

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018273.D
 Acq On : 29 Dec 2021 23:02
 Operator : CG/JU
 Sample : PB141692BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141692BL

Quant Time: Dec 30 02:24:22 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)

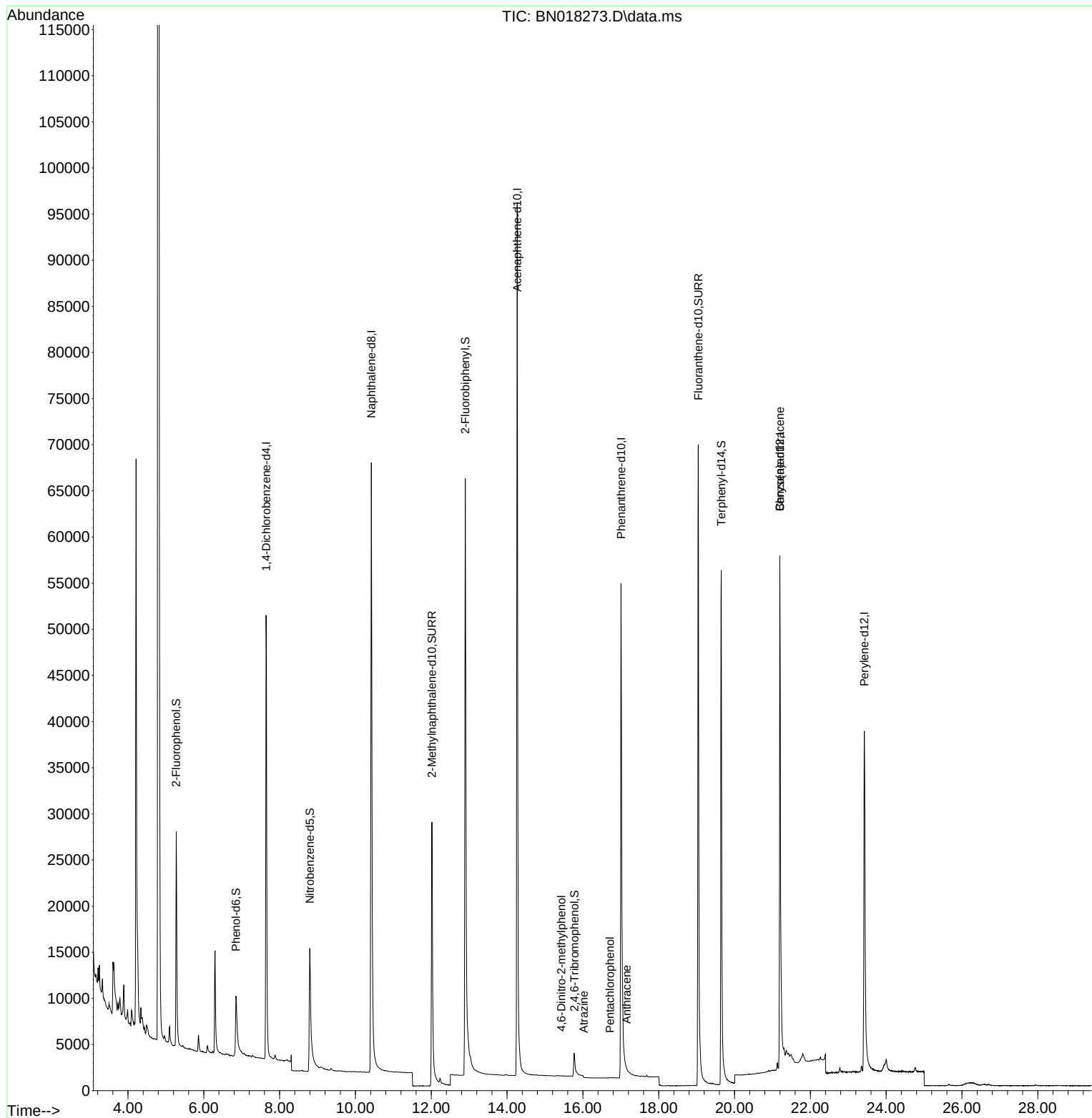
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28592	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	111381	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	63518	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	109646	0.400	ng	0.00
29) Chrysene-d12	21.195	240	77884	0.400	ng	0.00
35) Perylene-d12	23.426	264	63618	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	20370	0.356	ng	0.03
5) Phenol-d6	6.849	99	9547	0.172	ng	0.02
8) Nitrobenzene-d5	8.797	82	19924	0.378	ng	0.01
11) 2-Methylnaphthalene-d10	12.016	152	56539	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	3881	0.419	ng	0.01
15) 2-Fluorobiphenyl	12.898	172	76543	0.318	ng	0.00
27) Fluoranthene-d10	19.043	212	108378	0.311	ng	0.00
31) Terphenyl-d14	19.649	244	85088	0.430	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.436	198	8	0.206	ng	# 1
23) Atrazine	16.020	200	219	0.139	ng	# 1
24) Pentachlorophenol	16.713	266	67	0.183	ng	# 88
26) Anthracene	17.151	178	42	0.043	ng	# 59
32) Benzo(a)anthracene	21.195	228	549	0.058	ng	# 47

