

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
 Data File : BN018294.D
 Acq On : 30 Dec 2021 13:43
 Operator : CG/JU
 Sample : PB141706BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141706BL

Quant Time: Dec 31 08:21:41 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)

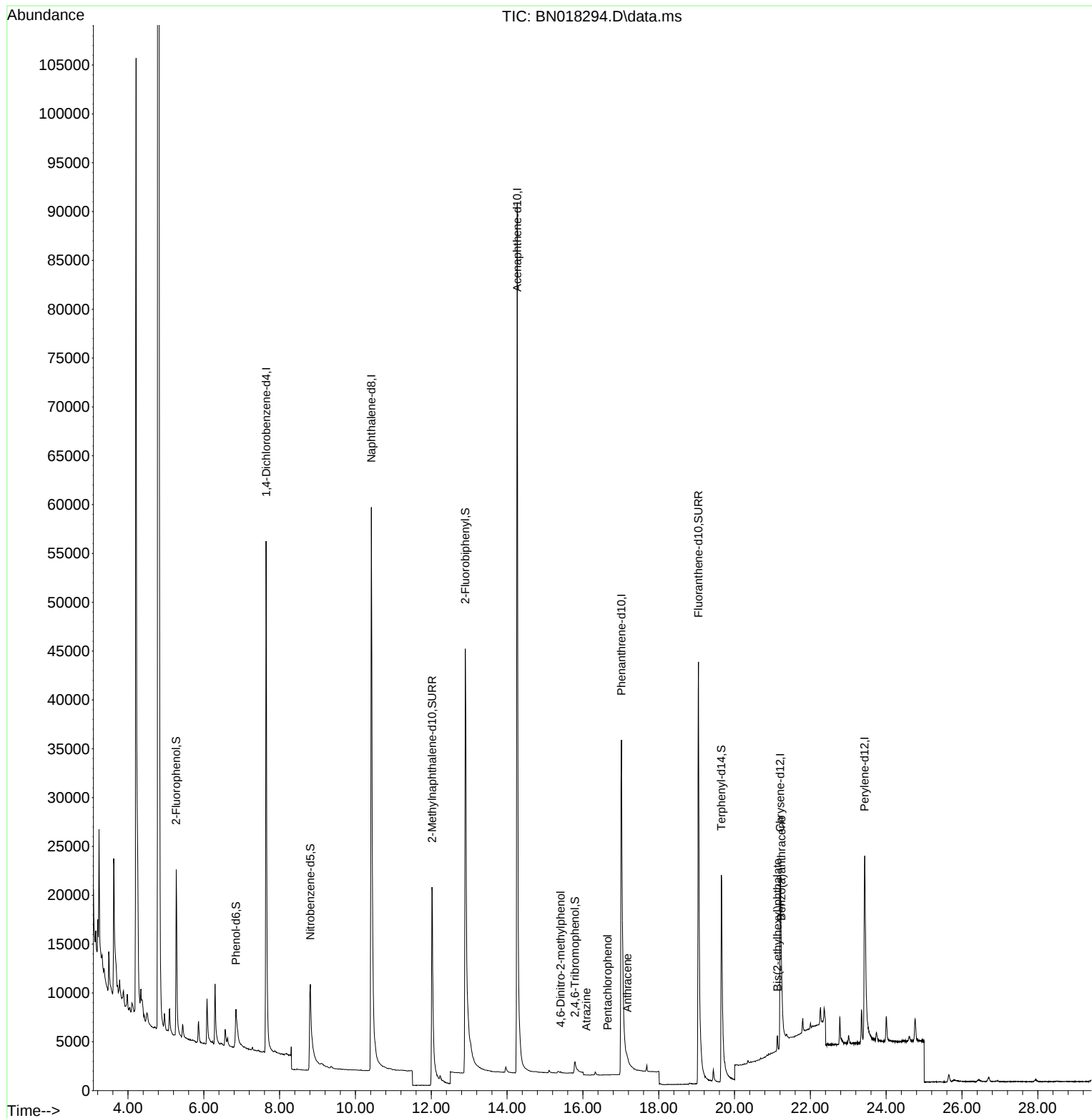
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31906	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	115930	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	68401	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	101769	0.400	ng	0.01
29) Chrysene-d12	21.206	240	38712	0.400	ng	# 0.01
35) Perylene-d12	23.433	264	41078	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	16153	0.253	ng	0.03
5) Phenol-d6	6.849	99	6428	0.104	ng	0.02
8) Nitrobenzene-d5	8.810	82	16815	0.332	ng	0.03
11) 2-Methylnaphthalene-d10	12.020	152	50351	0.258	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2252	0.366	ng	0.03
15) 2-Fluorobiphenyl	12.898	172	62682	0.242	ng	0.00
27) Fluoranthene-d10	19.048	212	89333	0.276	ng	0.00
31) Terphenyl-d14	19.654	244	48450	0.493	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.410	198	11	0.208	ng	# 1
23) Atrazine	16.093	200	10	0.135	ng	# 1
24) Pentachlorophenol	16.652	266	7	0.177	ng	# 19
26) Anthracene	17.176	178	872	0.046	ng	# 92
32) Benzo(a)anthracene	21.238	228	1966	0.072	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.132	149	1872	0.039	ng	# 92

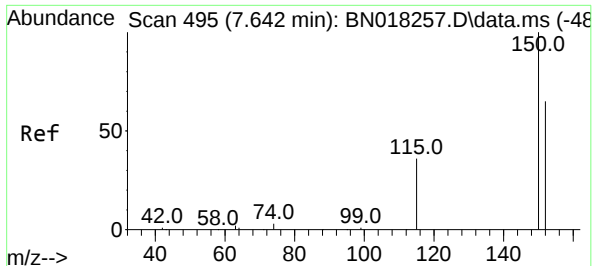
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
Data File : BN018294.D
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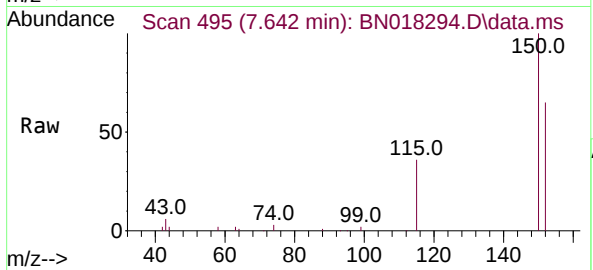
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration



