

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
 Data File : BN011232.D
 Acq On : 22 Jul 2020 23:48
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 23 03:58:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 19:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1427	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5125	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	3216	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	7933	0.40	ng	0.00
29) Chrysene-d12	21.09	240	6662	0.40	ng	-0.01
36) Perylene-d12	23.22	264	6155	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	1297	0.37	ng	0.00
5) Phenol-d6	6.69	99	1609	0.40	ng	0.00
8) Nitrobenzene-d5	8.63	82	1694	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.84	152	3609	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	572	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	5326	0.35	ng	0.00
27) Fluoranthene-d10	18.91	212	9587	0.38	ng	0.00
31) Terphenyl-d14	19.53	244	7701	0.44	ng	0.00

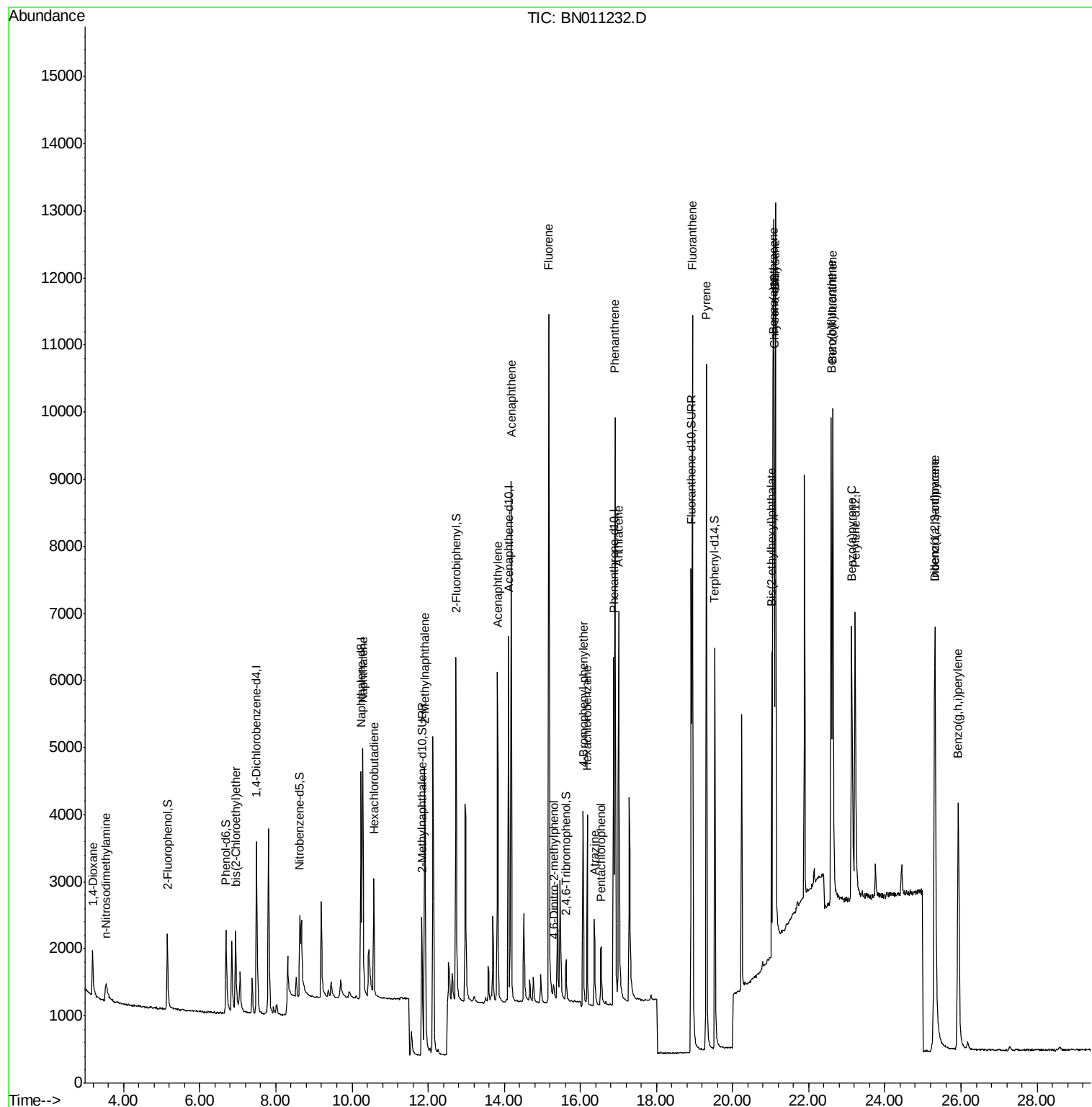
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	715	0.350	ng	# 96
3) n-Nitrosodimethylamine	3.54	42	363	0.354	ng	# 90
6) bis(2-Chloroethyl)ether	6.94	93	1300	0.357	ng	99
9) Naphthalene	10.29	128	5823	0.382	ng	99
10) Hexachlorobutadiene	10.58	225	1396	0.369	ng	# 99
12) 2-Methylnaphthalene	11.91	142	4002	0.417	ng	98
16) Acenaphthylene	13.82	152	5968	0.365	ng	100
17) Acenaphthene	14.18	154	4077	0.374	ng	99
18) Fluorene	15.17	166	5521	0.394	ng	100
20) 4,6-Dinitro-2-methylphenol	15.30	198	356	0.374	ng	91
21) 4-Bromophenyl-phenylether	16.08	248	1850	0.343	ng	94
22) Hexachlorobenzene	16.18	284	1971	0.314	ng	95
23) Atrazine	16.36	200	1433	0.379	ng	96
24) Pentachlorophenol	16.54	266	620	0.333	ng	95
25) Phenanthrene	16.91	178	9543	0.374	ng	99
26) Anthracene	17.00	178	7692	0.363	ng	100
28) Fluoranthene	18.94	202	11434	0.374	ng	100
30) Pyrene	19.31	202	11246	0.442	ng	100
32) Benzo(a)anthracene	21.07	228	8537	0.396	ng	98
33) Chrysene	21.12	228	10253	0.389	ng	100
34) Bis(2-ethylhexyl)phthalate	21.02	149	4168	0.469	ng	96
35) Indeno(1,2,3-cd)pyrene	25.30	276	9520	0.339	ng	100
37) Benzo(b)fluoranthene	22.59	252	8889	0.360	ng	97
38) Benzo(k)fluoranthene	22.63	252	10690	0.383	ng	99
39) Benzo(a)pyrene	23.13	252	7559	0.340	ng	98
40) Dibenzo(a,h)anthracene	25.32	278	7488	0.317	ng	99
41) Benzo(g,h,i)perylene	25.92	276	8271	0.319	ng	99

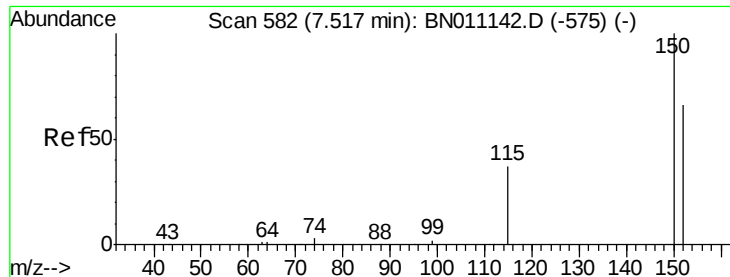
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
Data File : BN011232.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 23 03:58:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 19:29:31 2020
Response via : Initial Calibration



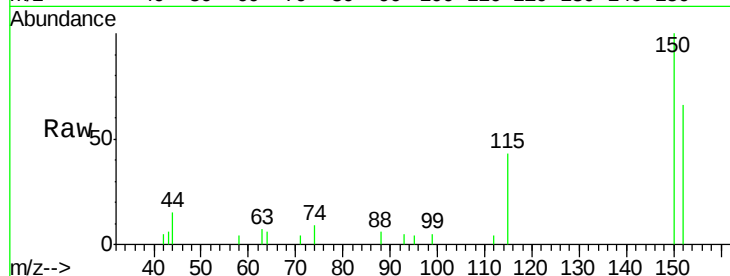


#1

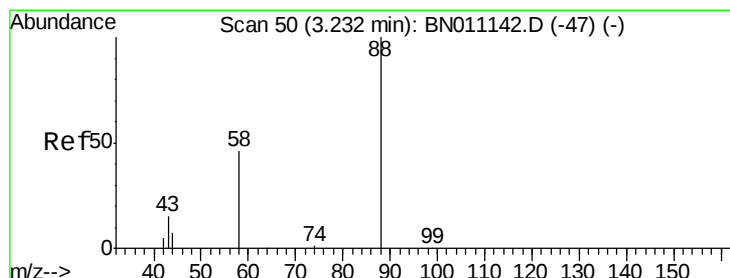
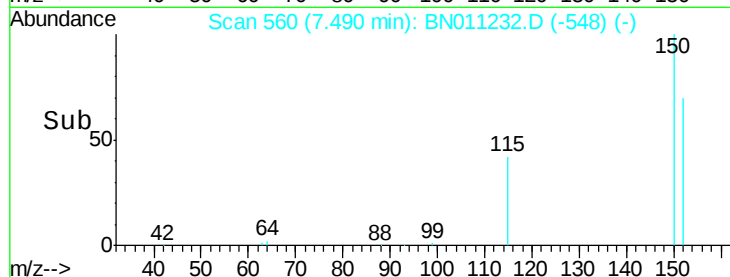
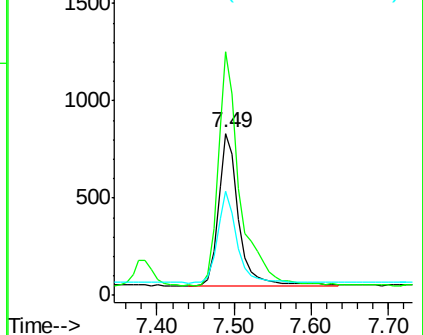
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BN011232.D
Acq: 22 Jul 2020 23:48

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1427
Ion Ratio Lower Upper
152 100
150 150.5 119.4 179.0
115 64.2 48.3 72.5



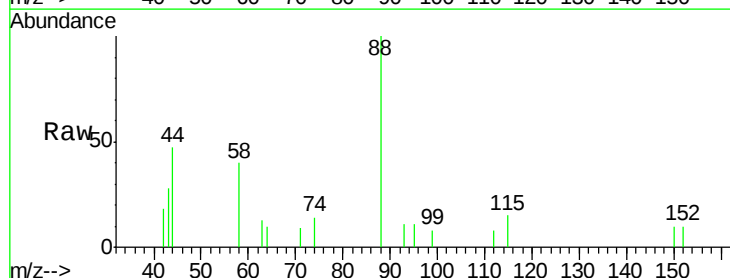
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



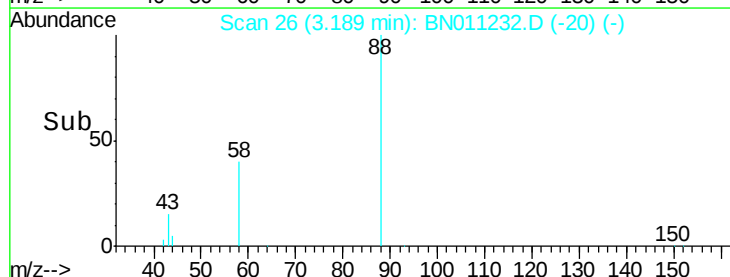
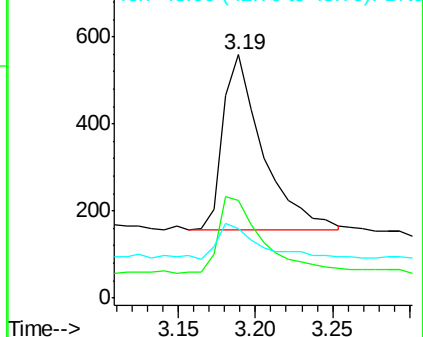
#2

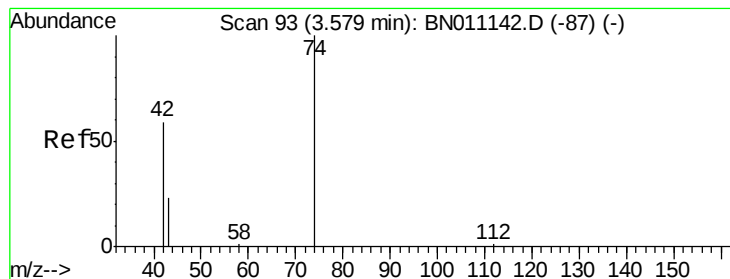
1,4-Dioxane
Concen: 0.350 ng
RT: 3.19 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN011232.D
Acq: 22 Jul 2020 23:48

Tgt Ion: 88 Resp: 715
Ion Ratio Lower Upper
88 100
58 47.3 36.5 54.7
43 21.5 14.3 21.5#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



