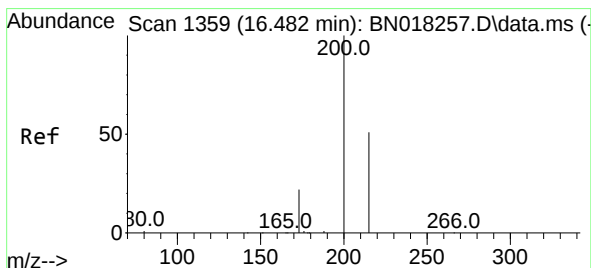
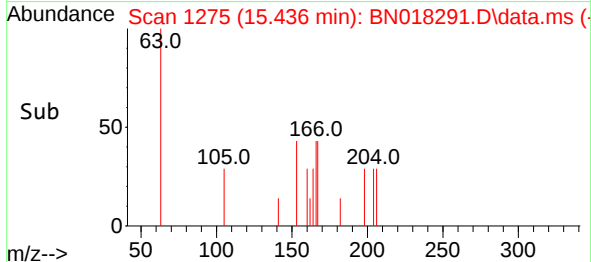
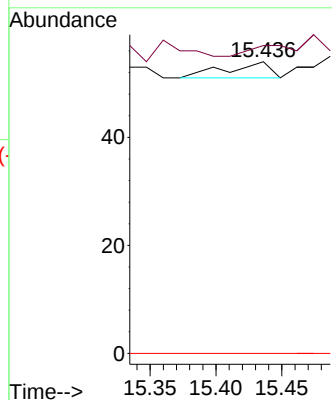
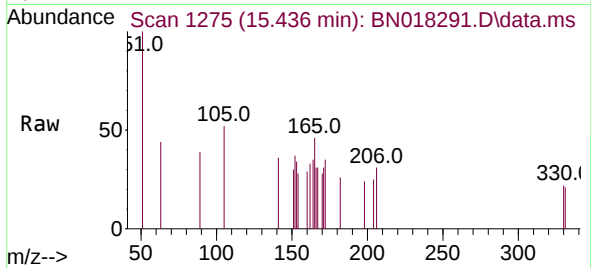




#20
4,6-Dinitro-2-methylphenol
Concen: 0.206 ng
RT: 15.436 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN018291.D
Acq: 30 Dec 2021 11:55

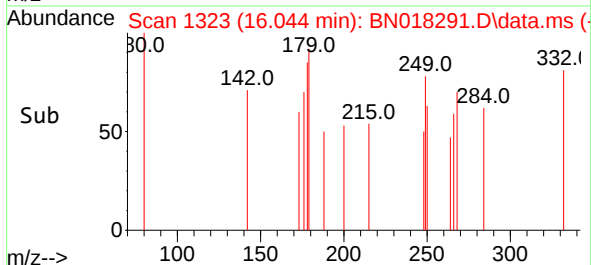
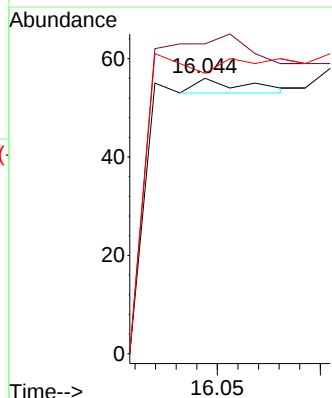
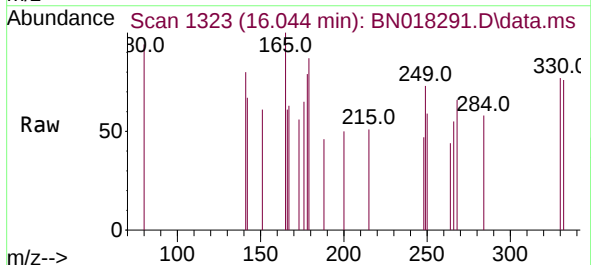
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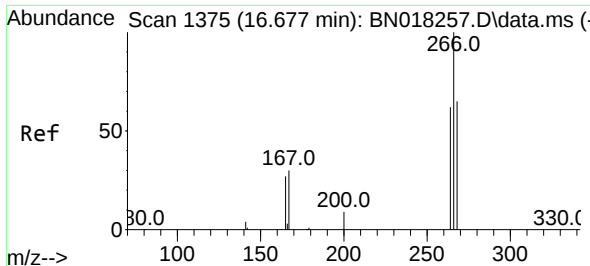
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 105.6 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.135 ng
RT: 16.044 min Scan# 1323
Delta R.T. -0.438 min
Lab File: BN018291.D
Acq: 30 Dec 2021 11:55

