

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018283.D
 Acq On : 30 Dec 2021 05:38
 Operator : CG/JU
 Sample : M5221-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 30 06:35:45 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

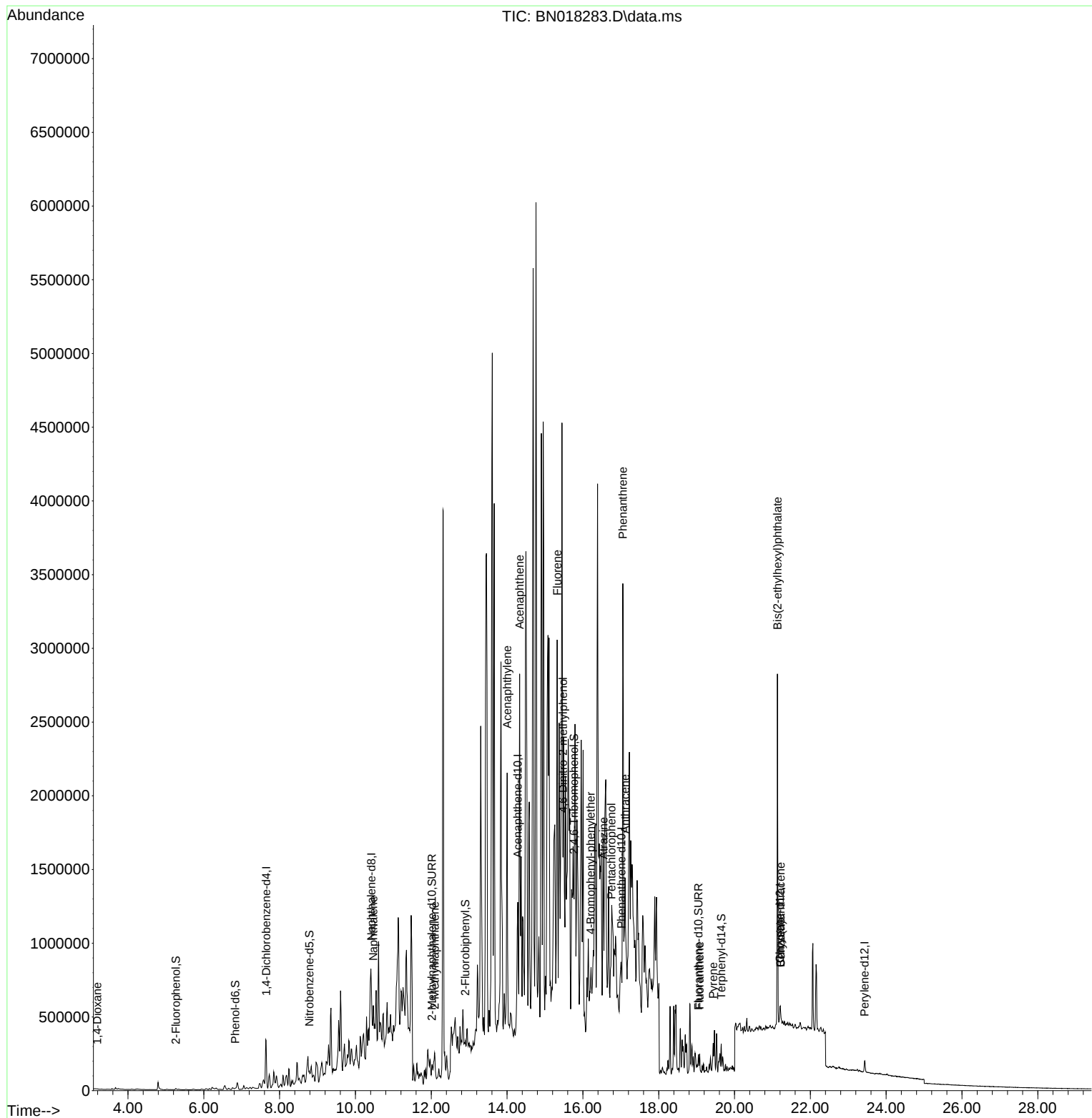
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27609	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	103510	0.400	ng	# 0.00
13) Acenaphthene-d10	14.281	164	76839	0.400	ng	# 0.01
19) Phenanthrene-d10	17.017	188	117868	0.400	ng	# 0.01
29) Chrysene-d12	21.195	240	113652	0.400	ng	# 0.00
35) Perylene-d12	23.433	264	106414	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	10389	0.188	ng	0.02
5) Phenol-d6	6.831	99	6871	0.128	ng	0.00
8) Nitrobenzene-d5	8.784	82	71659	1.070	ng	0.00
11) 2-Methylnaphthalene-d10	12.016	152	71593	0.411	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9874	0.545	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	96647	0.332	ng	0.00
27) Fluoranthene-d10	19.048	212	150062	0.400	ng	0.00
31) Terphenyl-d14	19.649	244	124190	0.430	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.189	88	812	0.052	ng	# 21
9) Naphthalene	10.470	128	253910	0.992	ng	# 78
12) 2-Methylnaphthalene	12.092	142	129623	0.790	ng	# 51
16) Acenaphthylene	14.002	152	256360	0.949	ng	# 1
17) Acenaphthene	14.332	154	451200	2.274	ng	# 74
18) Fluorene	15.322	166	950328	4.066	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.474	198	14205	3.442	ng	# 1
21) 4-Bromophenyl-phenylether	16.202	248	1935	0.027	ng	# 1
23) Atrazine	16.543	200	18573	0.447	ng	# 1
24) Pentachlorophenol	16.750	266	7761	0.796	ng	# 26
25) Phenanthrene	17.054	178	3228093	10.389	ng	# 94
26) Anthracene	17.115	178	249045	0.909	ng	# 1
28) Fluoranthene	19.078	202	118302	0.325	ng	# 79
30) Pyrene	19.440	202	201615	0.452	ng	98
32) Benzo(a)anthracene	21.217	228	100452	0.330	ng	# 27
33) Chrysene	21.217	228	85239	0.233	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.132	149	2029381	14.305	ng	# 99

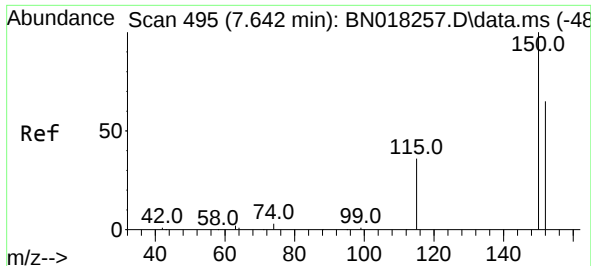
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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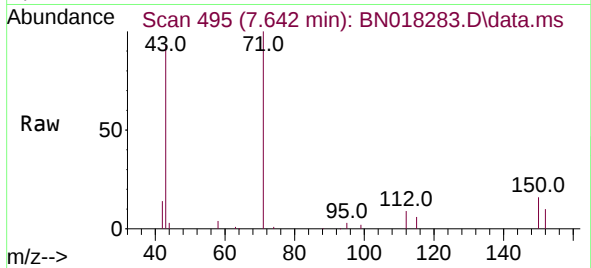
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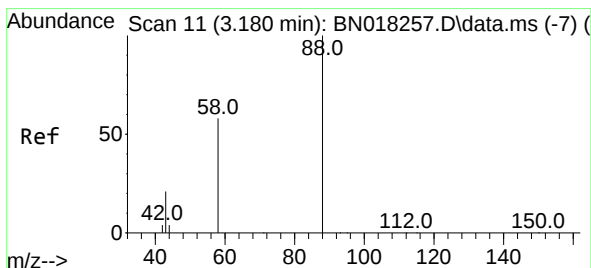
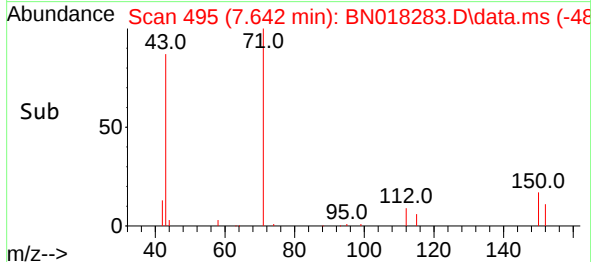
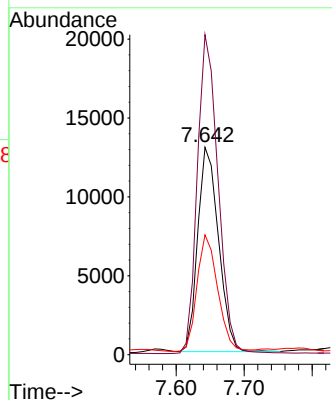


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN018283.D
 Acq: 30 Dec 2021 05:38

Instrument :
 BNA_N
 ClientSampleId :

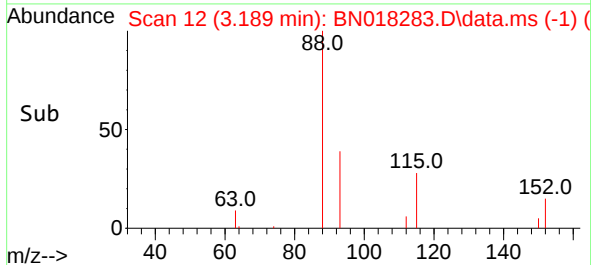
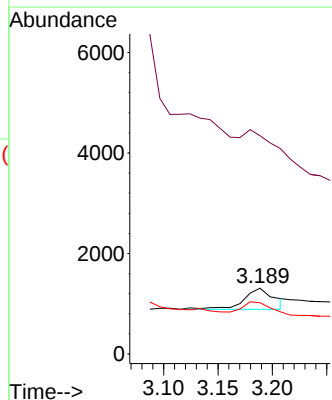
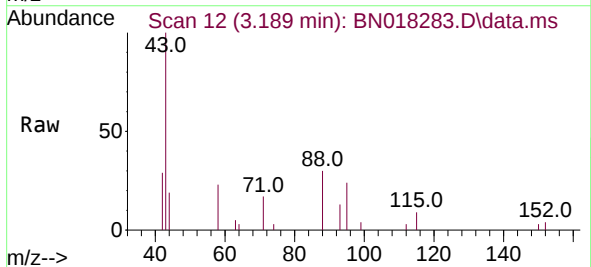