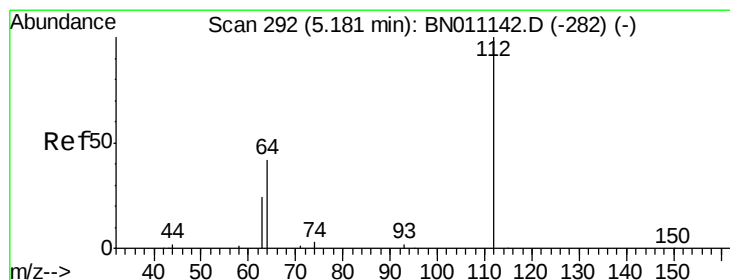
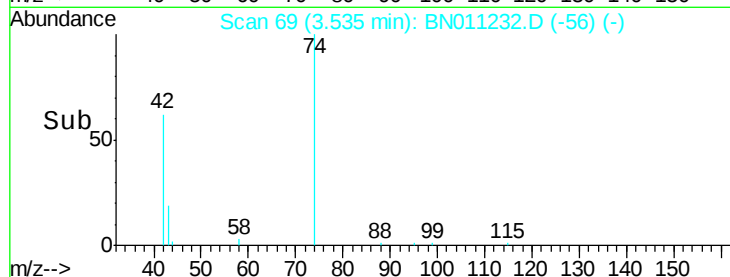
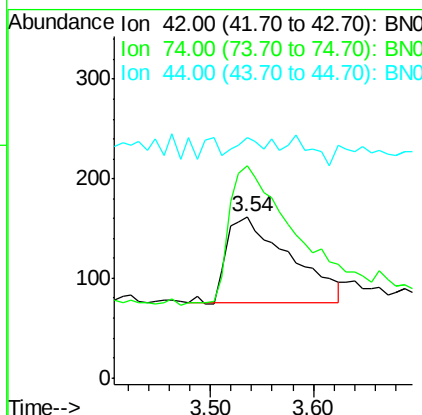
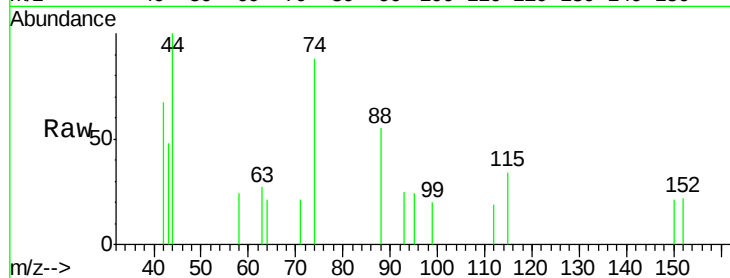


#3

n-Nitrosodimethylamine
 Concen: 0.354 ng
 RT: 3.54 min Scan# 69
 Delta R.T. 0.01 min
 Lab File: BN011232.D
 Acq: 22 Jul 2020 23:48

Instrument :
 BNA_N
 ClientSampleId :

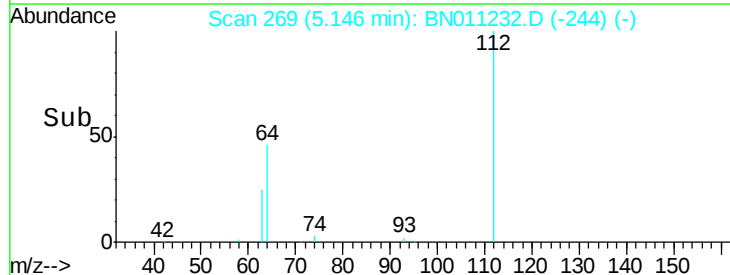
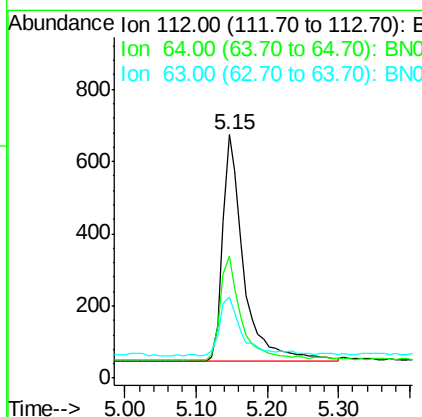
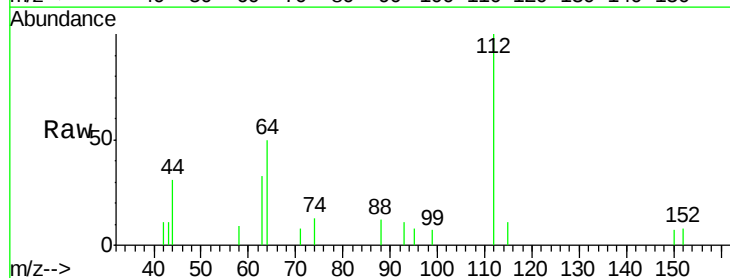
Tot Ion: 42 Resp: 363
 Ion Ratio Lower Upper
 42 100
 74 163.1 140.9 211.3
 44 4.1 7.6 11.4#

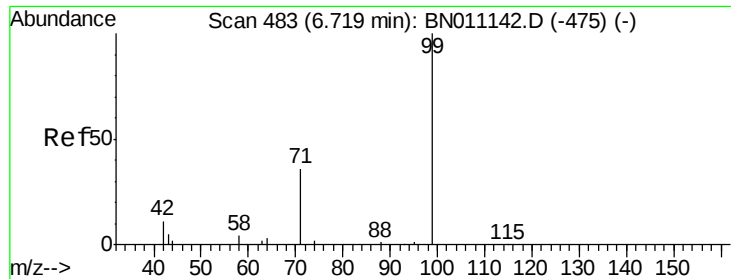


#4

2-Fluorophenol
 Concen: 0.369 ng
 RT: 5.15 min Scan# 269
 Delta R.T. 0.00 min
 Lab File: BN011232.D
 Acq: 22 Jul 2020 23:48

Tgt Ion: 112 Resp: 1297
 Ion Ratio Lower Upper
 112 100
 64 45.3 36.7 55.1
 63 27.8 20.4 30.6





#5

Phenol-d6

Concen: 0.404 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :

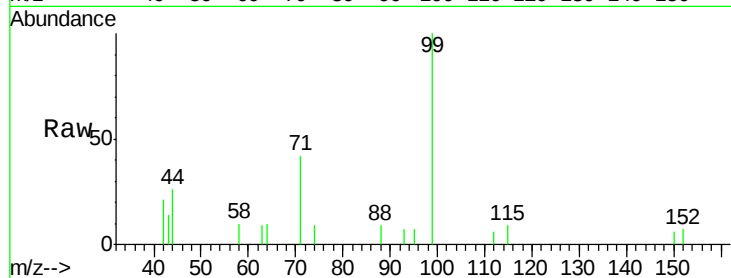
Tot Ion: 99 Resp: 1609

Ion Ratio Lower Upper

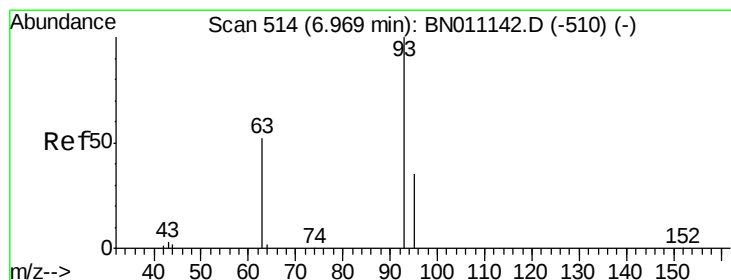
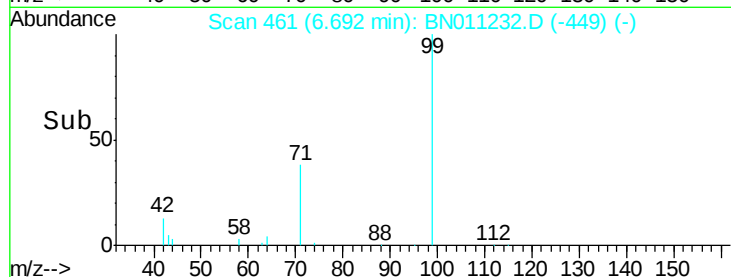
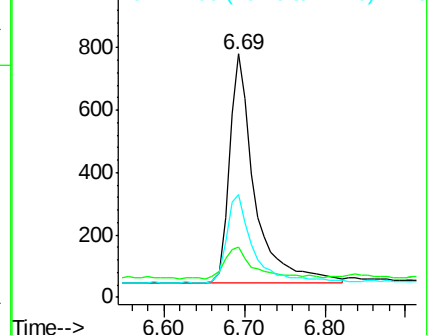
99 100

42 16.1 10.8 16.2

71 40.8 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.357 ng

RT: 6.94 min Scan# 492

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

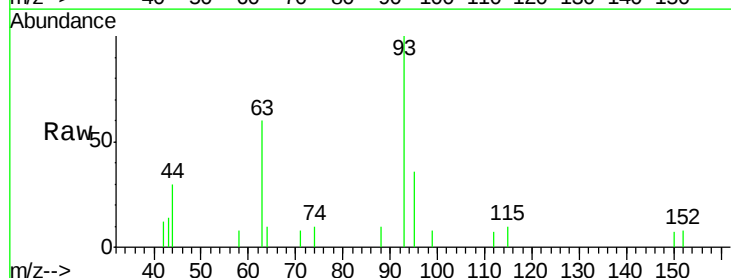
Tgt Ion: 93 Resp: 1300

Ion Ratio Lower Upper

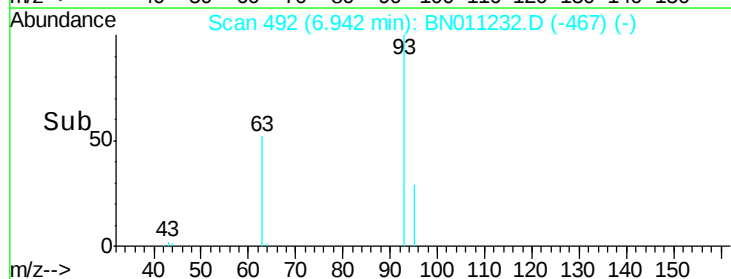
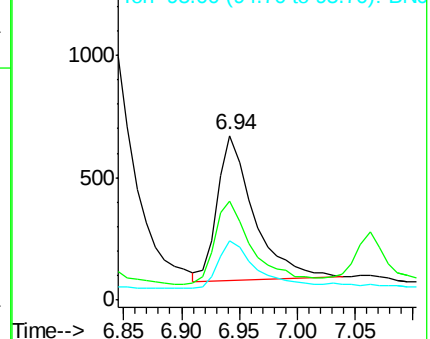
93 100

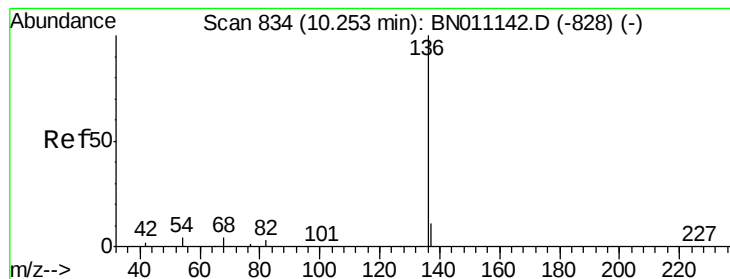
63 59.7 47.4 71.0

95 34.0 28.1 42.1



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 5125

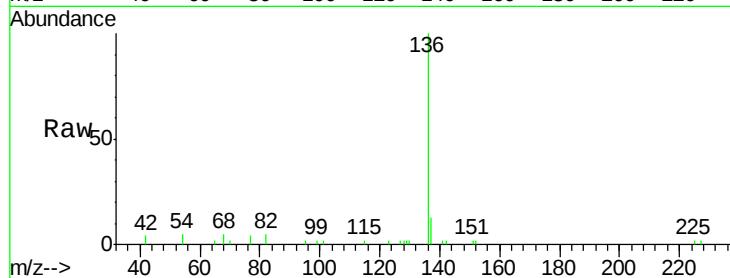
Ion Ratio Lower Upper

136 100

137 13.0 10.3 15.5

54 5.3 4.9 7.3

68 5.3 4.9 7.3

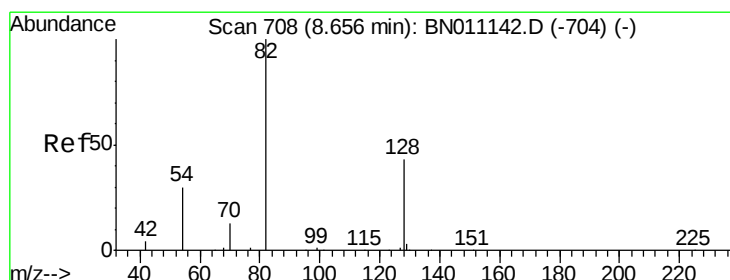
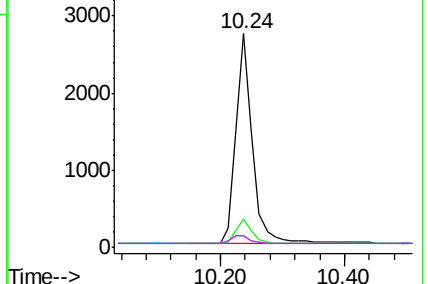
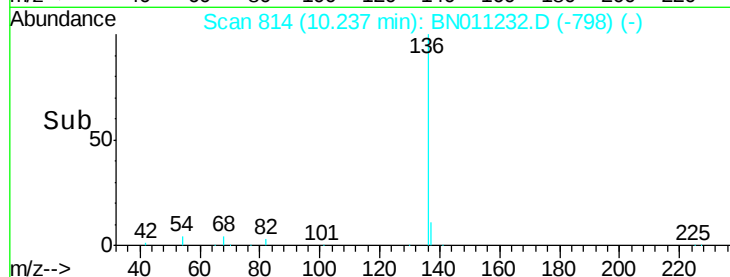


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.373 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

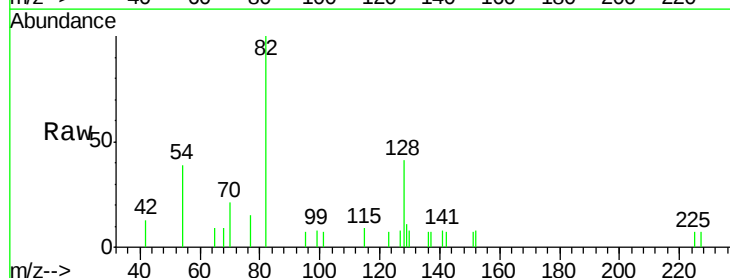
Tgt Ion: 82 Resp: 1694

Ion Ratio Lower Upper

82 100

128 41.1 38.1 57.1

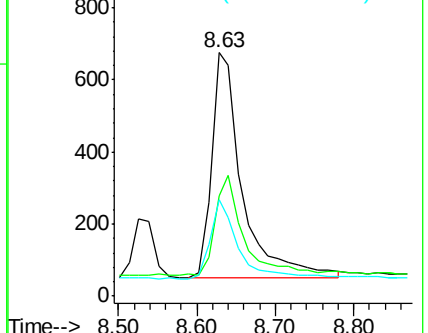
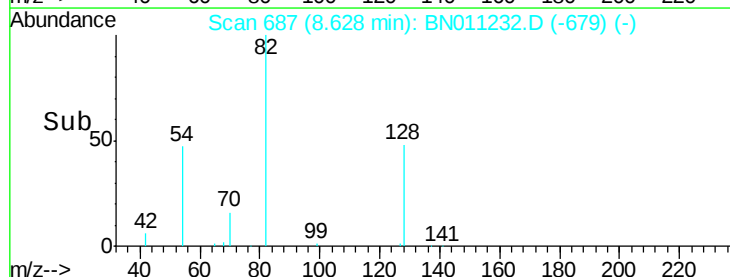
54 39.5 27.1 40.7