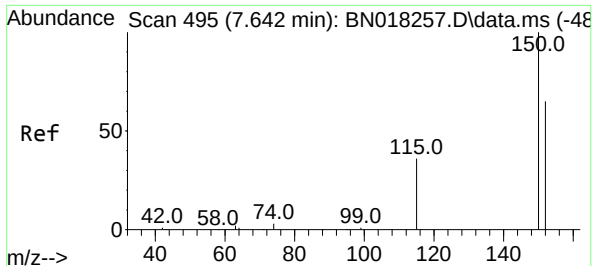
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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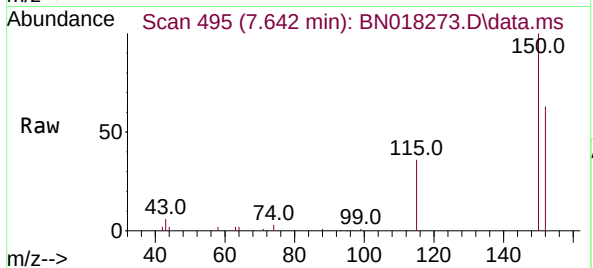
Quant Time: Dec 30 02:24:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
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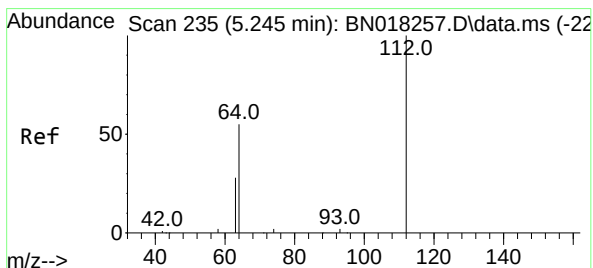
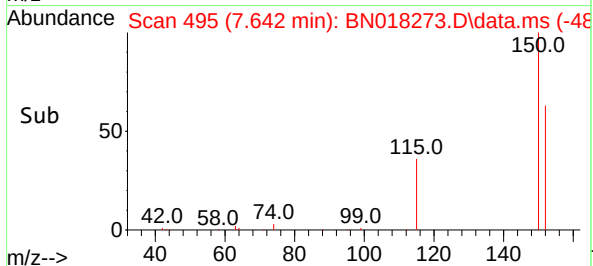
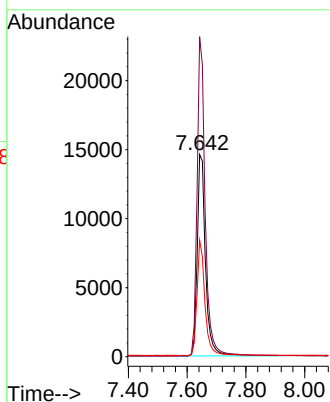


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

Instrument :
BNA_N
ClientSampleId :
PB141692BL

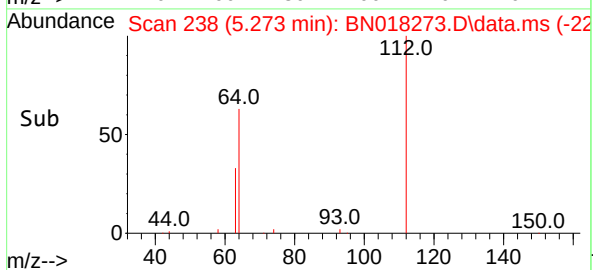
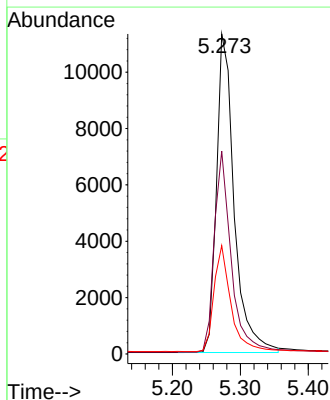
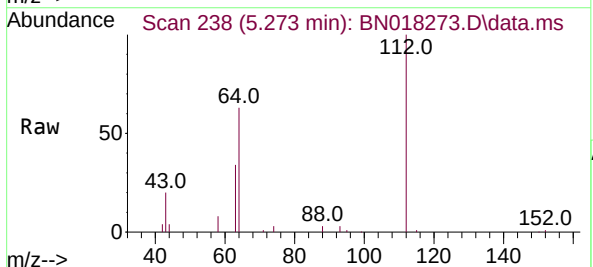


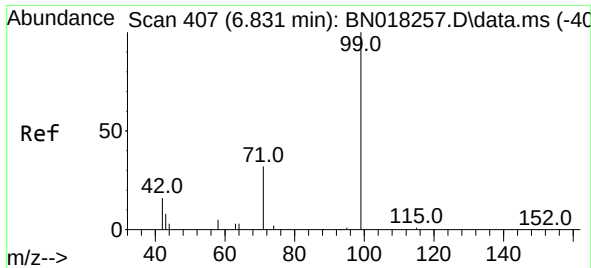
Tgt Ion:152 Resp: 28592
Ion Ratio Lower Upper
152 100
150 158.3 121.7 182.5
115 57.6 43.8 65.8



#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.028 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

Tgt Ion:112 Resp: 20370
Ion Ratio Lower Upper
112 100
64 60.5 48.0 72.0
63 31.8 25.3 37.9

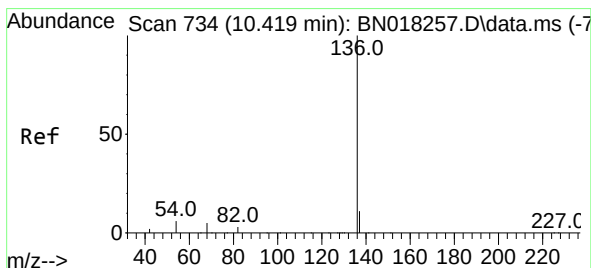
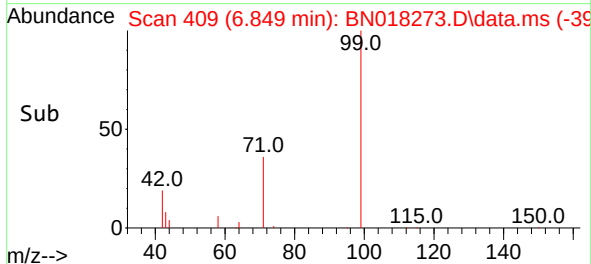
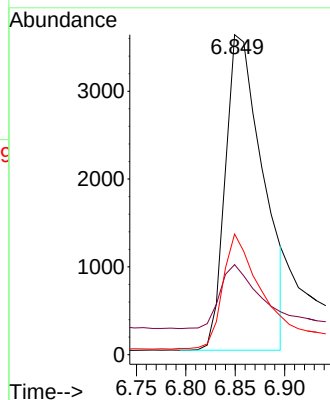
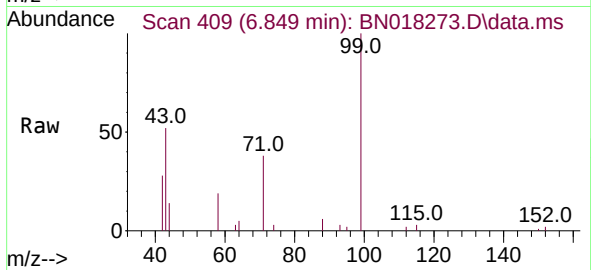