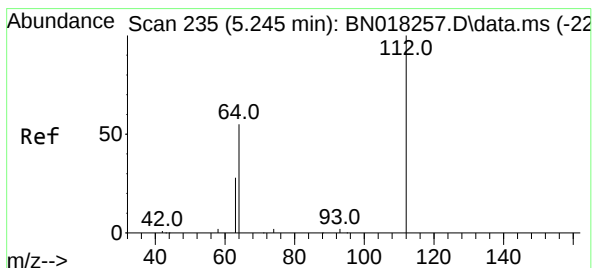
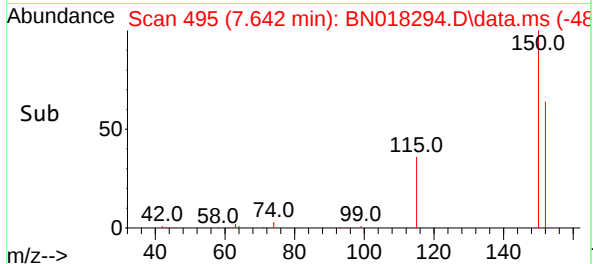
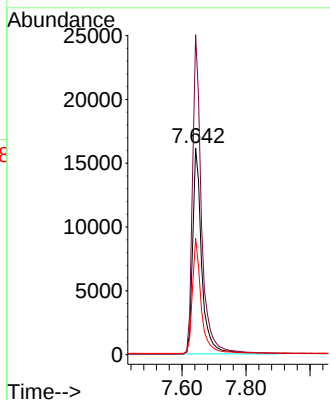


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

Instrument :
BNA_N
ClientSampleId :
PB141706BL

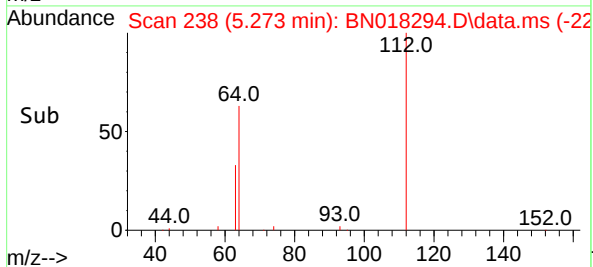
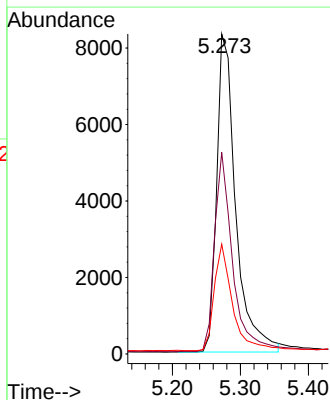
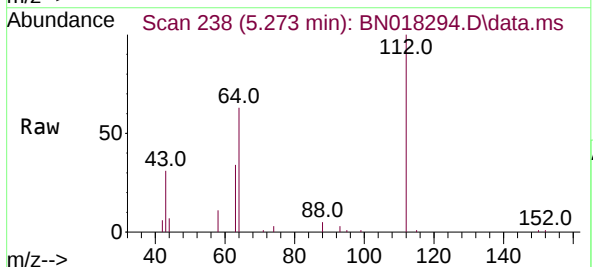


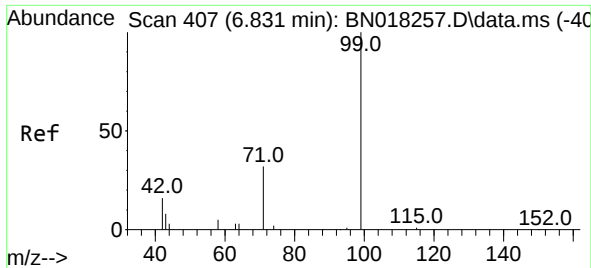
Tgt Ion:152 Resp: 31906
Ion Ratio Lower Upper
152 100
150 154.8 121.7 182.5
115 56.2 43.8 65.8



#4
2-Fluorophenol
Concen: 0.253 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.028 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

Tgt Ion:112 Resp: 16153
Ion Ratio Lower Upper
112 100
64 59.1 48.0 72.0
63 32.0 25.3 37.9

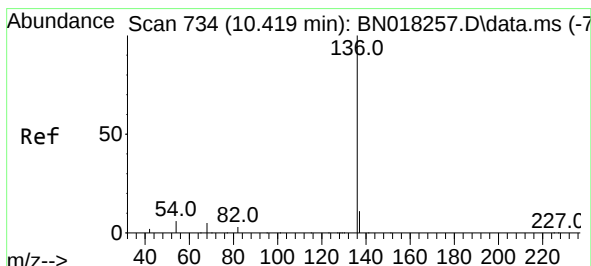
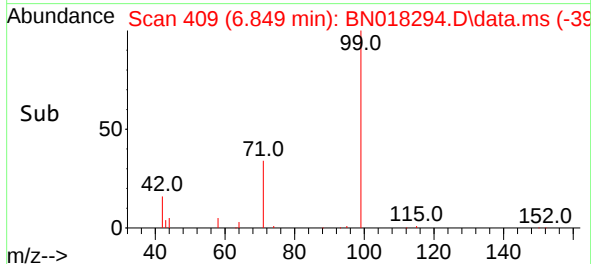
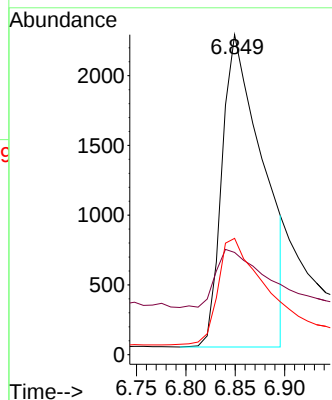
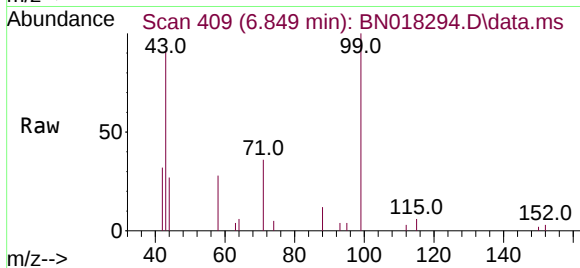