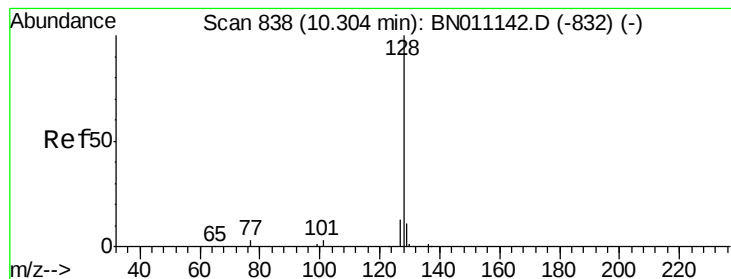


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.382 ng

RT: 10.29 min Scan# 818

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :

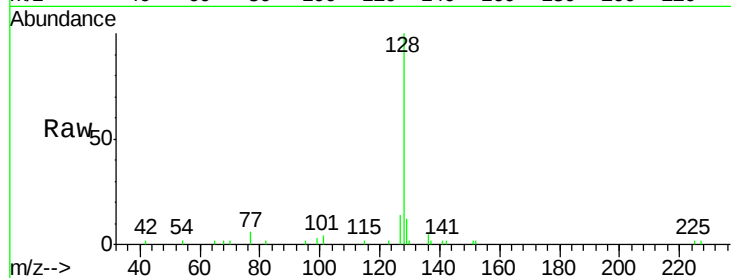
Tot Ion:128 Resp: 5823

Ion Ratio Lower Upper

128 100

129 12.1 9.8 14.6

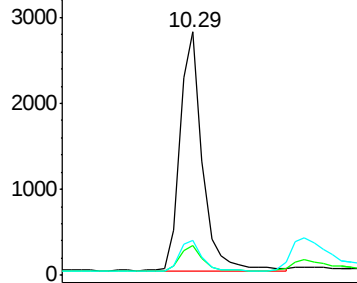
127 14.3 11.8 17.6



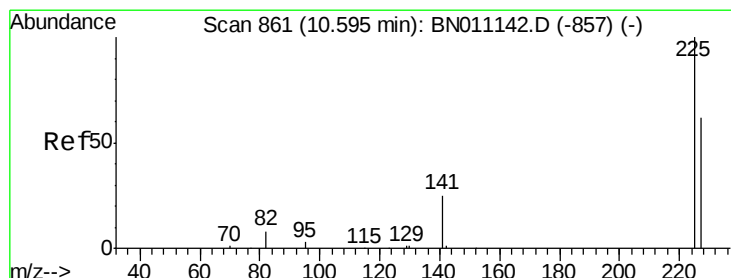
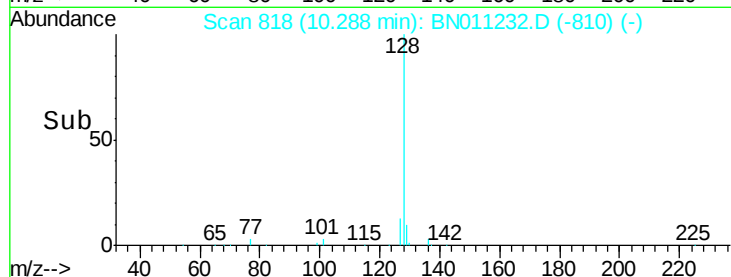
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.369 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

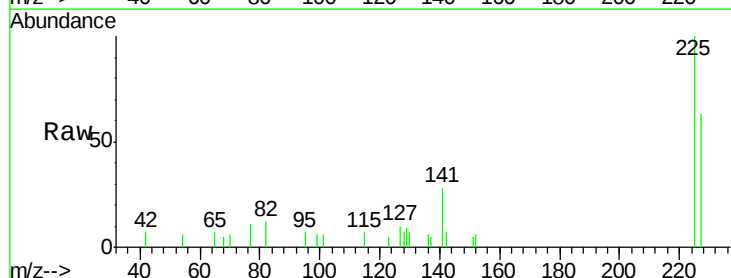
Tgt Ion:225 Resp: 1396

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

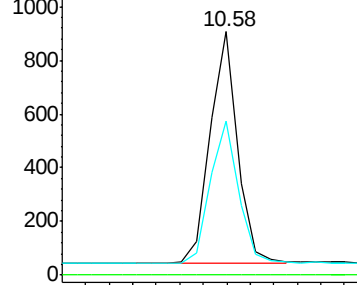
227 63.3 51.2 76.8



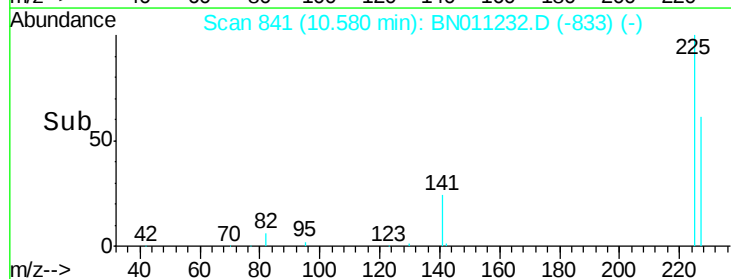
Abundance Ion 225.00 (224.70 to 225.70): E

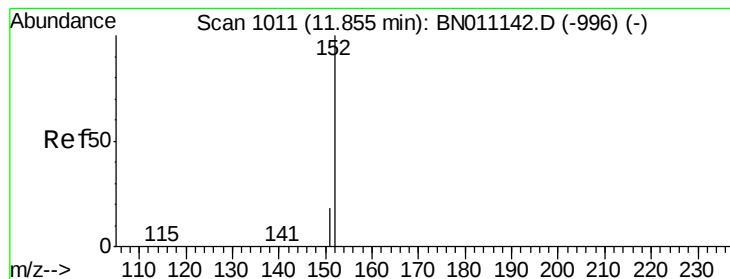
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.434 ng

RT: 11.84 min Scan# 987

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

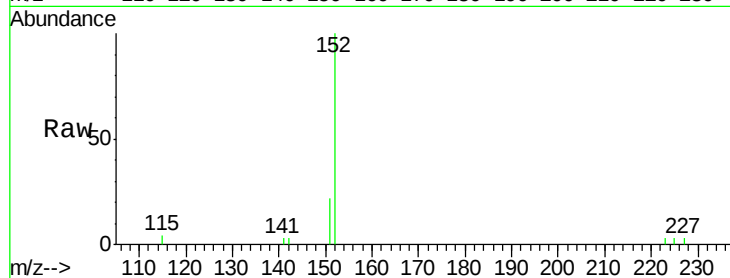
ClientSampleId :

Tot Ion:152 Resp: 3609

Ion Ratio Lower Upper

152 100

151 20.2 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.84

2000

1500

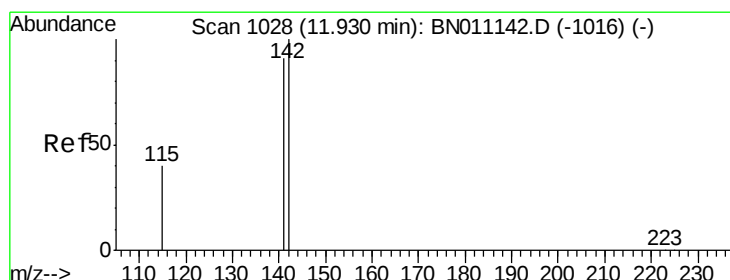
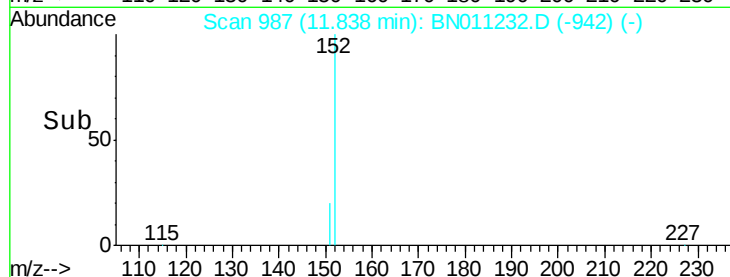
1000

500

0

Time-->

11.80 12.00



#12

2-Methylnaphthalene

Concen: 0.417 ng

RT: 11.91 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

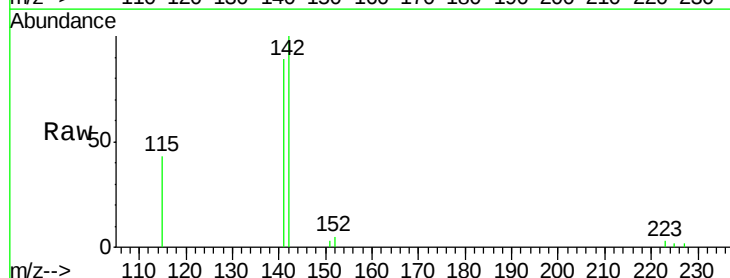
Tgt Ion:142 Resp: 4002

Ion Ratio Lower Upper

142 100

141 89.0 72.7 109.1

115 43.2 33.8 50.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

2500

2000

1500

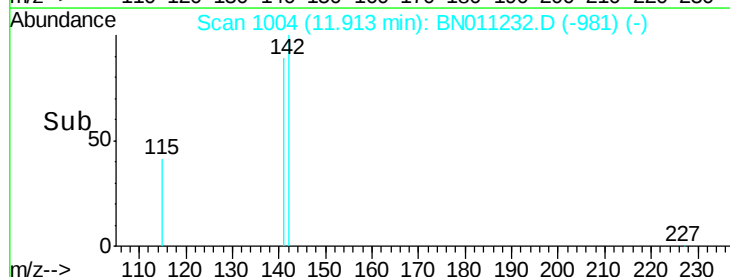
1000

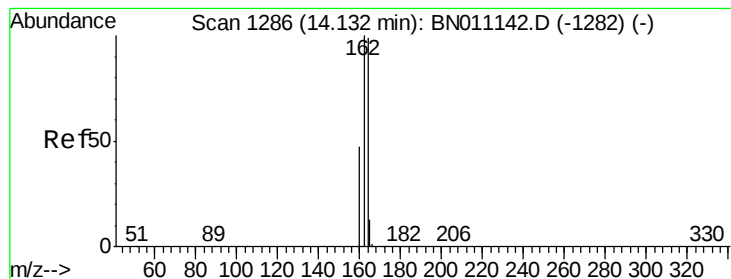
500

0

Time-->

11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :

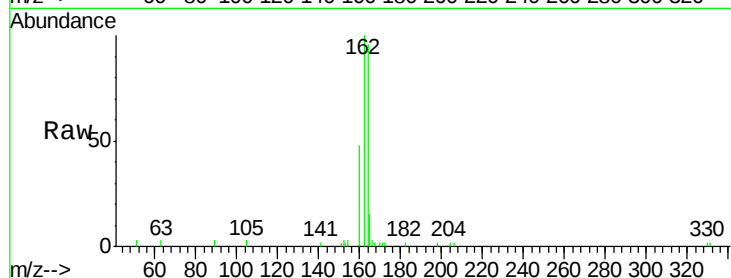
Tot Ion:164 Resp: 3216

Ion Ratio Lower Upper

164 100

162 103.8 81.0 121.4

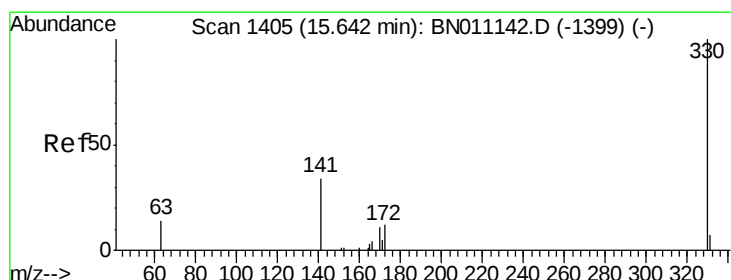
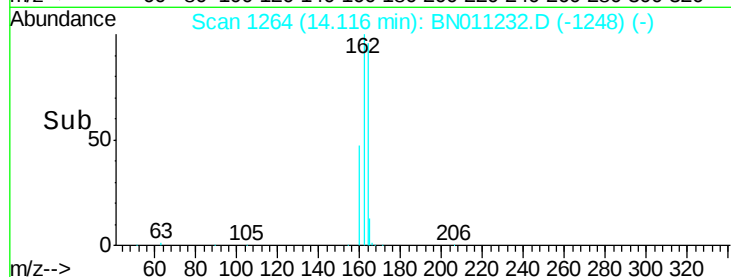
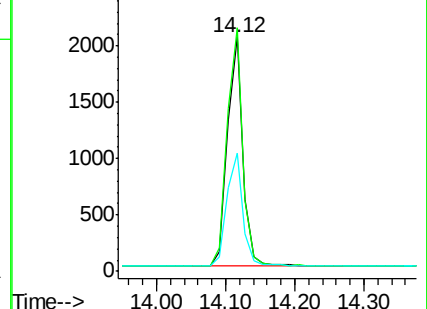
160 50.4 39.0 58.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.401 ng

