

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018285.D
 Acq On : 30 Dec 2021 06:50
 Operator : CG/JU
 Sample : M5212-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 30 08:59:38 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)

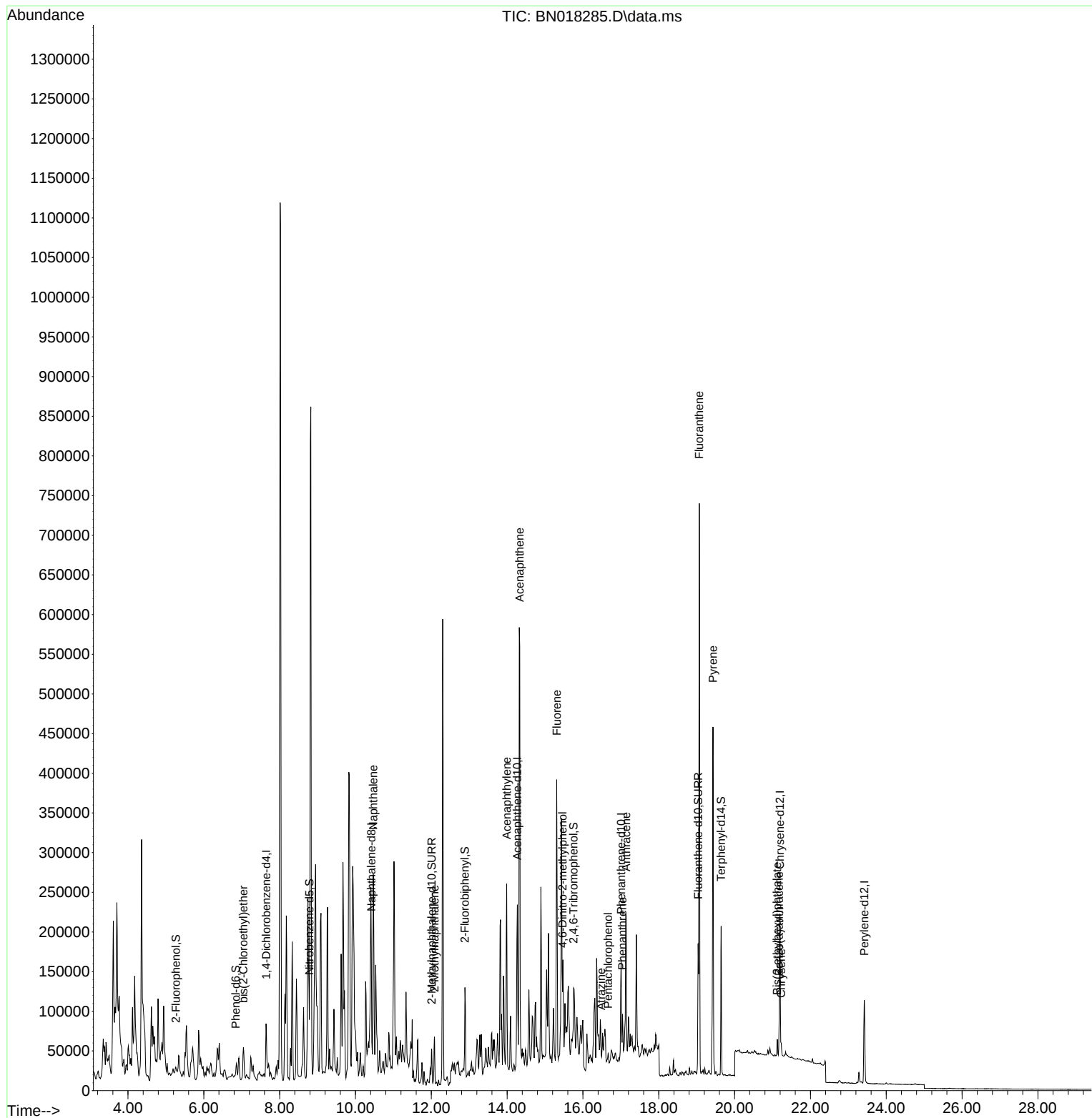
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	32274	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	129215	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	105280	0.400	ng	# 0.00
19) Phenanthrene-d10	17.005	188	168633	0.400	ng	0.00
29) Chrysene-d12	21.195	240	163838	0.400	ng	0.00
35) Perylene-d12	23.419	264	142565	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	11823	0.183	ng	0.02
5) Phenol-d6	6.840	99	4568	0.073	ng	0.00
8) Nitrobenzene-d5	8.784	82	32984	0.481	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	61141	0.281	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	18122	0.627	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	103328	0.259	ng	-0.01
27) Fluoranthene-d10	19.038	212	179134	0.334	ng	0.00
31) Terphenyl-d14	19.644	244	178409	0.429	ng	0.00
Target Compounds						
						Qvalue
6) bis(2-Chloroethyl)ether	7.043	93	3087	0.040	ng	# 1
9) Naphthalene	10.470	128	110269	0.345	ng	# 27
12) 2-Methylnaphthalene	12.083	142	43603	0.213	ng	# 89
16) Acenaphthylene	13.989	152	39868	0.108	ng	# 25
17) Acenaphthene	14.332	154	323384	1.189	ng	98
18) Fluorene	15.309	166	132268	0.413	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.461	198	2701	0.883	ng	# 1
23) Atrazine	16.482	200	1428	0.152	ng	# 1
24) Pentachlorophenol	16.664	266	371	0.201	ng	# 77
25) Phenanthrene	17.042	178	56115	0.126	ng	# 86
26) Anthracene	17.139	178	226667	0.594	ng	# 93
28) Fluoranthene	19.068	202	636434	1.222	ng	99
30) Pyrene	19.430	202	408424	0.636	ng	# 93
32) Benzo(a)anthracene	21.174	228	31578	0.116	ng	# 85
33) Chrysene	21.227	228	14675	0.028	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.121	149	22075	0.108	ng	# 99

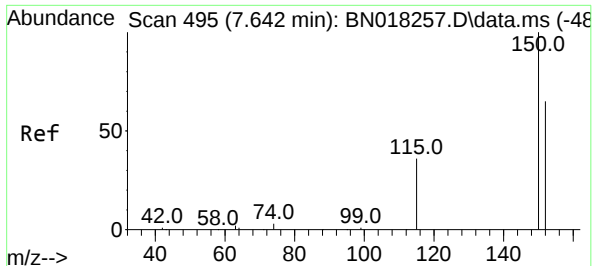
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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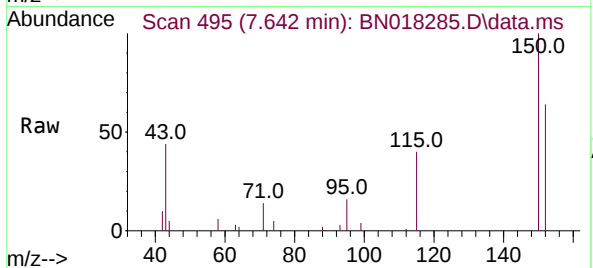
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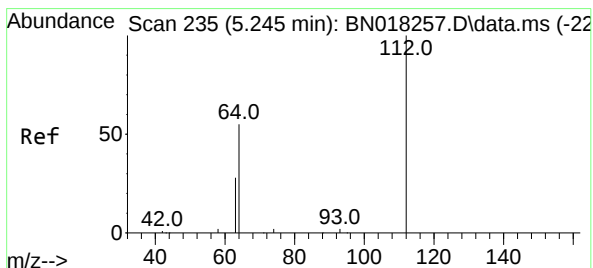
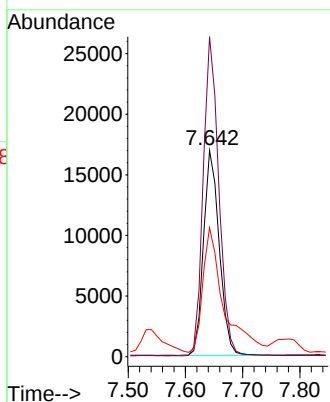
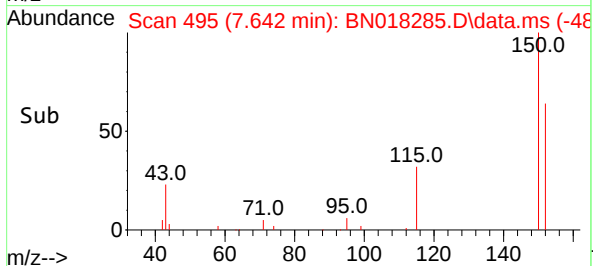


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN018285.D
 Acq: 30 Dec 2021 06:50

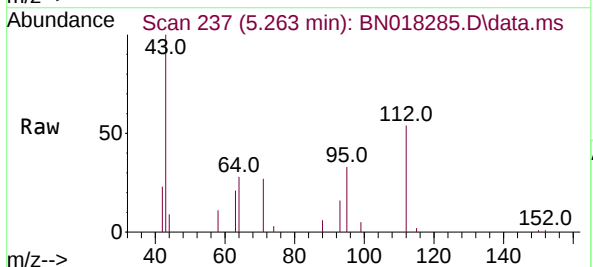
Instrument :
 BNA_N
 ClientSampleId :