Tgt Ion:200 Resp: 5
Ion Ratio Lower Upper
200 100
173 112.5 20.3 30.5#
215 101.8 40.4 60.6#

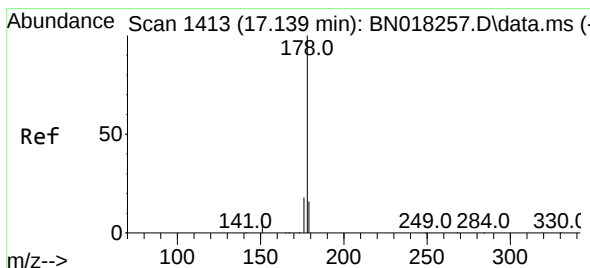
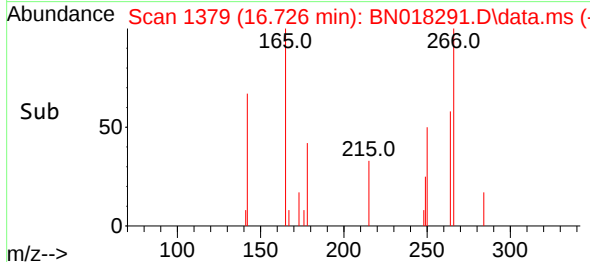
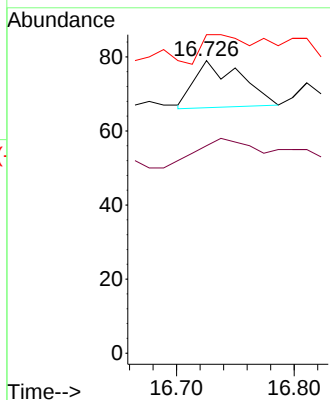
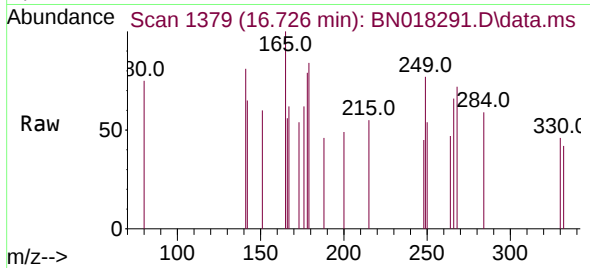




#24
 Pentachlorophenol
 Concen: 0.180 ng
 RT: 16.726 min Scan# 1416
 Delta R.T. 0.049 min
 Lab File: BN018291.D
 Acq: 30 Dec 2021 11:55

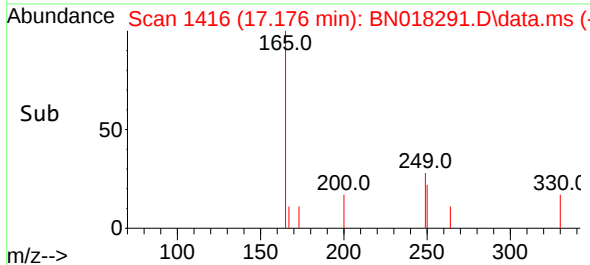
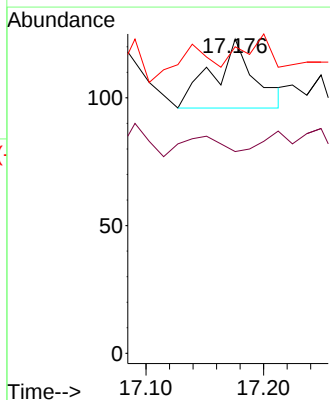
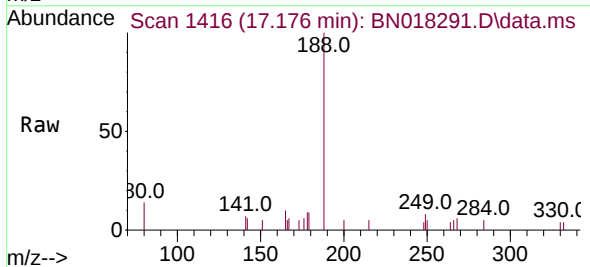
Instrument :
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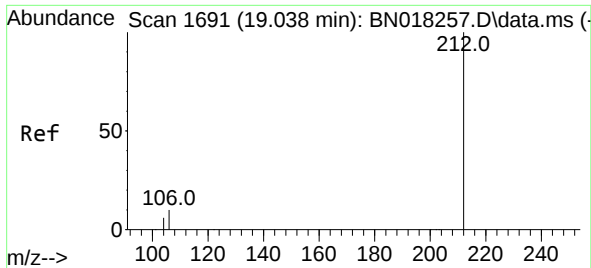
Tgt Ion:266 Resp: 35
 Ion Ratio Lower Upper
 266 100
 264 77.1 49.5 74.3#
 268 57.1 50.6 76.0