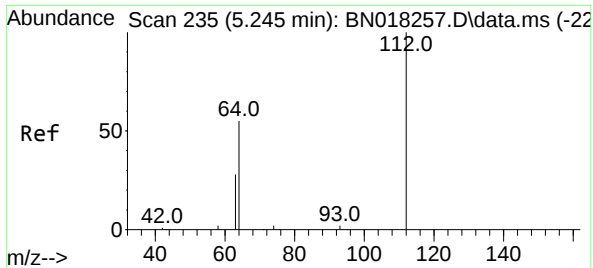
Tgt Ion:152 Resp: 27609
 Ion Ratio Lower Upper
 152 100
 150 154.3 121.7 182.5
 115 57.8 43.8 65.8



#2
 1,4-Dioxane
 Concen: 0.052 ng
 RT: 3.189 min Scan# 12
 Delta R.T. 0.009 min
 Lab File: BN018283.D
 Acq: 30 Dec 2021 05:38

Tgt Ion: 88 Resp: 812
 Ion Ratio Lower Upper
 88 100
 43 0.0 69.7 104.5#
 58 36.7 83.8 125.8#

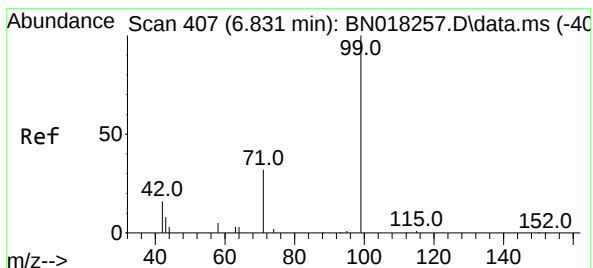
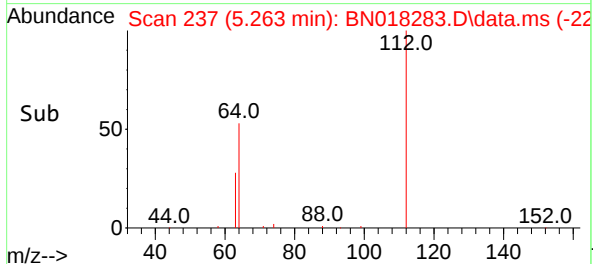
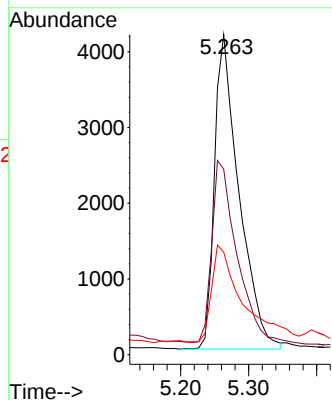
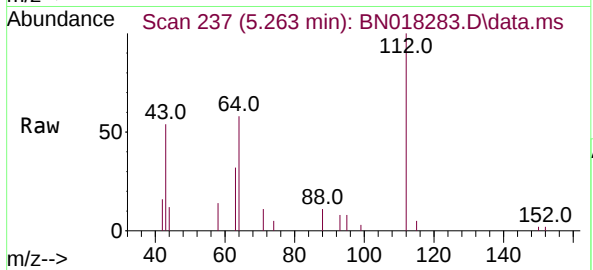




#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.263 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

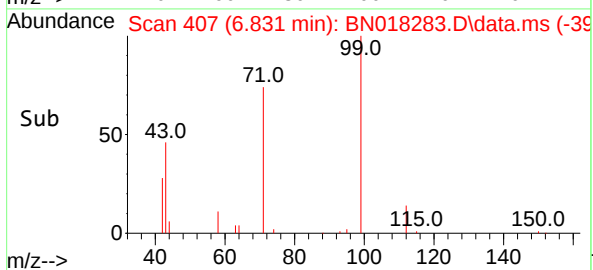
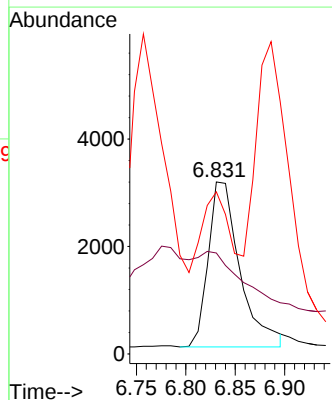
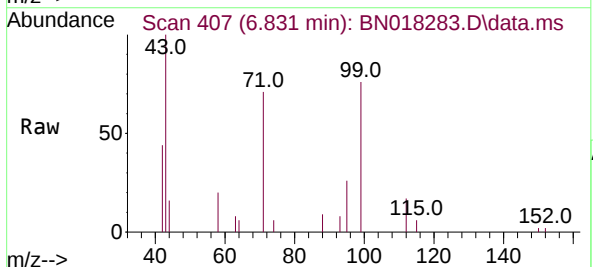
Instrument :
BNA_N
ClientSampleId :

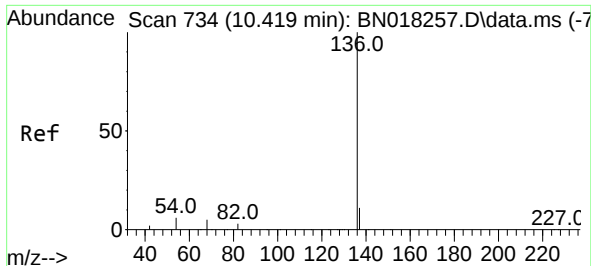
Tgt Ion:112 Resp: 10389
Ion Ratio Lower Upper
112 100
64 58.8 48.0 72.0
63 38.4 25.3 37.9#



#5
Phenol-d6
Concen: 0.128 ng
RT: 6.831 min Scan# 407
Delta R.T. -0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

Tgt Ion: 99 Resp: 6871
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 40.6 26.8 40.2#



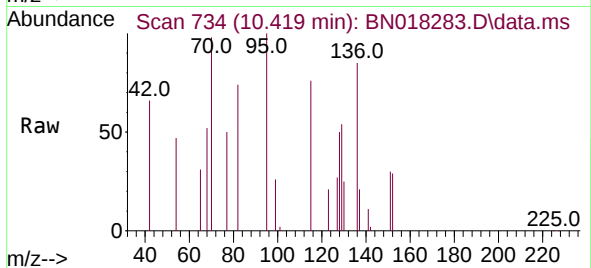


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

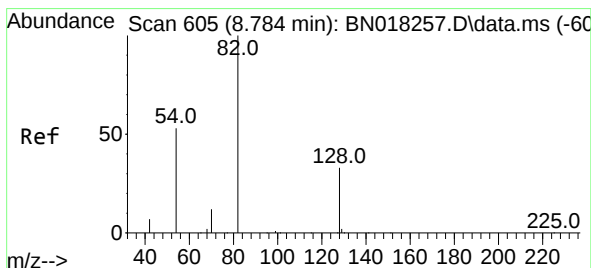
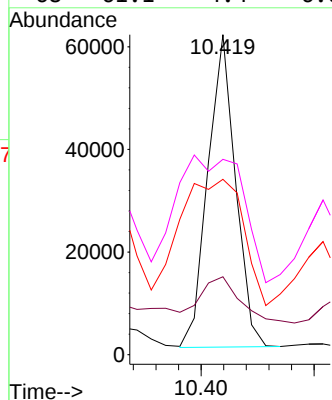
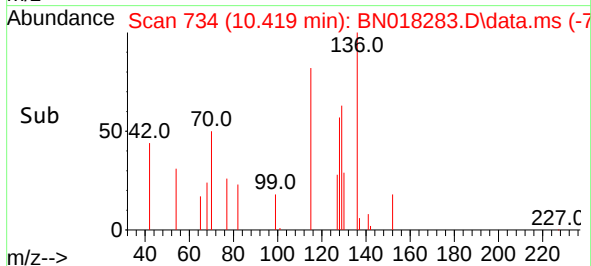
Instrument :

BNA_N

ClientSampleId :

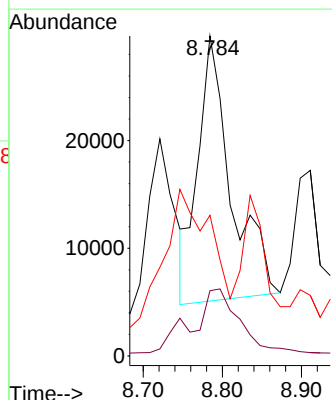
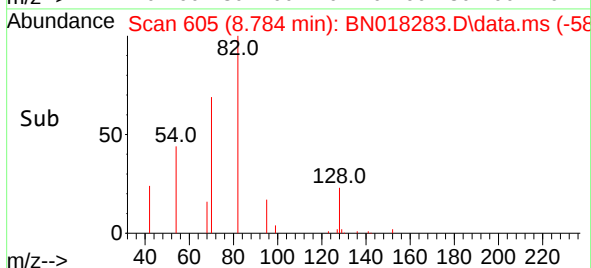
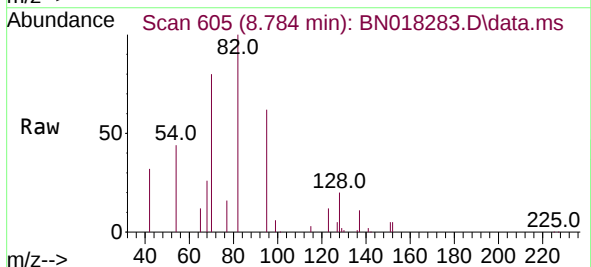