RT: 15.63 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

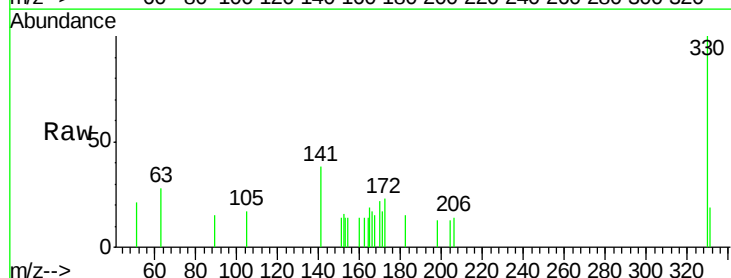
Tgt Ion:330 Resp: 572

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

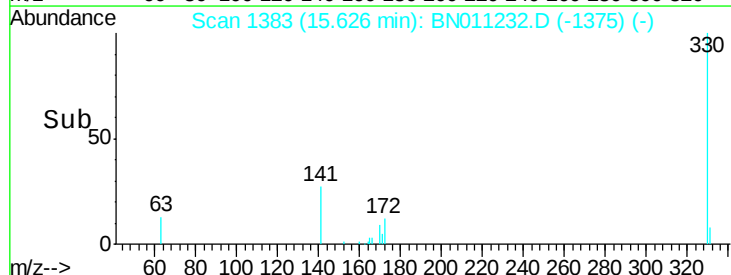
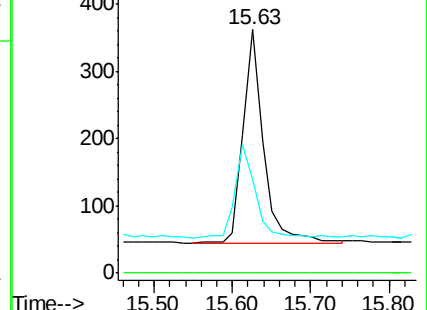
141 43.4 31.5 47.3

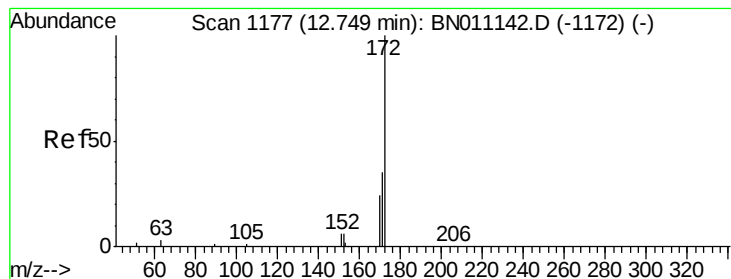


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.354 ng

RT: 12.73 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :

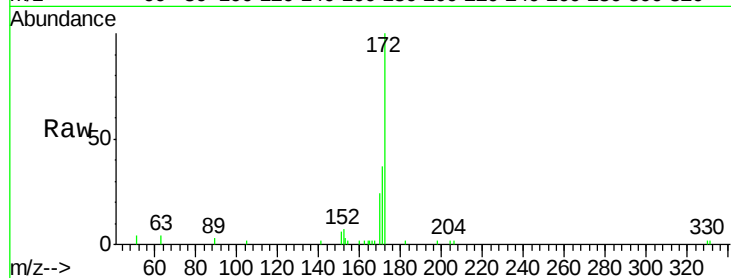
Tot Ion:172 Resp: 5326

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.6

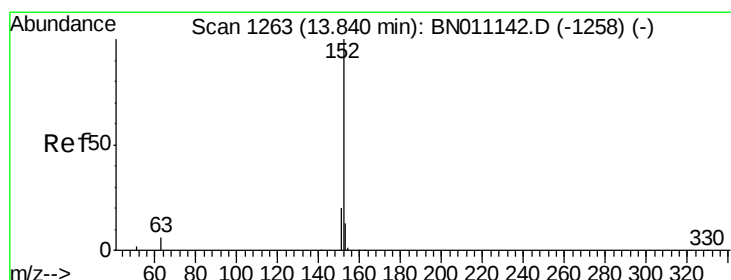
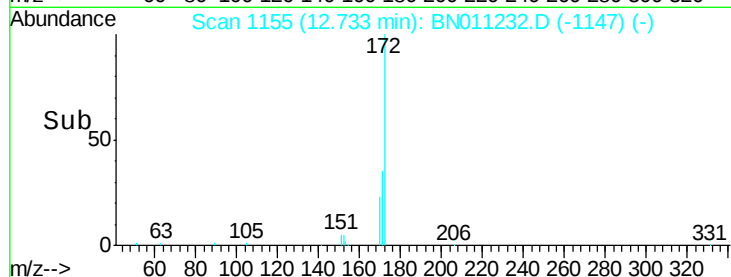
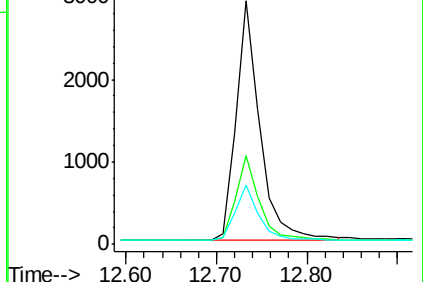
170 24.4 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.365 ng

RT: 13.82 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

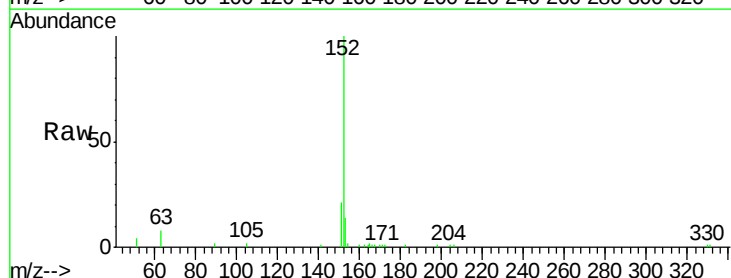
Tgt Ion:152 Resp: 5968

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

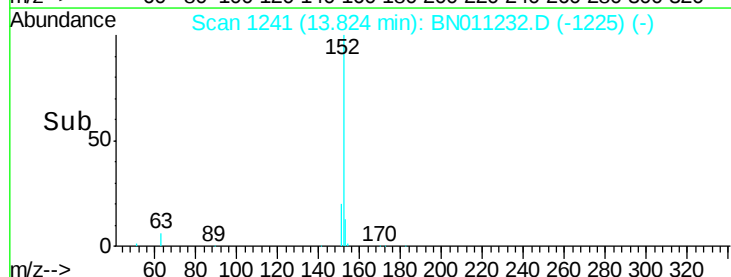
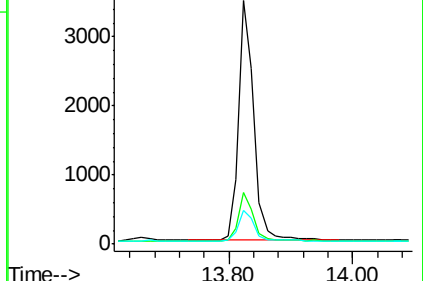
153 13.1 10.6 15.8

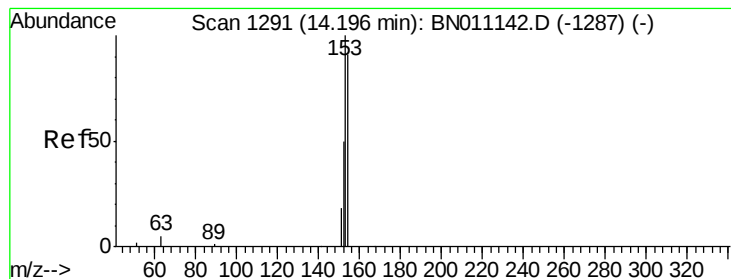


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.374 ng

RT: 14.18 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :

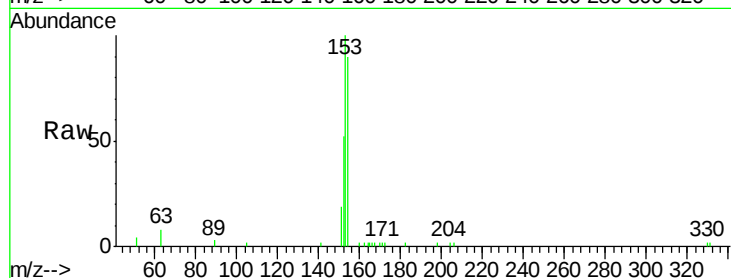
Tot Ion:154 Resp: 4077

Ion Ratio Lower Upper

154 100

153 114.6 91.3 136.9

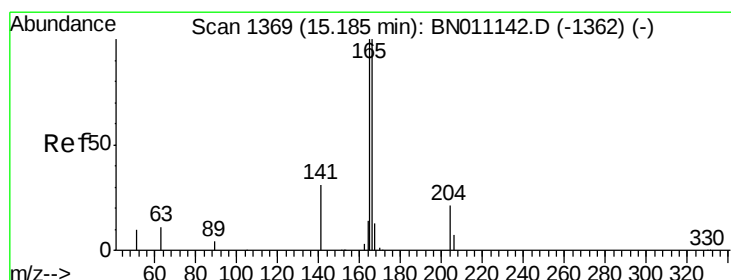
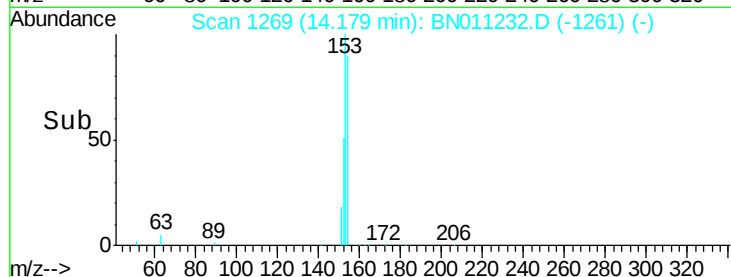
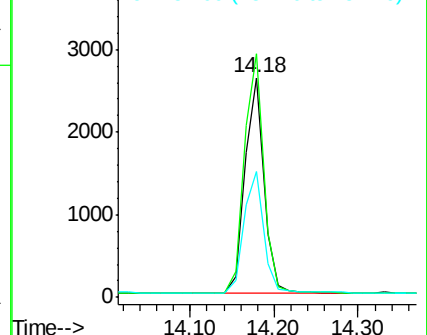
152 59.3 46.6 69.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.394 ng

RT: 15.17 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

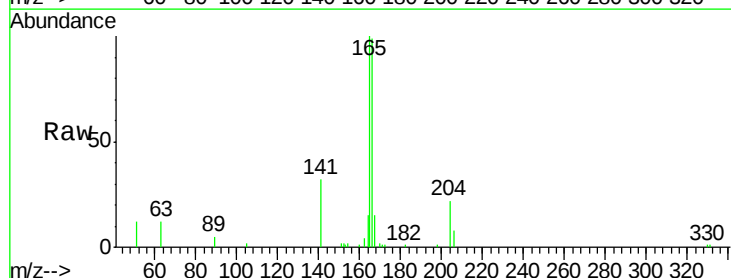
Tgt Ion:166 Resp: 5521

Ion Ratio Lower Upper

166 100

165 99.2 79.1 118.7

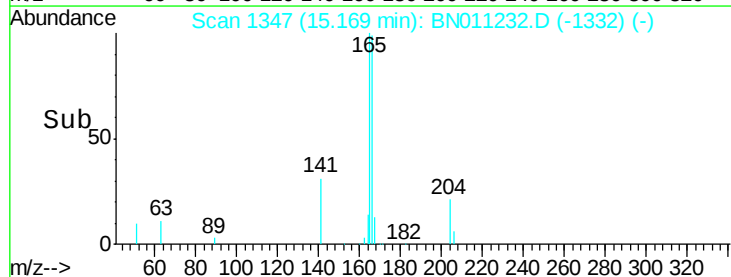
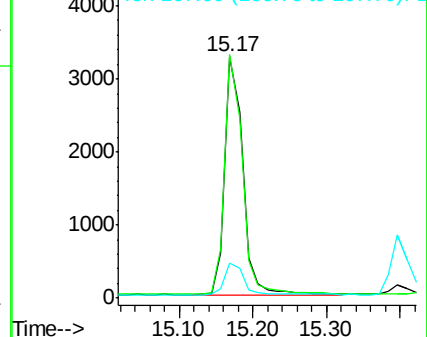
167 13.8 10.5 15.7

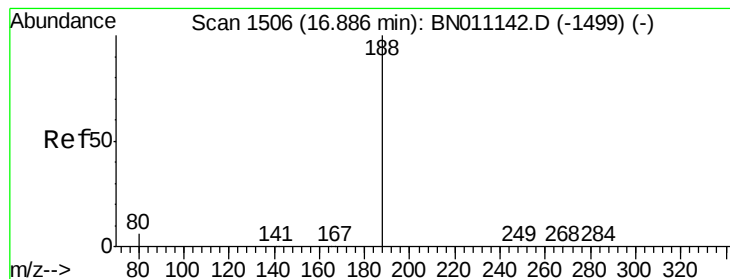


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.87 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :

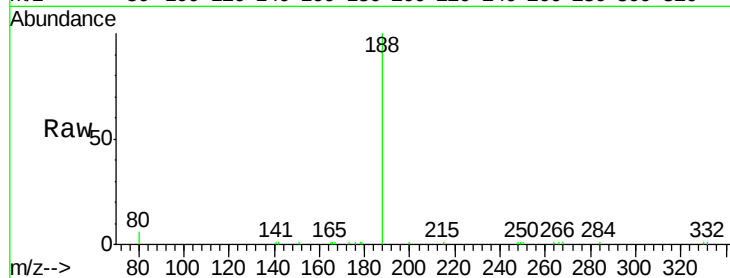
Tot Ion:188 Resp: 7933

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

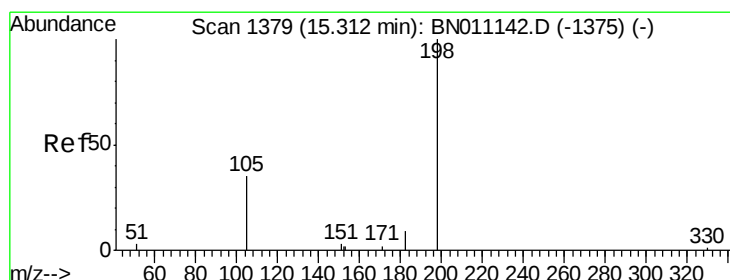
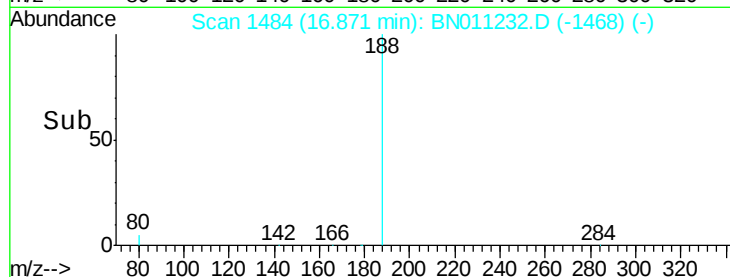
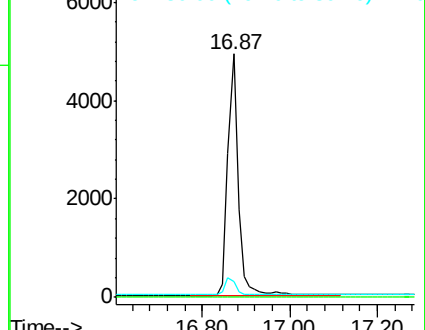
80 6.2 6.3 9.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.374 ng