#5
Phenol-d6
Concen: 0.172 ng
RT: 6.849 min Scan# 407
Delta R.T. 0.018 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

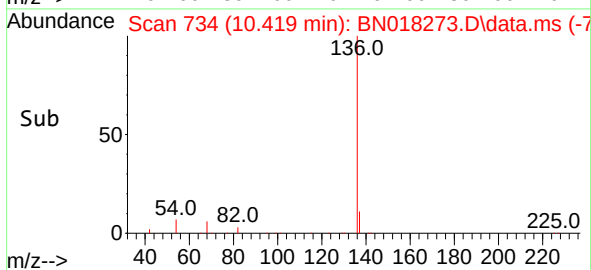
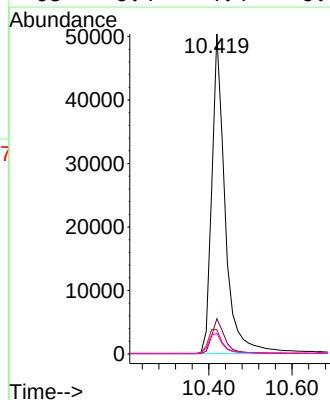
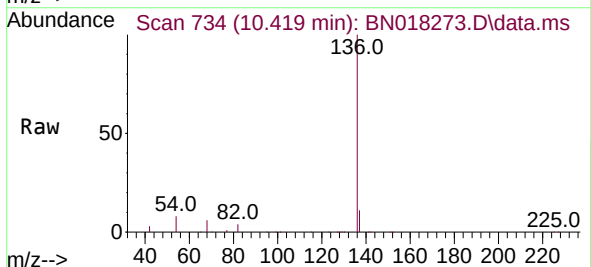
Instrument :
BNA_N
ClientSampleId :
PB141692BL

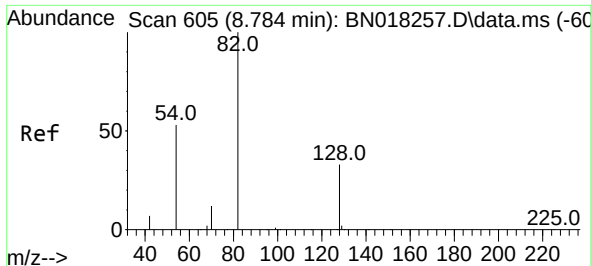
Tgt Ion: 99 Resp: 9547
Ion Ratio Lower Upper
99 100
42 20.6 16.3 24.5
71 35.4 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

Tgt Ion: 136 Resp: 111381
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 5.0 7.6#
68 6.4 4.4 6.6

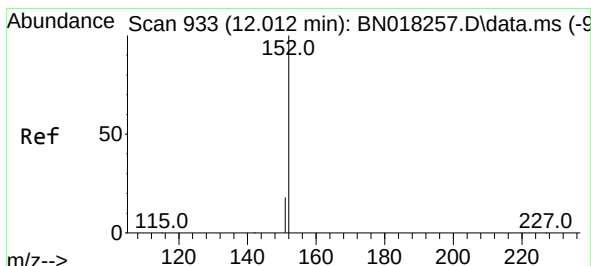
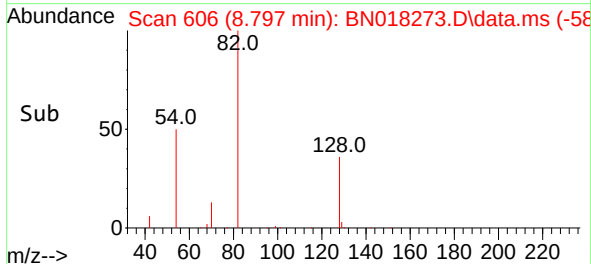
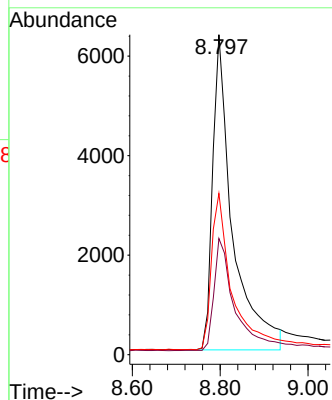
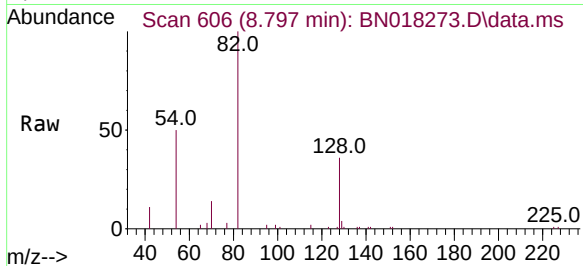




#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 8.797 min Scan# 606
Delta R.T. 0.013 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

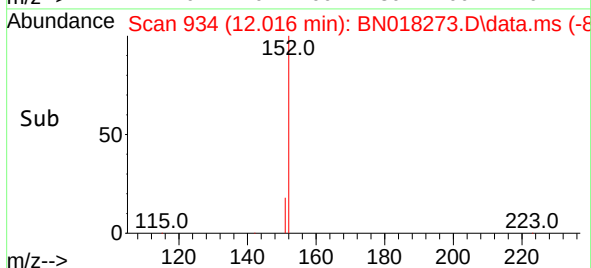
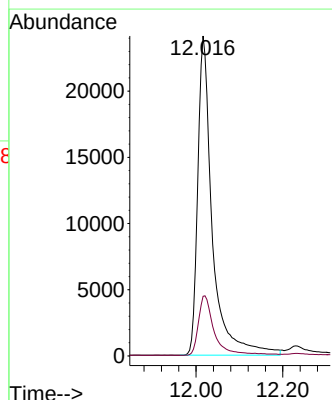
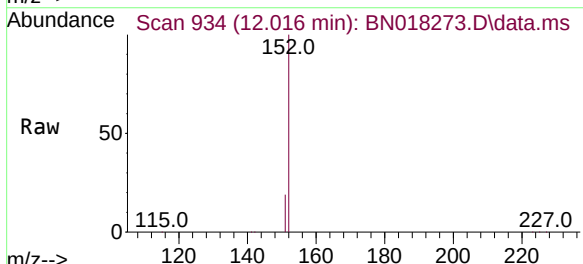
Instrument :
BNA_N
ClientSampleId :
PB141692BL

