

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
 Data File : BN018297.D
 Acq On : 30 Dec 2021 15:34
 Operator : CG/JU
 Sample : M5212-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP122121

Quant Time: Dec 31 08:22:09 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)

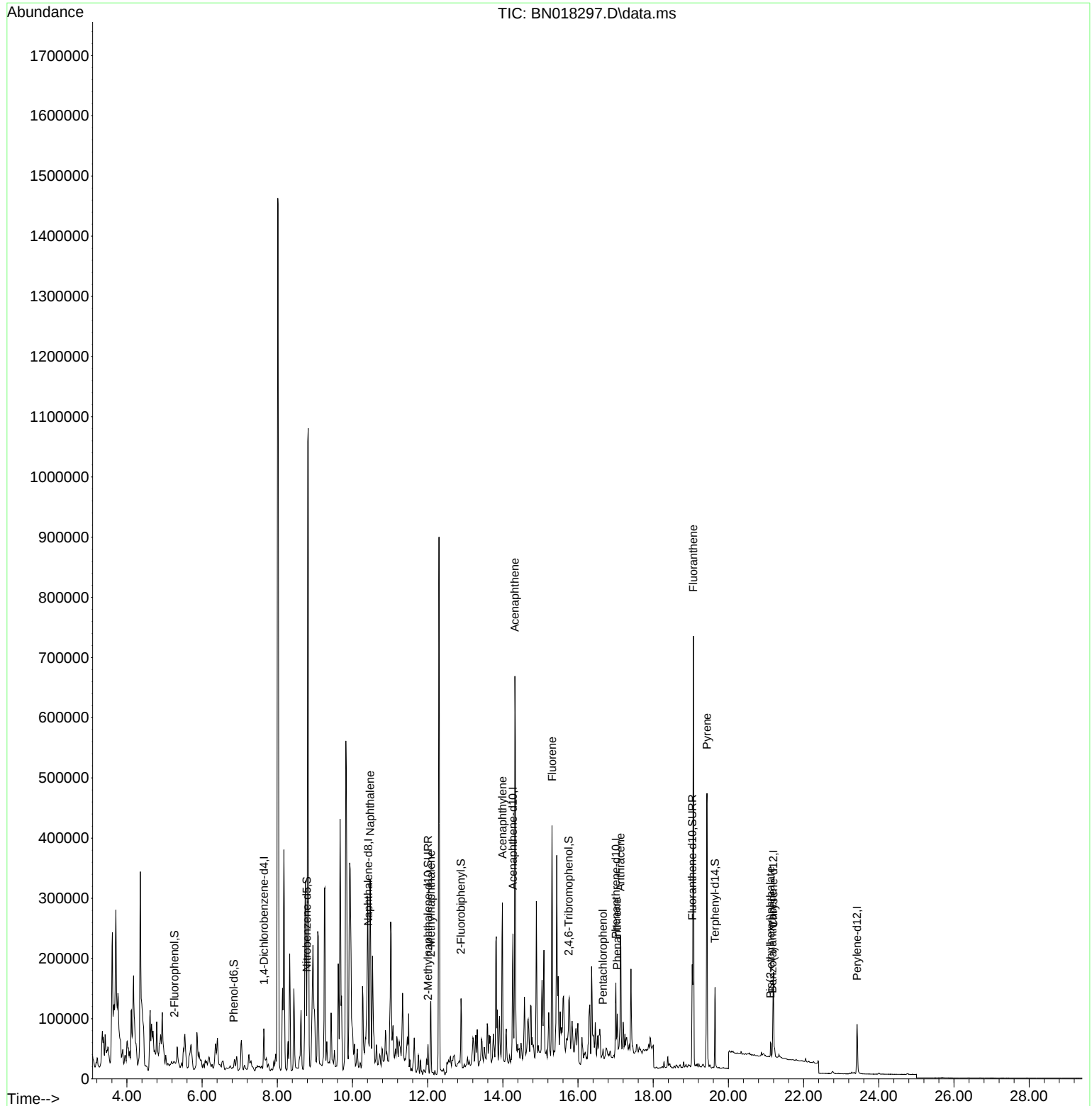
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	32894	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	129541	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	103342	0.400	ng	# 0.00
19) Phenanthrene-d10	17.006	188	162015	0.400	ng	0.00
29) Chrysene-d12	21.196	240	129706	0.400	ng	0.00
35) Perylene-d12	23.423	264	111878	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	11364	0.172	ng	0.02
5) Phenol-d6	6.840	99	3664	0.057	ng	0.00
8) Nitrobenzene-d5	8.785	82	28590m	0.434	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	65787	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	16821	0.609	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	105210	0.269	ng	-0.01
27) Fluoranthene-d10	19.038	212	191167	0.371	ng	0.00
31) Terphenyl-d14	19.644	244	137293	0.417	ng	0.00
Target Compounds						
9) Naphthalene	10.470	128	139314	0.435	ng	# 29
12) 2-Methylnaphthalene	12.083	142	86745	0.423	ng	# 94
16) Acenaphthylene	13.990	152	50262	0.138	ng	# 31
17) Acenaphthene	14.320	154	349973	1.311	ng	97
18) Fluorene	15.309	166	144443m	0.459	ng	
24) Pentachlorophenol	16.665	266	2251	0.324	ng	93
25) Phenanthrene	17.042	178	71215	0.167	ng	# 91
26) Anthracene	17.127	178	237098	0.643	ng	# 93
28) Fluoranthene	19.068	202	656197	1.312	ng	99
30) Pyrene	19.430	202	428974	0.843	ng	# 94
32) Benzo(a)anthracene	21.174	228	23657m	0.113	ng	
34) Bis(2-ethylhexyl)phtha...	21.121	149	24725	0.153	ng	# 98

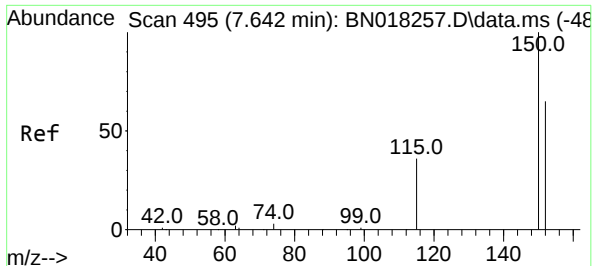
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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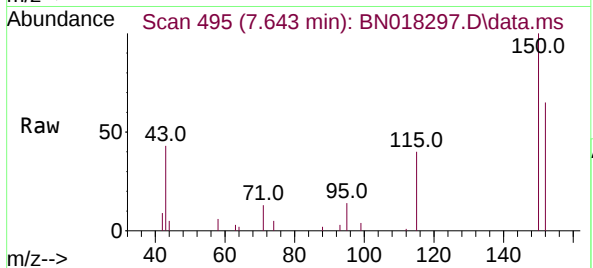
Quant Time: Dec 31 08:22:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration



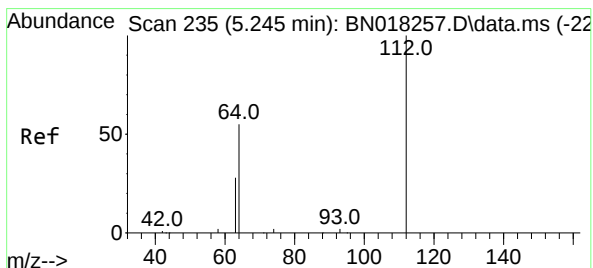
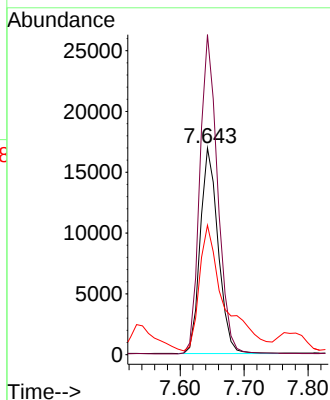
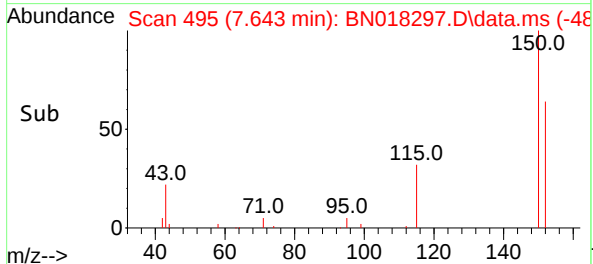