#5
Phenol-d6
Concen: 0.104 ng
RT: 6.849 min Scan# 407
Delta R.T. 0.018 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

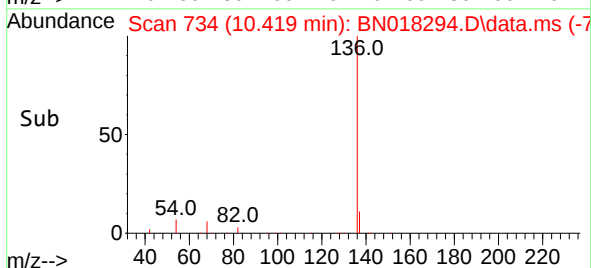
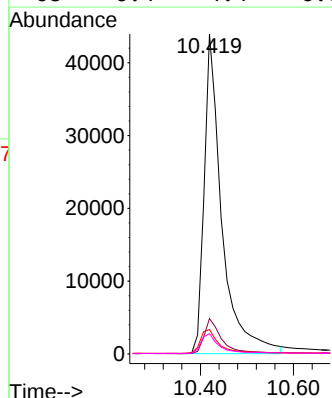
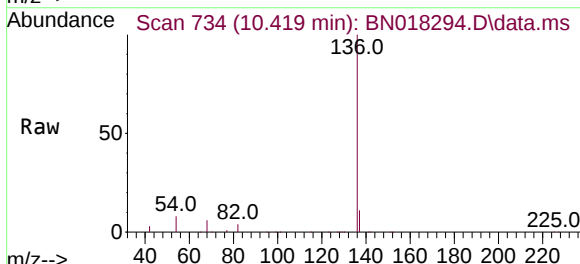
Instrument :
BNA_N
ClientSampleId :
PB141706BL

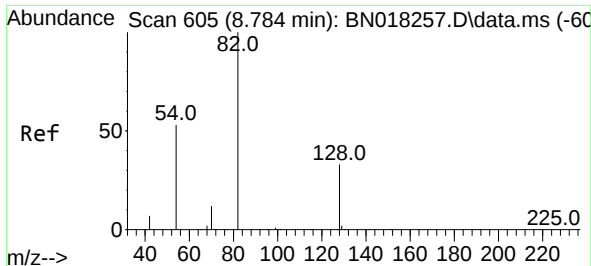
Tgt Ion: 99 Resp: 6428
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 36.5 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

Tgt Ion: 136 Resp: 115930
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 5.0 7.6#
68 6.4 4.4 6.6

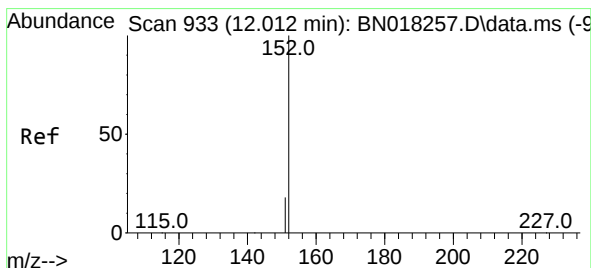
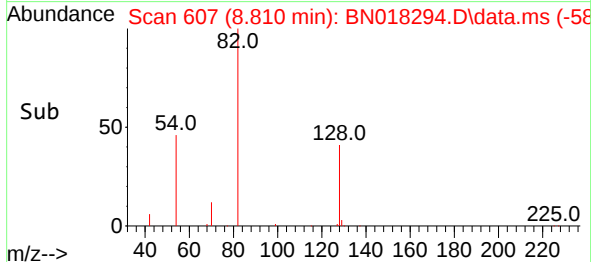
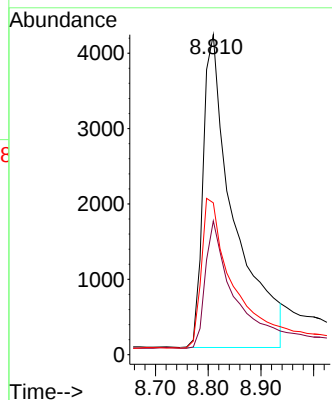
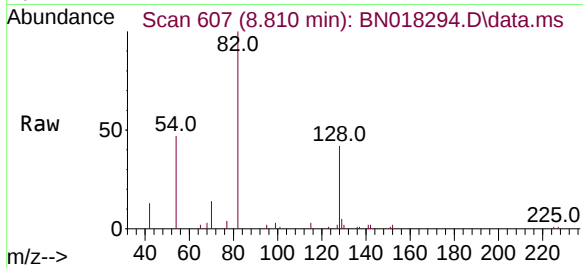




#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.026 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

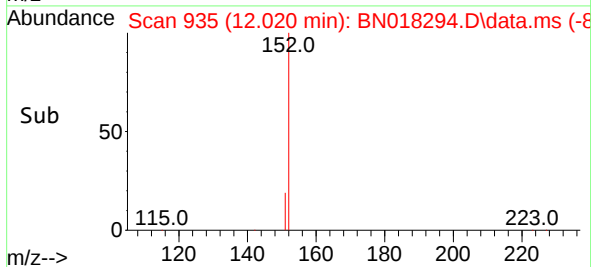
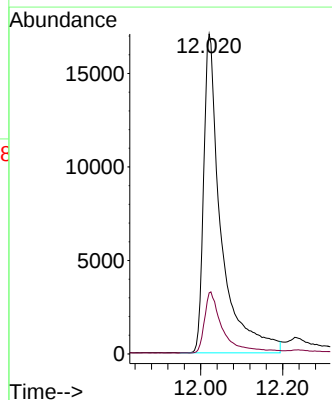
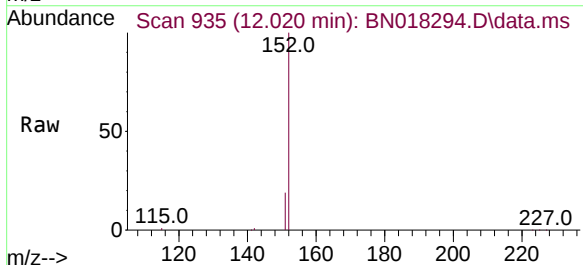
Instrument :
BNA_N
ClientSampleId :
PB141706BL