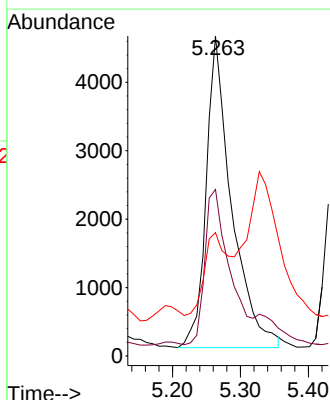
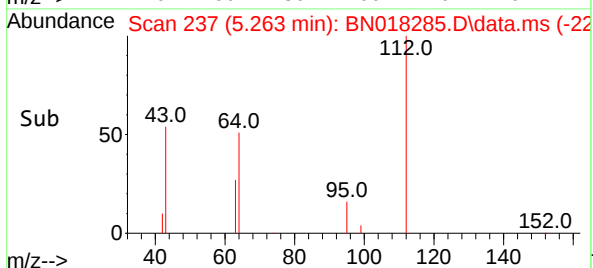
Tgt Ion:152 Resp: 32274
 Ion Ratio Lower Upper
 152 100
 150 155.1 121.7 182.5
 115 62.5 43.8 65.8

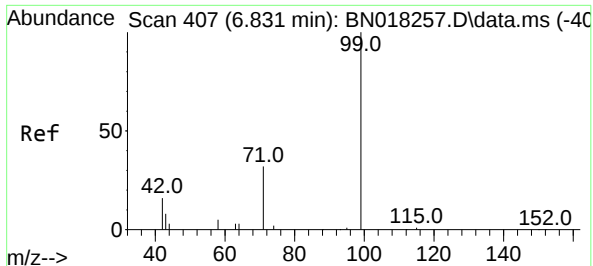


#4
 2-Fluorophenol
 Concen: 0.183 ng
 RT: 5.263 min Scan# 237
 Delta R.T. 0.018 min
 Lab File: BN018285.D
 Acq: 30 Dec 2021 06:50



Tgt Ion:112 Resp: 11823
 Ion Ratio Lower Upper
 112 100
 64 49.3 48.0 72.0
 63 26.6 25.3 37.9

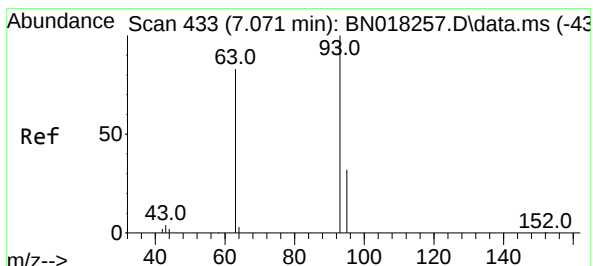
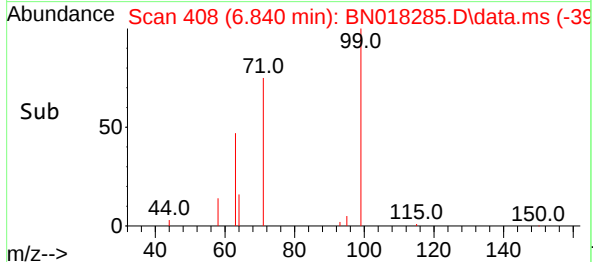
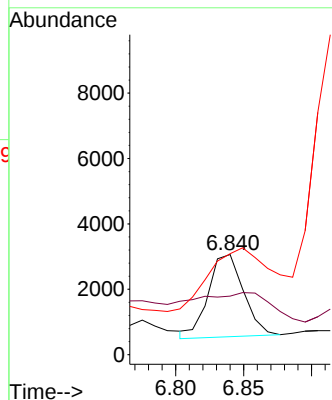
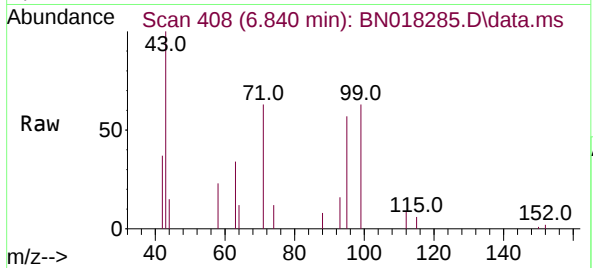




#5
Phenol-d6
Concen: 0.073 ng
RT: 6.840 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

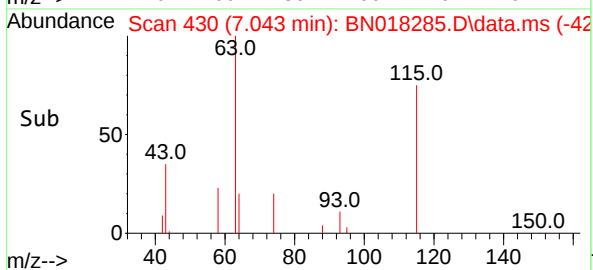
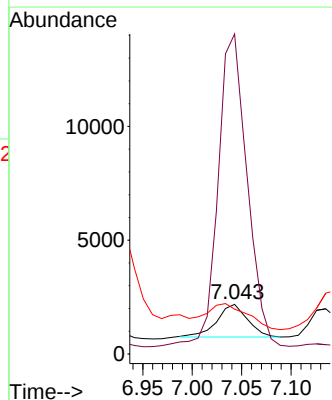
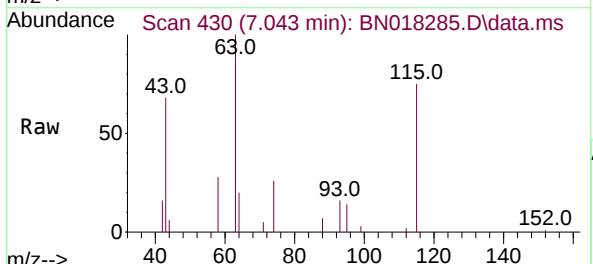
Instrument :
BNA_N
ClientSampleId :

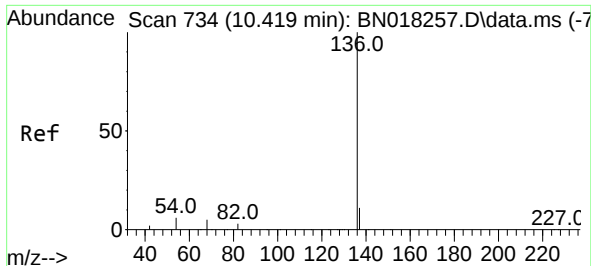
Tgt Ion: 99 Resp: 4568
Ion Ratio Lower Upper
99 100
42 78.5 16.3 24.5#
71 144.2 26.8 40.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 7.043 min Scan# 430
Delta R.T. -0.028 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion: 93 Resp: 3087
Ion Ratio Lower Upper
93 100
63 901.4 61.7 92.5#
95 107.8 26.2 39.4#



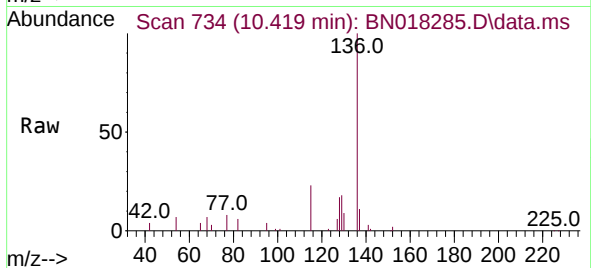


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

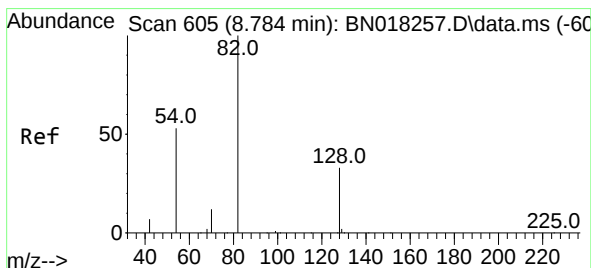
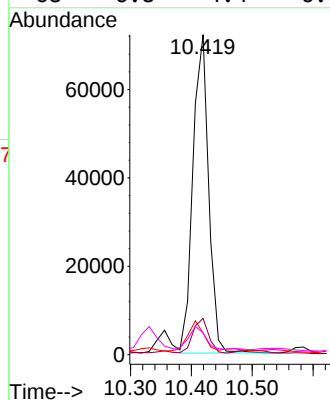
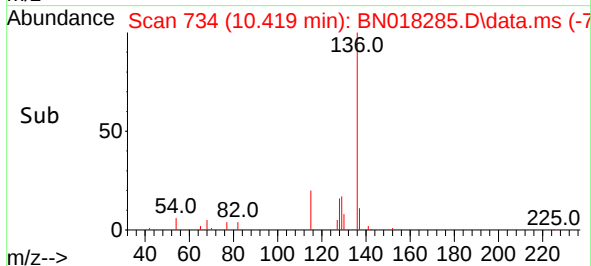
Instrument :

BNA_N

ClientSampleId :