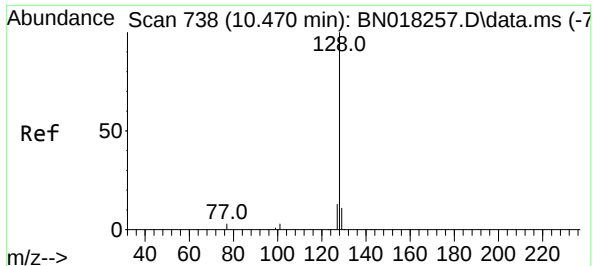
Tgt Ion:136 Resp: 103510
Ion Ratio Lower Upper
136 100
137 24.3 8.8 13.2#
54 54.8 5.0 7.6#
68 61.1 4.4 6.6#



#8
Nitrobenzene-d5
Concen: 1.070 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

Tgt Ion: 82 Resp: 71659
Ion Ratio Lower Upper
82 100
128 20.4 33.7 50.5#
54 44.0 36.6 55.0

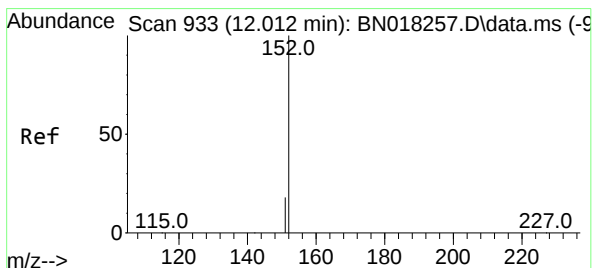
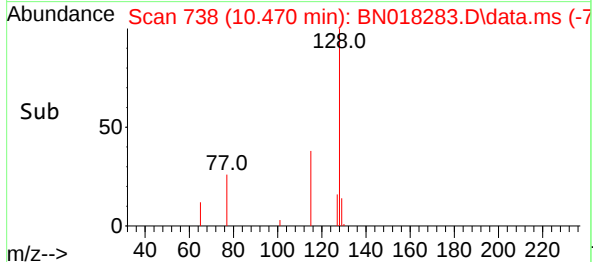
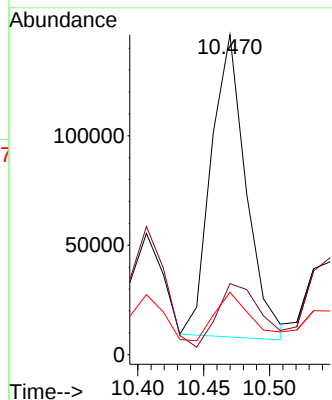
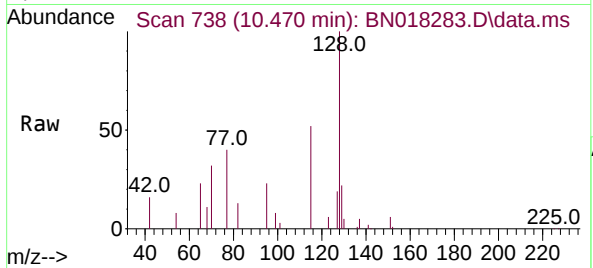




#9
Naphthalene
Concen: 0.992 ng
RT: 10.470 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

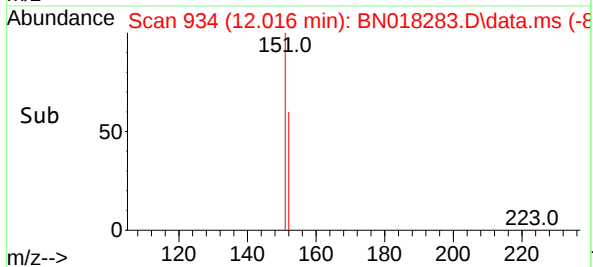
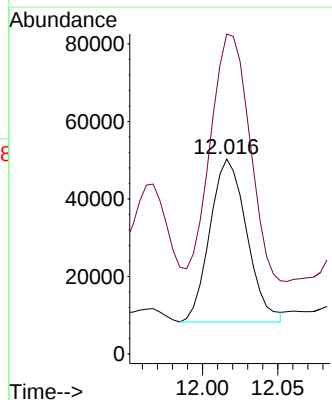
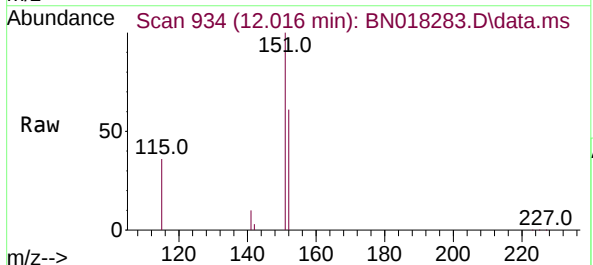
Instrument :
BNA_N
ClientSampleId :

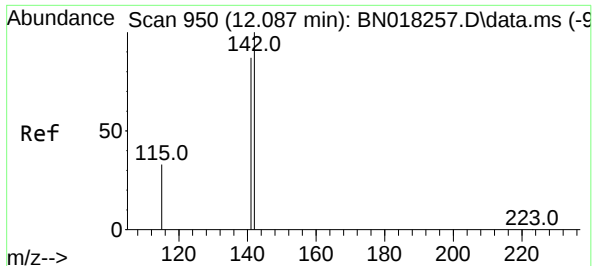
Tgt Ion:128 Resp: 253910
Ion Ratio Lower Upper
128 100
129 22.2 8.7 13.1#
127 19.5 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.016 min Scan# 934
Delta R.T. 0.004 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

Tgt Ion:152 Resp: 71593
Ion Ratio Lower Upper
152 100
151 160.1 16.2 24.2#





#12

2-Methylnaphthalene

Concen: 0.790 ng

RT: 12.092 min Scan# 91

Delta R.T. 0.004 min

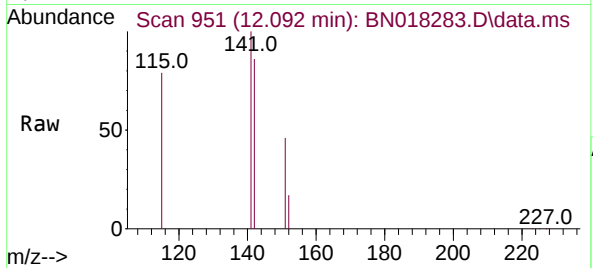
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Acq: 30 Dec 2021 05:38

Instrument :

BNA_N

ClientSampleId :



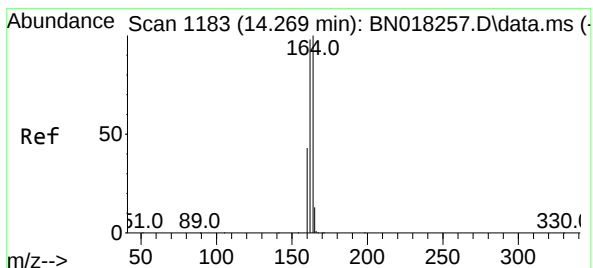
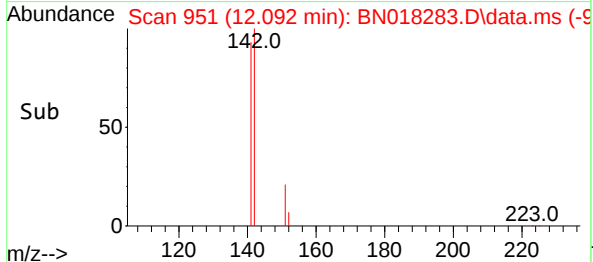
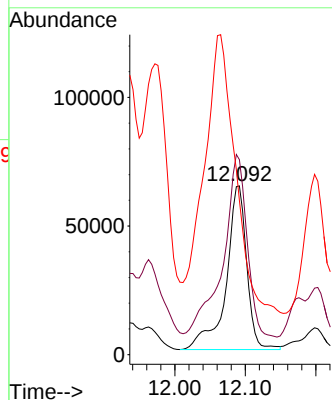
Tgt Ion:142 Resp: 129623

Ion Ratio Lower Upper

142 100

141 115.6 70.0 105.0#

115 91.4 27.8 41.8#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.281 min Scan# 1184

Delta R.T. 0.012 min

Lab File: BN018283.D

Acq: 30 Dec 2021 05:38

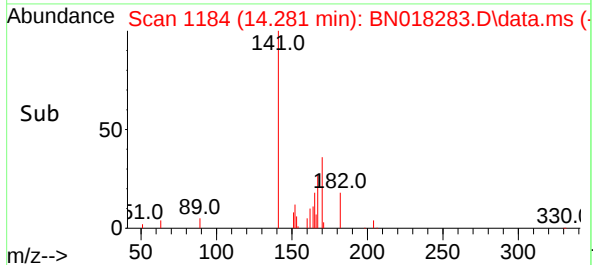
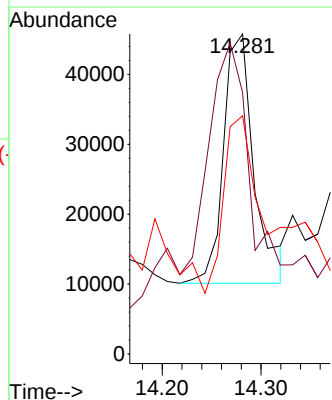
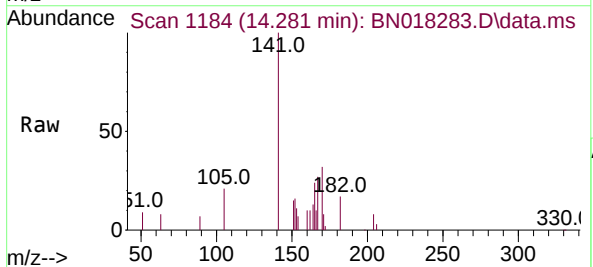
Tgt Ion:164 Resp: 76839