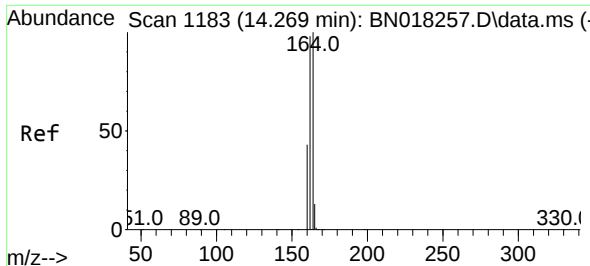
Tgt Ion: 82 Resp: 16815
Ion Ratio Lower Upper
82 100
128 41.8 33.7 50.5
54 47.5 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 12.020 min Scan# 935
Delta R.T. 0.009 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

Tgt Ion: 152 Resp: 50351
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2

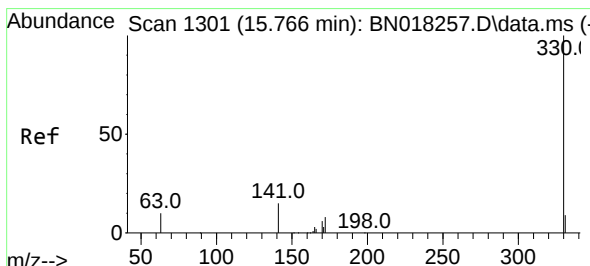
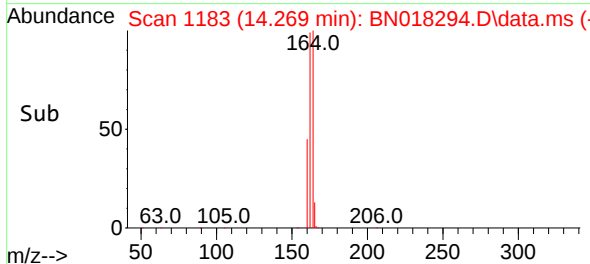
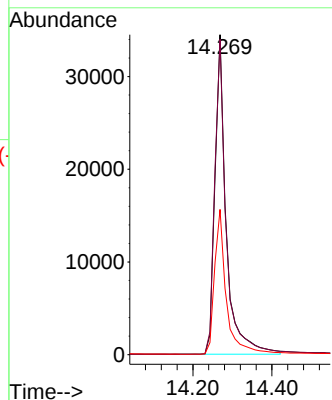
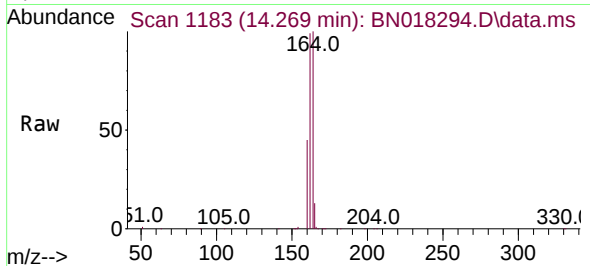




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

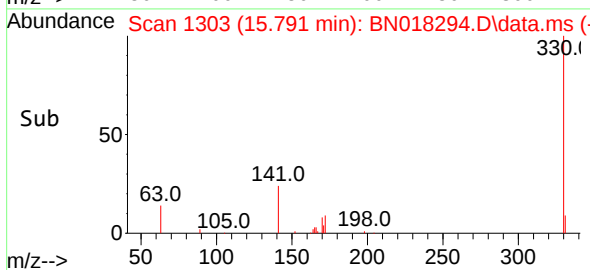
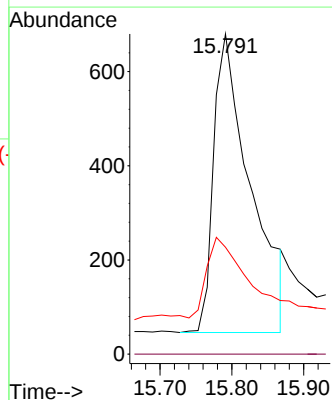
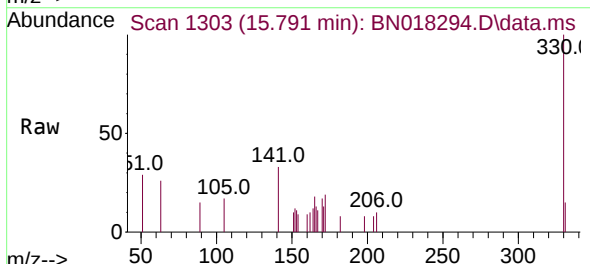
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ClientSampleId :
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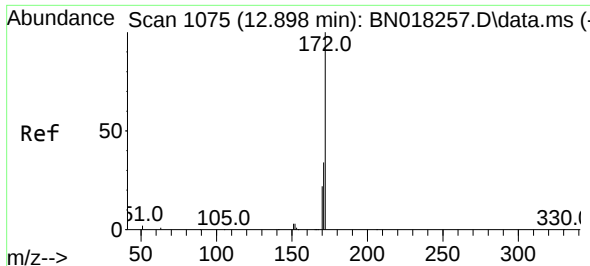
Tgt Ion:164 Resp: 68401
Ion Ratio Lower Upper
164 100
162 98.5 80.2 120.2
160 45.4 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.025 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

Tgt Ion:330 Resp: 2252
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.3 21.3 31.9

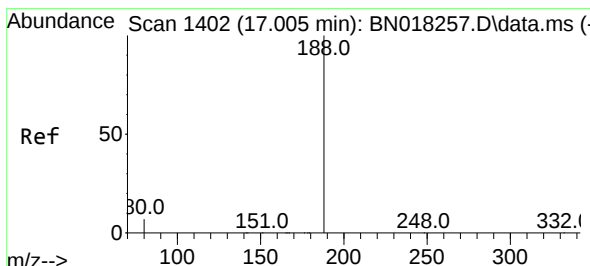
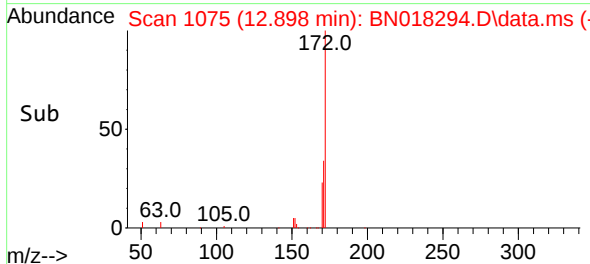
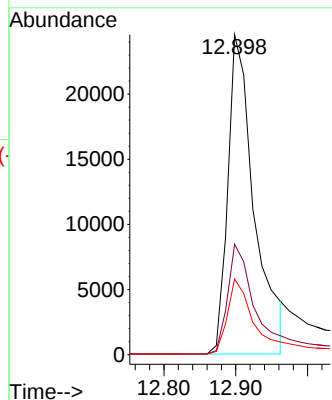
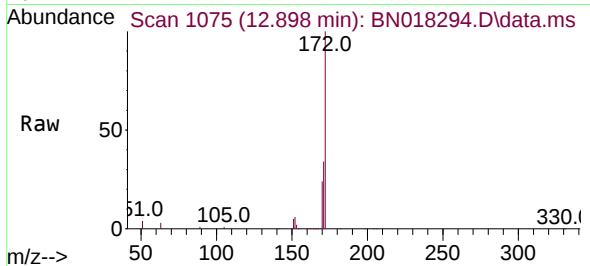