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.643 min Scan# 495
Delta R.T. 0.001 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

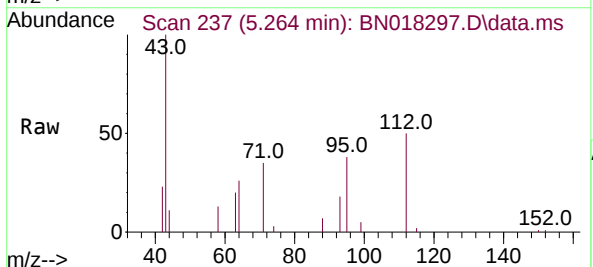
Instrument :
BNA_N
ClientSampleId :
DUP122121



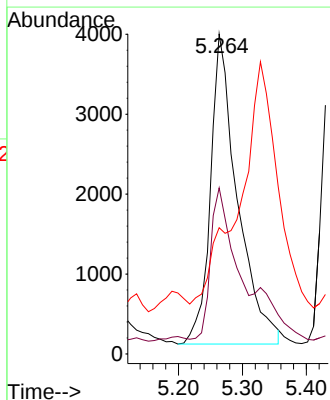
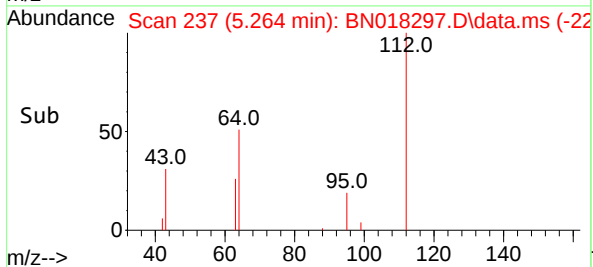
Tgt Ion:152 Resp: 32894
Ion Ratio Lower Upper
152 100
150 155.0 121.7 182.5
115 62.7 43.8 65.8

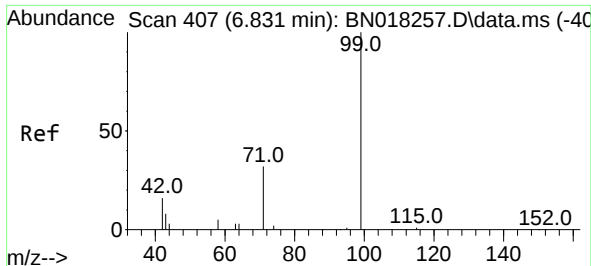


#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34



Tgt Ion:112 Resp: 11364
Ion Ratio Lower Upper
112 100
64 45.9 48.0 72.0#
63 0.0 25.3 37.9#

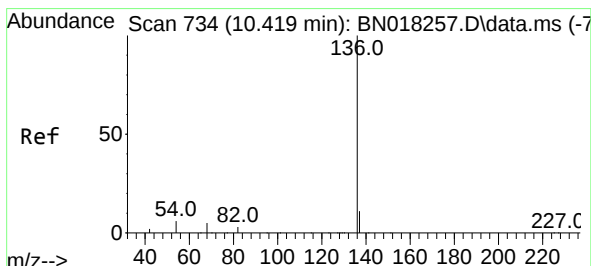
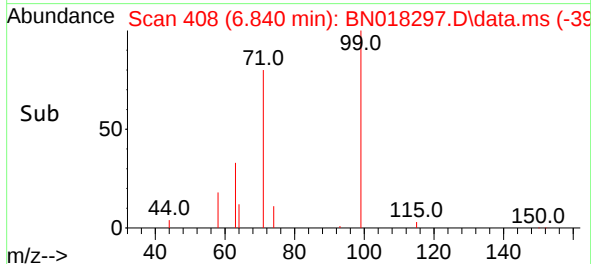
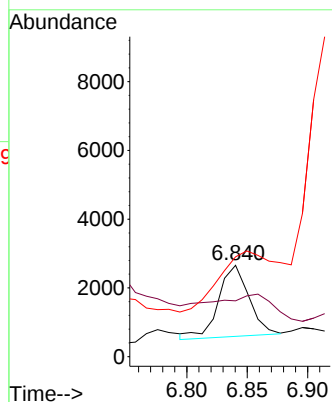
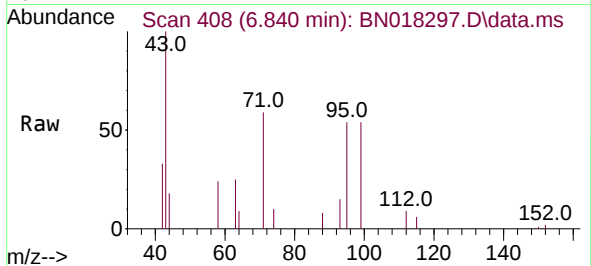




#5
Phenol-d6
Concen: 0.057 ng
RT: 6.840 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

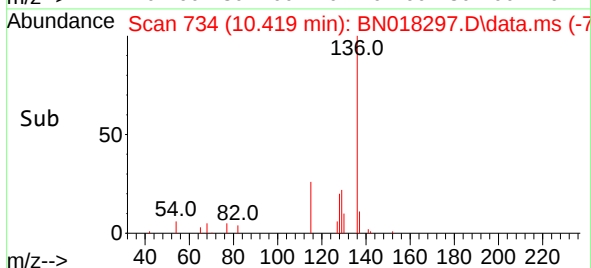
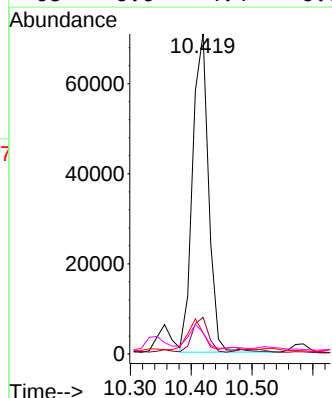
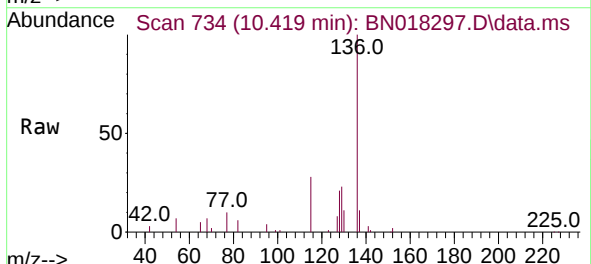
Instrument :
BNA_N
ClientSampleId :
DUP122121

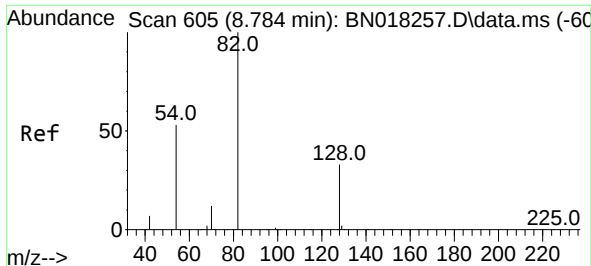
Tgt Ion: 99 Resp: 3664
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 156.7 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

Tgt Ion: 136 Resp: 129541
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.6 5.0 7.6
68 6.6 4.4 6.6#