RT: 15.30 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

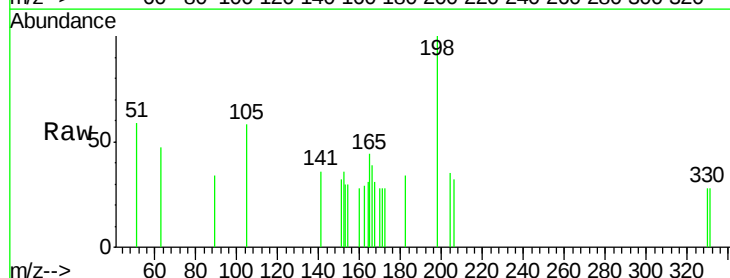
Tgt Ion:198 Resp: 356

Ion Ratio Lower Upper

198 100

51 58.9 53.1 79.7

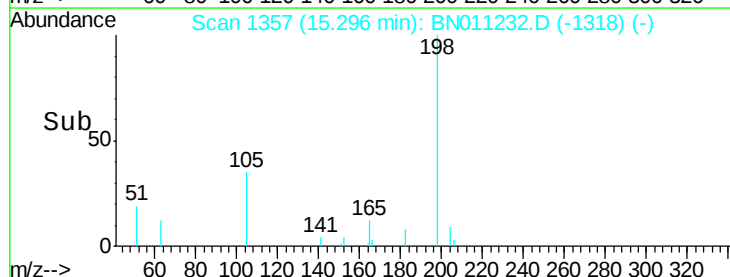
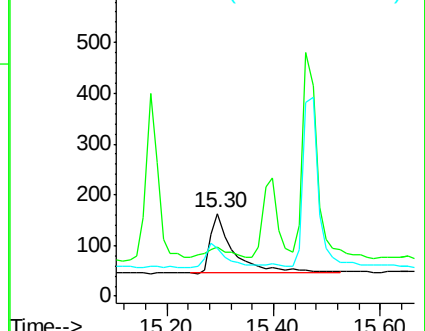
105 58.3 51.9 77.9

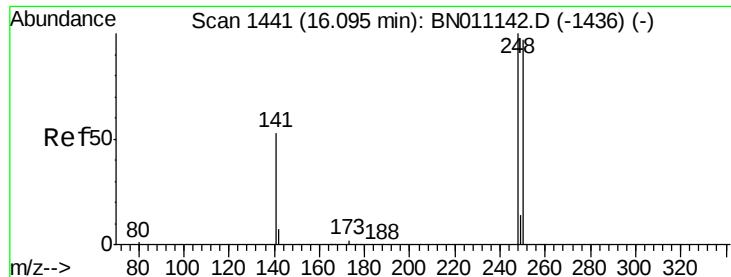


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

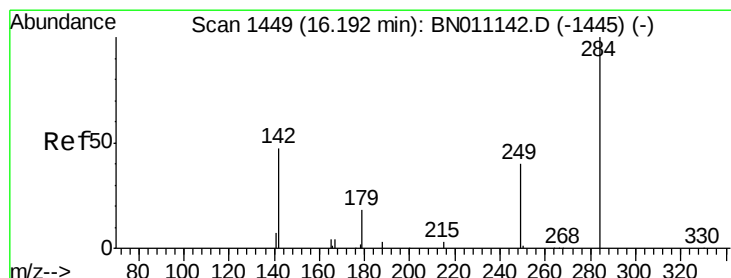
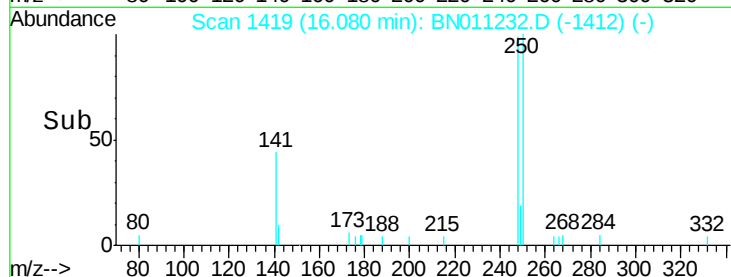
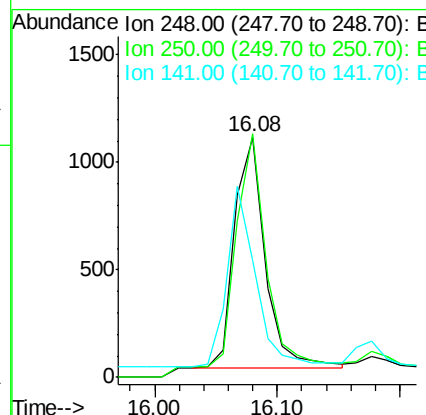
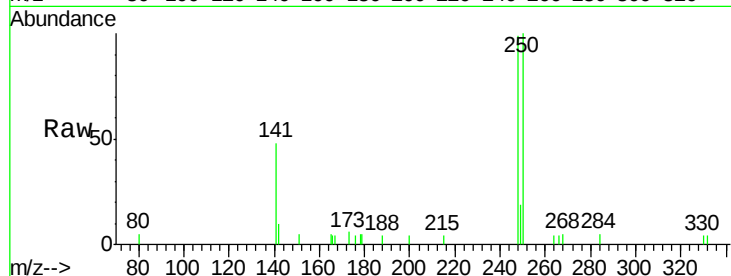




#21
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 16.08 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BN011232.D
Acq: 22 Jul 2020 23:48

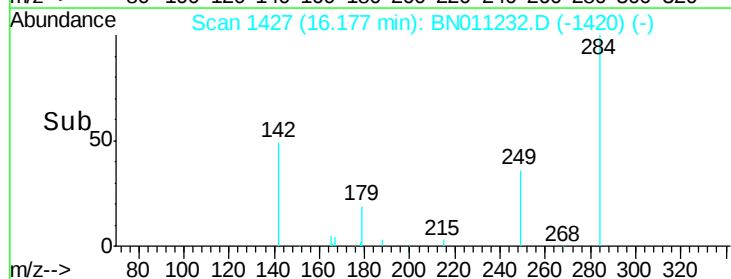
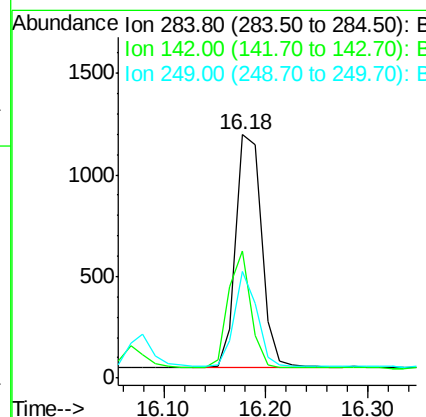
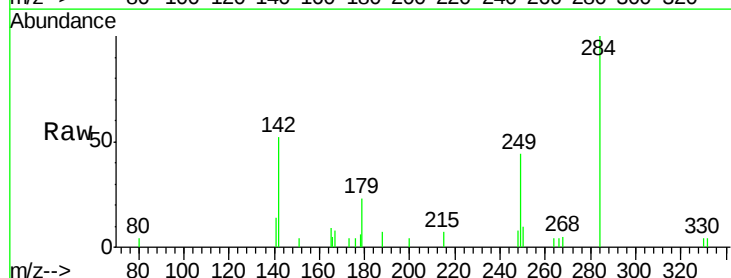
Instrument :
BNA_N
ClientSampled :

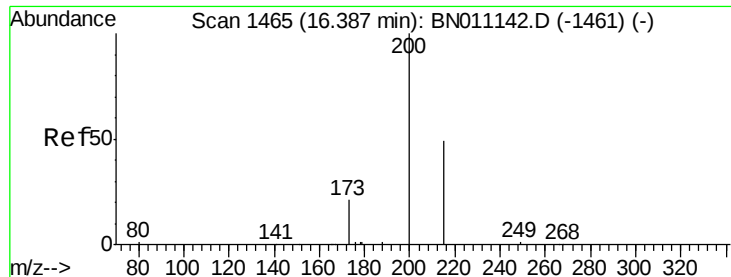
Tot Ion:248 Resp: 1850
Ion Ratio Lower Upper
248 100
250 101.4 78.4 117.6
141 48.8 45.1 67.7



#22
Hexachlorobenzene
Concen: 0.314 ng
RT: 16.18 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN011232.D
Acq: 22 Jul 2020 23:48

Tgt Ion:284 Resp: 1971
Ion Ratio Lower Upper
284 100
142 45.9 32.6 48.8
249 35.9 28.4 42.6

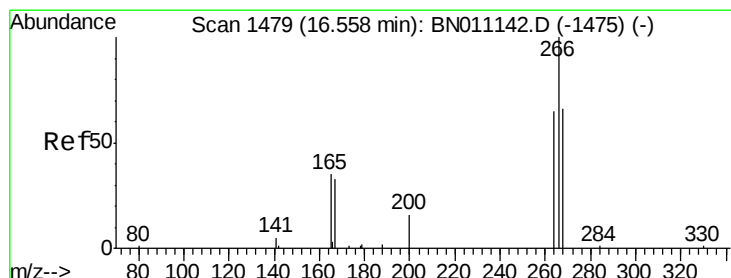
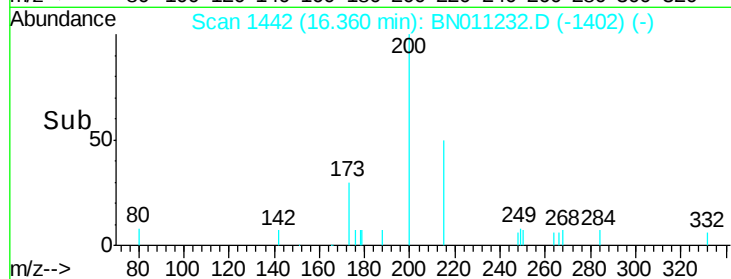
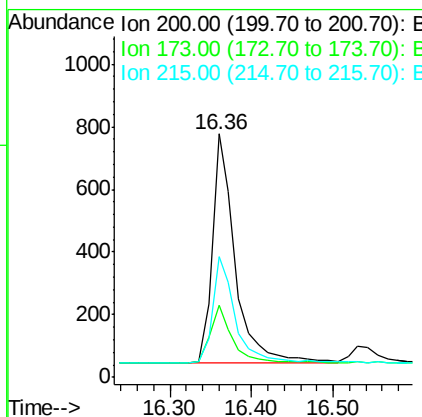
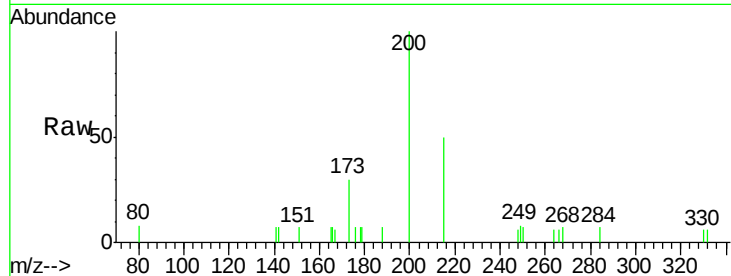




#23
Atrazine
Concen: 0.379 ng
RT: 16.36 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BN011232.D
Acq: 22 Jul 2020 23:48

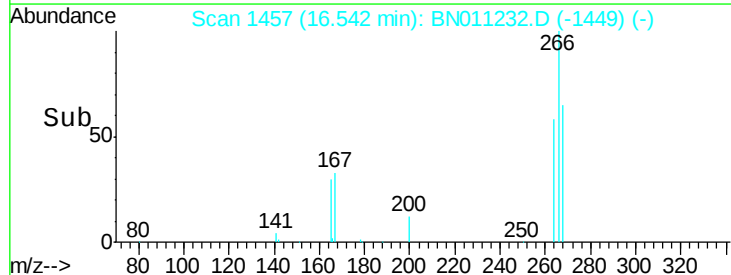
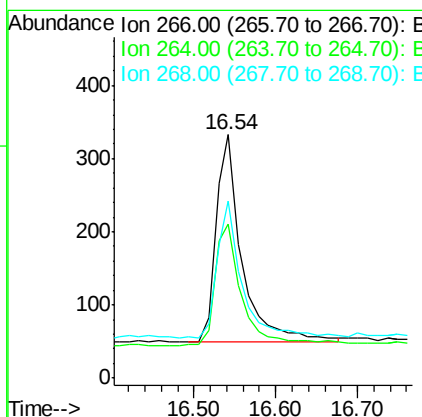
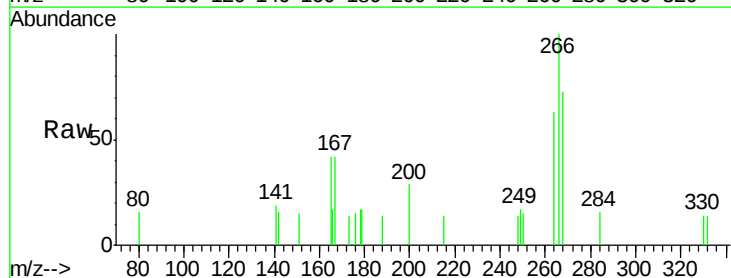
Instrument :
BNA_N
ClientSampleId :