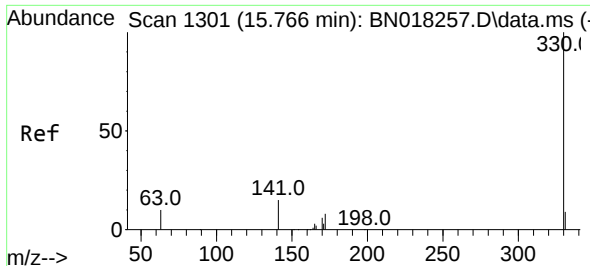
Ion Ratio Lower Upper

164 100

162 81.7 80.2 120.2

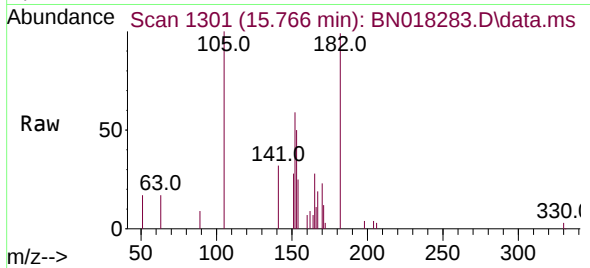
160 74.5 36.9 55.3#



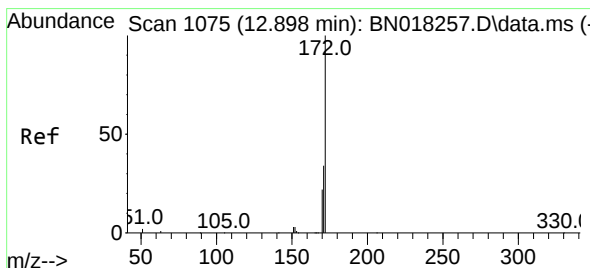
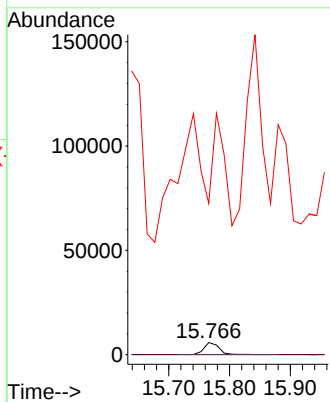
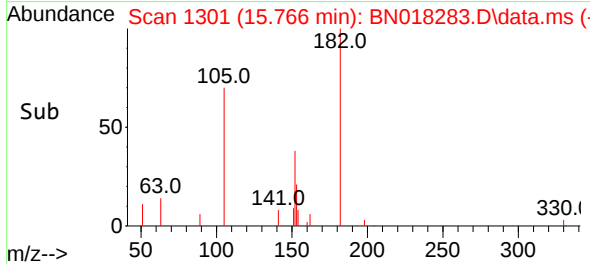


#14
2,4,6-Tribromophenol
Concen: 0.545 ng
RT: 15.766 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

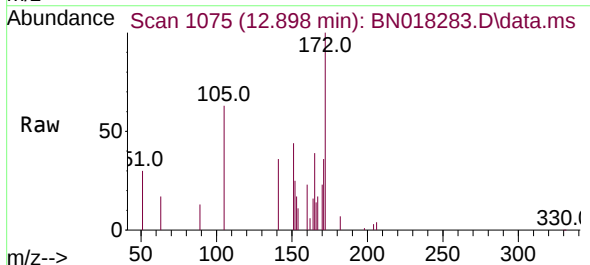
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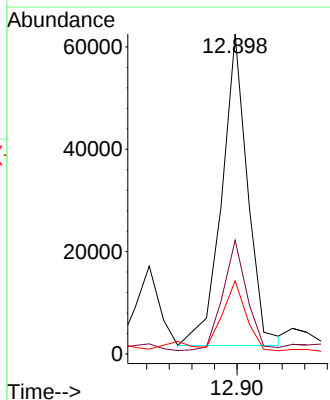
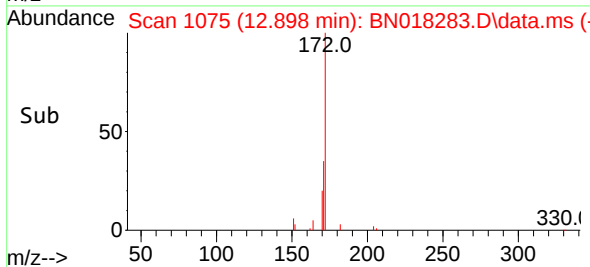
Tgt Ion:330 Resp: 9874
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 678.3 21.3 31.9#

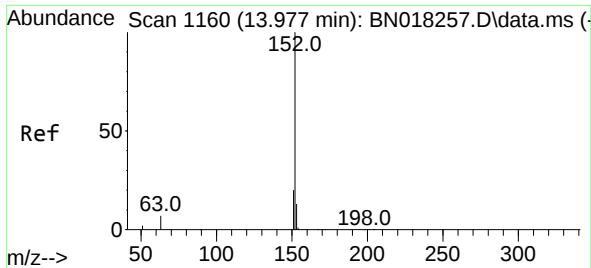


#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38



Tgt Ion:172 Resp: 96647
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.0
170 22.9 18.4 27.6

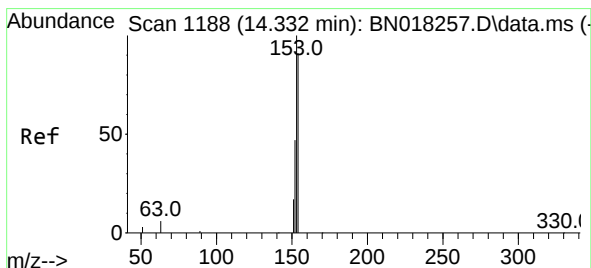
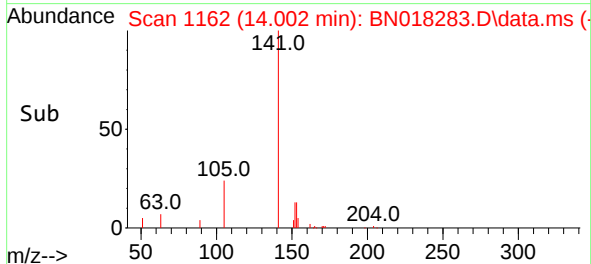
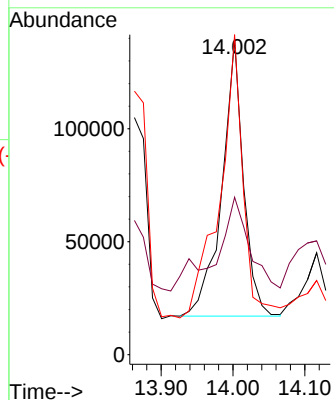
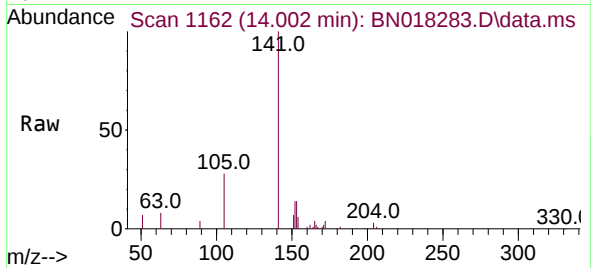




#16
Acenaphthylene
Concen: 0.949 ng
RT: 14.002 min Scan# 1160
Delta R.T. 0.025 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

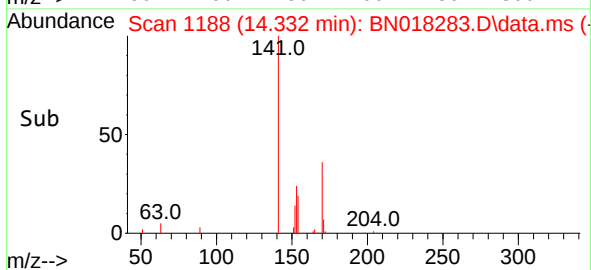
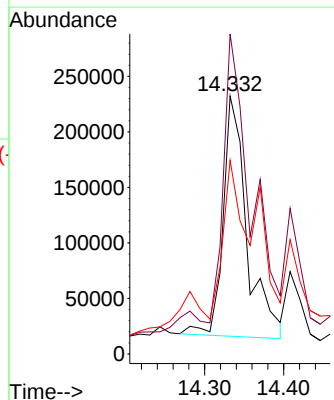
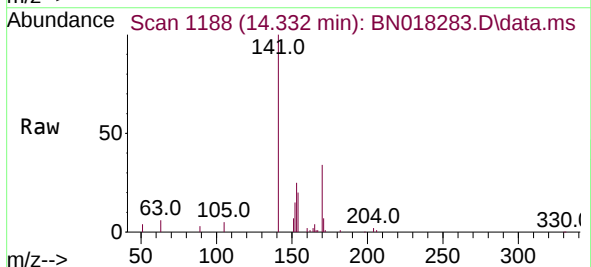
Instrument :
BNA_N
ClientSampleId :

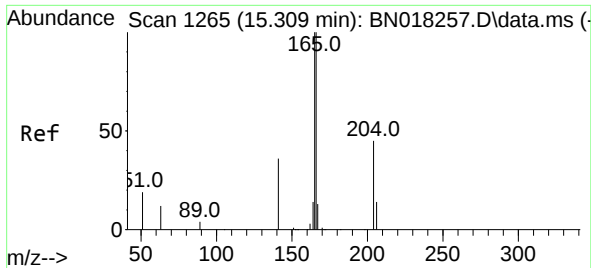
Tgt Ion:152 Resp: 256360
Ion Ratio Lower Upper
152 100
151 40.0 15.8 23.6#
153 110.8 10.5 15.7#