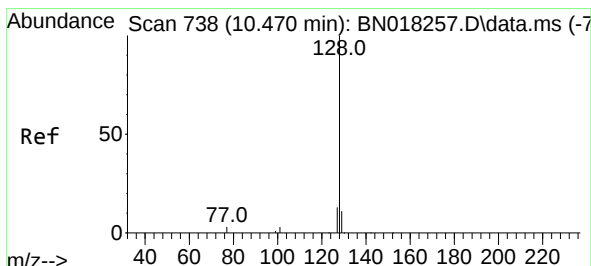
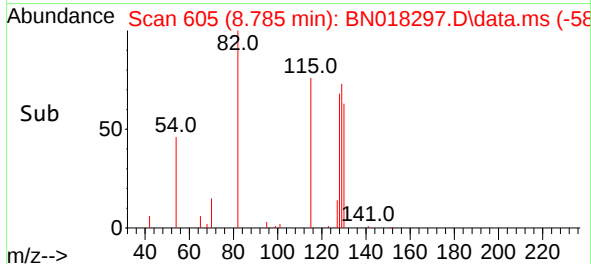
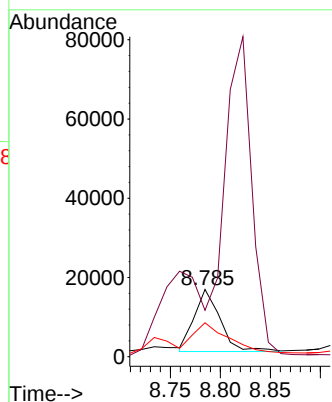
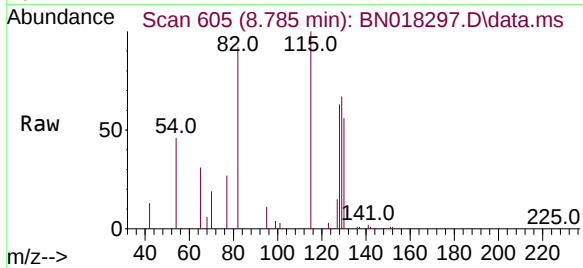




#8
Nitrobenzene-d5
Concen: 0.434 ng m
RT: 8.785 min Scan# 605
Delta R.T. 0.001 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

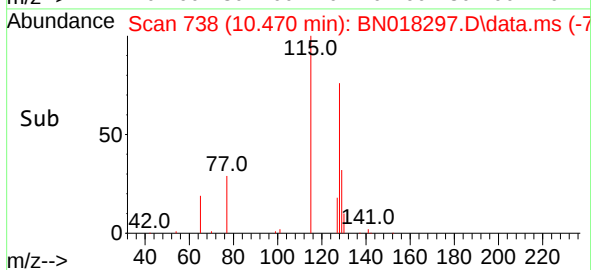
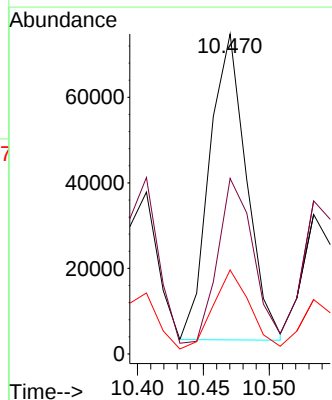
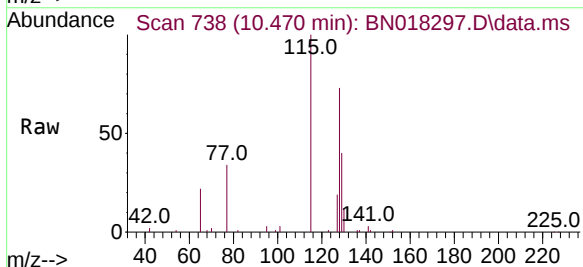
Instrument :
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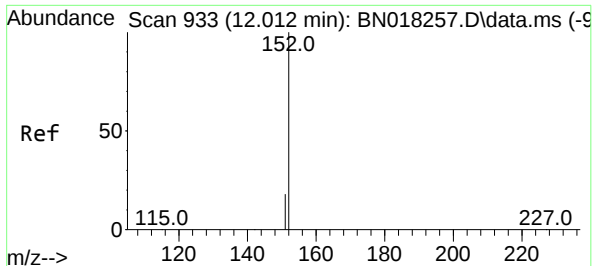
Tgt Ion: 82 Resp: 28590
Ion Ratio Lower Upper
82 100
128 69.1 33.7 50.5#
54 50.3 36.6 55.0



#9
Naphthalene
Concen: 0.435 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

Tgt Ion: 128 Resp: 139314
Ion Ratio Lower Upper
128 100
129 54.9 8.7 13.1#
127 26.2 10.4 15.6#





#11

2-Methylnaphthalene-d10

Concen: 0.302 ng

RT: 12.007 min Scan# 91

Delta R.T. -0.004 min

Lab File: BN018297.D

Acq: 30 Dec 2021 15:34

Instrument :

BNA_N

ClientSampleId :

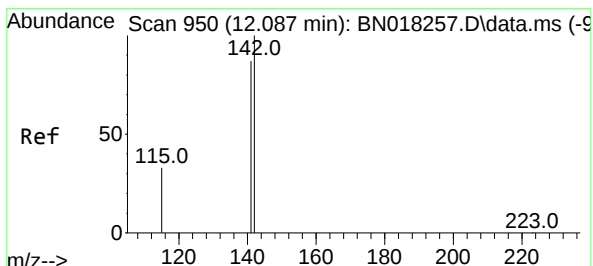
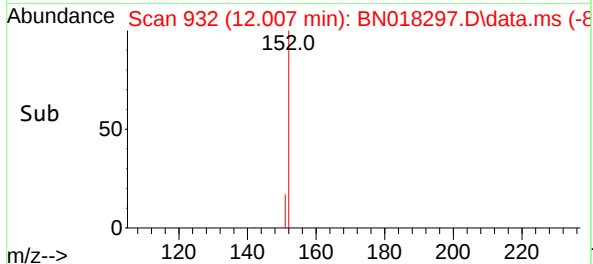
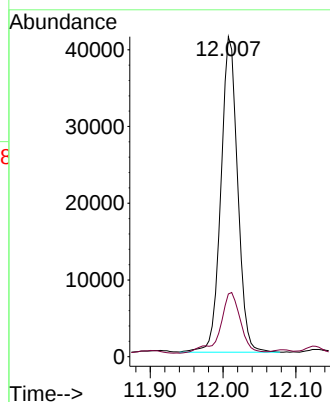
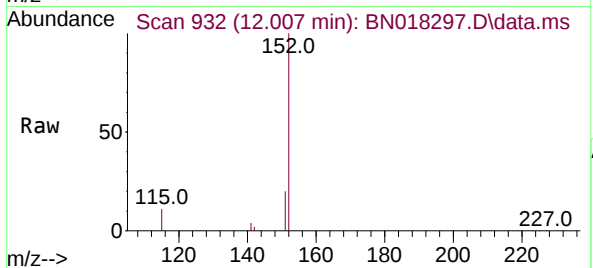
DUP122121

Tgt Ion:152 Resp: 65787

Ion Ratio Lower Upper

152 100

151 23.6 16.2 24.2



#12

2-Methylnaphthalene

Concen: 0.423 ng

RT: 12.083 min Scan# 949

Delta R.T. -0.004 min

Lab File: BN018297.D

Acq: 30 Dec 2021 15:34

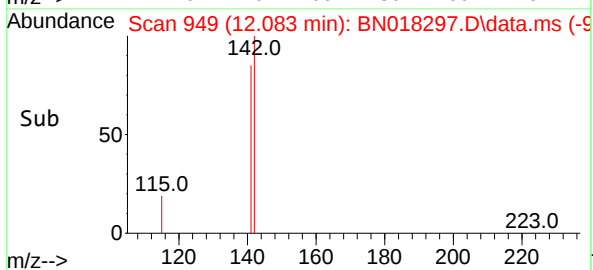
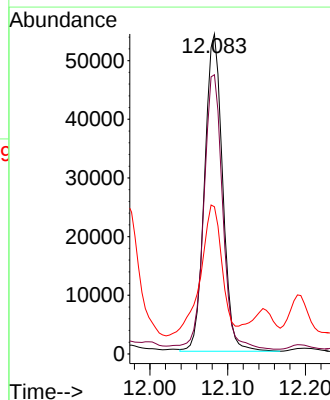
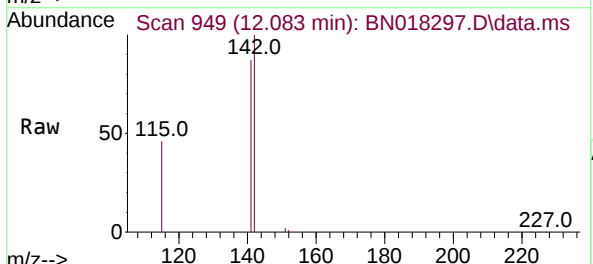
Tgt Ion:142 Resp: 86745