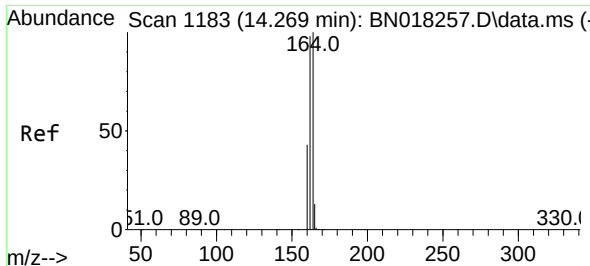
Tgt Ion: 82 Resp: 19924
Ion Ratio Lower Upper
82 100
128 36.3 33.7 50.5
54 50.4 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.016 min Scan# 934
Delta R.T. 0.004 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

Tgt Ion: 152 Resp: 56539
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2

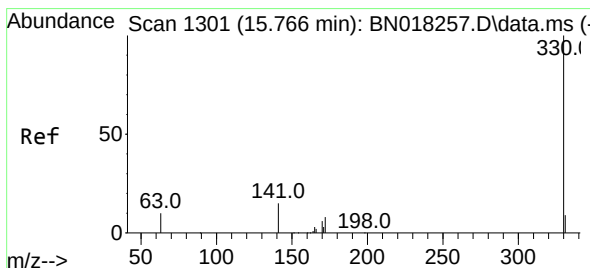
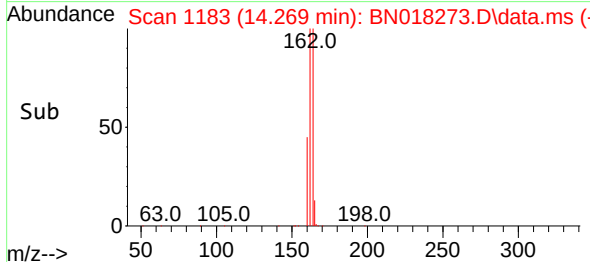
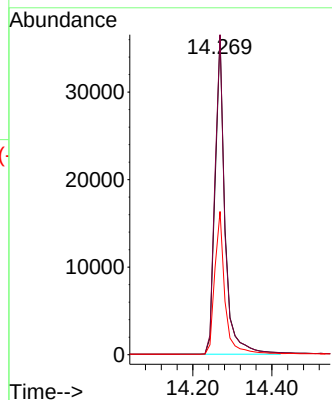
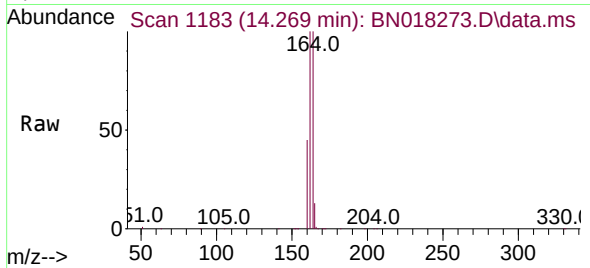




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

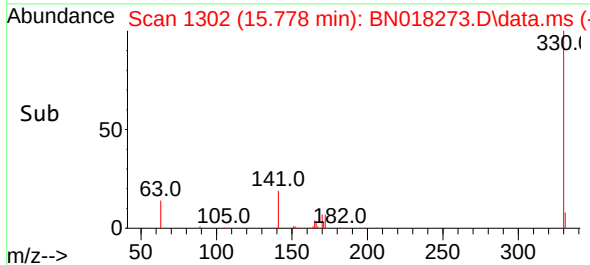
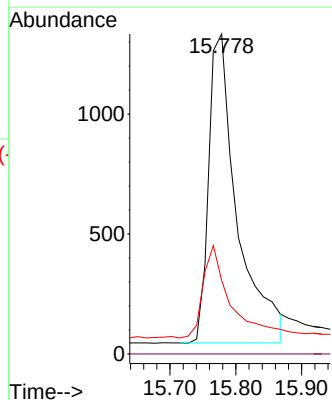
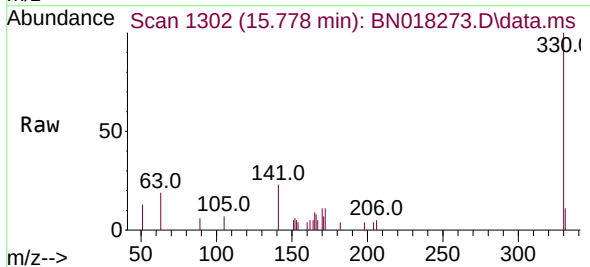
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ClientSampleId :
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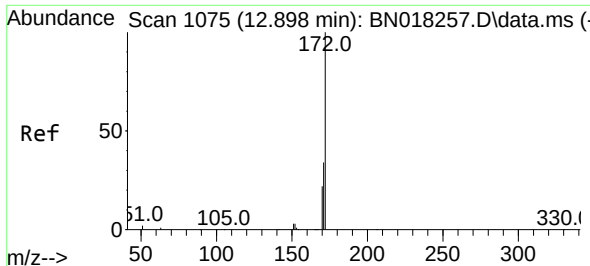
Tgt Ion:164 Resp: 63518
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 44.8 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.012 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

Tgt Ion:330 Resp: 3881
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.8 21.3 31.9