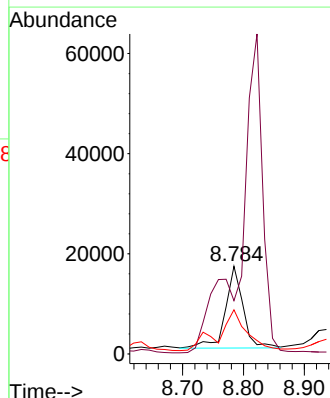
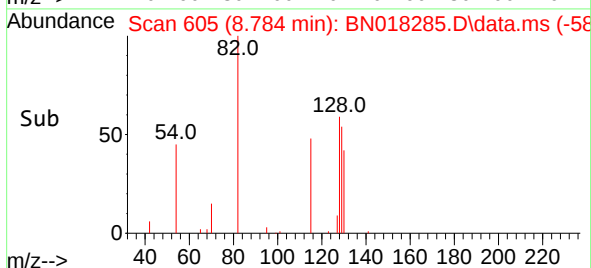
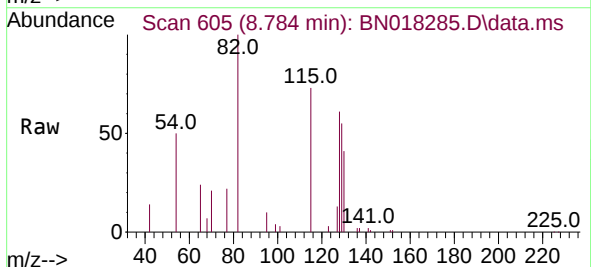


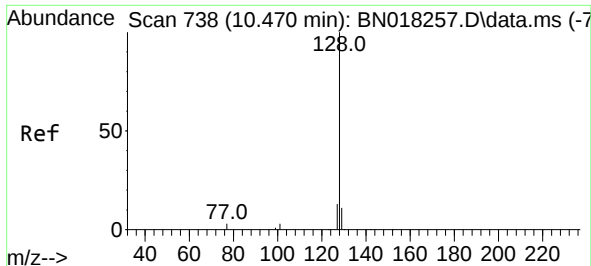
Tgt Ion:136 Resp: 129215
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.8 5.0 7.6
68 6.8 4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.481 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion: 82 Resp: 32984
Ion Ratio Lower Upper
82 100
128 60.9 33.7 50.5#
54 50.4 36.6 55.0



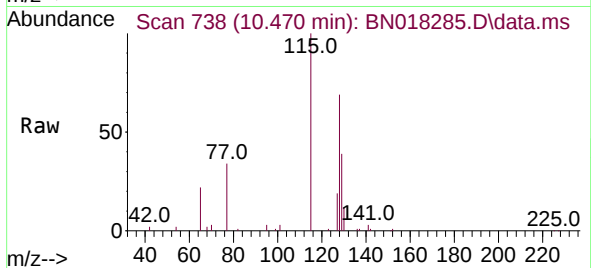


#9
Naphthalene
Concen: 0.345 ng
RT: 10.470 min Scan# 711
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

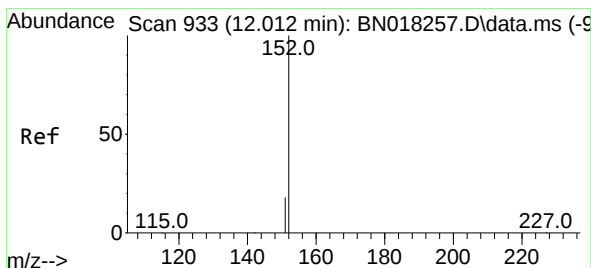
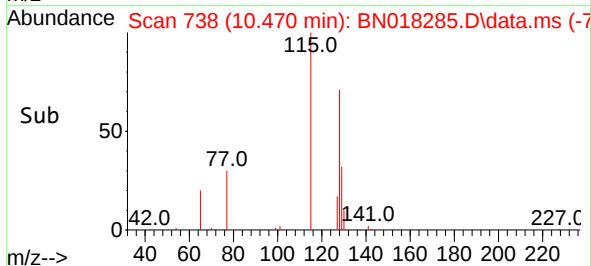
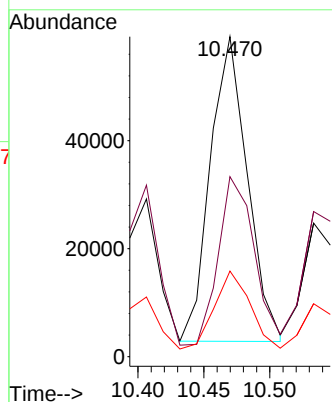
Instrument :

BNA_N

ClientSampleId :

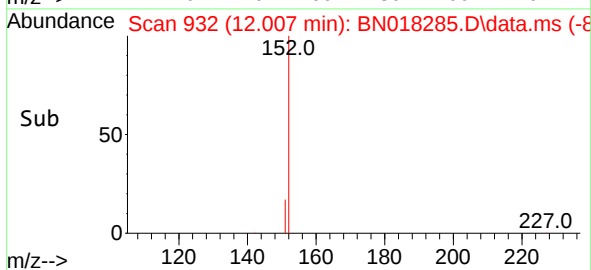
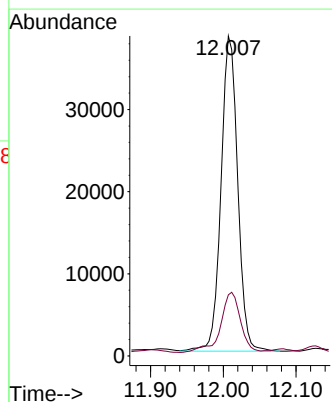
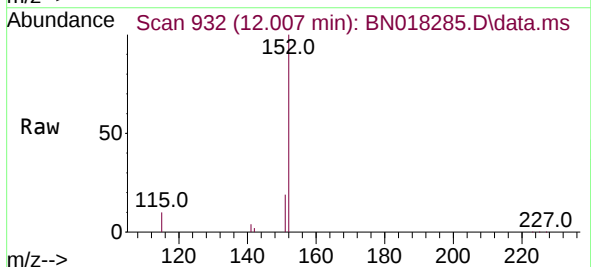


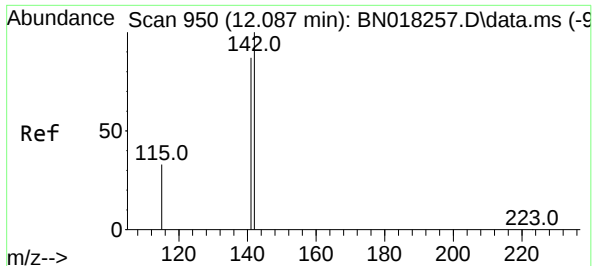
Tgt Ion:128 Resp: 110269
Ion Ratio Lower Upper
128 100
129 56.2 8.7 13.1#
127 26.8 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.005 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:152 Resp: 61141
Ion Ratio Lower Upper
152 100
151 23.2 16.2 24.2





#12

2-Methylnaphthalene

Concen: 0.213 ng

RT: 12.083 min Scan# 949

Delta R.T. -0.005 min

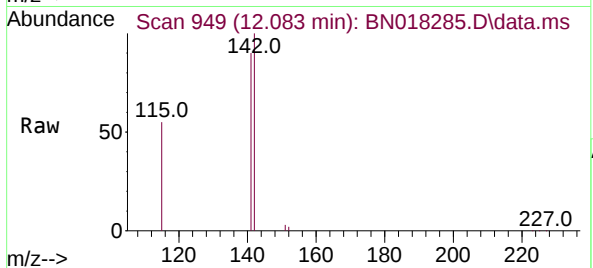
Lab File: BN018285.D

Acq: 30 Dec 2021 06:50

Instrument :

BNA_N

ClientSampleId :



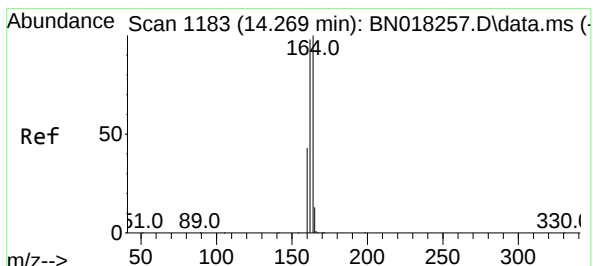
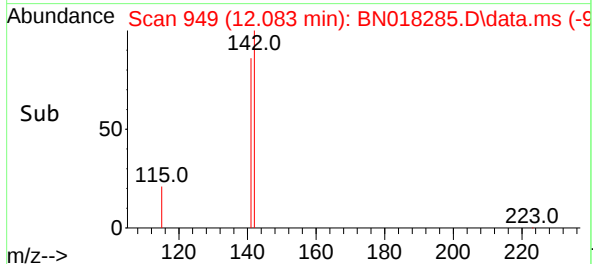
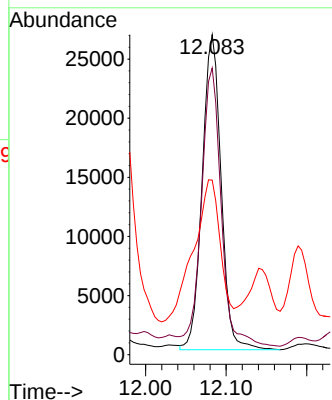
Tgt Ion:142 Resp: 43603