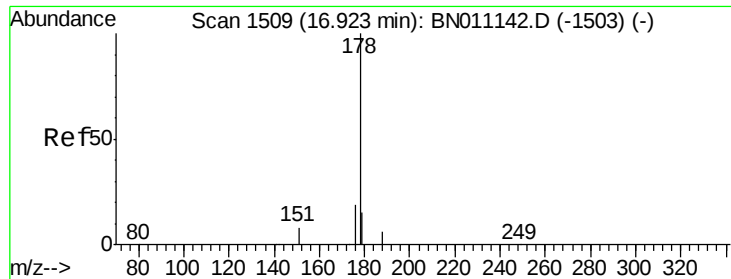
Tot Ion:200 Resp: 1433
Ion Ratio Lower Upper
200 100
173 29.9 23.0 34.4
215 49.7 42.6 63.8



#24
Pentachlorophenol
Concen: 0.333 ng
RT: 16.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BN011232.D
Acq: 22 Jul 2020 23:48

Tgt Ion:266 Resp: 620
Ion Ratio Lower Upper
266 100
264 62.3 52.5 78.7
268 65.2 48.9 73.3





#25

Phenanthrene

Concen: 0.374 ng

RT: 16.91 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :

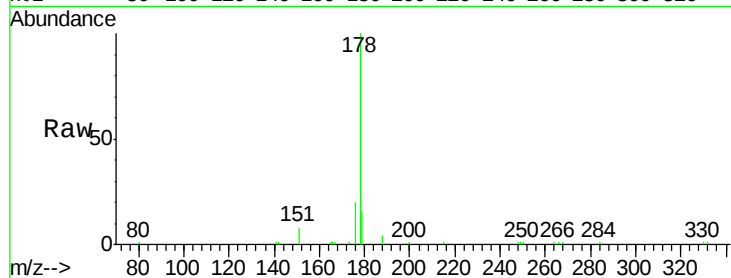
Tot Ion:178 Resp: 9543

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

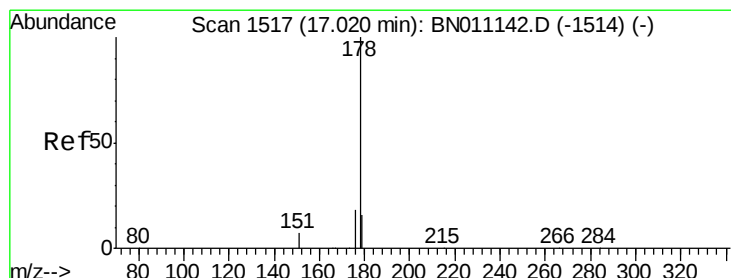
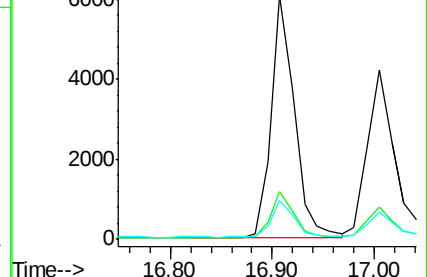
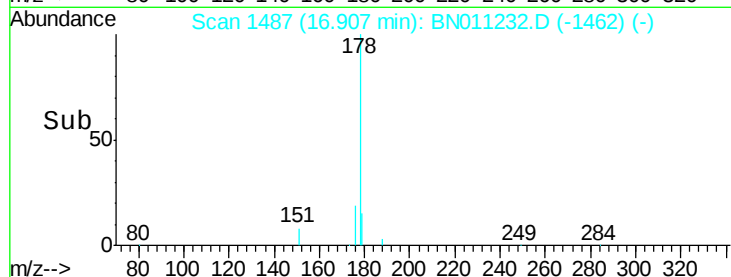
179 15.4 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#26

Anthracene

Concen: 0.363 ng

RT: 17.00 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

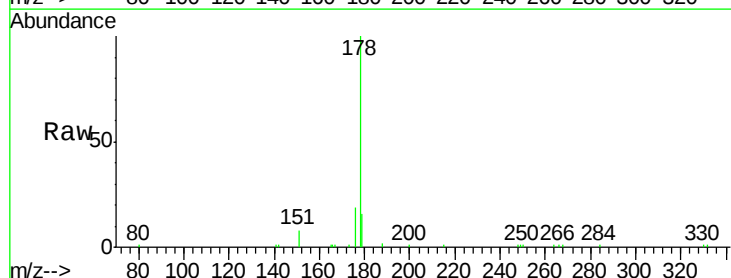
Tgt Ion:178 Resp: 7692

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

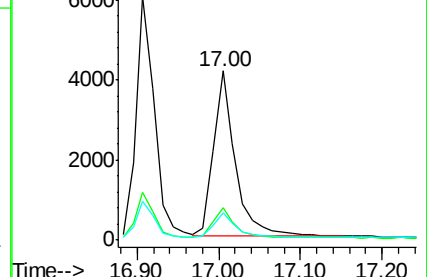
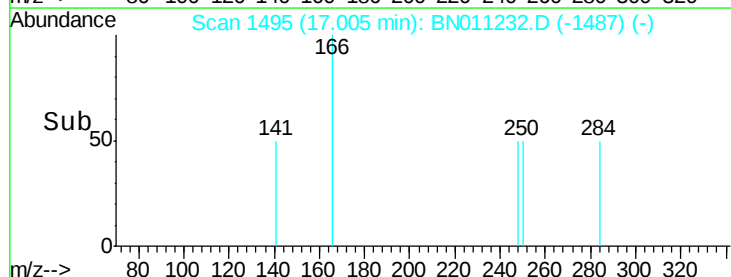
179 15.1 12.0 18.0

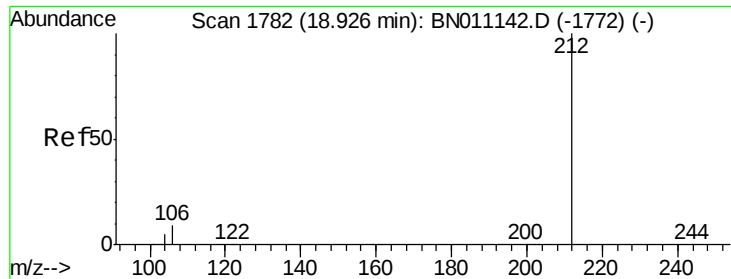


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

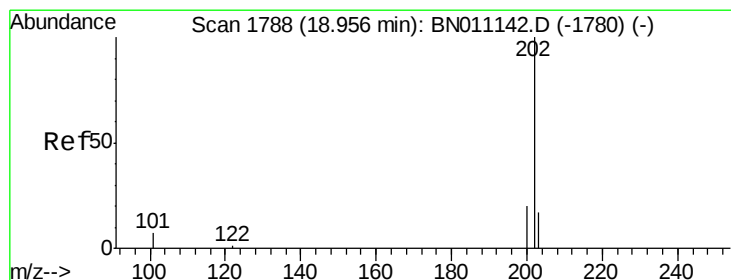
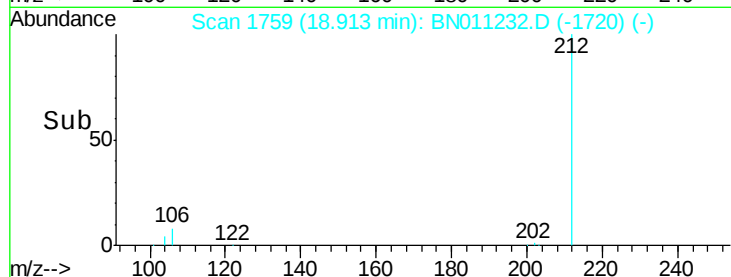
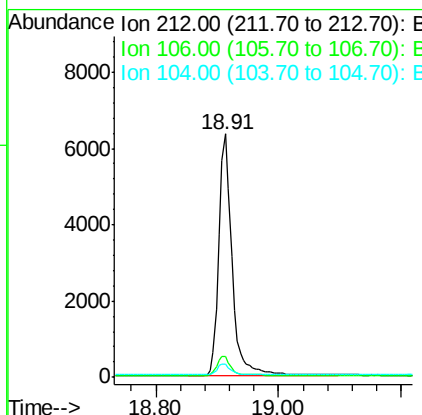
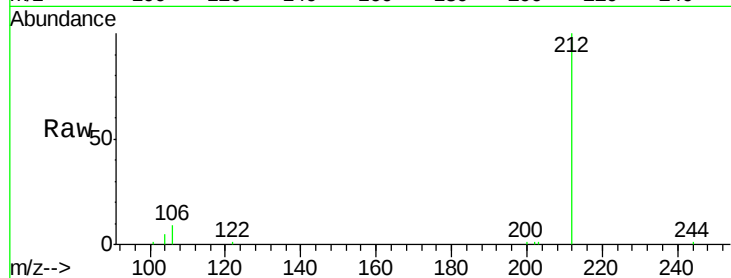




#27
 Fluoranthene-d10
 Concen: 0.383 ng
 RT: 18.91 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BN011232.D
 Acq: 22 Jul 2020 23:48

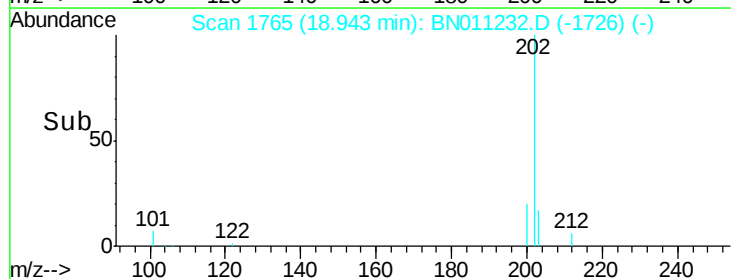
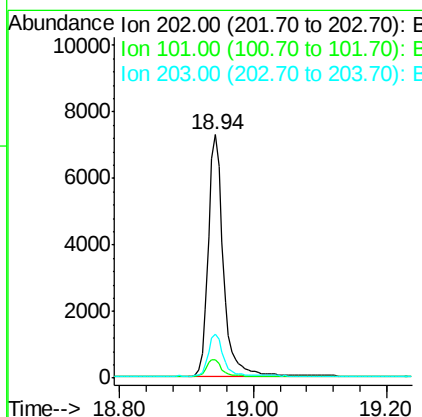
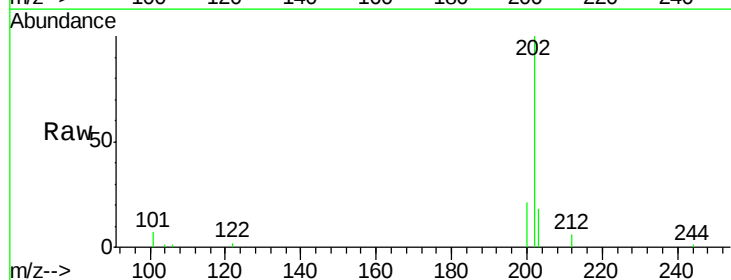
Instrument :
 BNA_N
 ClientSampleId :

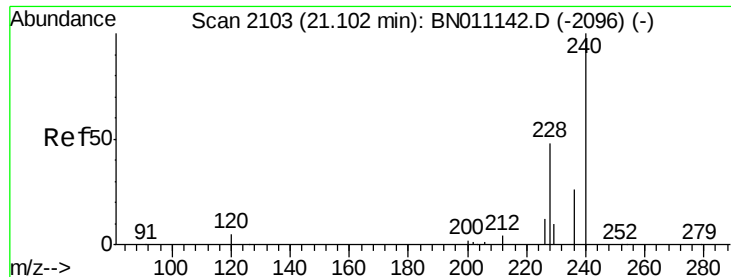
Tot Ion:212 Resp: 9587
 Ion Ratio Lower Upper
 212 100
 106 8.2 7.0 10.6
 104 4.8 4.2 6.4



#28
 Fluoranthene
 Concen: 0.374 ng
 RT: 18.94 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BN011232.D
 Acq: 22 Jul 2020 23:48

Tgt Ion:202 Resp: 11434
 Ion Ratio Lower Upper
 202 100
 101 7.2 5.9 8.9
 203 16.9 13.6 20.4

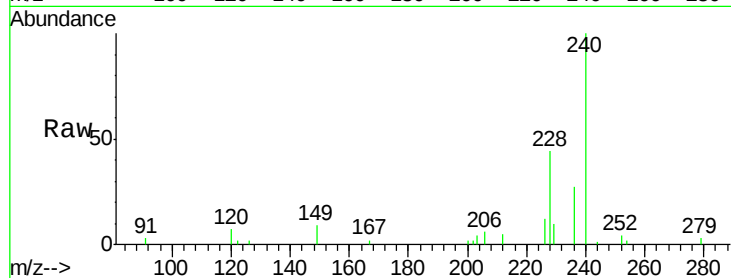




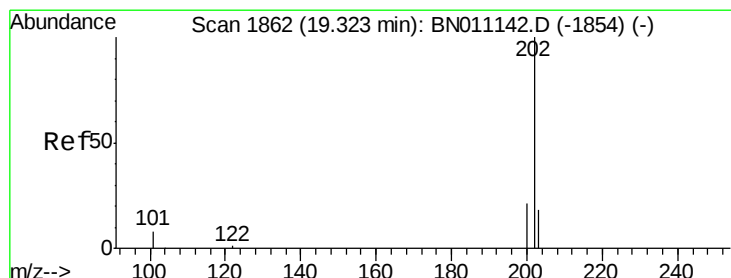
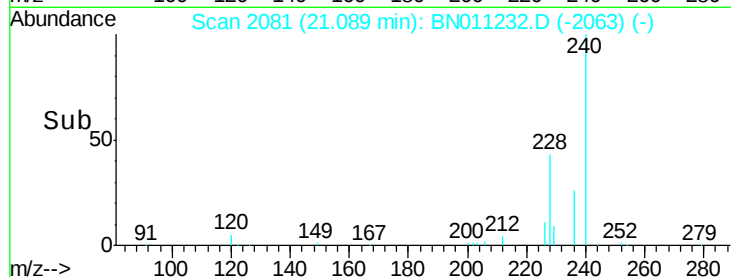
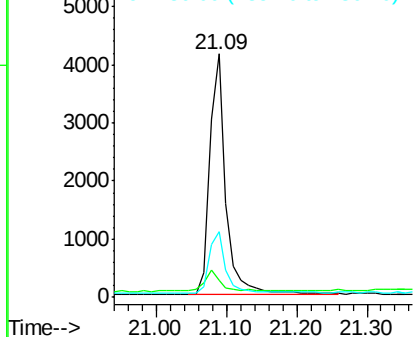
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.09 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BN011232.D
Acq: 22 Jul 2020 23:48