#15
2-Fluorobiphenyl
Concen: 0.242 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

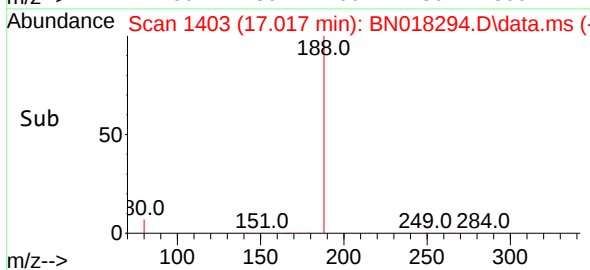
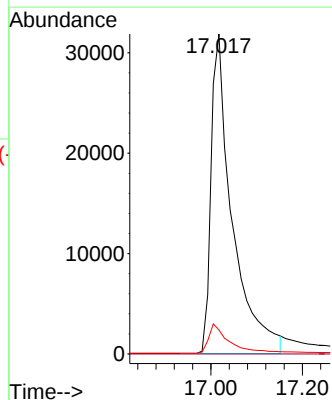
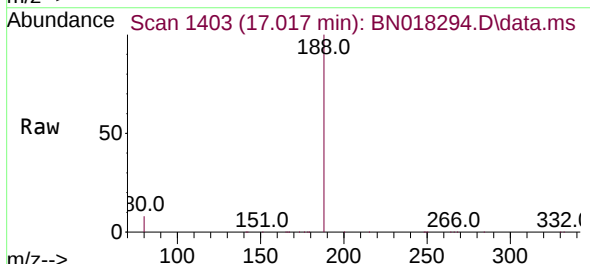
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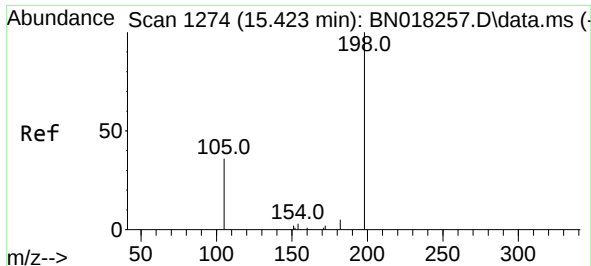
Tgt Ion:172 Resp: 62682
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.0
170 23.6 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

Tgt Ion:188 Resp: 101769
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 7.0 10.4

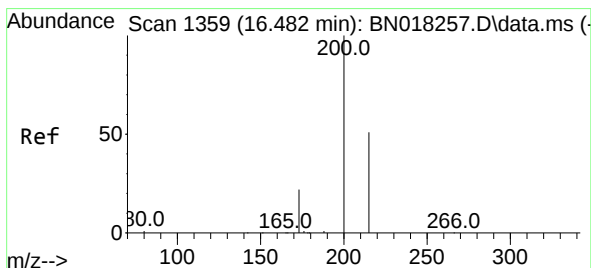
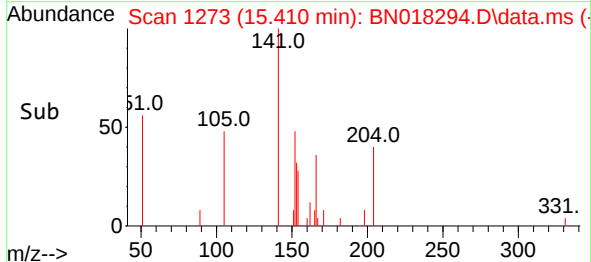
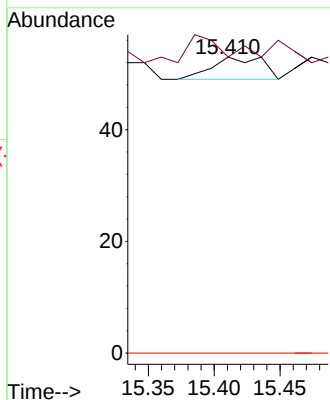
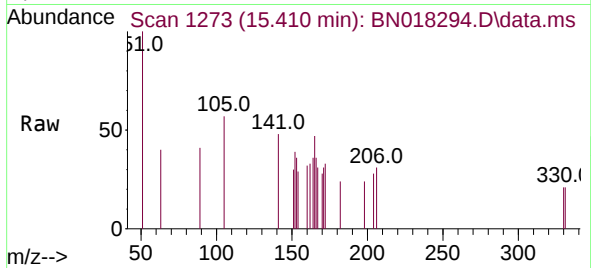




#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.410 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