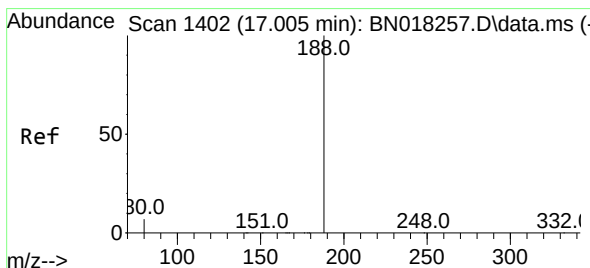
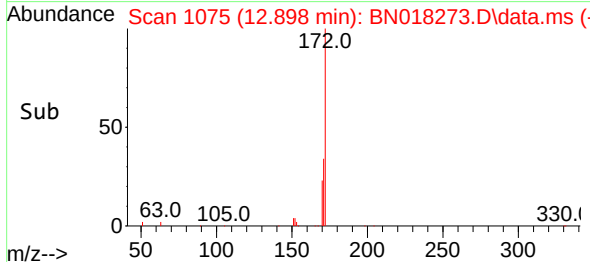
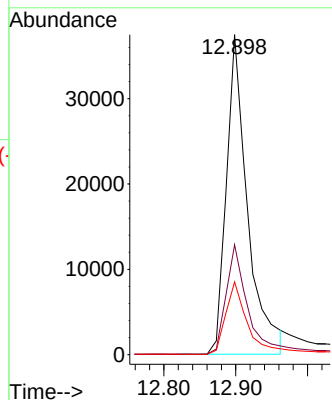
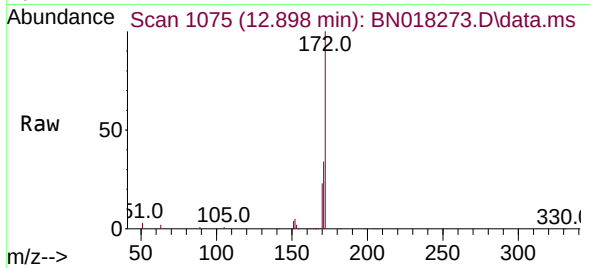




#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

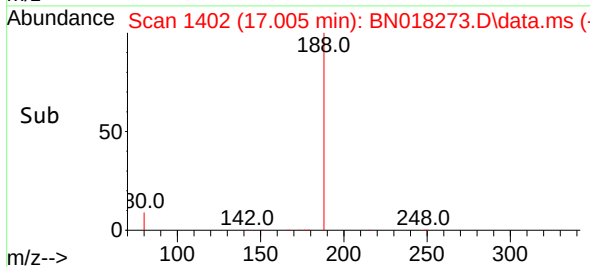
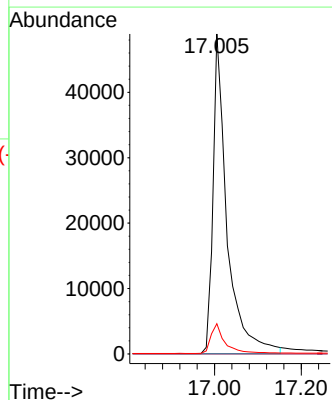
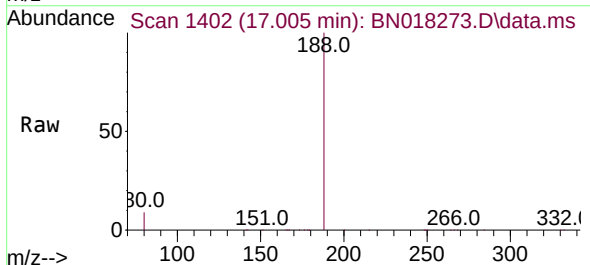
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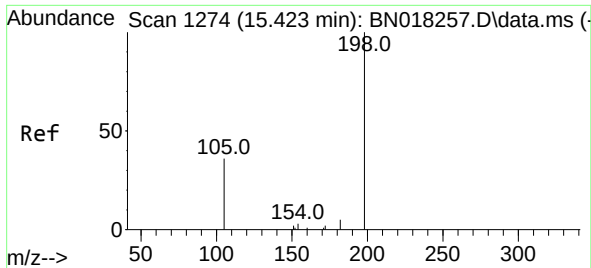
Tgt Ion:172 Resp: 76543
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 22.8 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

Tgt Ion:188 Resp: 109646
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.0 10.4

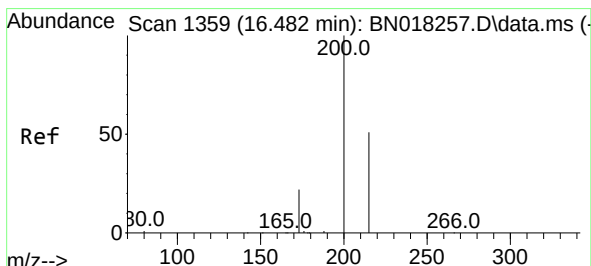
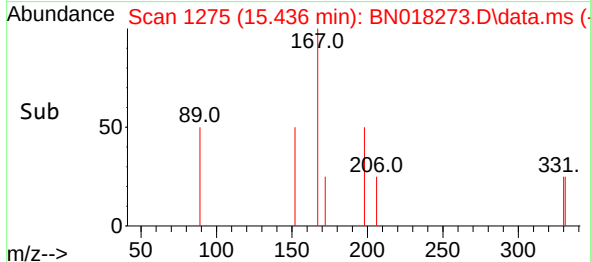
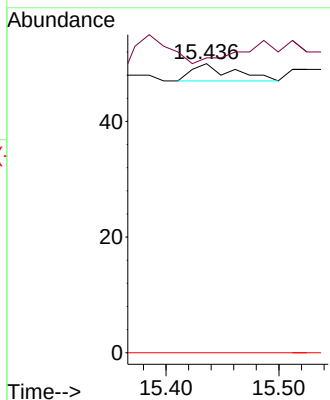
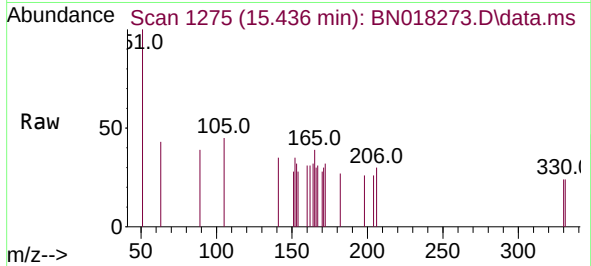