#26
 Anthracene
 Concen: 0.043 ng
 RT: 17.176 min Scan# 1416
 Delta R.T. 0.037 min
 Lab File: BN018291.D
 Acq: 30 Dec 2021 11:55

Tgt Ion:178 Resp: 66
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.8 22.2#
 179 0.0 12.2 18.4#

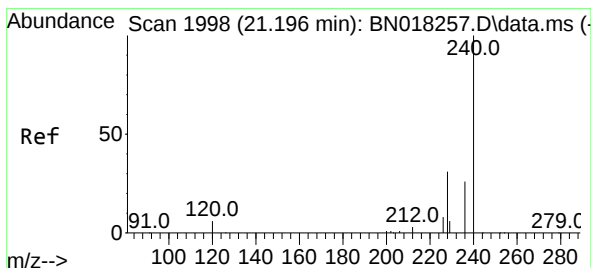
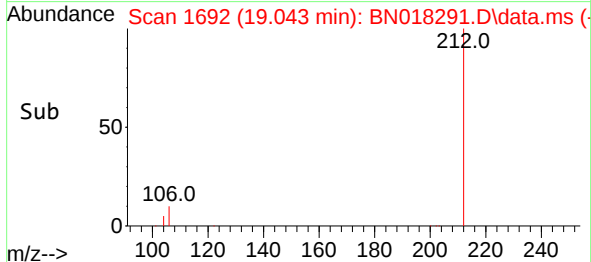
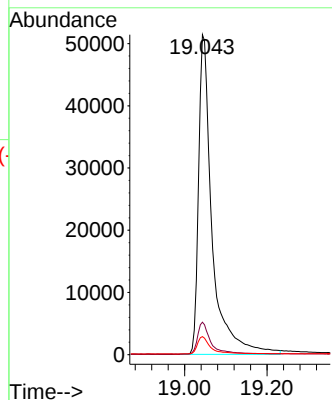
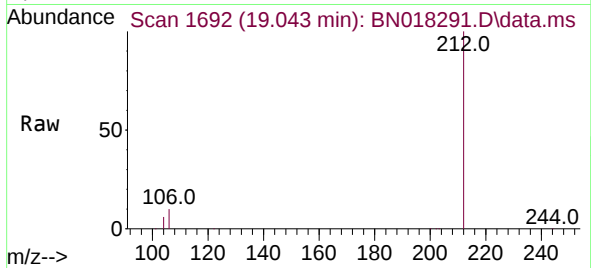




#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.043 min Scan# 1691
Delta R.T. 0.005 min
Lab File: BN018291.D
Acq: 30 Dec 2021 11:55

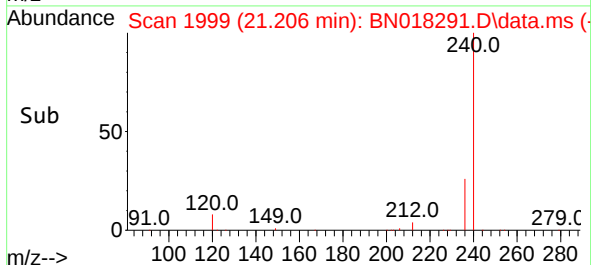
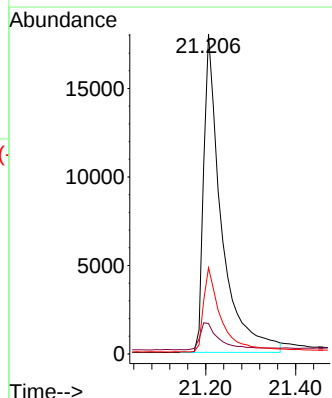
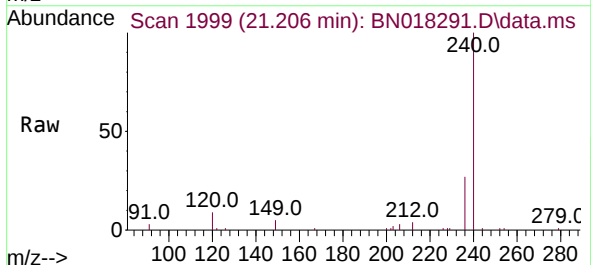
Instrument :
BNA_N
ClientSampleId :
PB141692BL