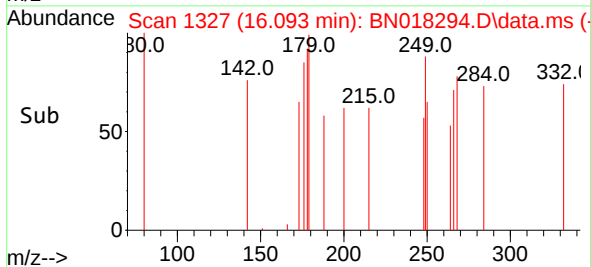
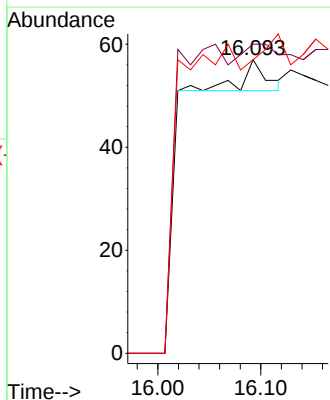
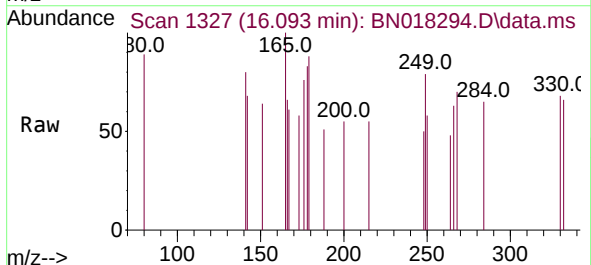
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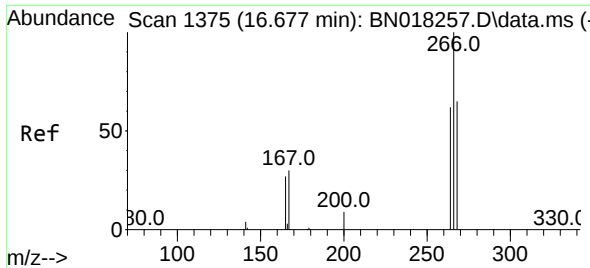
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 100.0 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.135 ng
RT: 16.093 min Scan# 1327
Delta R.T. -0.389 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

Tgt Ion:200 Resp: 10
Ion Ratio Lower Upper
200 100
173 105.3 20.3 30.5#
215 100.0 40.4 60.6#

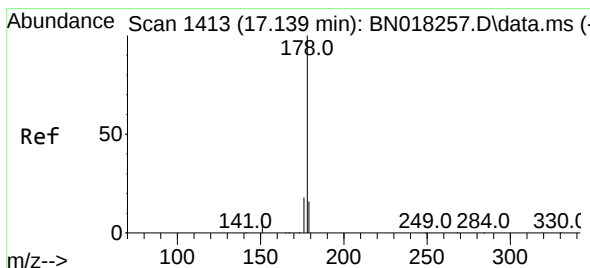
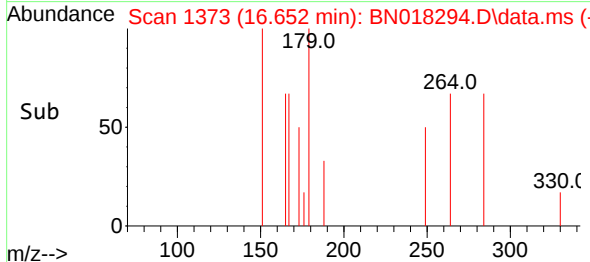
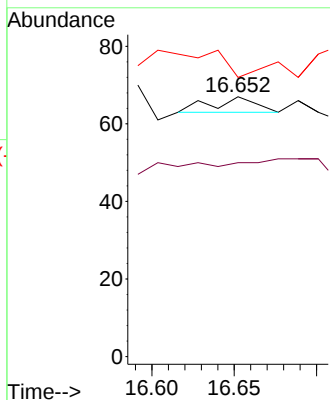
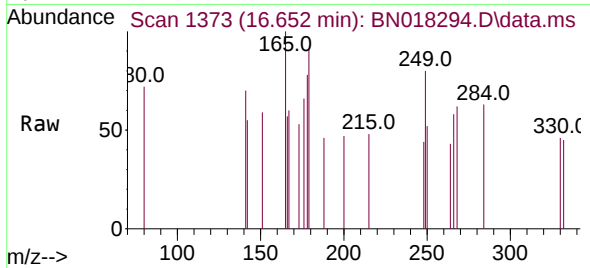




#24
 Pentachlorophenol
 Concen: 0.177 ng
 RT: 16.652 min Scan# 11
 Delta R.T. -0.025 min
 Lab File: BN018294.D
 Acq: 30 Dec 2021 13:43

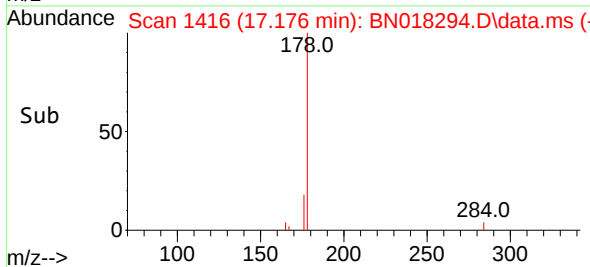
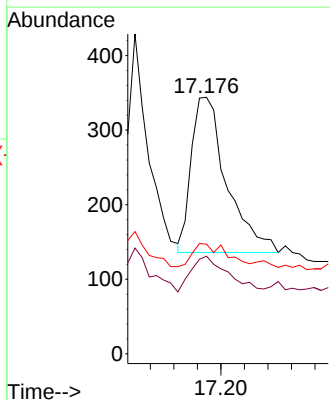
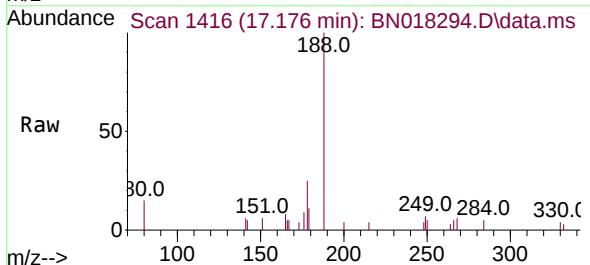
Instrument :
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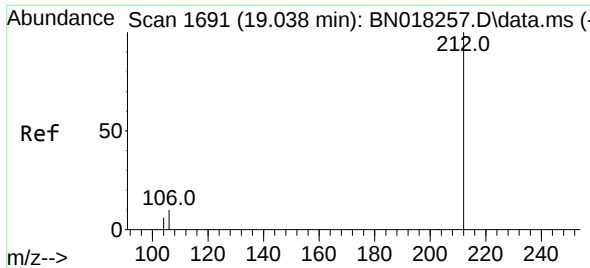
Tgt Ion:266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.5 74.3#
 268 0.0 50.6 76.0#



#26
 Anthracene
 Concen: 0.046 ng
 RT: 17.176 min Scan# 1416
 Delta R.T. 0.037 min
 Lab File: BN018294.D
 Acq: 30 Dec 2021 13:43