#17
Acenaphthene
Concen: 2.274 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

Tgt Ion:154 Resp: 451200
Ion Ratio Lower Upper
154 100
153 133.0 90.9 136.3
152 86.1 45.0 67.4#

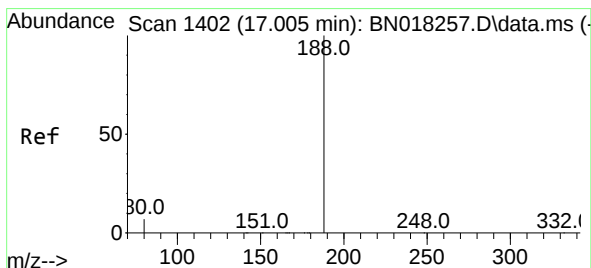
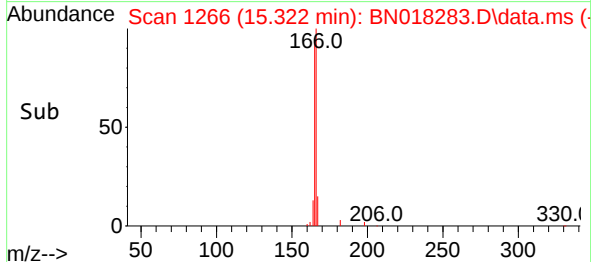
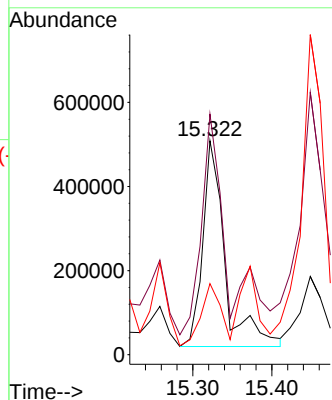
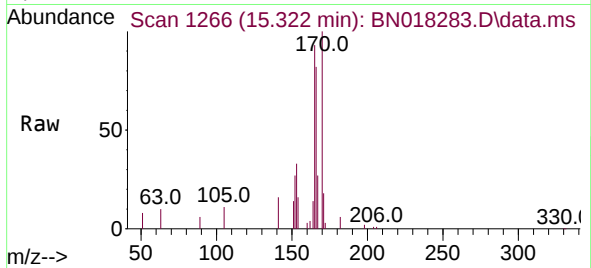




#18
Fluorene
Concen: 4.066 ng
RT: 15.322 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

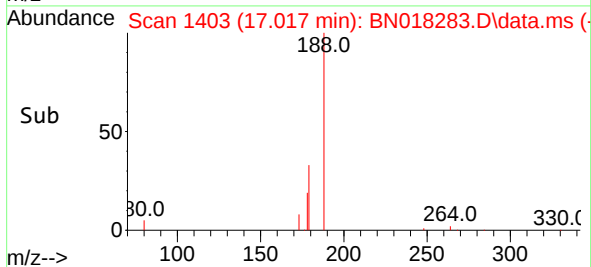
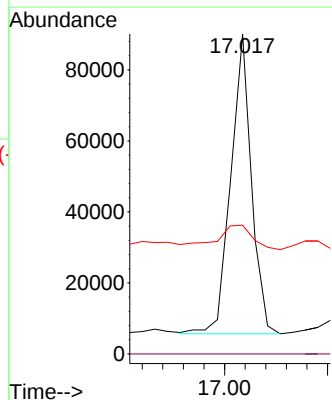
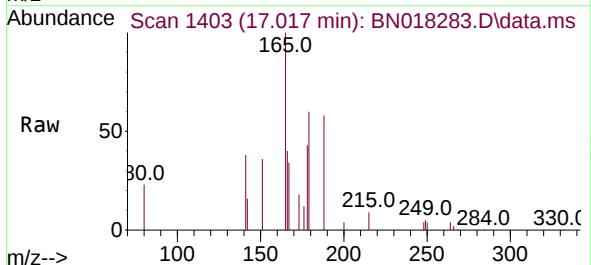
Instrument :
BNA_N
ClientSampleId :

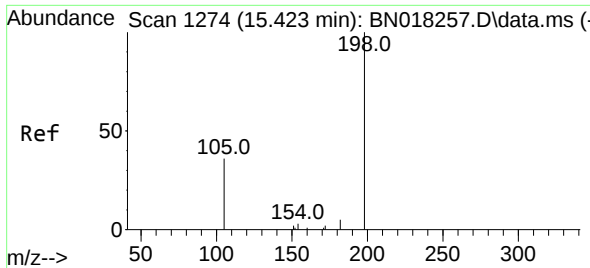
Tgt Ion:166 Resp: 950328
Ion Ratio Lower Upper
166 100
165 101.7 77.8 116.6
167 27.1 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

Tgt Ion:188 Resp: 117868
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 40.2 7.0 10.4#

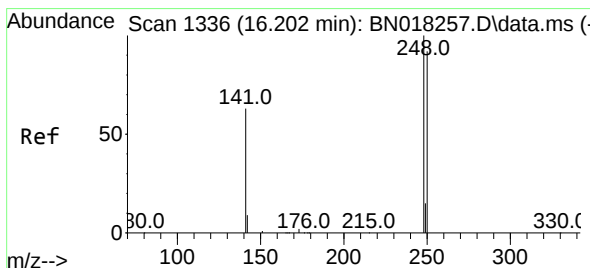
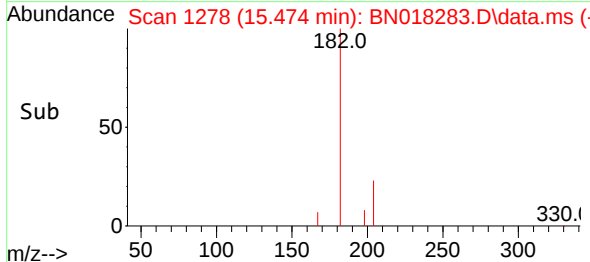
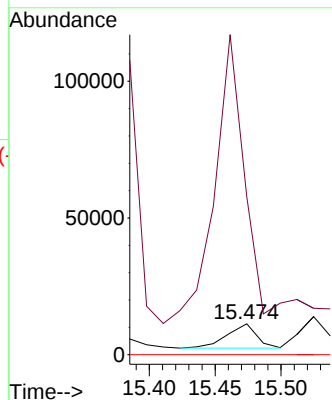
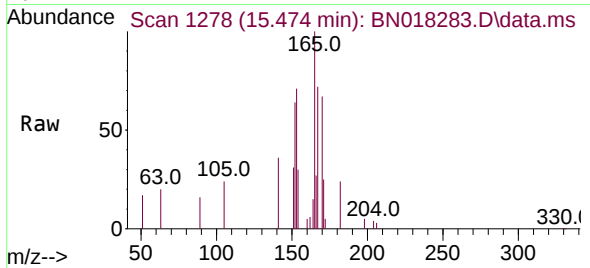




#20
4,6-Dinitro-2-methylphenol
Concen: 3.442 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.051 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

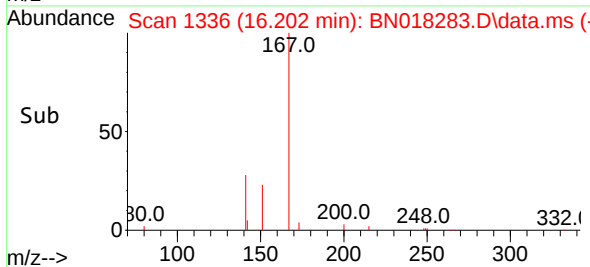
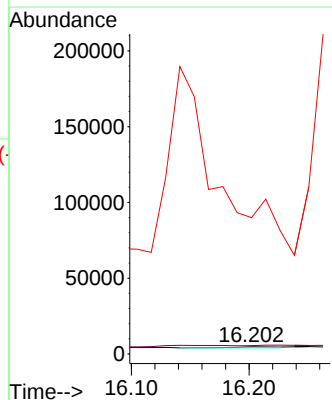
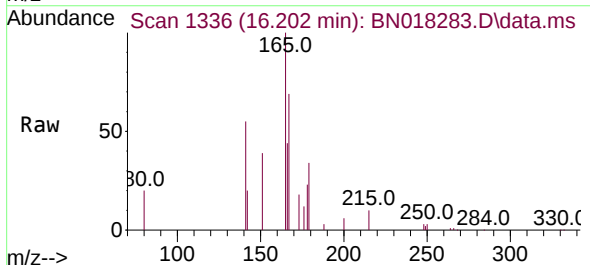
Instrument :
BNA_N
ClientSampleId :

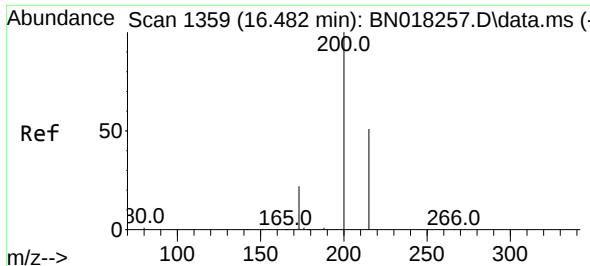
Tgt Ion:198 Resp: 14205
Ion Ratio Lower Upper
198 100
182 510.6 15.5 23.3#
77 0.0 0.0 0.0



#21
4-Bromophenyl-phenylether
Concen: 0.027 ng
RT: 16.202 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

Tgt Ion:248 Resp: 1935
Ion Ratio Lower Upper
248 100
250 114.4 74.4 111.6#
141 1885.8 43.7 65.5#