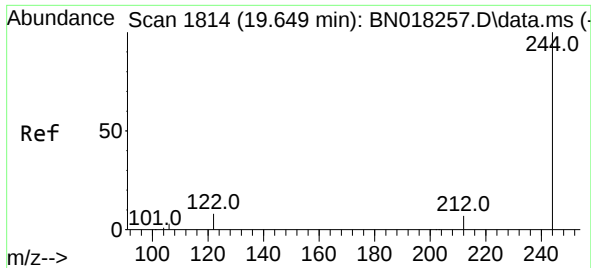
Tgt Ion:212 Resp: 117513
Ion Ratio Lower Upper
212 100
106 10.0 8.4 12.6
104 5.4 4.5 6.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.010 min
Lab File: BN018291.D
Acq: 30 Dec 2021 11:55

Tgt Ion:240 Resp: 49215
Ion Ratio Lower Upper
240 100
120 9.5 6.0 9.0#
236 27.0 21.4 32.2

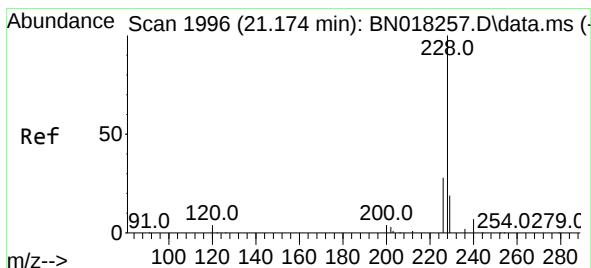
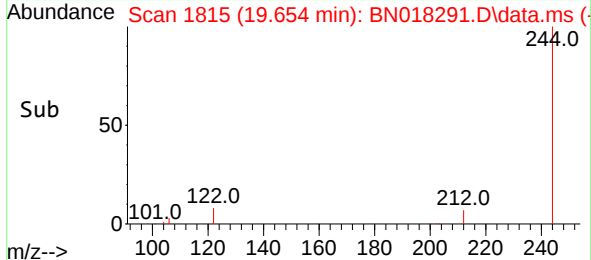
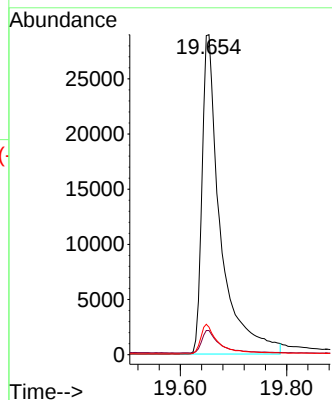
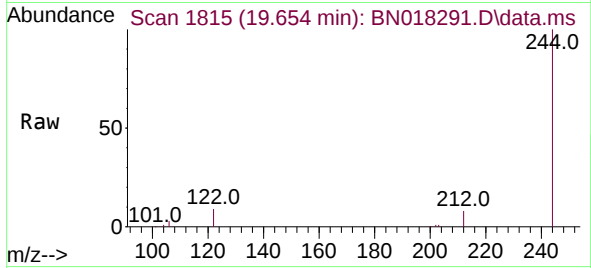




#31
 Terphenyl-d14
 Concen: 0.556 ng
 RT: 19.654 min Scan# 1815
 Delta R.T. 0.005 min
 Lab File: BN018291.D
 Acq: 30 Dec 2021 11:55

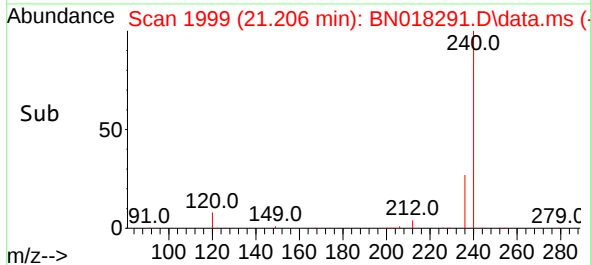
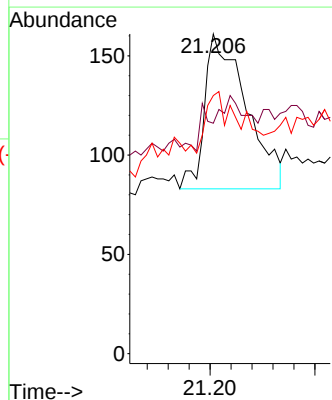
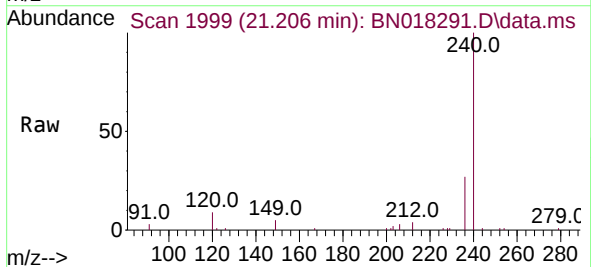
Instrument :
 BNA_N
 ClientSampleId :
 PB141692BL