Tgt Ion:178 Resp: 872
 Ion Ratio Lower Upper
 178 100
 176 23.9 14.8 22.2#
 179 13.9 12.2 18.4

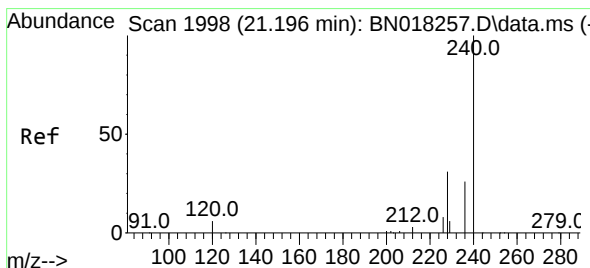
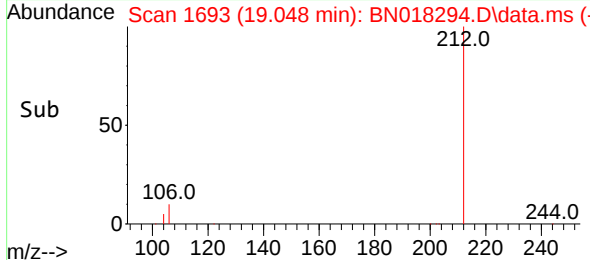
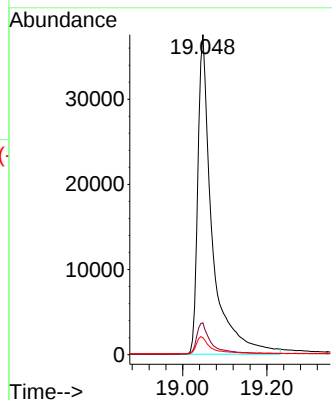
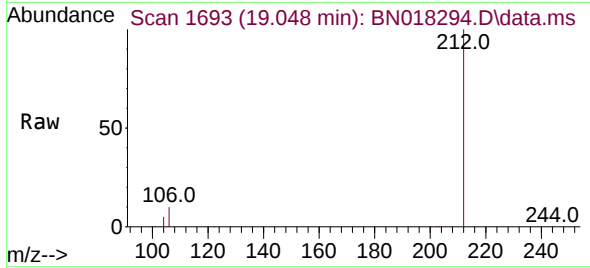




#27
Fluoranthene-d10
Concen: 0.276 ng
RT: 19.048 min Scan# 1693
Delta R.T. 0.010 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

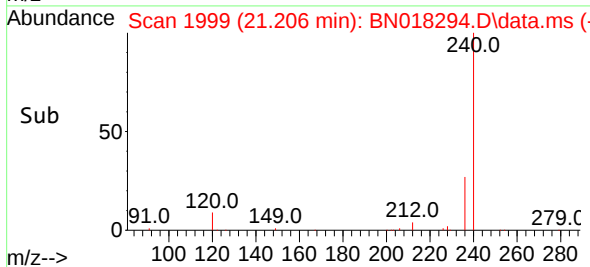
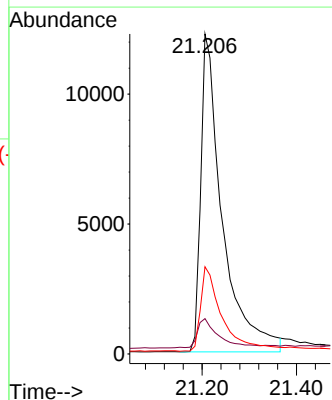
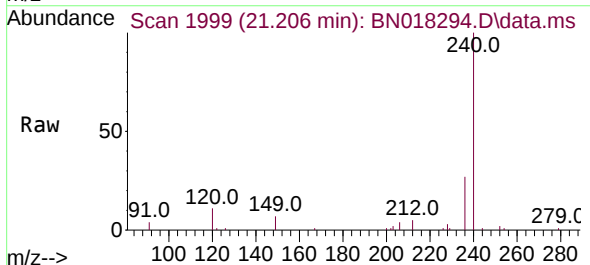
Instrument :
BNA_N
ClientSampleId :
PB141706BL

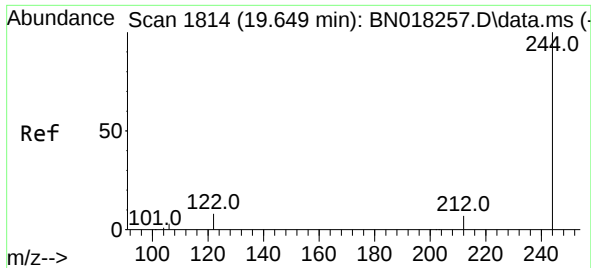
Tgt Ion:212 Resp: 89333
Ion Ratio Lower Upper
212 100
106 9.9 8.4 12.6
104 5.5 4.5 6.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.010 min
Lab File: BN018294.D
Acq: 30 Dec 2021 13:43

Tgt Ion:240 Resp: 38712
Ion Ratio Lower Upper
240 100
120 11.1 6.0 9.0#
236 27.3 21.4 32.2

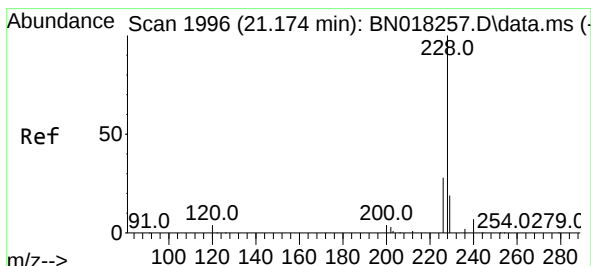
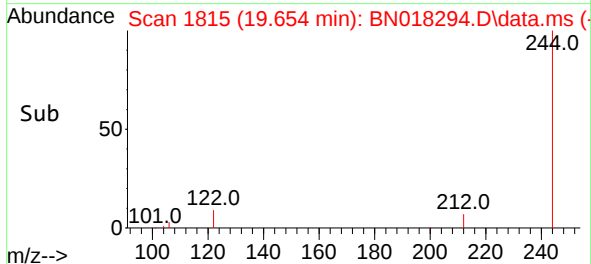
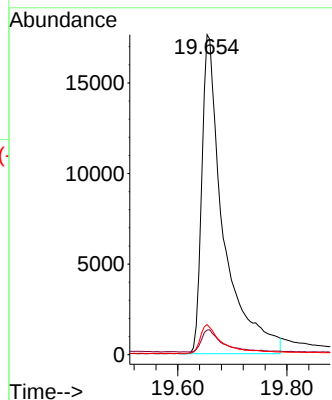
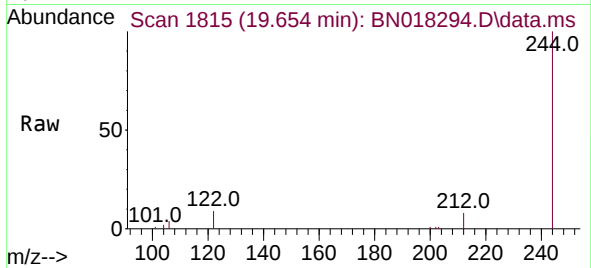