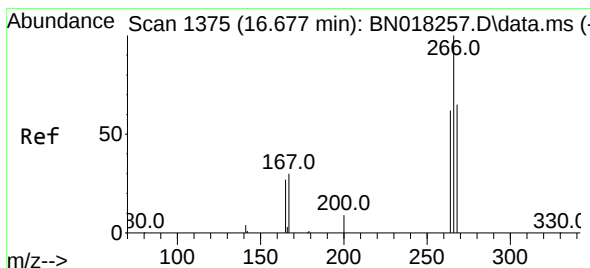
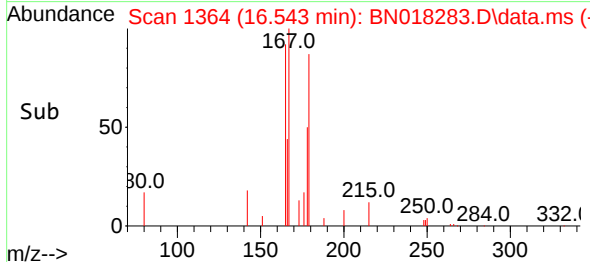
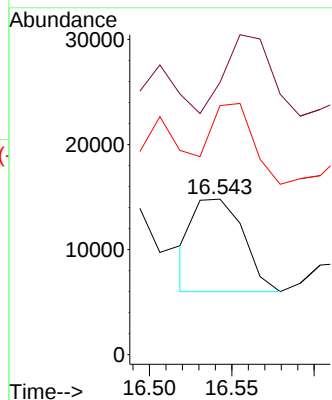
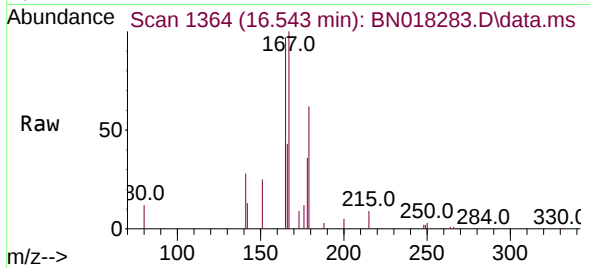




#23
 Atrazine
 Concen: 0.447 ng
 RT: 16.543 min Scan# 1364
 Delta R.T. 0.061 min
 Lab File: BN018283.D
 Acq: 30 Dec 2021 05:38

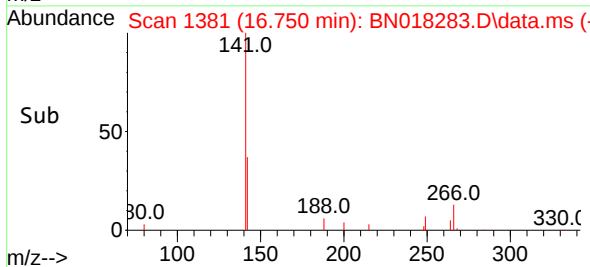
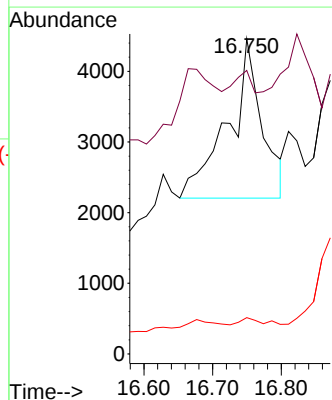
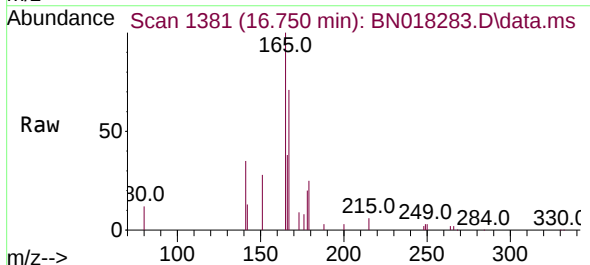
Instrument :
 BNA_N
 ClientSampleId :

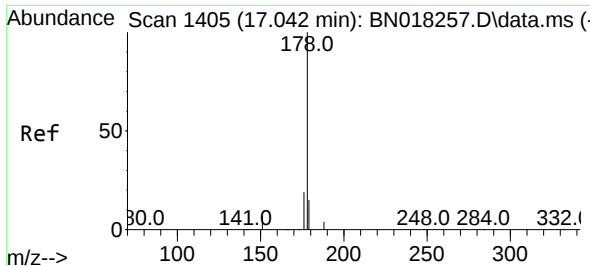
Tgt Ion:200 Resp: 18573
 Ion Ratio Lower Upper
 200 100
 173 175.0 20.3 30.5#
 215 160.2 40.4 60.6#



#24
 Pentachlorophenol
 Concen: 0.796 ng
 RT: 16.750 min Scan# 1381
 Delta R.T. 0.073 min
 Lab File: BN018283.D
 Acq: 30 Dec 2021 05:38

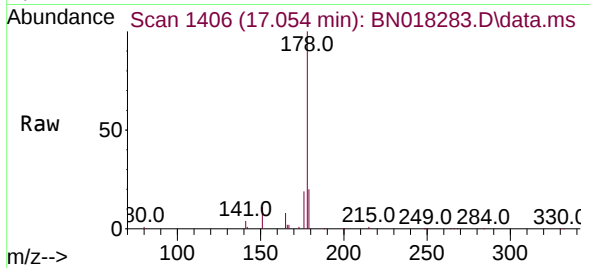
Tgt Ion:266 Resp: 7761
 Ion Ratio Lower Upper
 266 100
 264 8.1 49.5 74.3#
 268 3.1 50.6 76.0#



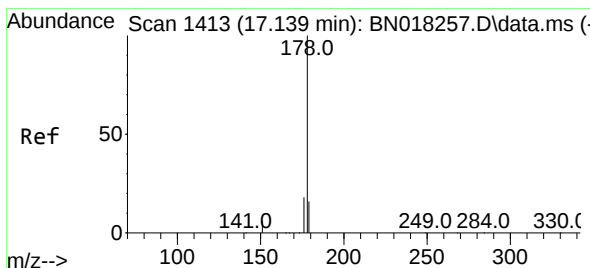
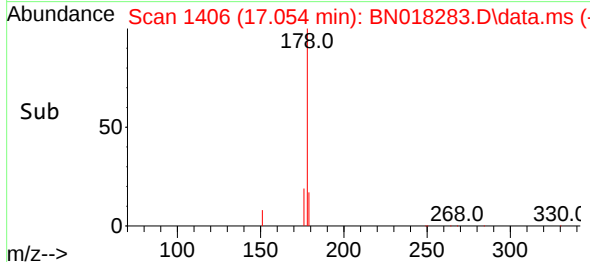
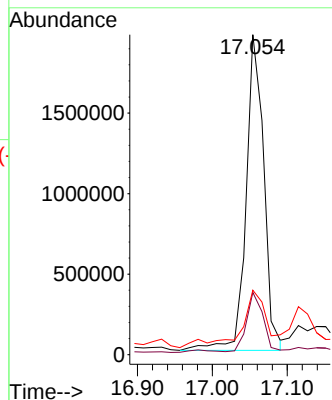


#25
Phenanthrene
Concen: 10.389 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.012 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

Instrument :
BNA_N
ClientSampleId :

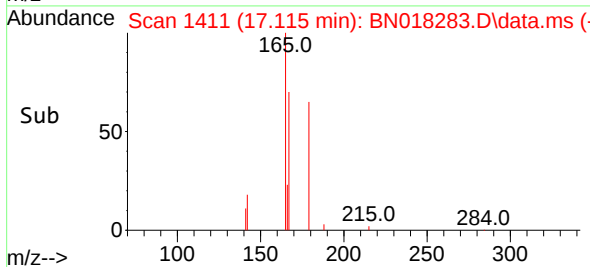
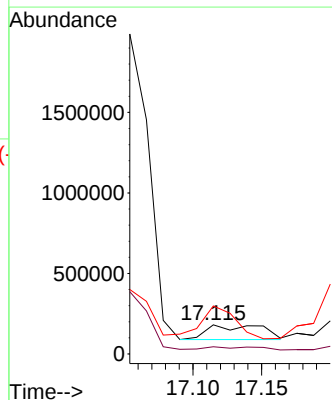
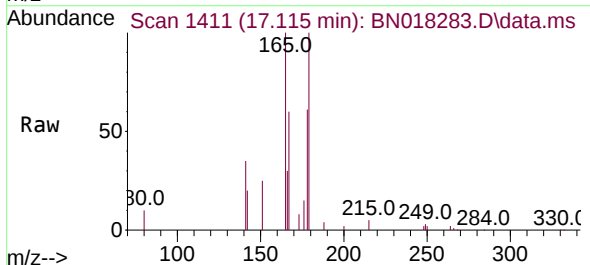


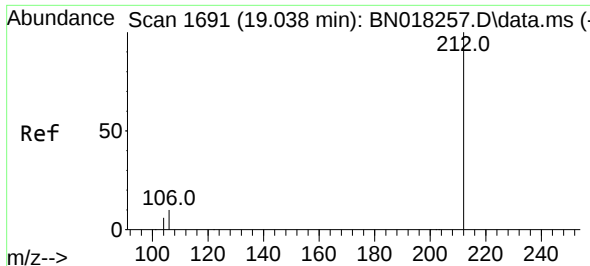
Tgt Ion:178 Resp: 3228093
Ion Ratio Lower Upper
178 100
176 17.3 15.3 22.9
179 18.8 12.3 18.5#



#26
Anthracene
Concen: 0.909 ng
RT: 17.115 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

Tgt Ion:178 Resp: 249045
Ion Ratio Lower Upper
178 100
176 17.9 14.8 22.2
179 136.5 12.2 18.4#