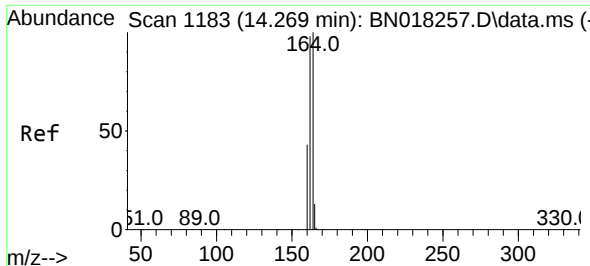
Ion Ratio Lower Upper

142 100

141 87.3 70.0 105.0

115 46.0 27.8 41.8#

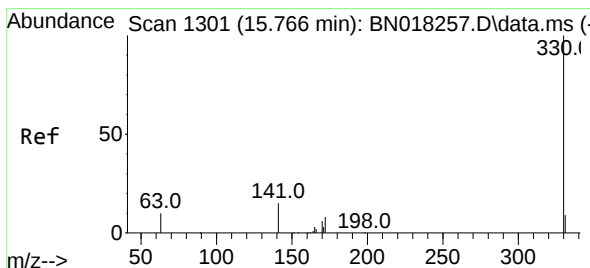
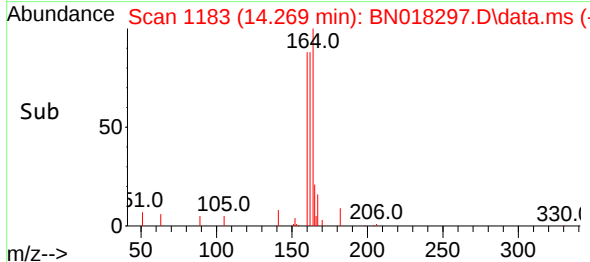
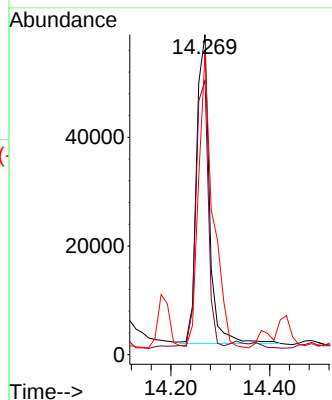
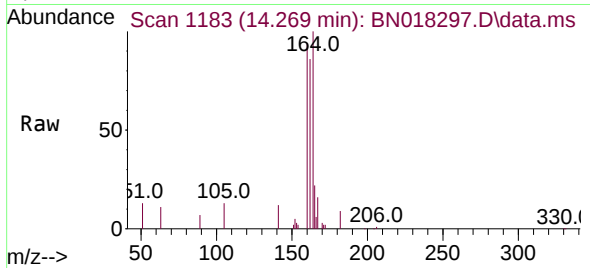




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

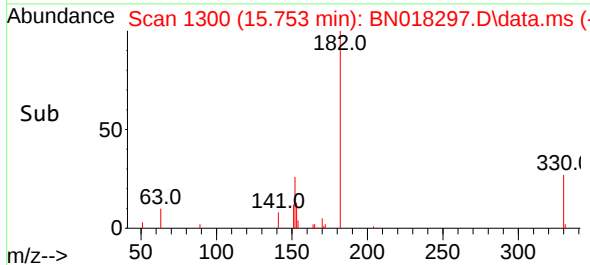
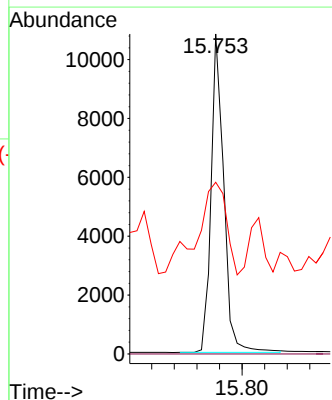
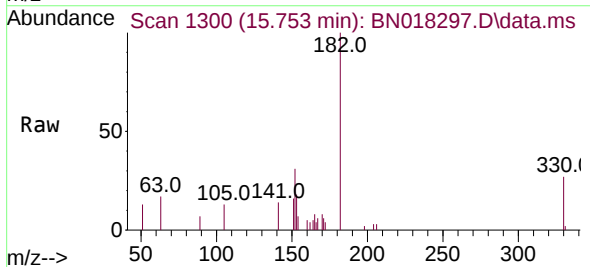
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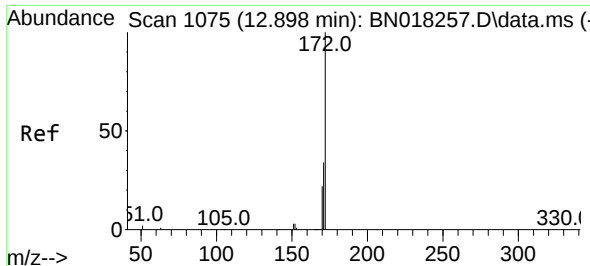
Tgt Ion:164 Resp: 103342
Ion Ratio Lower Upper
164 100
162 85.7 80.2 120.2
160 93.9 36.9 55.3#



#14
2,4,6-Tribromophenol
Concen: 0.609 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.013 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

Tgt Ion:330 Resp: 16821
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.3 21.3 31.9#

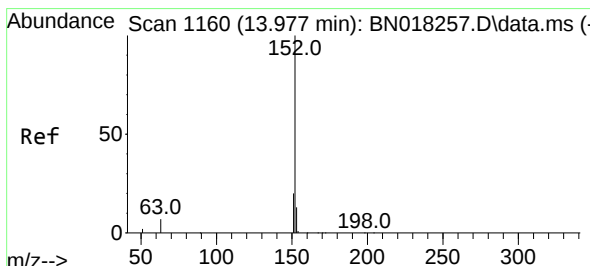
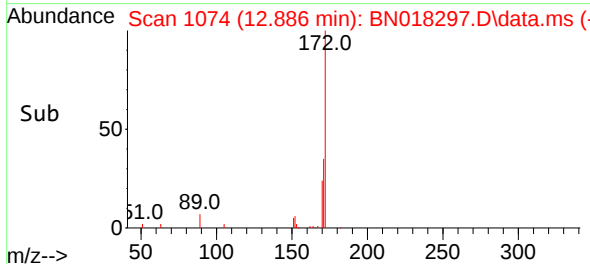
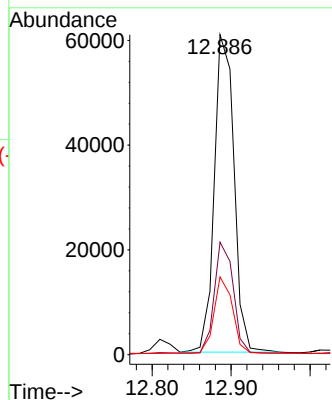
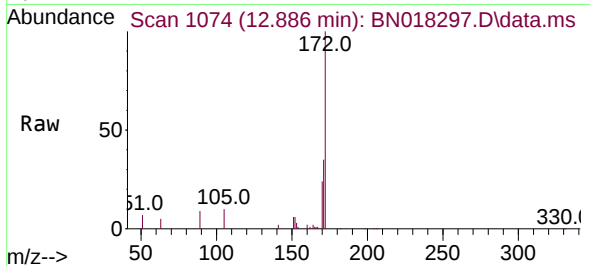




#15
2-Fluorobiphenyl
Concen: 0.269 ng
RT: 12.886 min Scan# 1107
Delta R.T. -0.013 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