#20
4,6-Dinitro-2-methylphenol
Concen: 0.206 ng
RT: 15.436 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

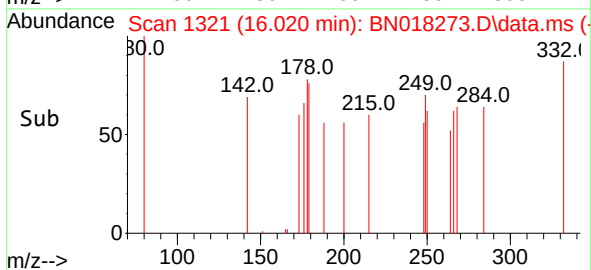
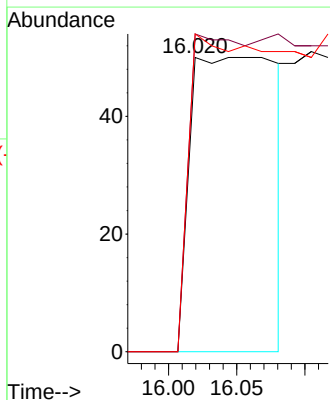
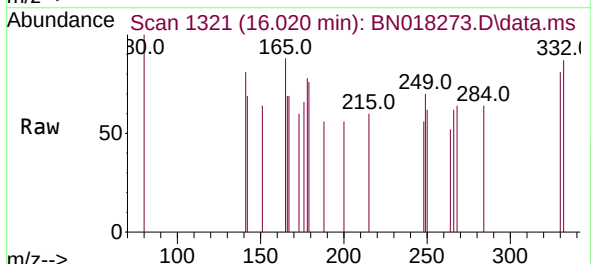
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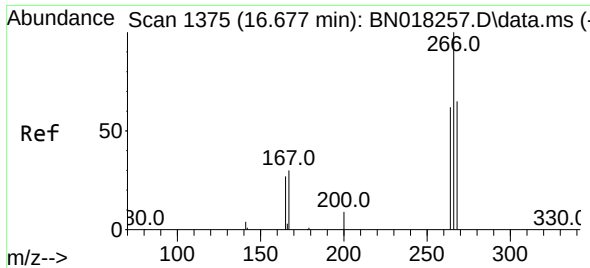
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 102.0 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.139 ng
RT: 16.020 min Scan# 1321
Delta R.T. -0.462 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

Tgt Ion:200 Resp: 219
Ion Ratio Lower Upper
200 100
173 108.0 20.3 30.5#
215 108.0 40.4 60.6#

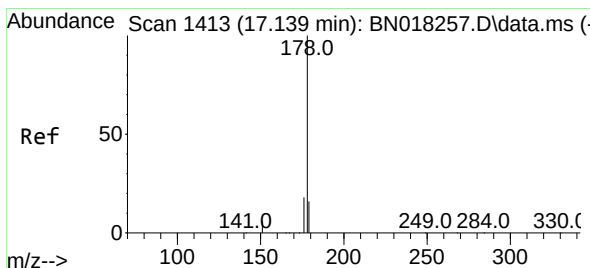
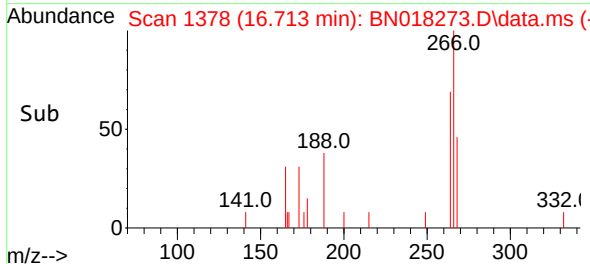
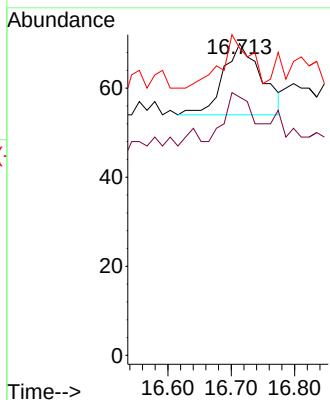
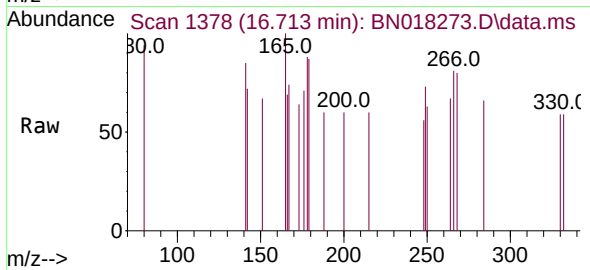




#24
 Pentachlorophenol
 Concen: 0.183 ng
 RT: 16.713 min Scan# 11
 Delta R.T. 0.036 min
 Lab File: BN018273.D
 Acq: 29 Dec 2021 23:02