Ion Ratio Lower Upper

142 100

141 89.6 70.0 105.0

115 54.5 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: BN018285.D

Acq: 30 Dec 2021 06:50

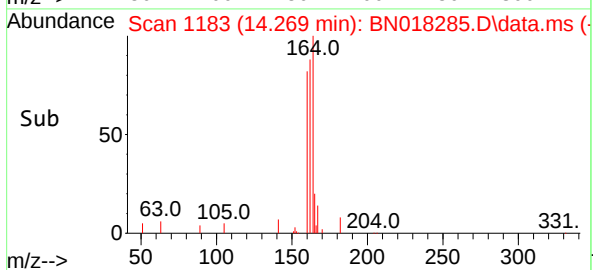
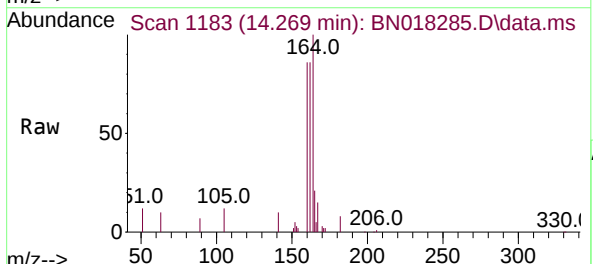
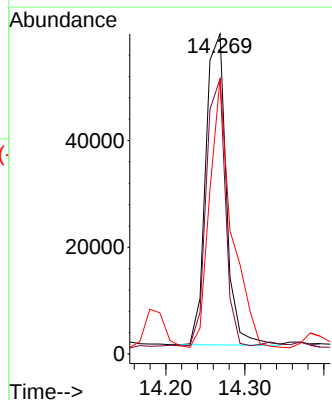
Tgt Ion:164 Resp: 105280

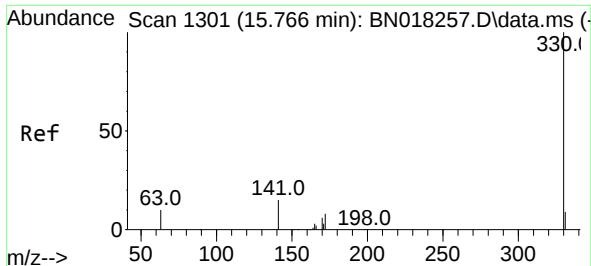
Ion Ratio Lower Upper

164 100

162 86.0 80.2 120.2

160 86.1 36.9 55.3#

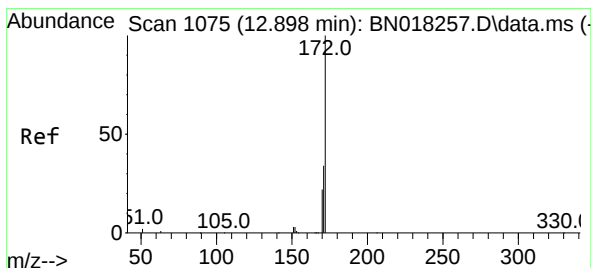
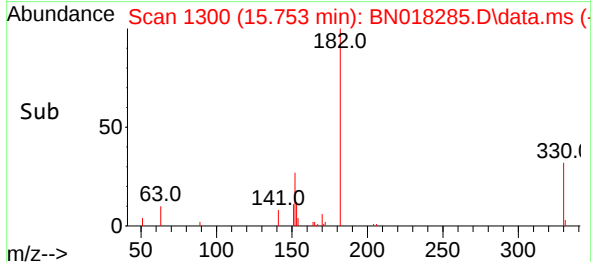
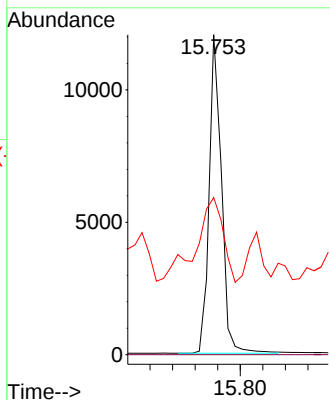
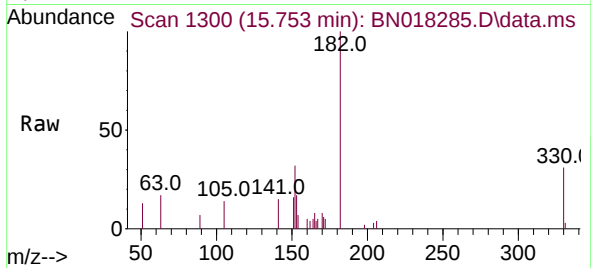




#14
2,4,6-Tribromophenol
Concen: 0.627 ng
RT: 15.753 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

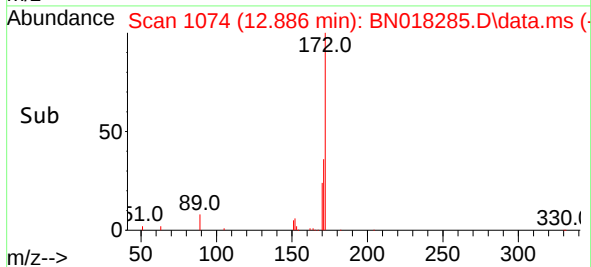
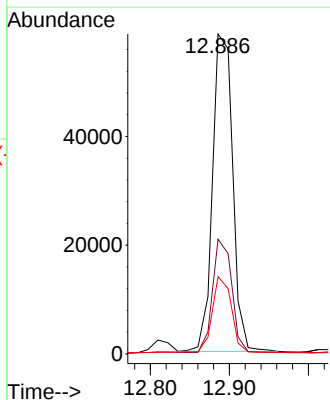
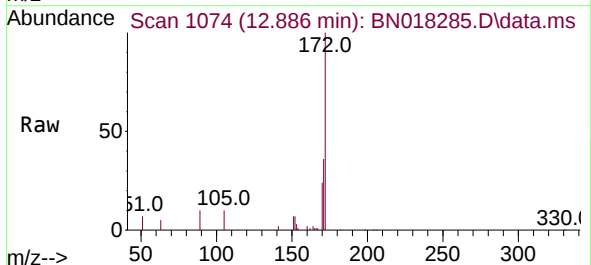
Instrument :
BNA_N
ClientSampleId :

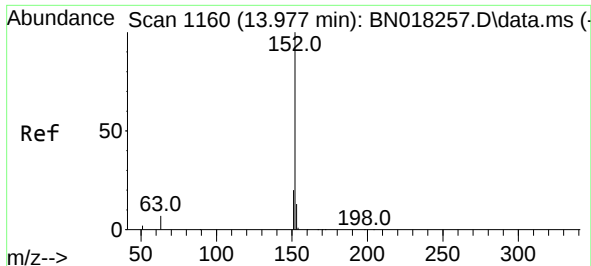
Tgt Ion:330 Resp: 18122
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.3 21.3 31.9#



#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:172 Resp: 103328
Ion Ratio Lower Upper
172 100
171 35.8 27.4 41.0
170 24.2 18.4 27.6

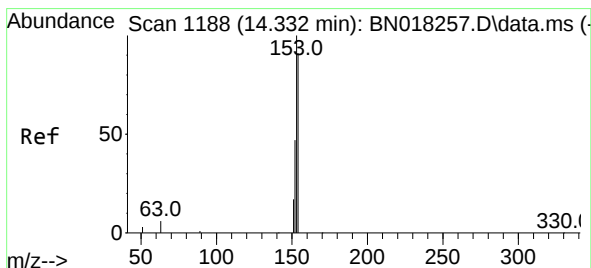
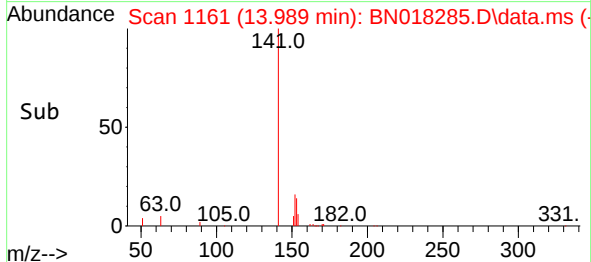
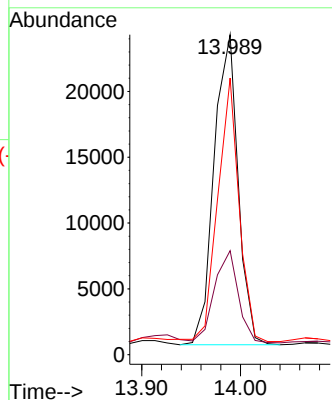
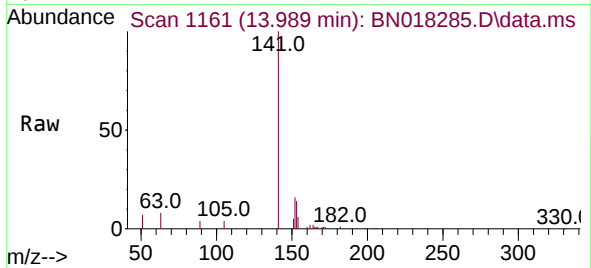




#16
Acenaphthylene
Concen: 0.108 ng
RT: 13.989 min Scan# 1161
Delta R.T. 0.012 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