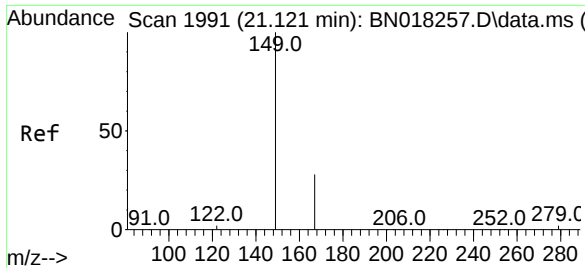
Tgt Ion:244 Resp: 69571
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 8.6 7.9 11.9



#32
 Benzo(a)anthracene
 Concen: 0.059 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. 0.032 min
 Lab File: BN018291.D
 Acq: 30 Dec 2021 11:55

Tgt Ion:228 Resp: 429
 Ion Ratio Lower Upper
 228 100
 226 72.0 21.3 31.9#
 229 80.7 15.9 23.9#

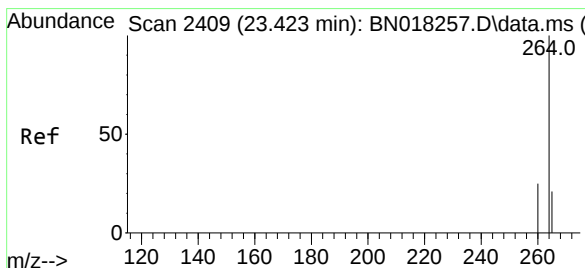
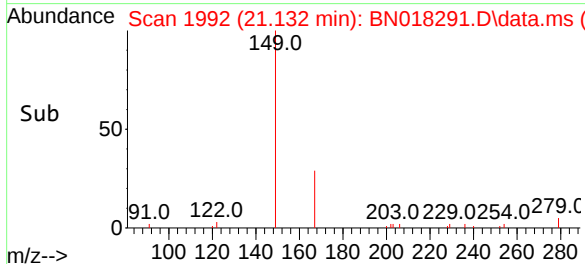
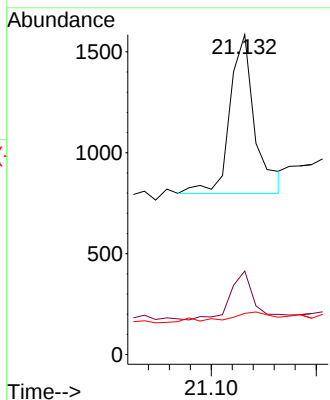
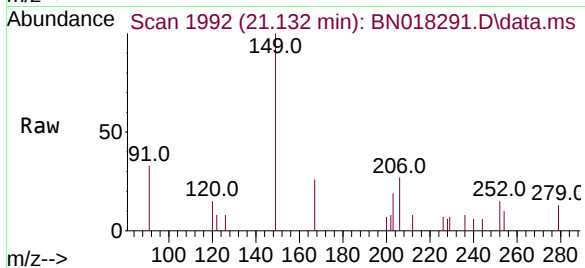




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.021 ng
 RT: 21.132 min Scan# 1992
 Delta R.T. 0.011 min
 Lab File: BN018291.D
 Acq: 30 Dec 2021 11:55

Instrument :
 BNA_N
 ClientSampleId :
 PB141692BL

Tgt Ion:149 Resp: 1299
 Ion Ratio Lower Upper
 149 100
 167 30.3 23.7 35.5
 279 8.3 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.433 min Scan# 2412
 Delta R.T. 0.010 min
 Lab File: BN018291.D
 Acq: 30 Dec 2021 11:55

Tgt Ion:264 Resp: 46127
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.4
 265 39.5 18.2 27.2#