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 6662
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 26.8 21.9 32.9

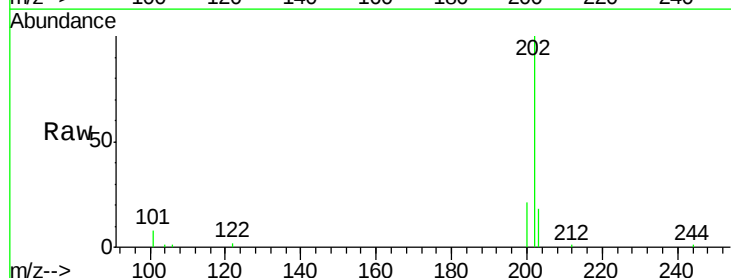


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

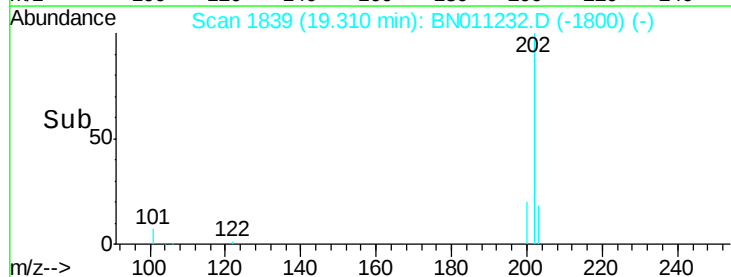
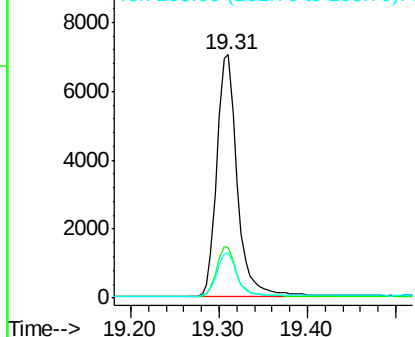


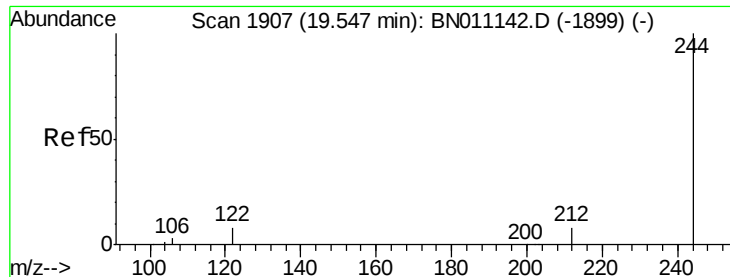
#30
Pyrene
Concen: 0.442 ng
RT: 19.31 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BN011232.D
Acq: 22 Jul 2020 23:48

Tgt Ion:202 Resp: 11246
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.5 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.444 ng

RT: 19.53 min Scan# 1883

Delta R.T. -0.01 min

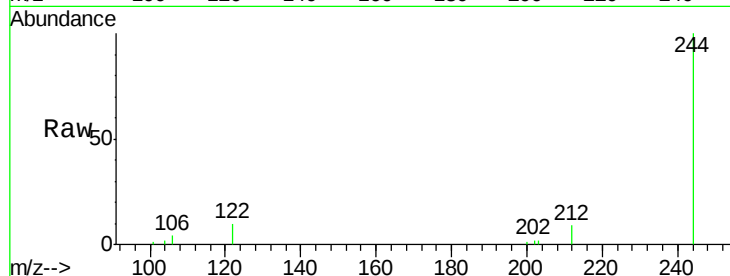
Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :



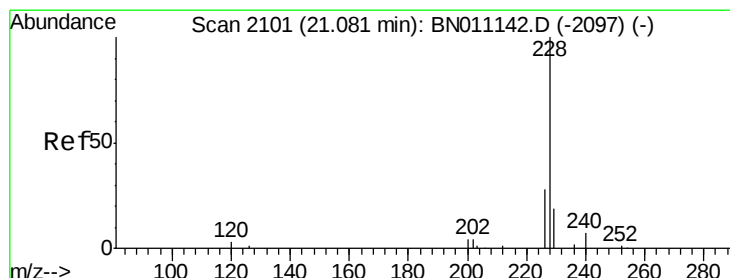
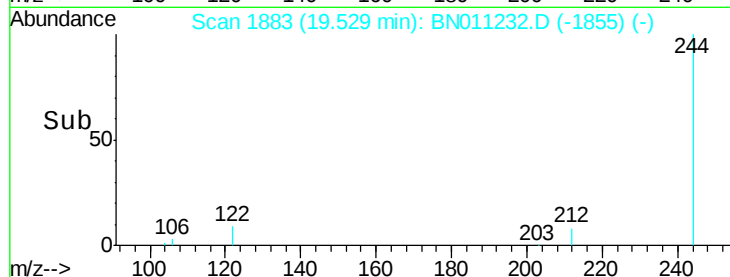
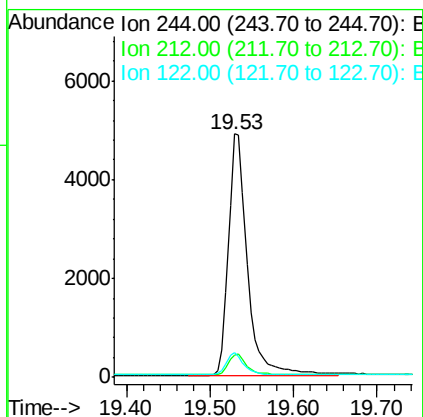
Tot Ion:244 Resp: 7701

Ion Ratio Lower Upper

244 100

212 9.3 7.8 11.6

122 10.1 7.4 11.0



#32

Benzo(a)anthracene

Concen: 0.396 ng

RT: 21.07 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

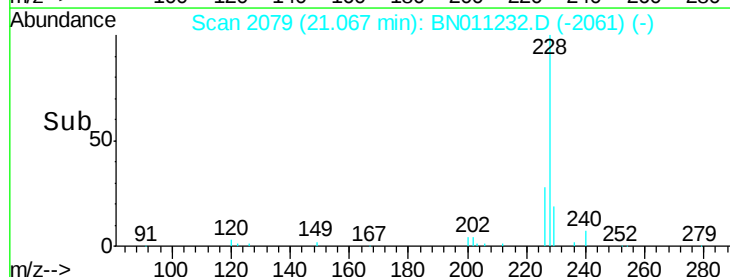
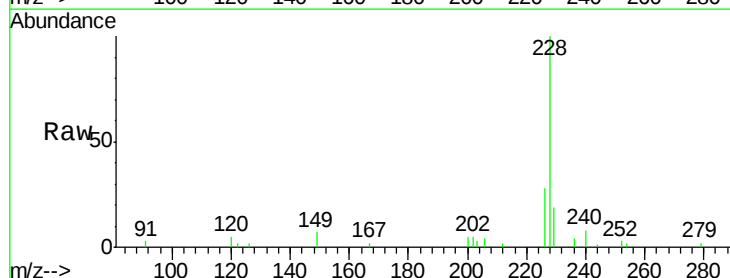
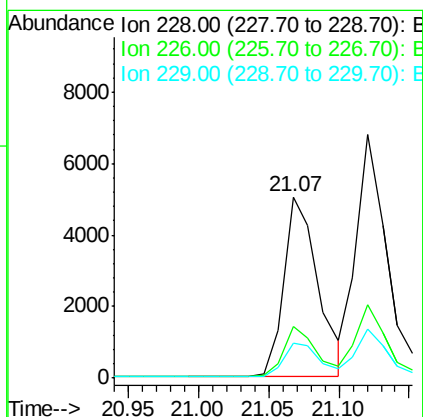
Tgt Ion:228 Resp: 8537

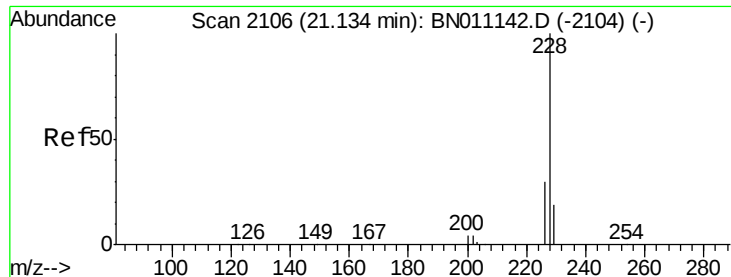
Ion Ratio Lower Upper

228 100

226 28.3 23.2 34.8

229 19.3 16.2 24.4





#33

Chrysene

Concen: 0.389 ng

RT: 21.12 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :

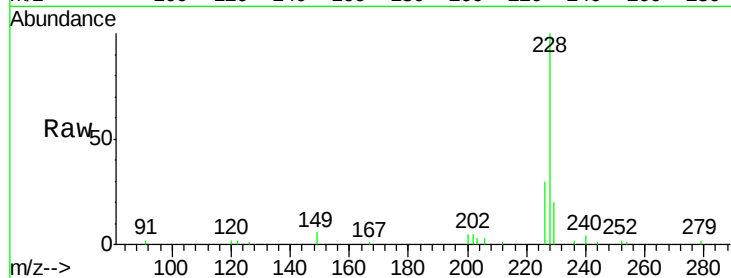
Tot Ion:228 Resp: 10253

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

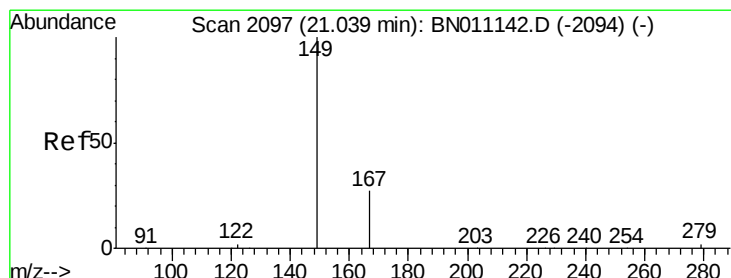
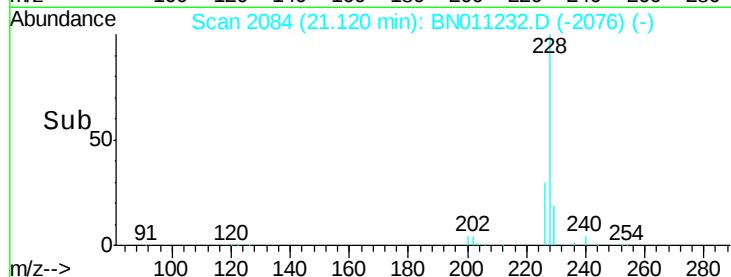
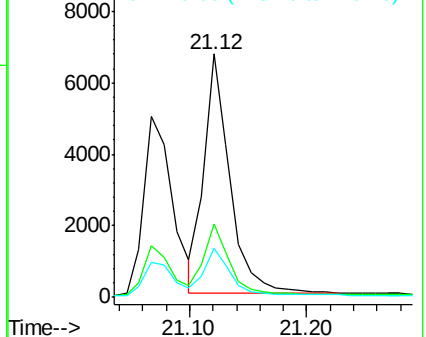
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.469 ng

RT: 21.02 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

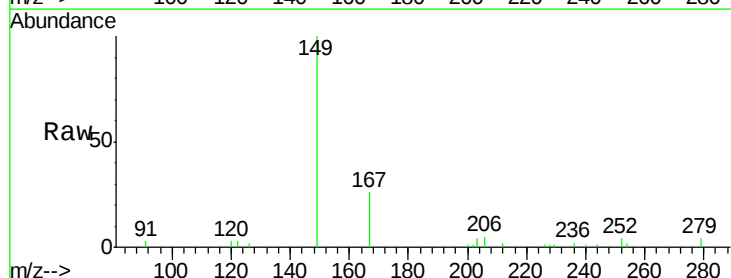
Tgt Ion:149 Resp: 4168

Ion Ratio Lower Upper

149 100

167 27.0 23.4 35.0

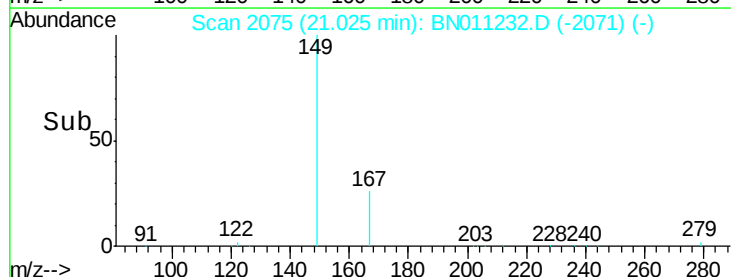
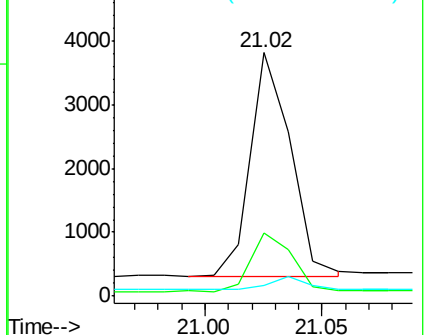
279 5.4 4.5 6.7