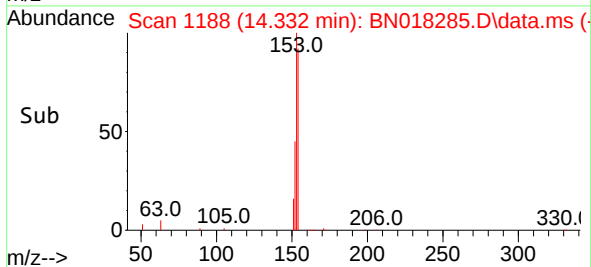
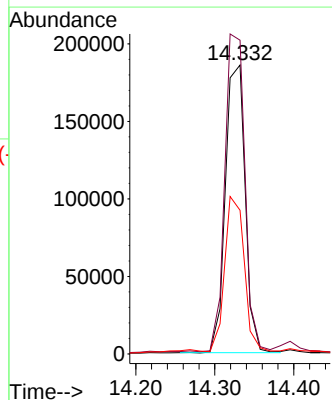
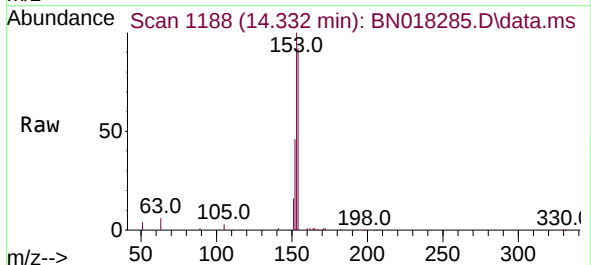
Instrument :
BNA_N
ClientSampleId :

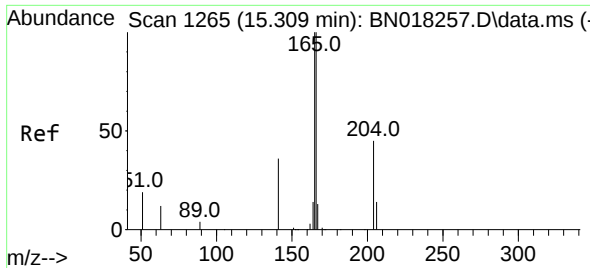
Tgt Ion:152 Resp: 39868
Ion Ratio Lower Upper
152 100
151 29.3 15.8 23.6#
153 75.4 10.5 15.7#



#17
Acenaphthene
Concen: 1.189 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:154 Resp: 323384
Ion Ratio Lower Upper
154 100
153 112.2 90.9 136.3
152 52.9 45.0 67.4

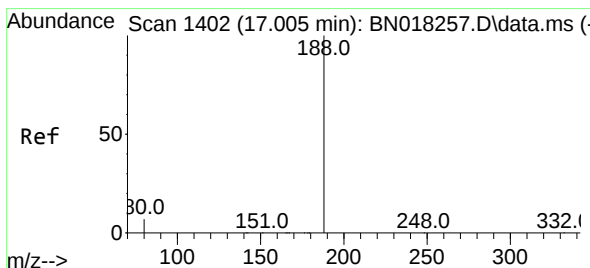
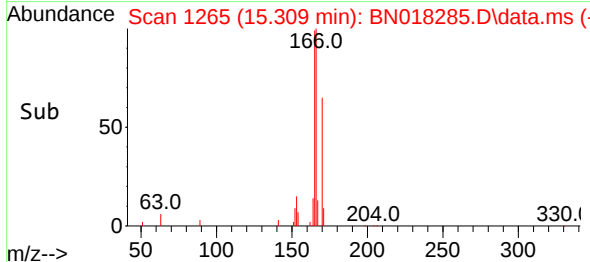
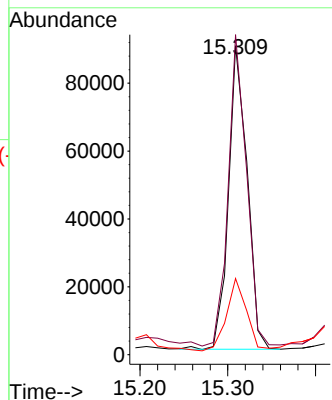
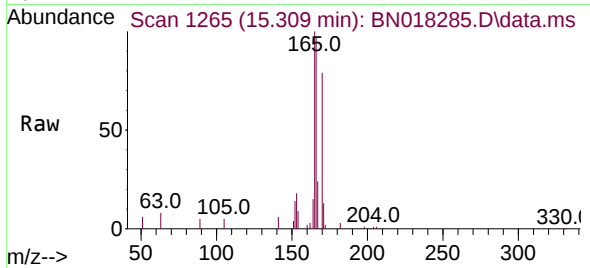




#18
Fluorene
Concen: 0.413 ng
RT: 15.309 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

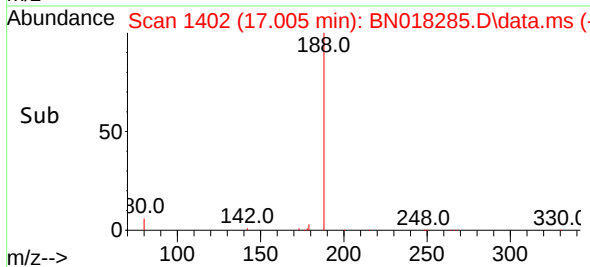
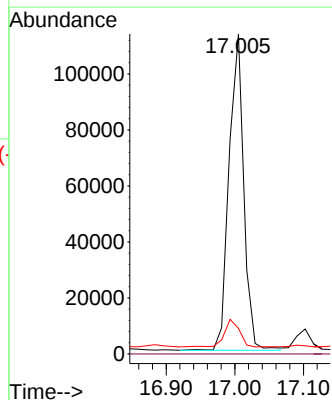
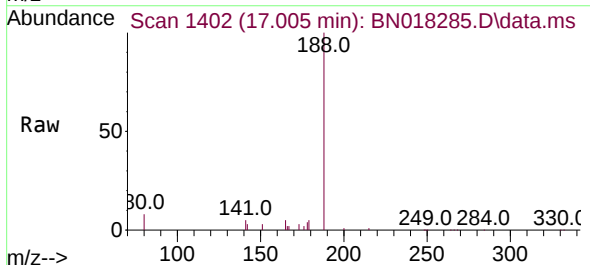
Instrument :
BNA_N
ClientSampleId :

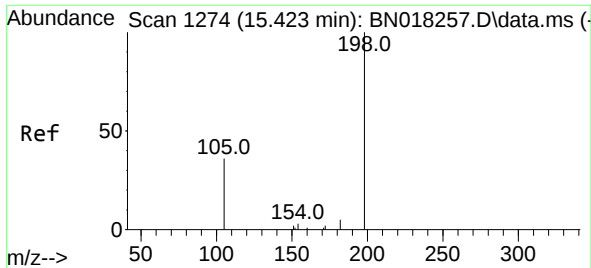
Tgt Ion:166 Resp: 132268
Ion Ratio Lower Upper
166 100
165 100.1 77.8 116.6
167 25.4 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:188 Resp: 168633
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.0 10.4





#20

4,6-Dinitro-2-methylphenol

Concen: 0.883 ng

RT: 15.461 min Scan# 1277

Delta R.T. 0.038 min

Lab File: BN018285.D

Acq: 30 Dec 2021 06:50

Instrument :

BNA_N

ClientSampleId :

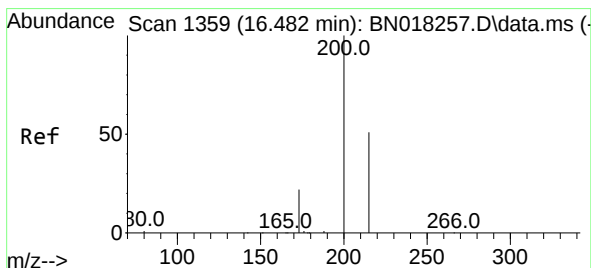
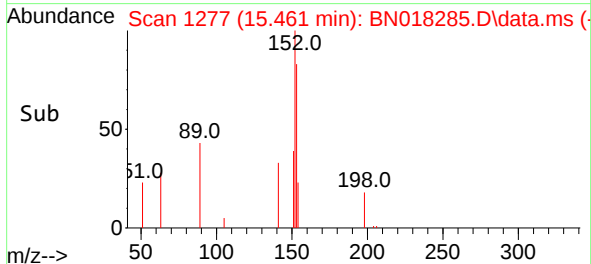
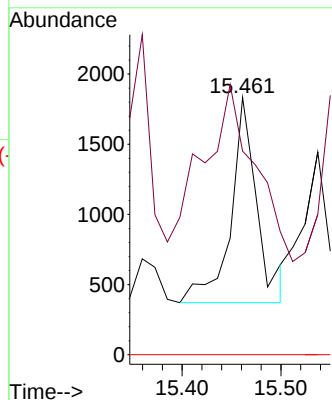
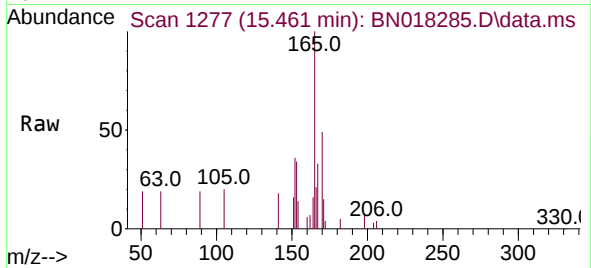
Tgt Ion:198 Resp: 2701