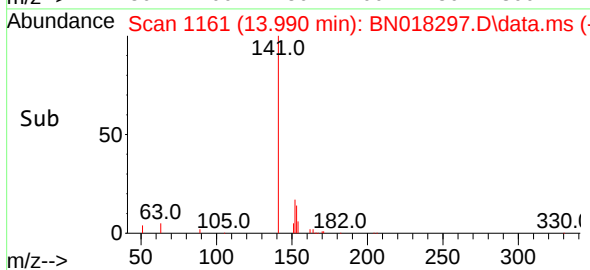
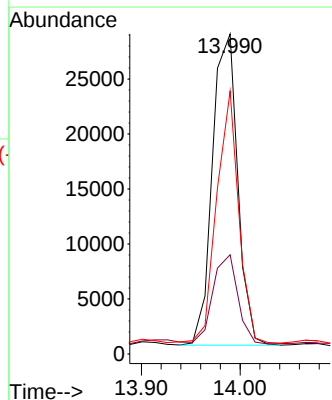
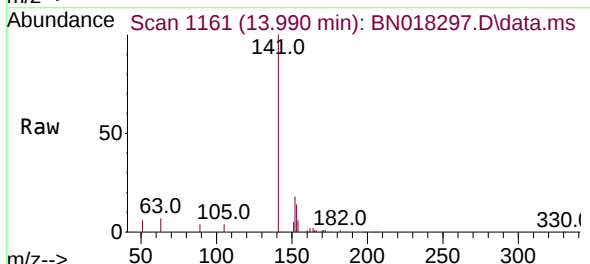
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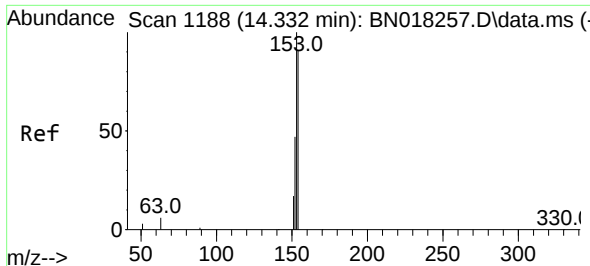
Tgt Ion:172 Resp: 105210
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.0
170 24.3 18.4 27.6



#16
Acenaphthylene
Concen: 0.138 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.013 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

Tgt Ion:152 Resp: 50262
Ion Ratio Lower Upper
152 100
151 28.1 15.8 23.6#
153 71.1 10.5 15.7#

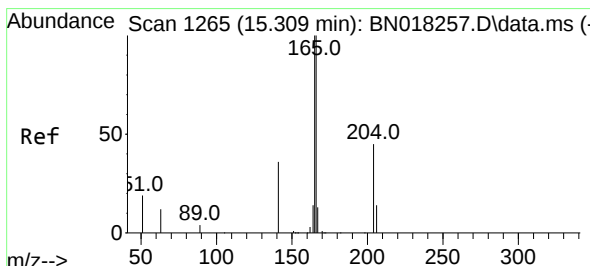
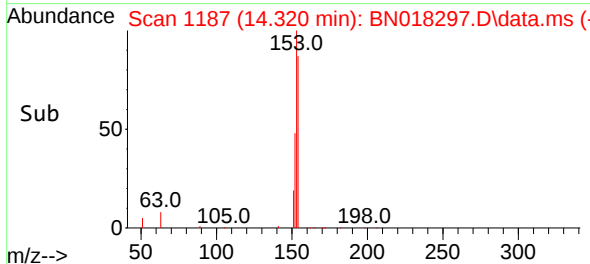
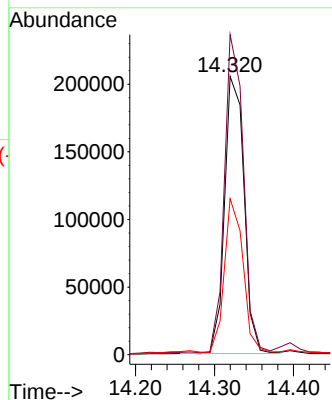
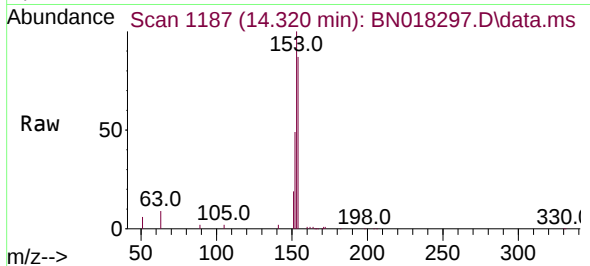




#17
Acenaphthene
Concen: 1.311 ng
RT: 14.320 min Scan# 1187
Delta R.T. -0.013 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

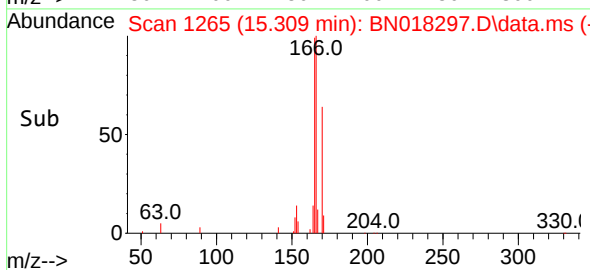
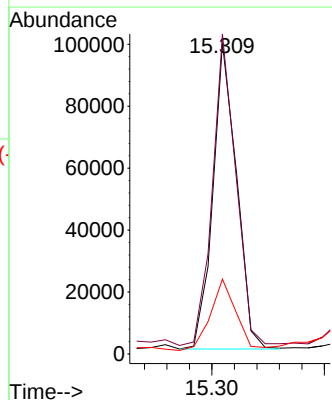
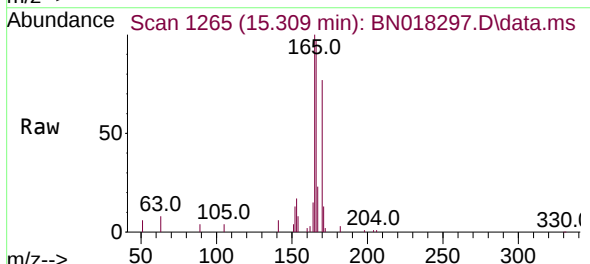
Instrument :
BNA_N
ClientSampleId :
DUP122121

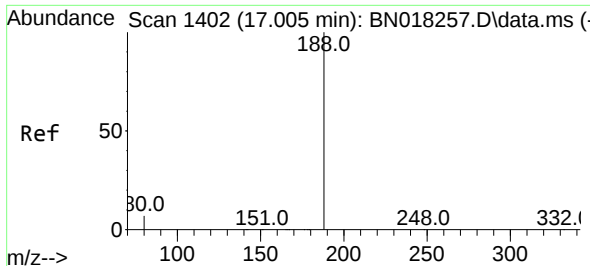
Tgt Ion:154 Resp: 349973
Ion Ratio Lower Upper
154 100
153 111.7 90.9 136.3
152 53.1 45.0 67.4



#18
Fluorene
Concen: 0.459 ng m
RT: 15.309 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

Tgt Ion:166 Resp: 144443
Ion Ratio Lower Upper
166 100
165 100.5 77.8 116.6
167 25.1 10.9 16.3#

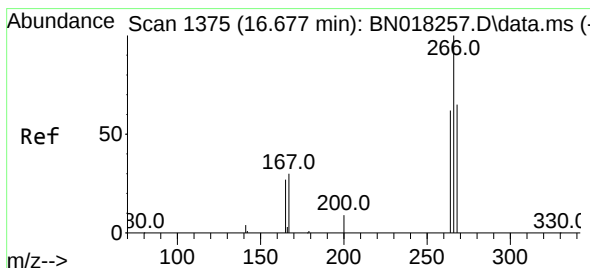
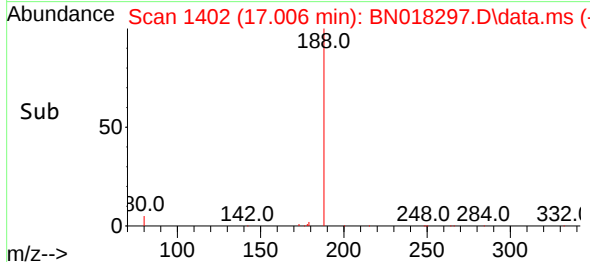
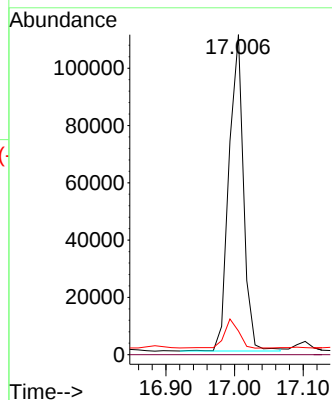
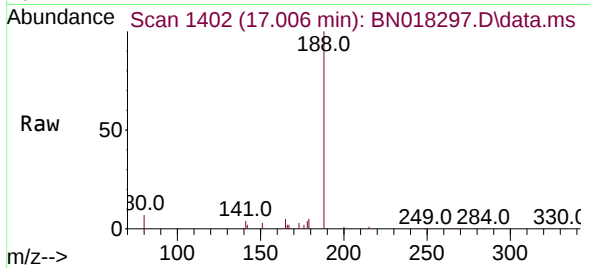