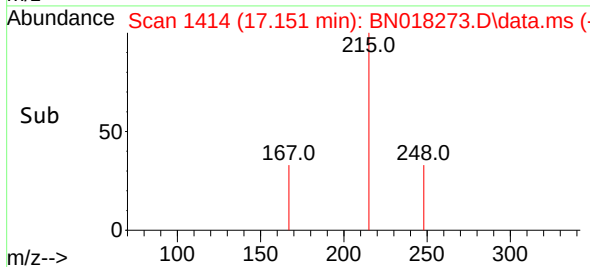
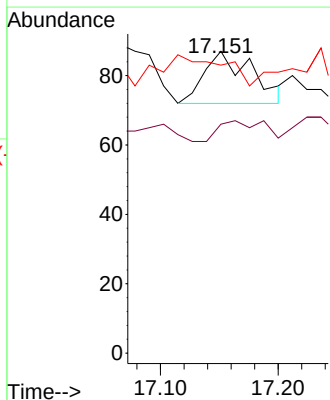
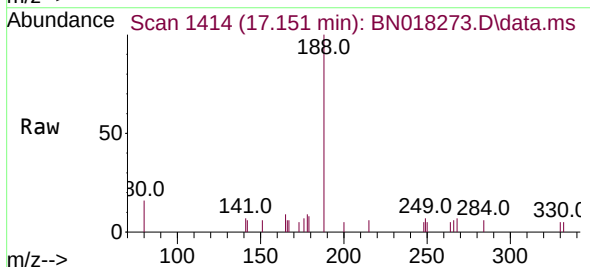
Instrument :
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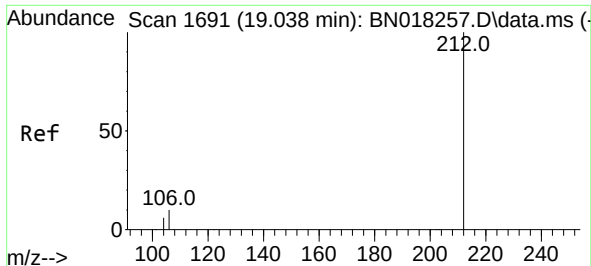
Tgt Ion:266 Resp: 67
 Ion Ratio Lower Upper
 266 100
 264 49.3 49.5 74.3#
 268 56.7 50.6 76.0



#26
 Anthracene
 Concen: 0.043 ng
 RT: 17.151 min Scan# 1414
 Delta R.T. 0.012 min
 Lab File: BN018273.D
 Acq: 29 Dec 2021 23:02

Tgt Ion:178 Resp: 42
 Ion Ratio Lower Upper
 178 100
 176 38.1 14.8 22.2#
 179 0.0 12.2 18.4#

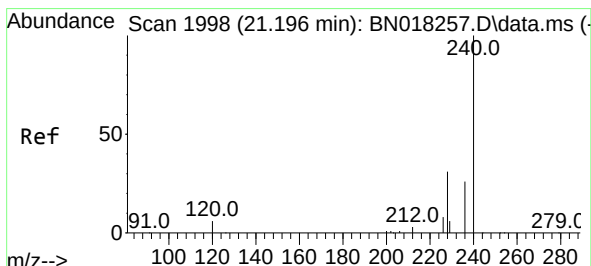
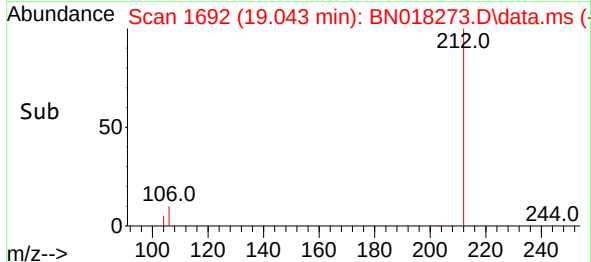
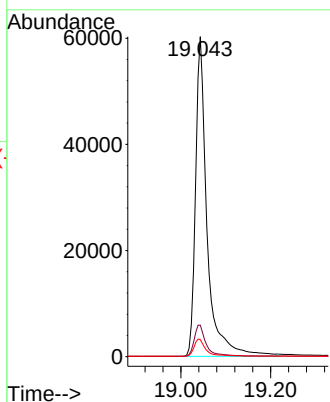
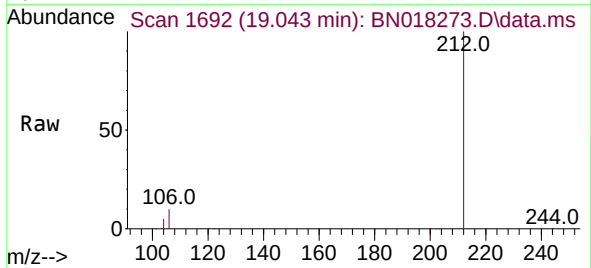




#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.005 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

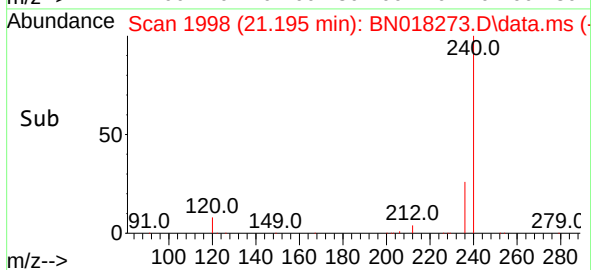
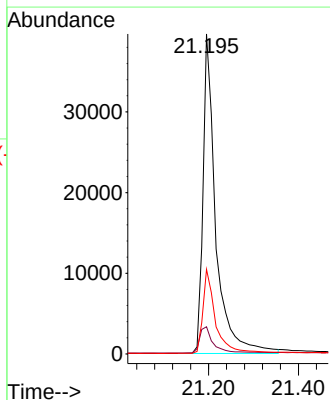
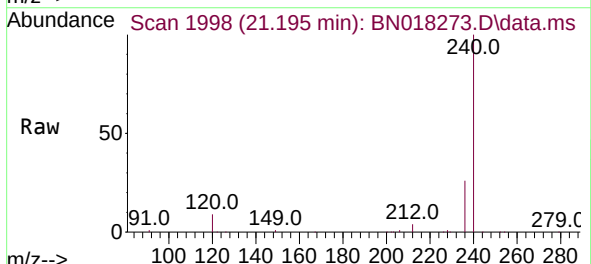
Instrument :
BNA_N
ClientSampleId :
PB141692BL

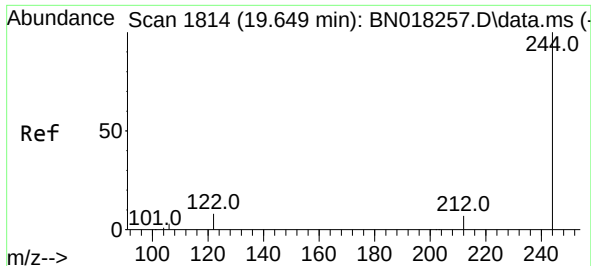
Tgt Ion:212 Resp: 108378
Ion Ratio Lower Upper
212 100
106 10.2 8.4 12.6
104 5.6 4.5 6.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018273.D
Acq: 29 Dec 2021 23:02