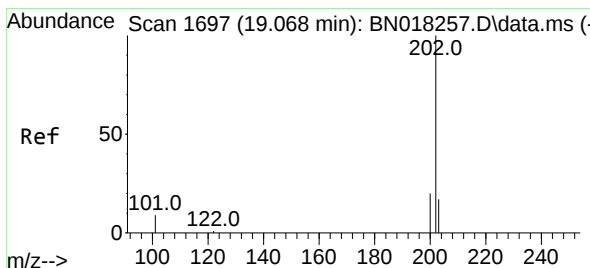
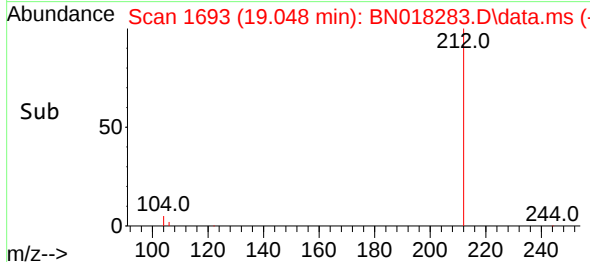
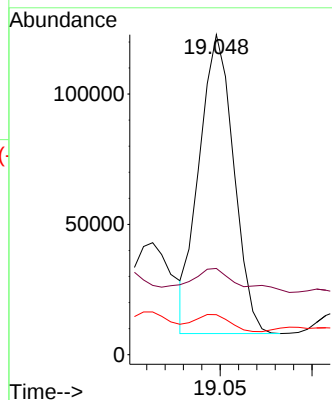
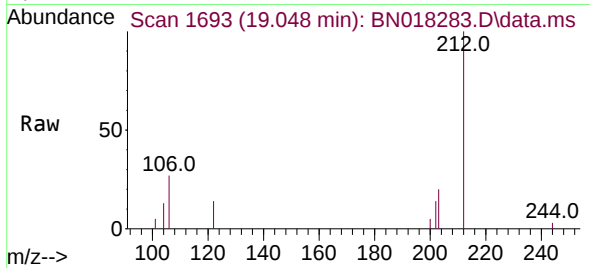




#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.048 min Scan# 1691
Delta R.T. 0.010 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

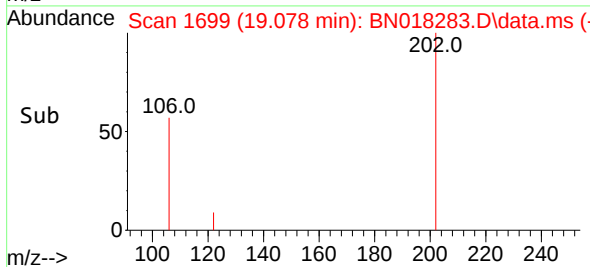
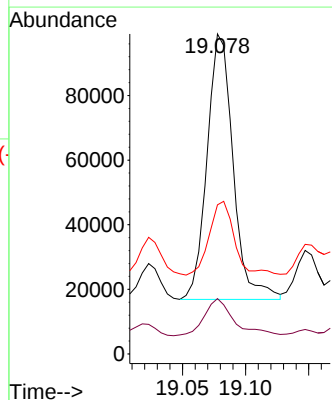
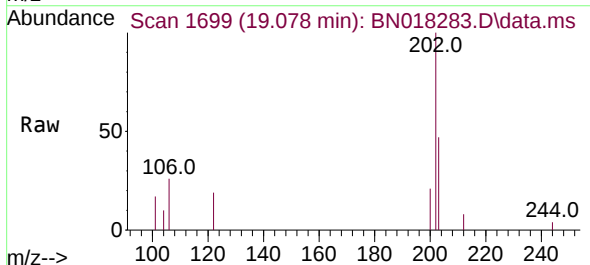
Instrument :
BNA_N
ClientSampleId :

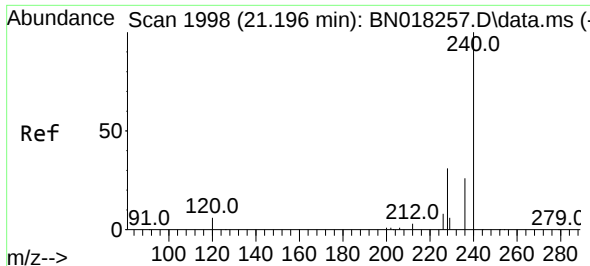
Tgt Ion:212 Resp: 150062
Ion Ratio Lower Upper
212 100
106 18.3 8.4 12.6#
104 5.8 4.5 6.7



#28
Fluoranthene
Concen: 0.325 ng
RT: 19.078 min Scan# 1699
Delta R.T. 0.010 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

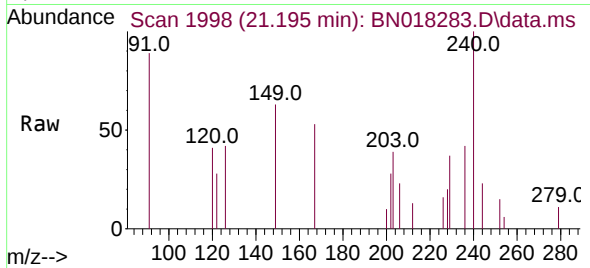
Tgt Ion:202 Resp: 118302
Ion Ratio Lower Upper
202 100
101 15.8 7.2 10.8#
203 26.5 13.7 20.5#



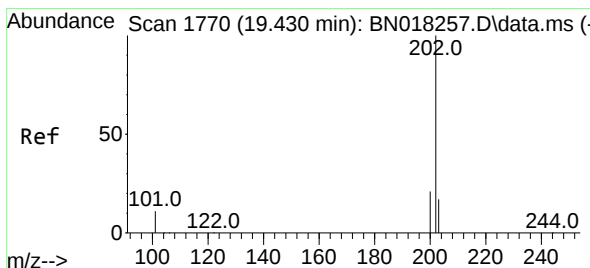
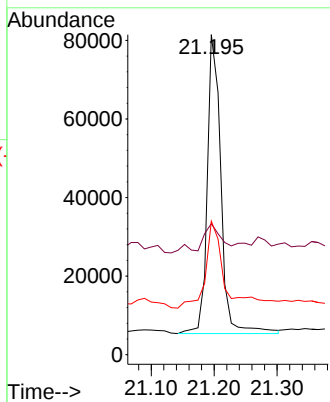
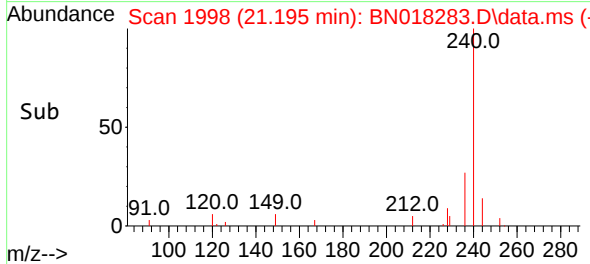


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

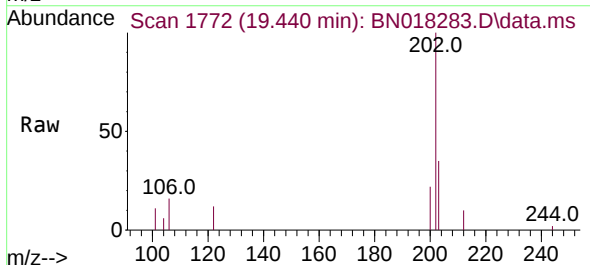
Instrument :
BNA_N
ClientSampleId :



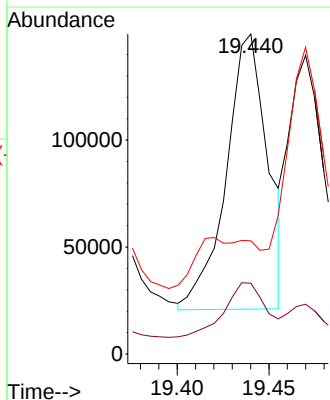
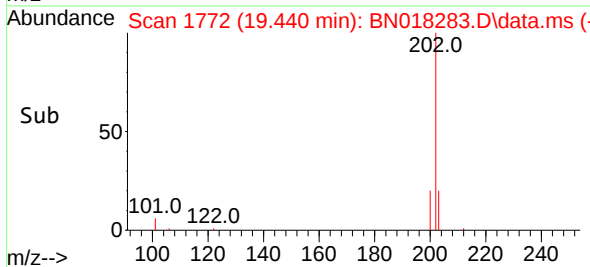
Tgt Ion:240 Resp: 113652
Ion Ratio Lower Upper
240 100
120 40.9 6.0 9.0#
236 41.7 21.4 32.2#

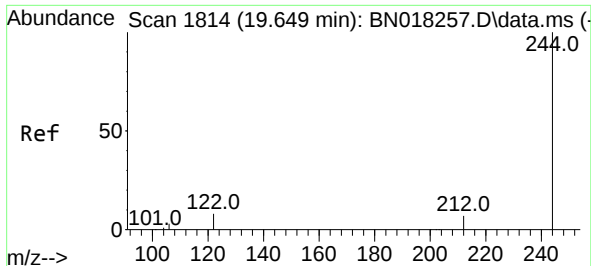


#30
Pyrene
Concen: 0.452 ng
RT: 19.440 min Scan# 1772
Delta R.T. 0.010 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38



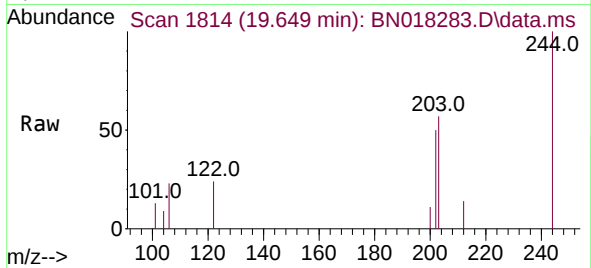
Tgt Ion:202 Resp: 201615
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 19.4 14.1 21.1