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.006 min Scan# 1402
Delta R.T. 0.001 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

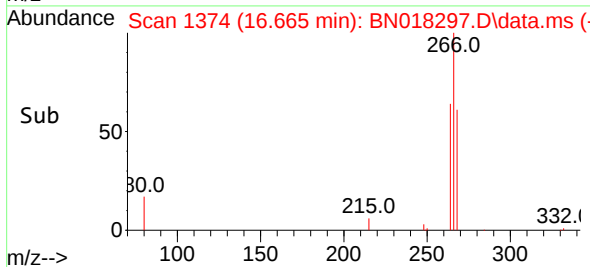
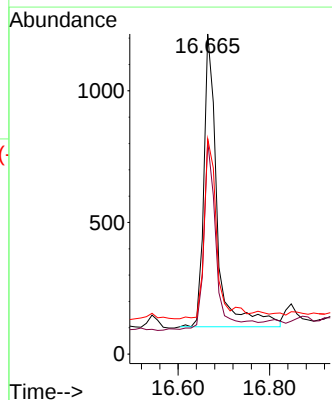
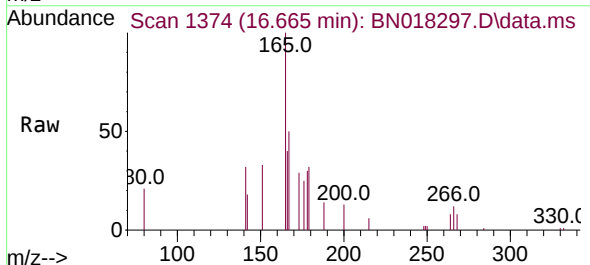
Instrument :
BNA_N
ClientSampleId :
DUP122121

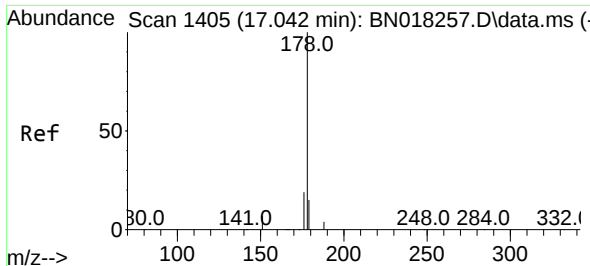
Tgt Ion:188 Resp: 162015
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 7.0 10.4



#24
Pentachlorophenol
Concen: 0.324 ng
RT: 16.665 min Scan# 1374
Delta R.T. -0.012 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

Tgt Ion:266 Resp: 2251
Ion Ratio Lower Upper
266 100
264 56.5 49.5 74.3
268 58.6 50.6 76.0

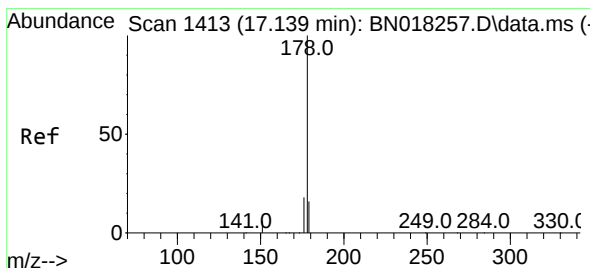
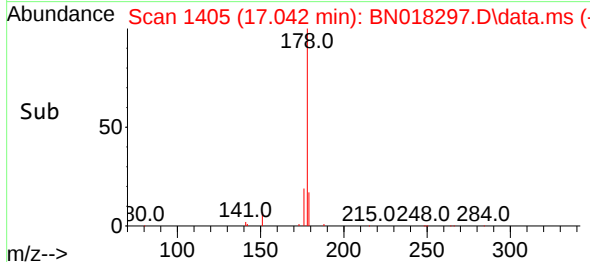
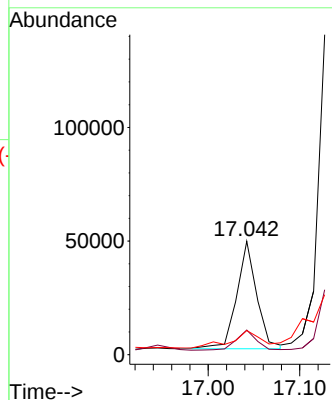
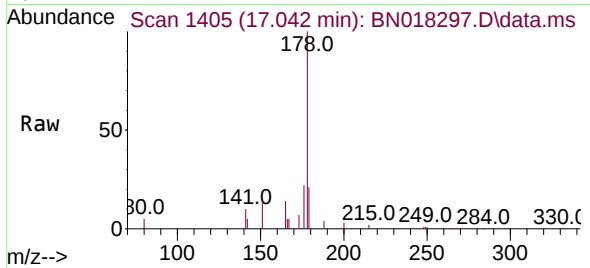




#25
Phenanthrene
Concen: 0.167 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

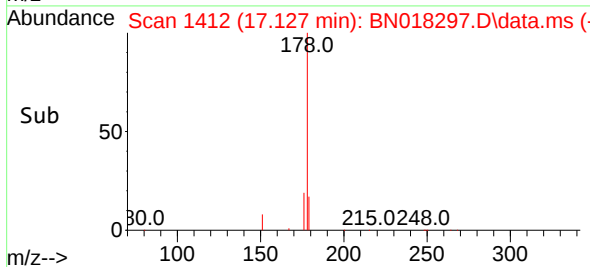
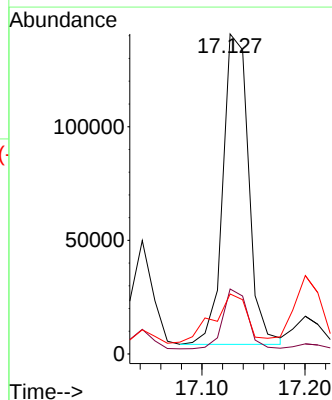
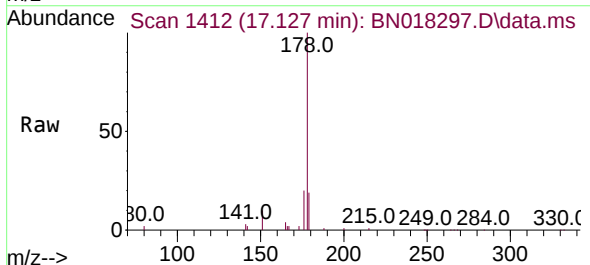
Instrument :
BNA_N
ClientSampleId :
DUP122121

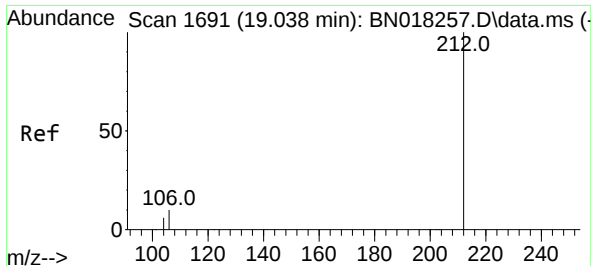
Tgt Ion:178 Resp: 71215
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 23.6 12.3 18.5#



#26
Anthracene
Concen: 0.643 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

Tgt Ion:178 Resp: 237098
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 21.5 12.2 18.4#