#31
 Terphenyl-d14
 Concen: 0.493 ng
 RT: 19.654 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: BN018294.D
 Acq: 30 Dec 2021 13:43

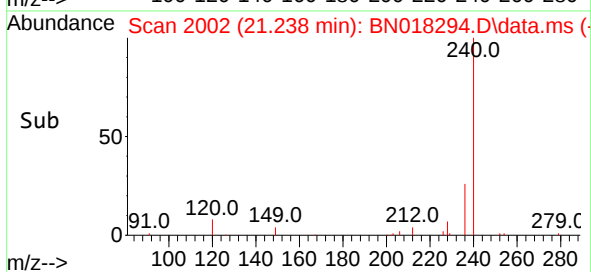
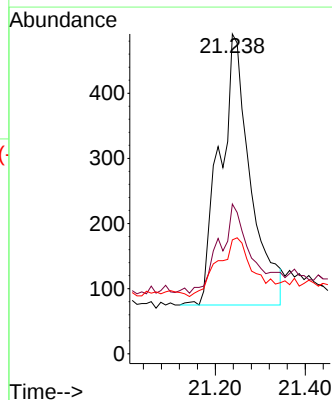
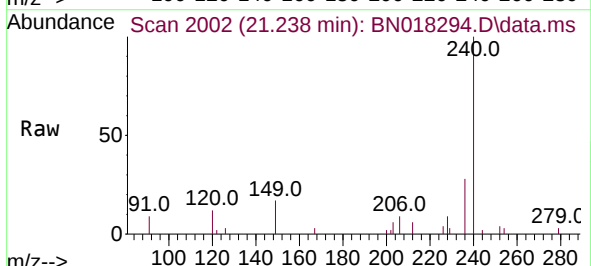
Instrument :
 BNA_N
 ClientSampleId :
 PB141706BL

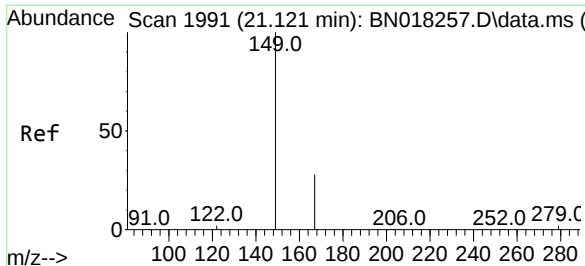
Tgt Ion:244 Resp: 48450
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.4 7.9 11.9



#32
 Benzo(a)anthracene
 Concen: 0.072 ng
 RT: 21.238 min Scan# 2002
 Delta R.T. 0.064 min
 Lab File: BN018294.D
 Acq: 30 Dec 2021 13:43

Tgt Ion:228 Resp: 1966
 Ion Ratio Lower Upper
 228 100
 226 46.8 21.3 31.9#
 229 35.6 15.9 23.9#

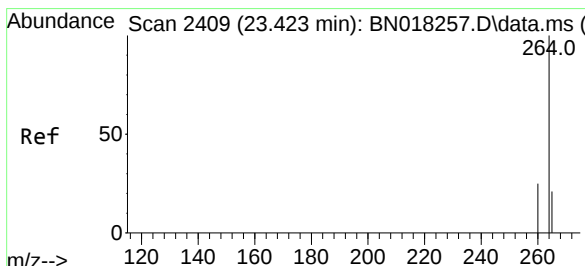
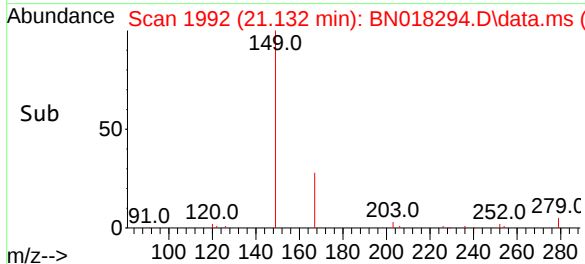
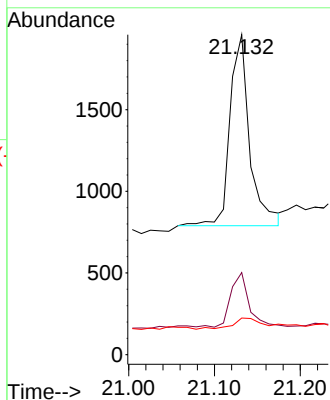
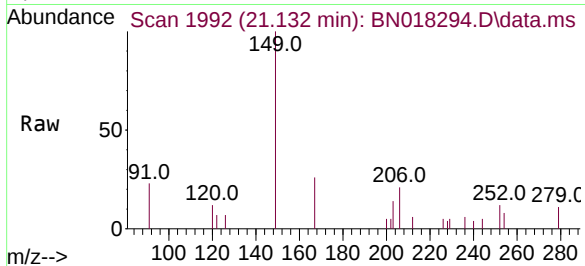




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.132 min Scan# 1992
 Delta R.T. 0.010 min
 Lab File: BN018294.D
 Acq: 30 Dec 2021 13:43

Instrument :
 BNA_N
 ClientSampleId :
 PB141706BL

Tgt Ion:149 Resp: 1872
 Ion Ratio Lower Upper
 149 100
 167 26.2 23.7 35.5
 279 10.1 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: BN018294.D
 Acq: 30 Dec 2021 13:43

Tgt Ion:264 Resp: 41078
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.2 30.4
 265 42.4 18.2 27.2#