Ion Ratio Lower Upper

198 100

182 79.1 15.5 23.3#

77 0.0 0.0 0.0



#23

Atrazine

Concen: 0.152 ng

RT: 16.482 min Scan# 1359

Delta R.T. -0.000 min

Lab File: BN018285.D

Acq: 30 Dec 2021 06:50

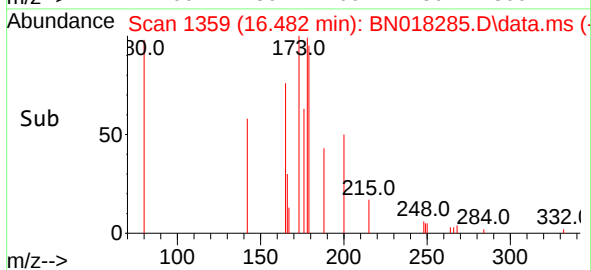
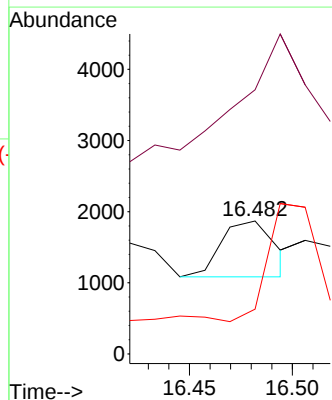
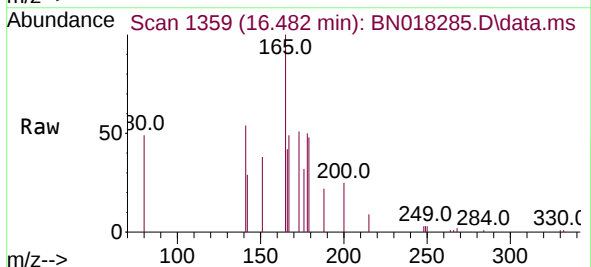
Tgt Ion:200 Resp: 1428

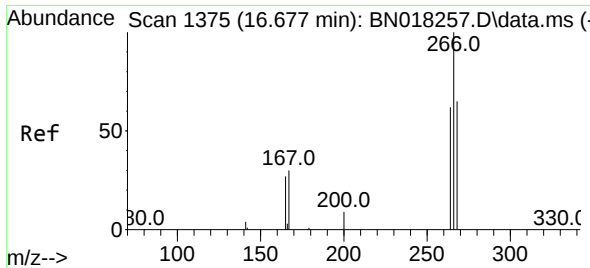
Ion Ratio Lower Upper

200 100

173 198.7 20.3 30.5#

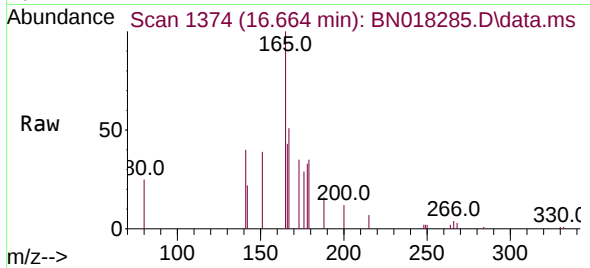
215 33.7 40.4 60.6#



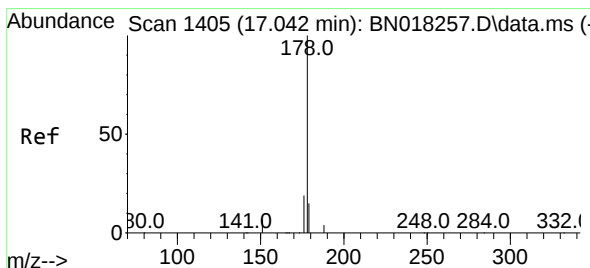
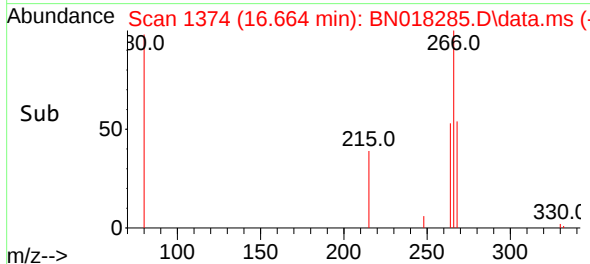
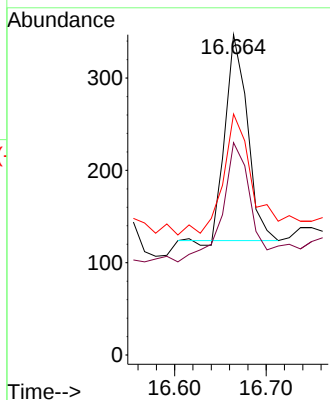


#24
 Pentachlorophenol
 Concen: 0.201 ng
 RT: 16.664 min Scan# 1375
 Delta R.T. -0.013 min
 Lab File: BN018285.D
 Acq: 30 Dec 2021 06:50

Instrument :
 BNA_N
 ClientSampleId :

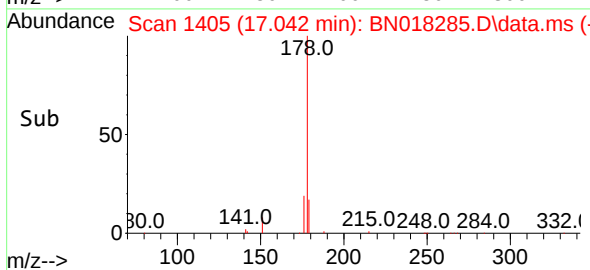
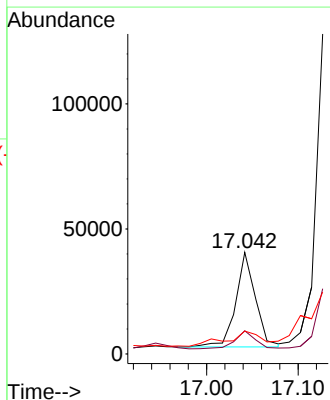
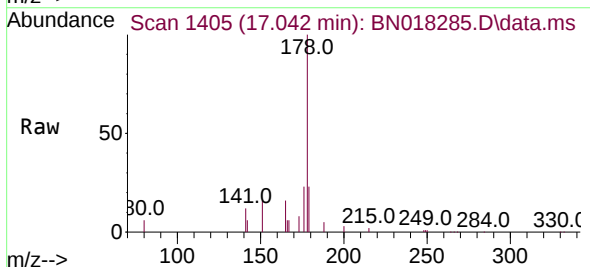


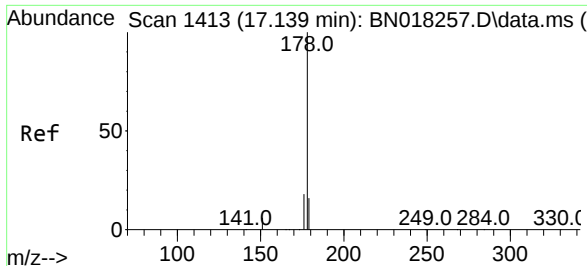
Tgt Ion:266 Resp: 371
 Ion Ratio Lower Upper
 266 100
 264 76.3 49.5 74.3#
 268 84.9 50.6 76.0#



#25
 Phenanthrene
 Concen: 0.126 ng
 RT: 17.042 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: BN018285.D
 Acq: 30 Dec 2021 06:50

Tgt Ion:178 Resp: 56115
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.3 22.9
 179 27.0 12.3 18.5#

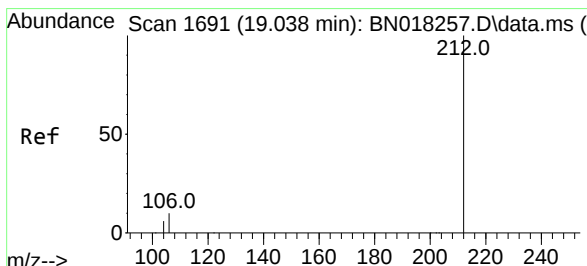
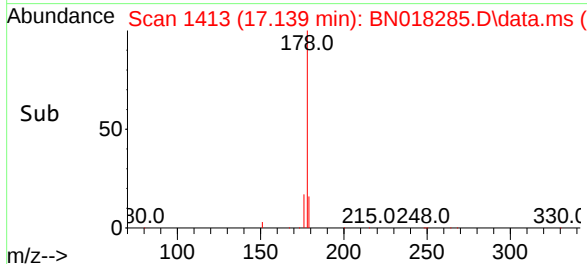
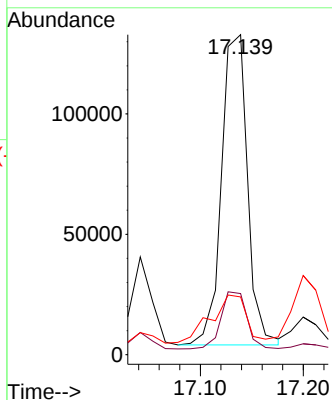
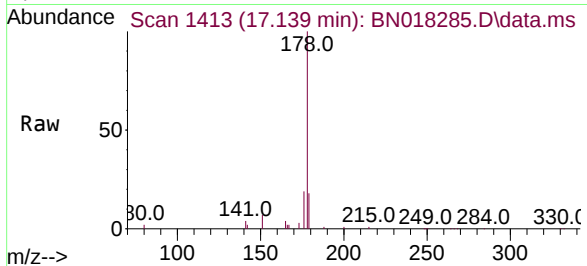




#26
 Anthracene
 Concen: 0.594 ng
 RT: 17.139 min Scan# 1413
 Delta R.T. 0.000 min
 Lab File: BN018285.D
 Acq: 30 Dec 2021 06:50