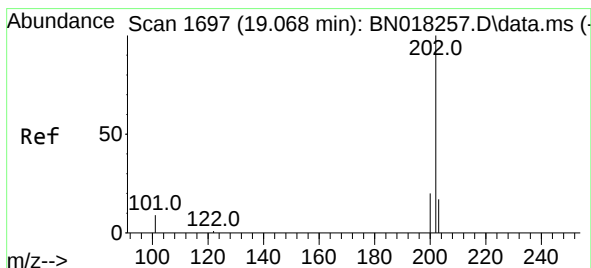
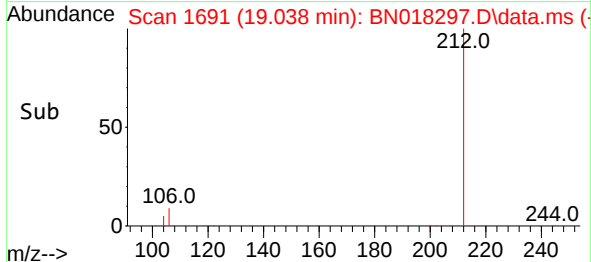
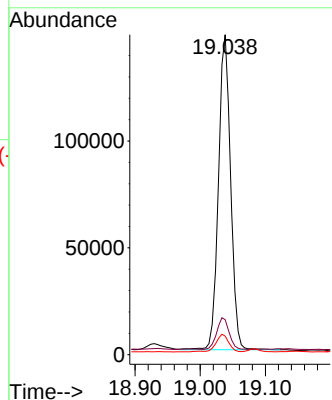
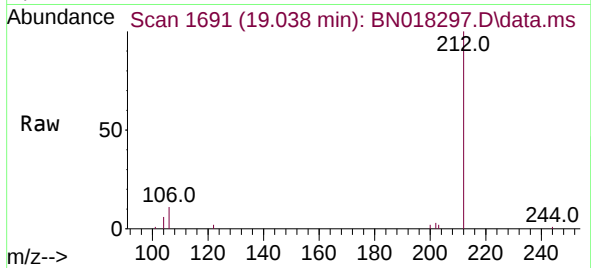




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.038 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

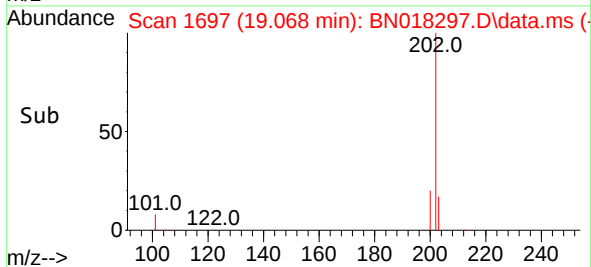
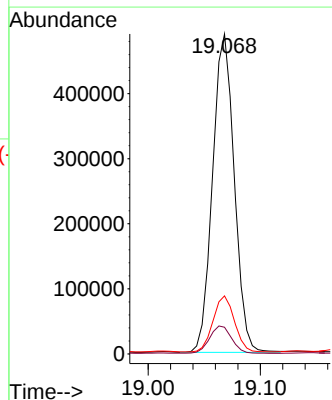
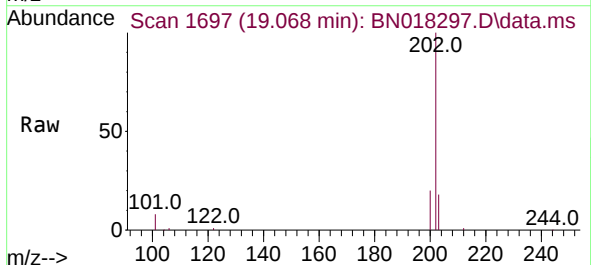
Instrument :
BNA_N
ClientSampleId :
DUP122121

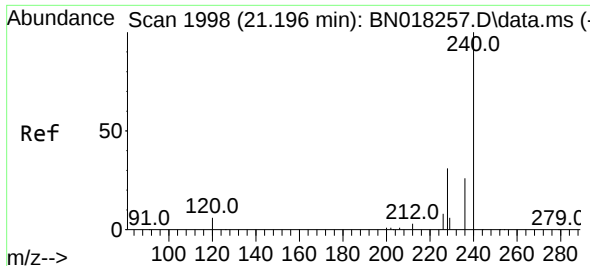
Tgt Ion:212 Resp: 191167
Ion Ratio Lower Upper
212 100
106 10.1 8.4 12.6
104 6.0 4.5 6.7



#28
Fluoranthene
Concen: 1.312 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

Tgt Ion:202 Resp: 656197
Ion Ratio Lower Upper
202 100
101 8.6 7.2 10.8
203 17.3 13.7 20.5

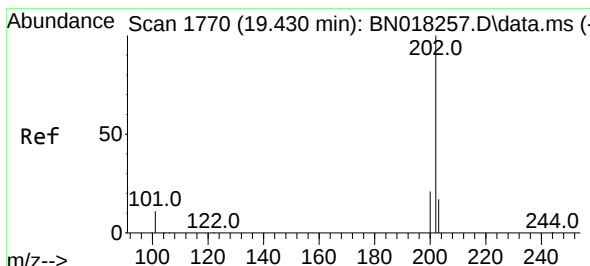
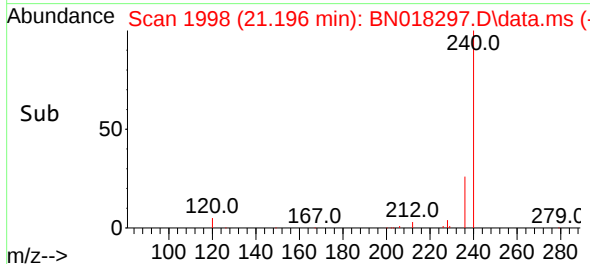
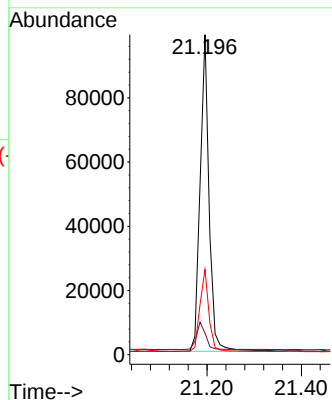
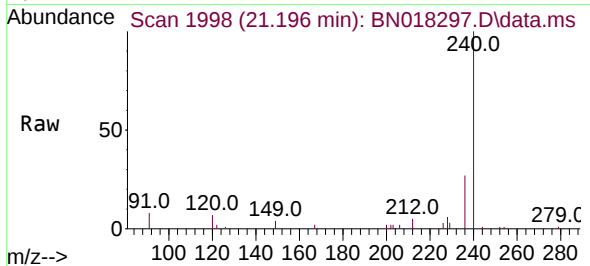




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

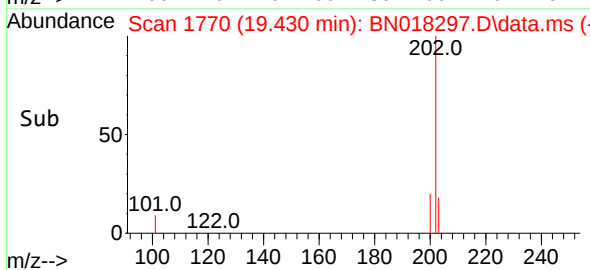
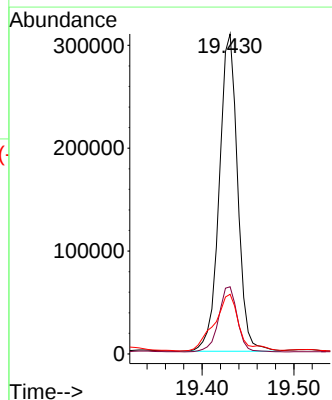
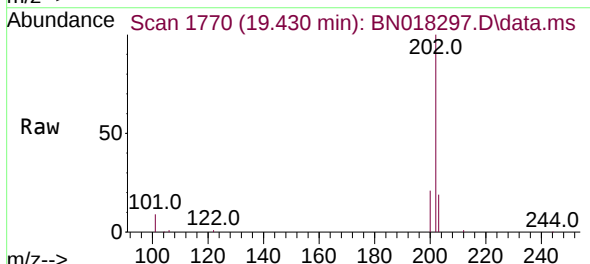
Instrument :
BNA_N
ClientSampleId :
DUP122121