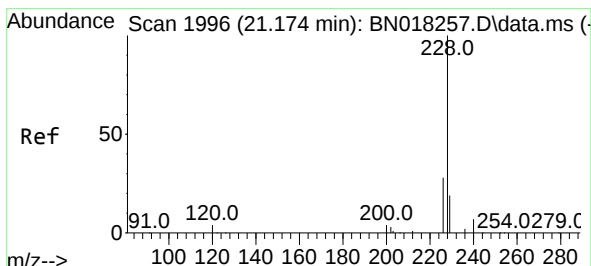
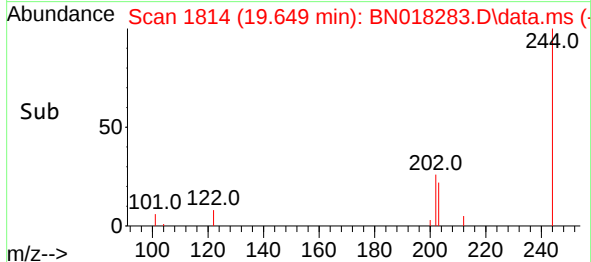
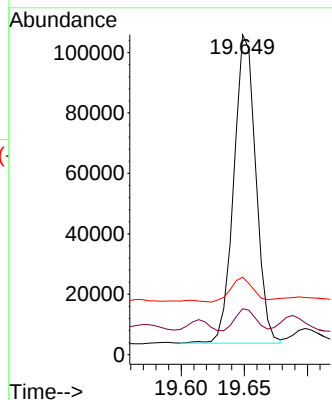


#31
 Terphenyl-d14
 Concen: 0.430 ng
 RT: 19.649 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN018283.D
 Acq: 30 Dec 2021 05:38

Instrument :
 BNA_N
 ClientSampleId :

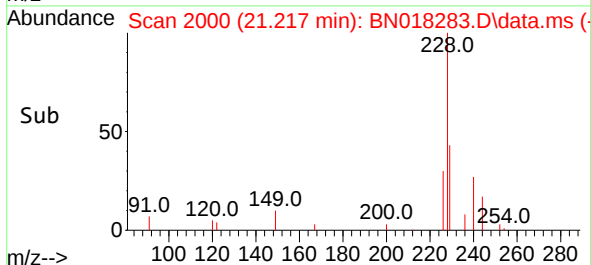
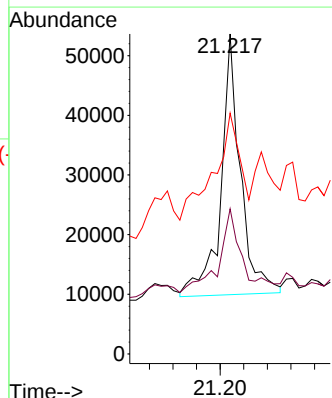
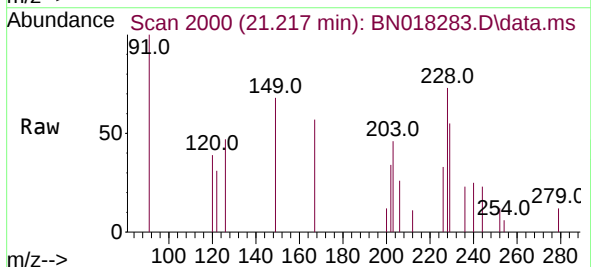


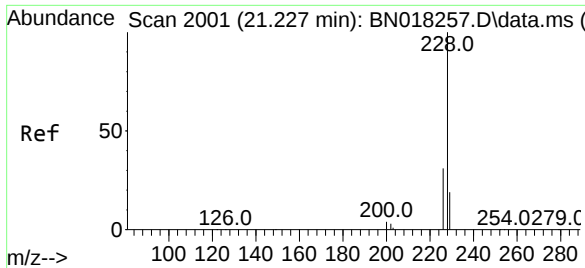
Tgt Ion:244 Resp: 124190
 Ion Ratio Lower Upper
 244 100
 212 14.4 6.2 9.2#
 122 24.2 7.9 11.9#



#32
 Benzo(a)anthracene
 Concen: 0.330 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. 0.043 min
 Lab File: BN018283.D
 Acq: 30 Dec 2021 05:38

Tgt Ion:228 Resp: 100452
 Ion Ratio Lower Upper
 228 100
 226 45.4 21.3 31.9#
 229 75.3 15.9 23.9#





#33

Chrysene

Concen: 0.233 ng

RT: 21.217 min Scan# 2000

Delta R.T. -0.011 min

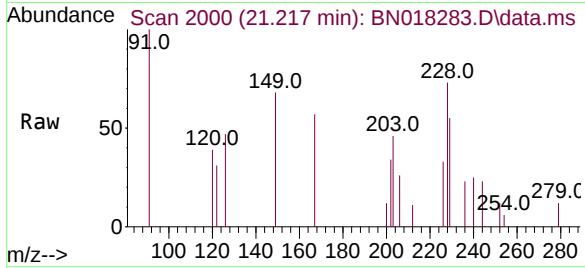
Lab File: BN018283.D

Acq: 30 Dec 2021 05:38

Instrument :

BNA_N

ClientSampleId :



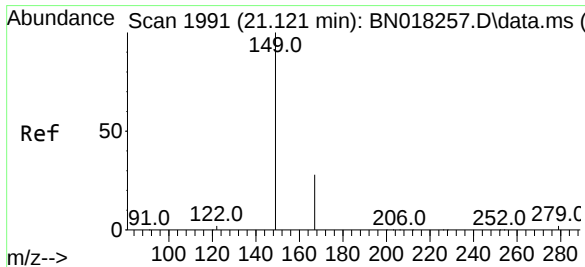
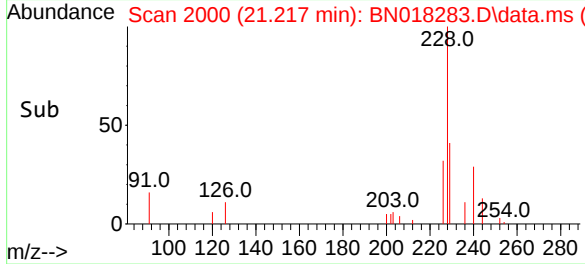
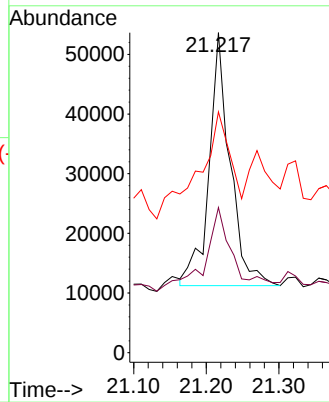
Tgt Ion:228 Resp: 85239

Ion Ratio Lower Upper

228 100

226 45.4 24.2 36.4#

229 75.3 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 14.305 ng

RT: 21.132 min Scan# 1992

Delta R.T. 0.011 min

Lab File: BN018283.D

Acq: 30 Dec 2021 05:38

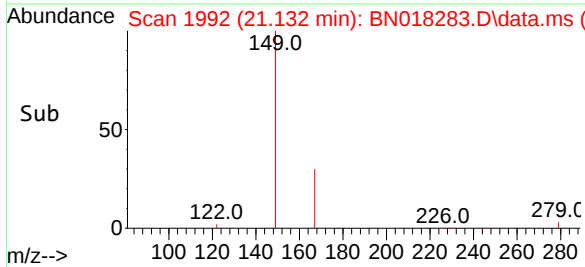
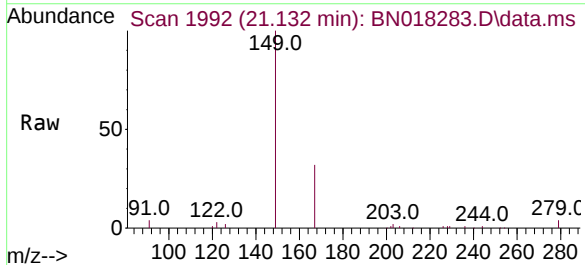
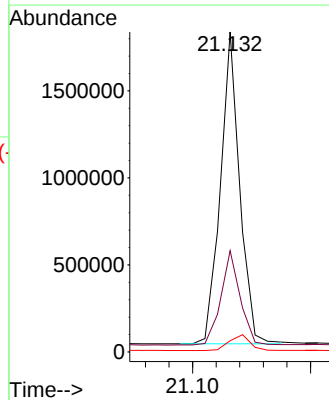
Tgt Ion:149 Resp: 2029381

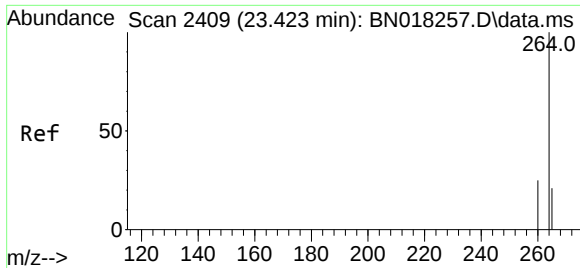
Ion Ratio Lower Upper

149 100

167 30.2 23.7 35.5

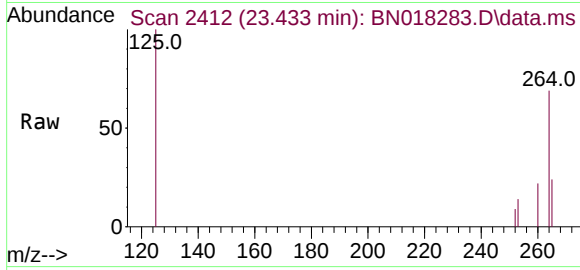
279 5.4 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.433 min Scan# 24
 Delta R.T. 0.010 min
 Lab File: BN018283.D
 Acq: 30 Dec 2021 05:38

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 106414
 Ion Ratio Lower Upper
 264 100
 260 31.5 20.2 30.4#
 265 34.7 18.2 27.2#