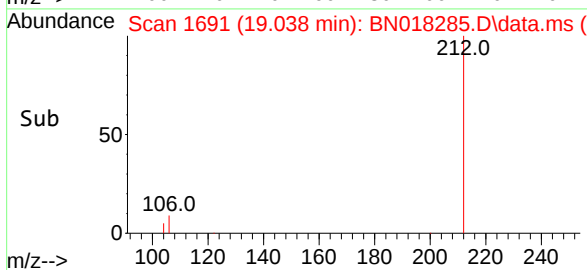
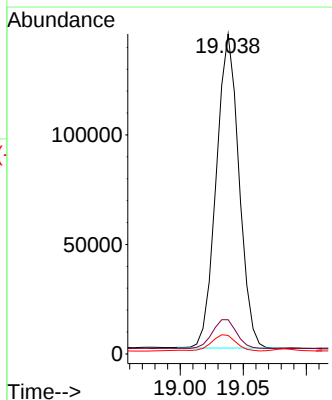
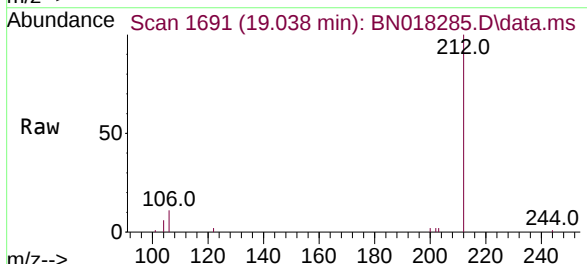
Instrument :
 BNA_N
 ClientSampleId :

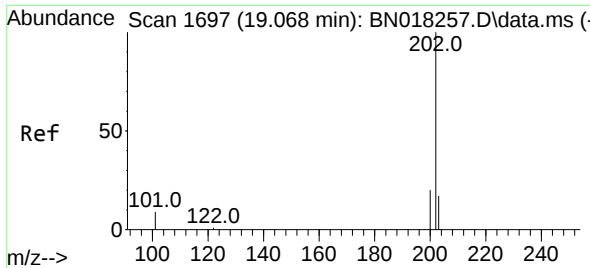
Tgt Ion:178 Resp: 226667
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.8 22.2
 179 21.4 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.334 ng
 RT: 19.038 min Scan# 1691
 Delta R.T. -0.000 min
 Lab File: BN018285.D
 Acq: 30 Dec 2021 06:50

Tgt Ion:212 Resp: 179134
 Ion Ratio Lower Upper
 212 100
 106 10.0 8.4 12.6
 104 5.7 4.5 6.7

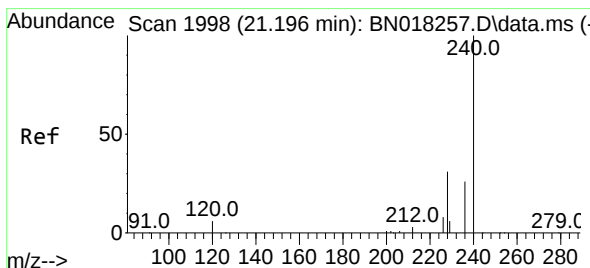
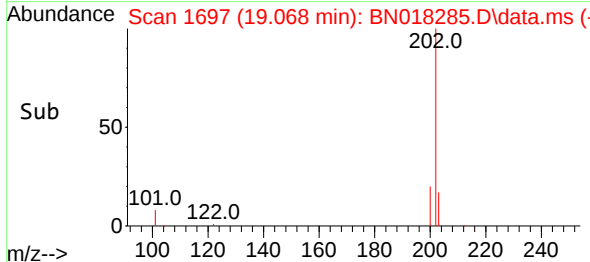
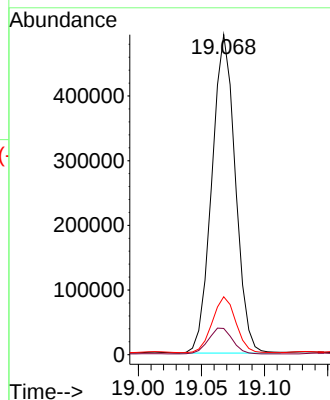
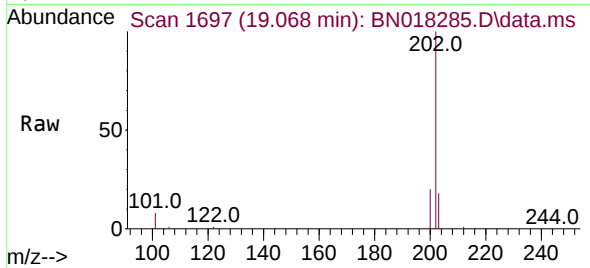




#28
Fluoranthene
Concen: 1.222 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

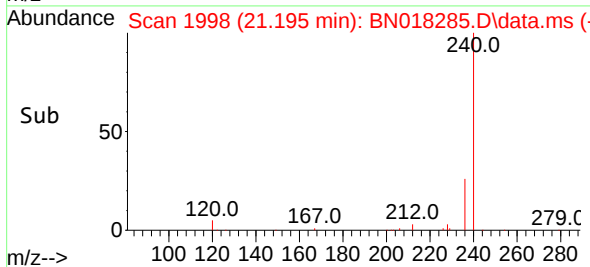
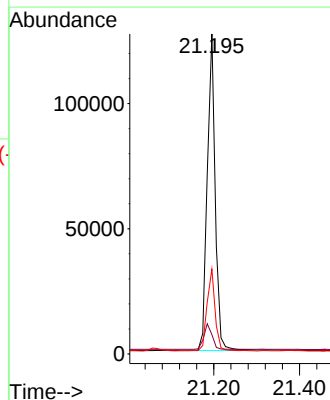
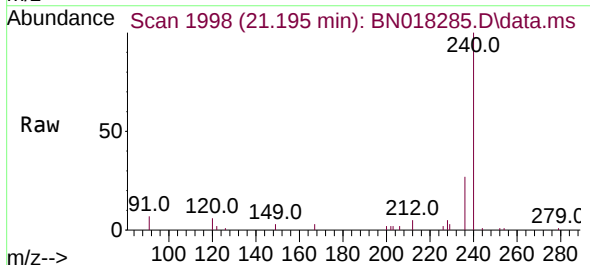
Instrument :
BNA_N
ClientSampleId :

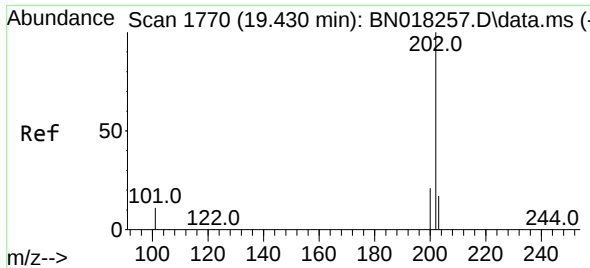
Tgt Ion:202 Resp: 636434
Ion Ratio Lower Upper
202 100
101 8.3 7.2 10.8
203 17.4 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:240 Resp: 163838
Ion Ratio Lower Upper
240 100
120 6.0 6.0 9.0
236 26.5 21.4 32.2

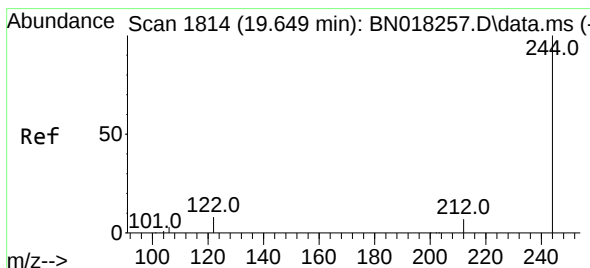
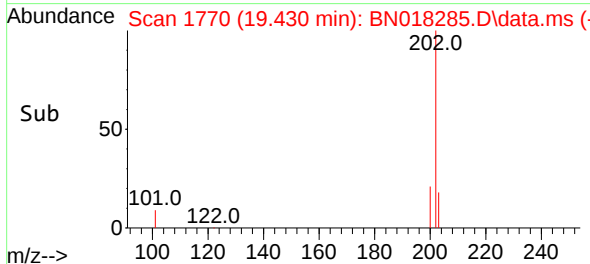
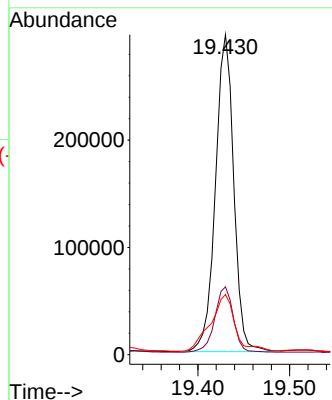
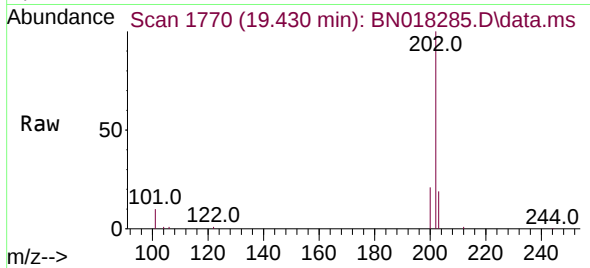




#30
 Pyrene
 Concen: 0.636 ng
 RT: 19.430 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN018285.D
 Acq: 30 Dec 2021 06:50