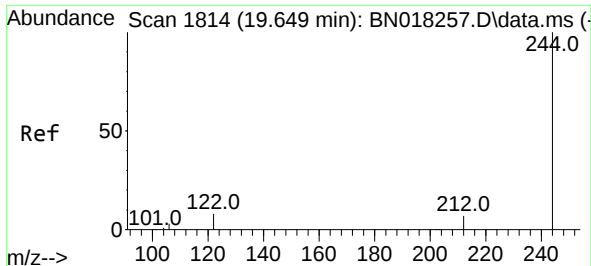
Tgt Ion:240 Resp: 129706
Ion Ratio Lower Upper
240 100
120 6.7 6.0 9.0
236 26.7 21.4 32.2



#30
Pyrene
Concen: 0.843 ng
RT: 19.430 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

Tgt Ion:202 Resp: 428974
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 23.8 14.1 21.1#

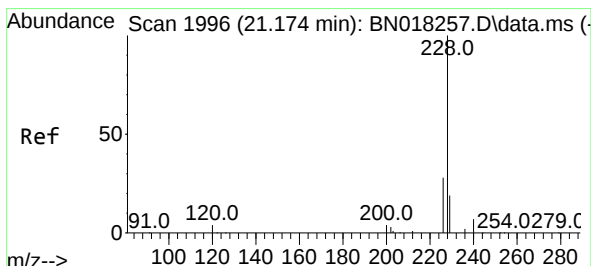
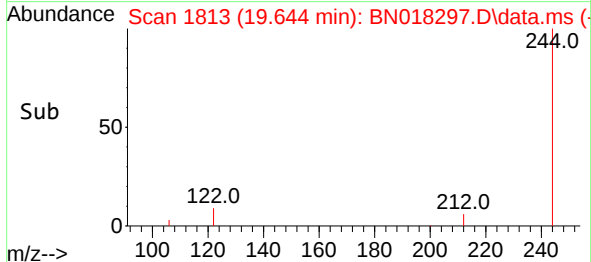
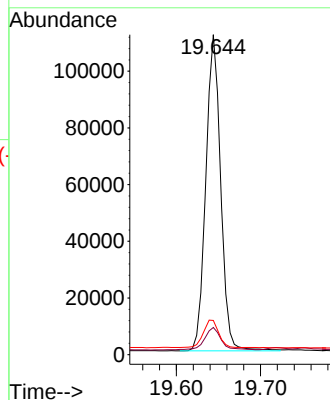
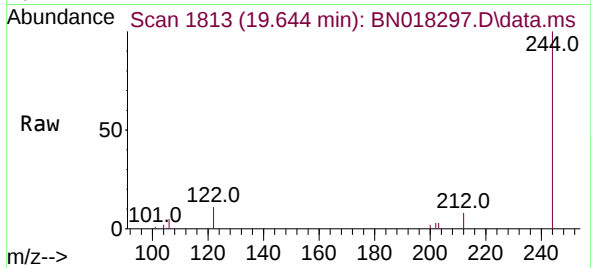




#31
Terphenyl-d14
Concen: 0.417 ng
RT: 19.644 min Scan# 1814
Delta R.T. -0.005 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

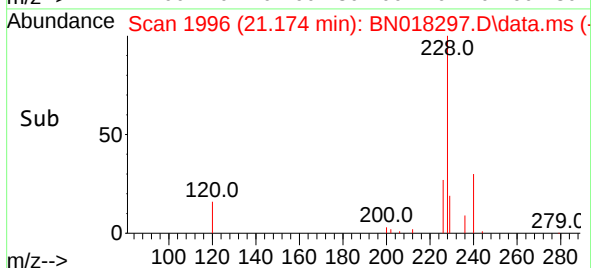
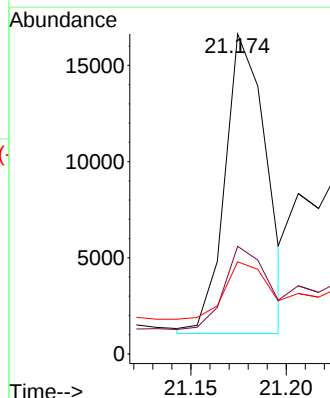
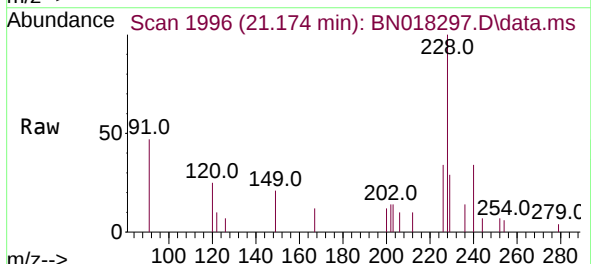
Instrument :
BNA_N
ClientSampleId :
DUP122121

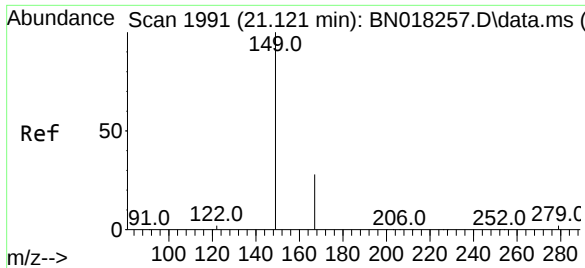
Tgt Ion:244 Resp: 137293
Ion Ratio Lower Upper
244 100
212 8.5 6.2 9.2
122 10.7 7.9 11.9



#32
Benzo(a)anthracene
Concen: 0.113 ng m
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN018297.D
Acq: 30 Dec 2021 15:34

Tgt Ion:228 Resp: 23657
Ion Ratio Lower Upper
228 100
226 33.7 21.3 31.9#
229 28.8 15.9 23.9#

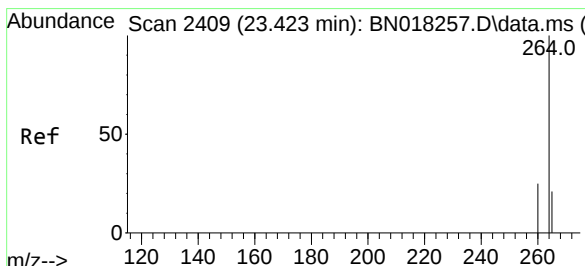
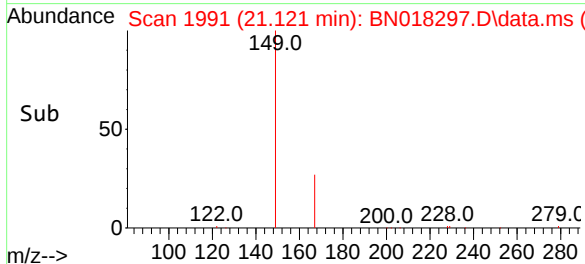
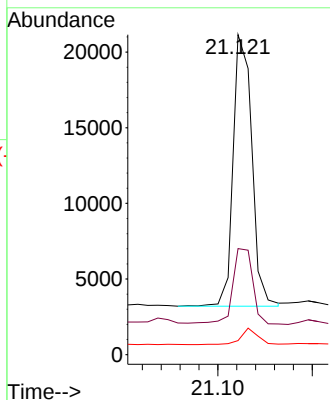
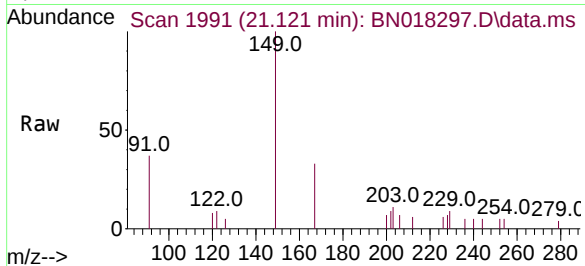




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.153 ng
 RT: 21.121 min Scan# 1991
 Delta R.T. 0.000 min
 Lab File: BN018297.D
 Acq: 30 Dec 2021 15:34

Instrument :
 BNA_N
 ClientSampleId :
 DUP122121

Tgt Ion:149 Resp: 24725
 Ion Ratio Lower Upper
 149 100
 167 30.3 23.7 35.5
 279 5.5 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.423 min Scan# 2409
 Delta R.T. 0.000 min
 Lab File: BN018297.D
 Acq: 30 Dec 2021 15:34

Tgt Ion:264 Resp: 111878
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.4
 265 27.6 18.2 27.2#