Tgt Ion:240 Resp: 77884
Ion Ratio Lower Upper
240 100
120 8.5 6.0 9.0
236 26.5 21.4 32.2

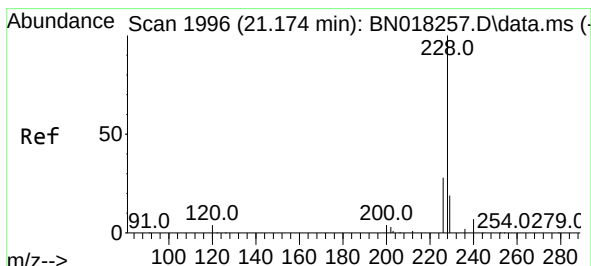
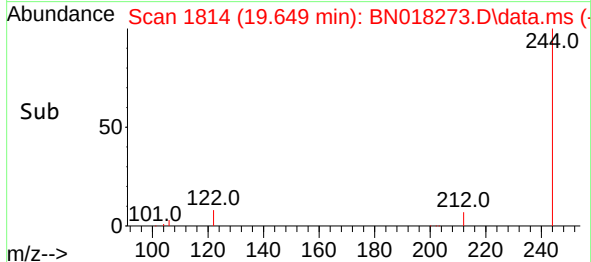
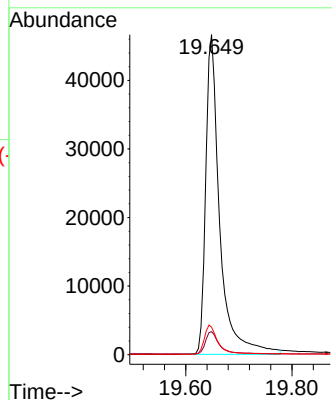
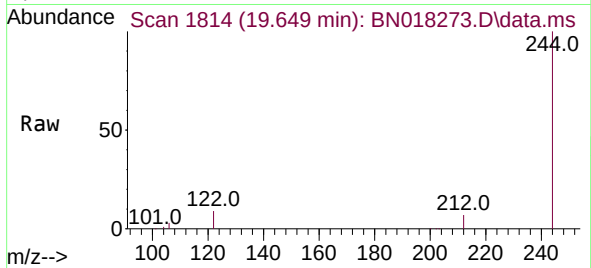




#31
 Terphenyl-d14
 Concen: 0.430 ng
 RT: 19.649 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN018273.D
 Acq: 29 Dec 2021 23:02

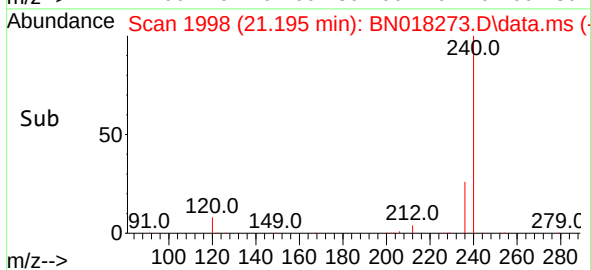
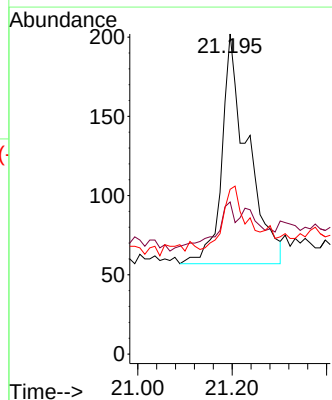
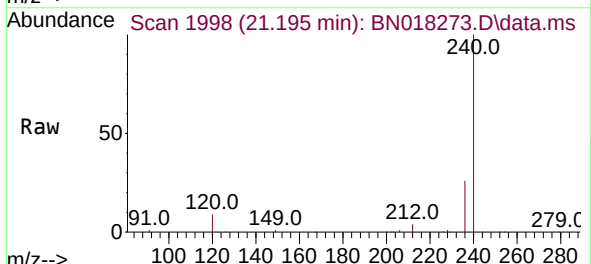
Instrument :
 BNA_N
 ClientSampleId :
 PB141692BL

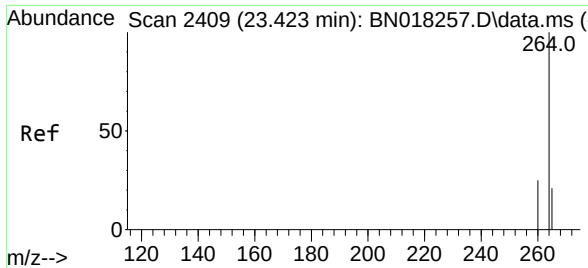
Tgt Ion:244 Resp: 85088
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.6 7.9 11.9



#32
 Benzo(a)anthracene
 Concen: 0.058 ng
 RT: 21.195 min Scan# 1998
 Delta R.T. 0.021 min
 Lab File: BN018273.D
 Acq: 29 Dec 2021 23:02

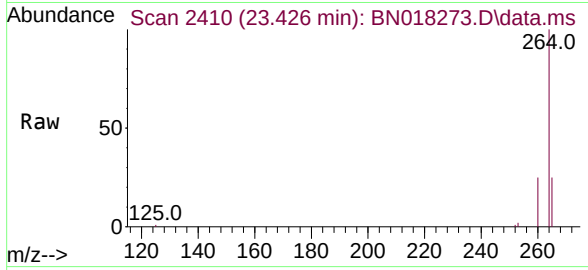
Tgt Ion:228 Resp: 549
 Ion Ratio Lower Upper
 228 100
 226 47.5 21.3 31.9#
 229 51.5 15.9 23.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.426 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: BN018273.D
 Acq: 29 Dec 2021 23:02

Instrument :
 BNA_N
 ClientSampleId :
 PB141692BL



Tgt Ion:264 Resp: 63618

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.4
265	24.7	18.2	27.2