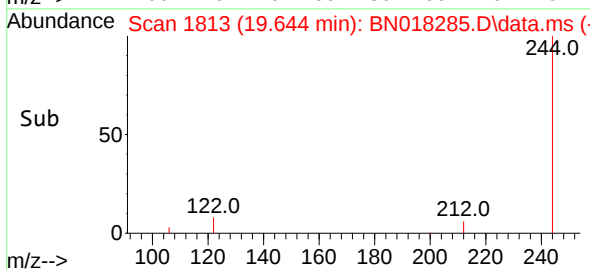
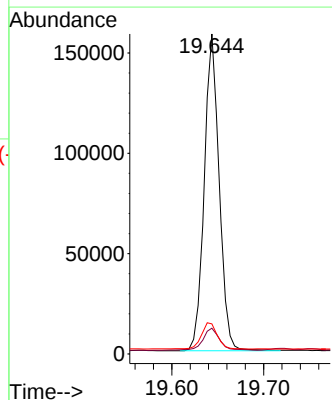
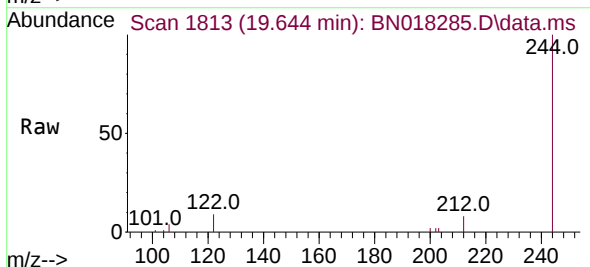
Instrument :
 BNA_N
 ClientSampleId :

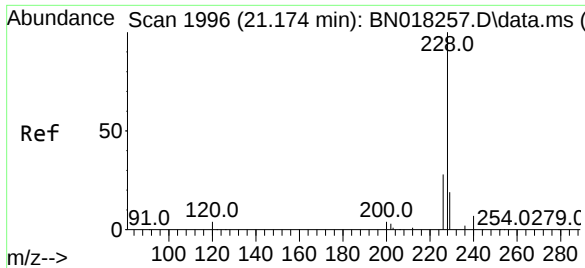
Tgt Ion:202 Resp: 408424
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.6 25.0
 203 23.9 14.1 21.1#



#31
 Terphenyl-d14
 Concen: 0.429 ng
 RT: 19.644 min Scan# 1813
 Delta R.T. -0.005 min
 Lab File: BN018285.D
 Acq: 30 Dec 2021 06:50

Tgt Ion:244 Resp: 178409
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 9.4 7.9 11.9

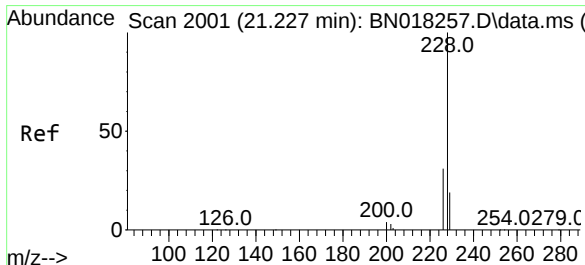
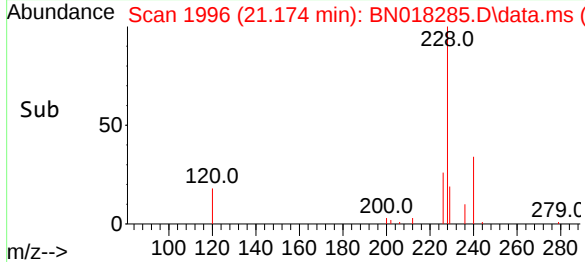
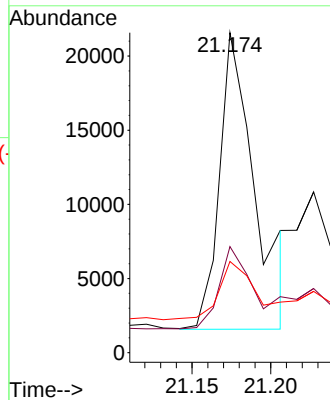
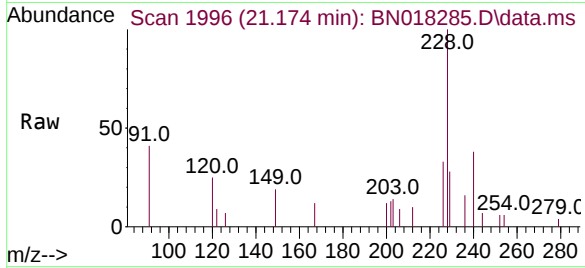




#32
Benzo(a)anthracene
Concen: 0.116 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

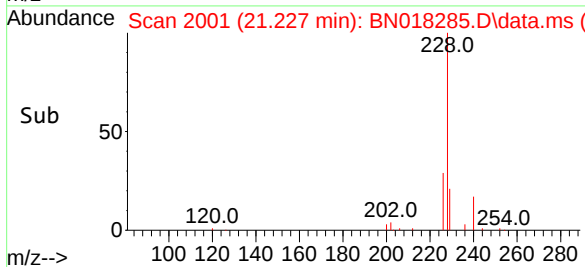
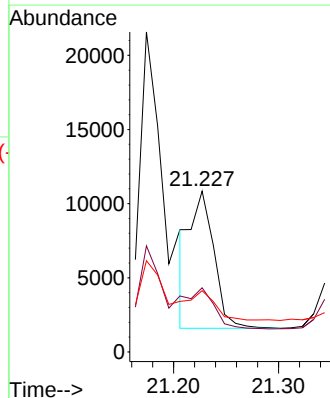
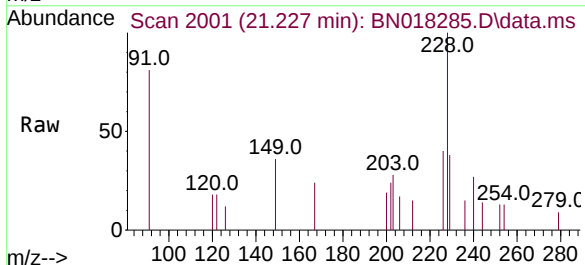
Instrument :
BNA_N
ClientSampleId :

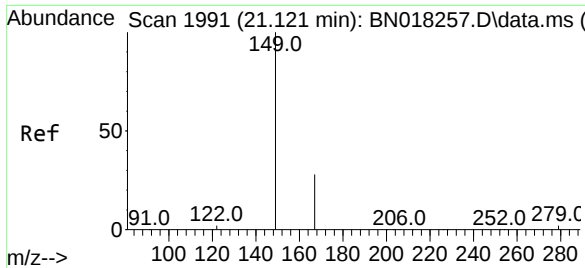
Tgt Ion:228 Resp: 31578
Ion Ratio Lower Upper
228 100
226 33.1 21.3 31.9#
229 28.5 15.9 23.9#



#33
Chrysene
Concen: 0.028 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:228 Resp: 14675
Ion Ratio Lower Upper
228 100
226 39.9 24.2 36.4#
229 38.1 15.5 23.3#

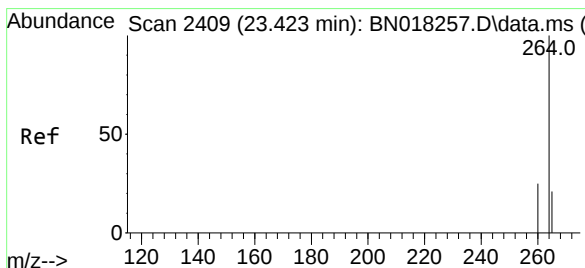
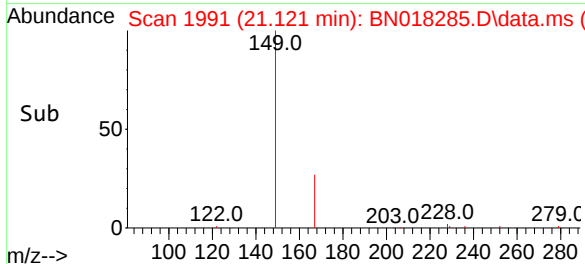
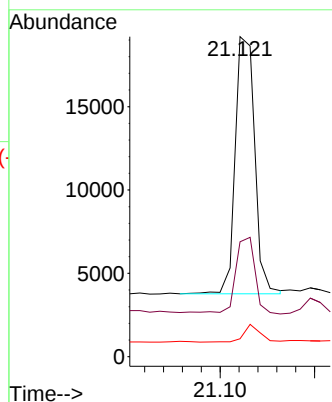
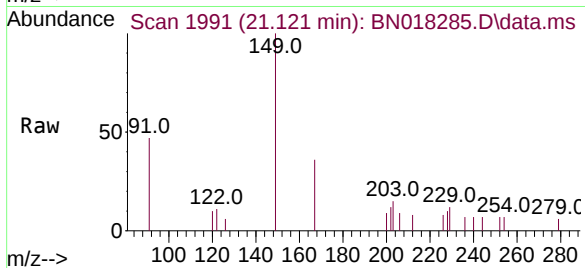




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.121 min Scan# 1991
 Delta R.T. -0.000 min
 Lab File: BN018285.D
 Acq: 30 Dec 2021 06:50

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 22075
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.7 35.5
 279 5.7 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.419 min Scan# 2408
 Delta R.T. -0.004 min
 Lab File: BN018285.D
 Acq: 30 Dec 2021 06:50

Tgt Ion:264 Resp: 142565
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.2 30.4
 265 25.3 18.2 27.2