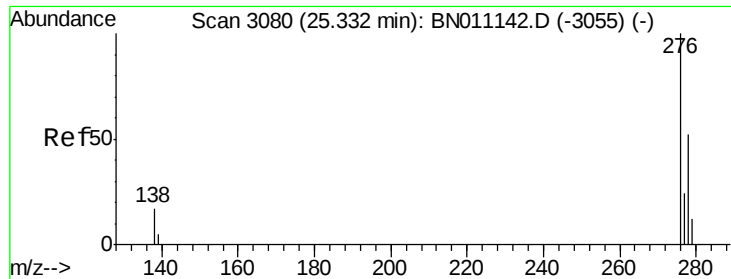


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

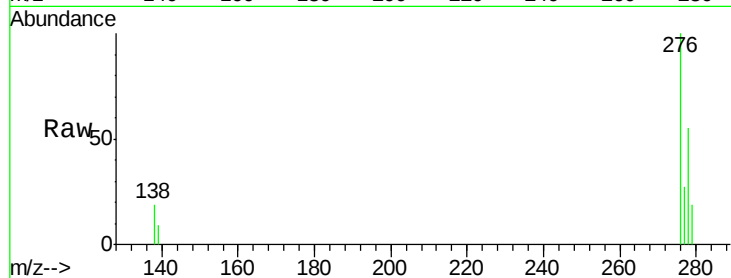




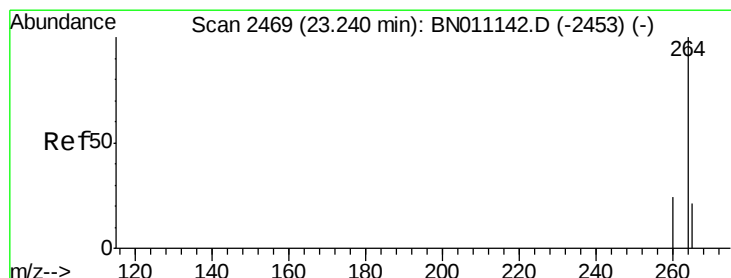
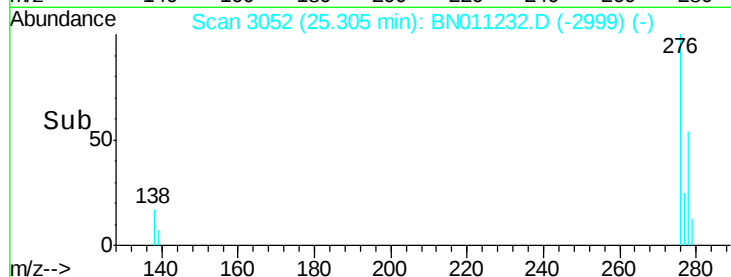
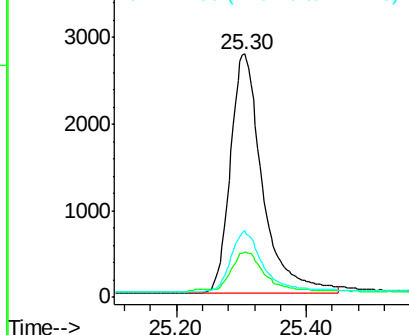
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.339 ng
 RT: 25.30 min Scan# 3052
 Delta R.T. -0.02 min
 Lab File: BN011232.D
 Acq: 22 Jul 2020 23:48

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 9520
 Ion Ratio Lower Upper
 276 100
 138 16.3 13.0 19.6
 277 24.6 19.7 29.5

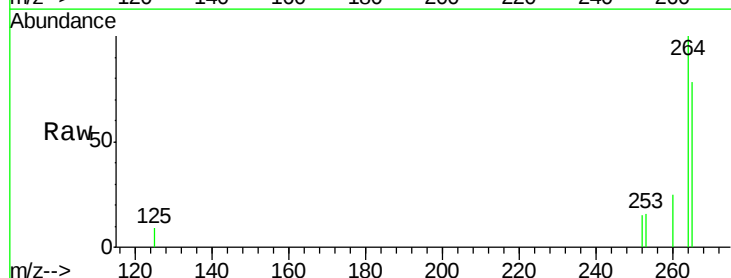


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

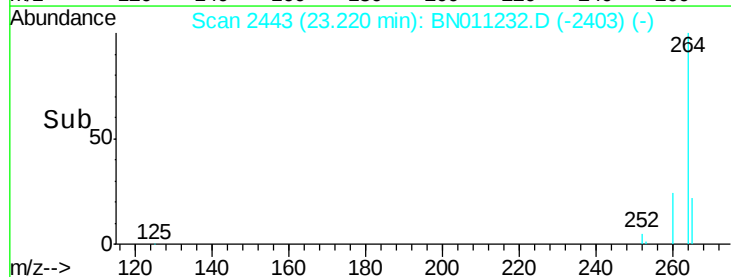
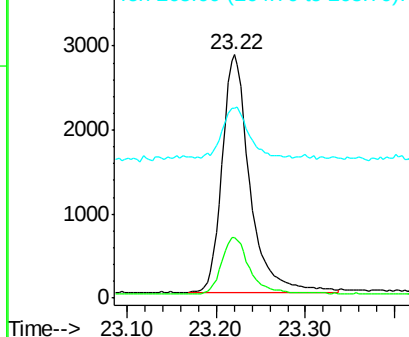


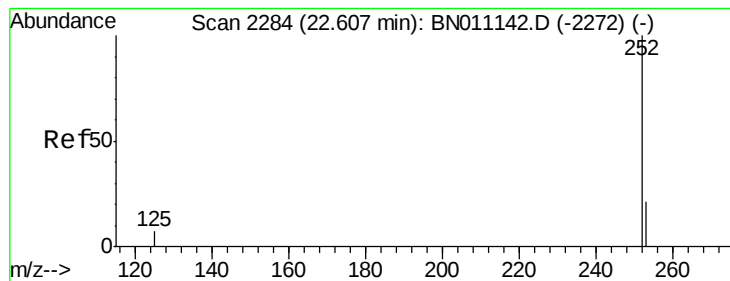
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BN011232.D
 Acq: 22 Jul 2020 23:48

Tgt Ion:264 Resp: 6155
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 77.8 76.6 115.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.360 ng

RT: 22.59 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :

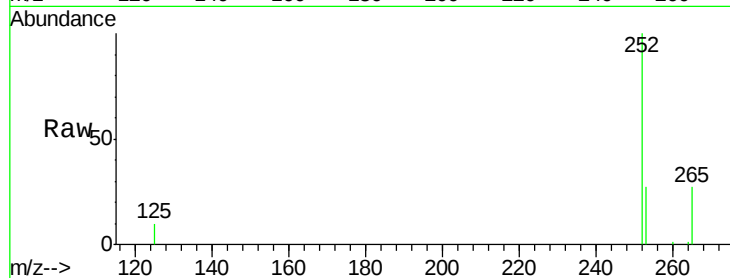
Tot Ion:252 Resp: 8889

Ion Ratio Lower Upper

252 100

253 27.3 22.6 34.0

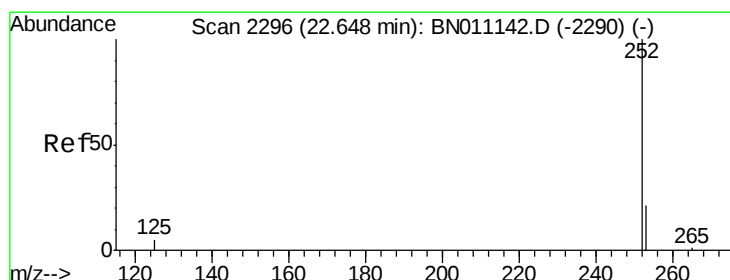
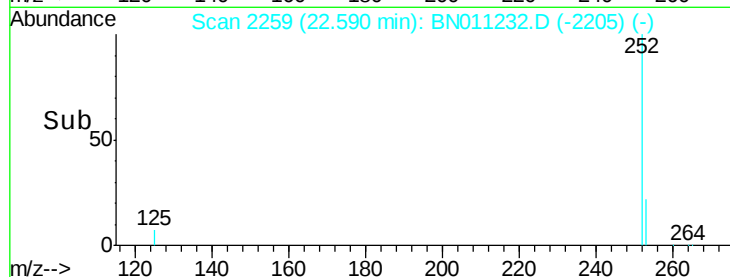
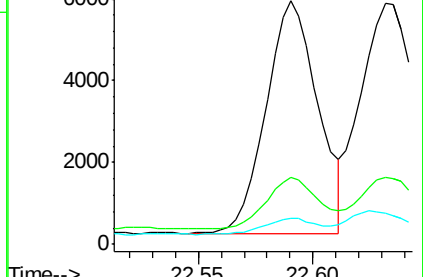
125 10.5 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(k)fluoranthene

Concen: 0.383 ng

RT: 22.63 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

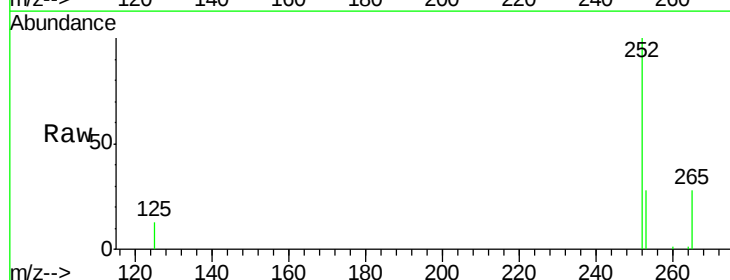
Tgt Ion:252 Resp: 10690

Ion Ratio Lower Upper

252 100

253 27.5 22.2 33.4

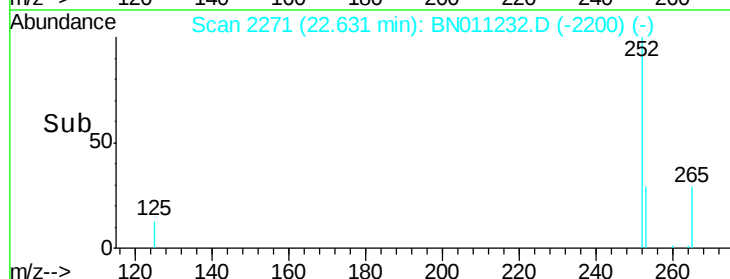
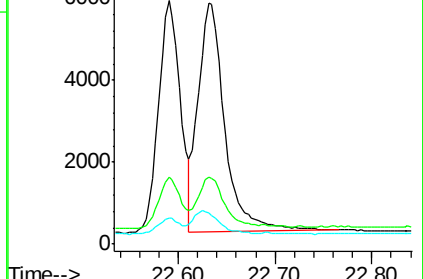
125 12.8 11.0 16.4

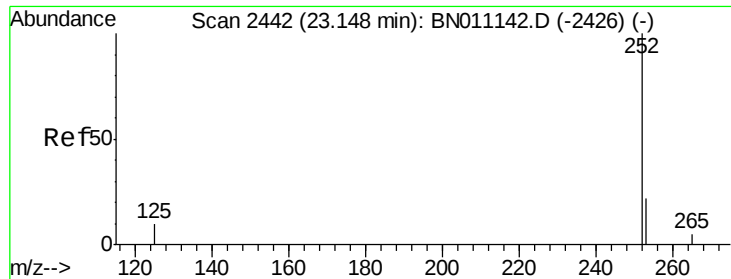


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.340 ng

RT: 23.13 min Scan# 2416

Delta R.T. -0.02 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :

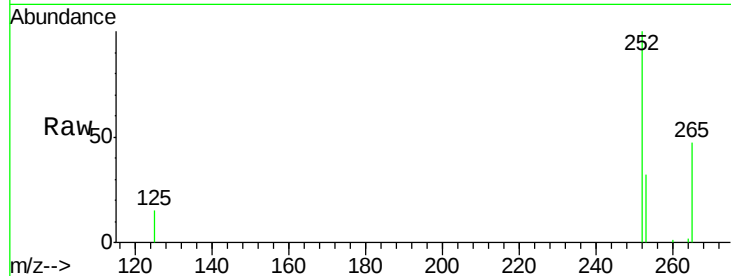
Tot Ion:252 Resp: 7559

Ion Ratio Lower Upper

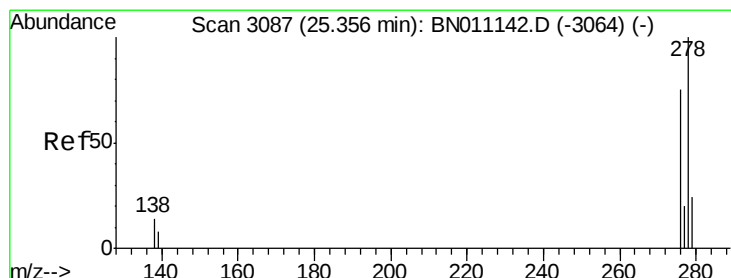
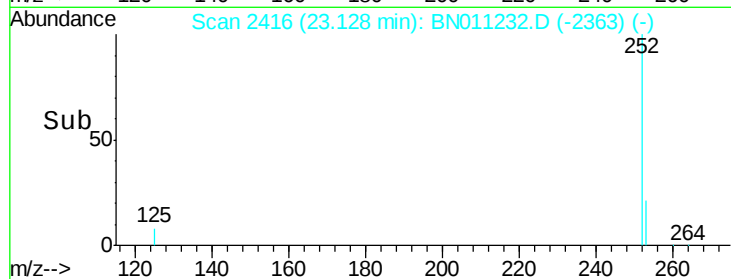
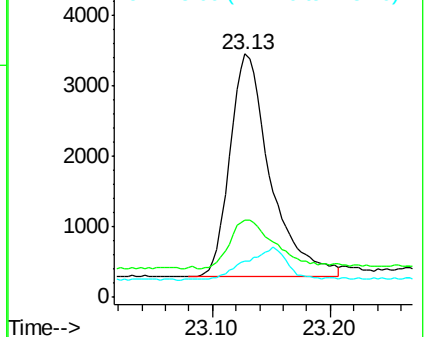
252 100

253 31.7 25.8 38.6

125 14.8 13.4 20.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 0.317 ng

RT: 25.32 min Scan# 3056

Delta R.T. -0.02 min

Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

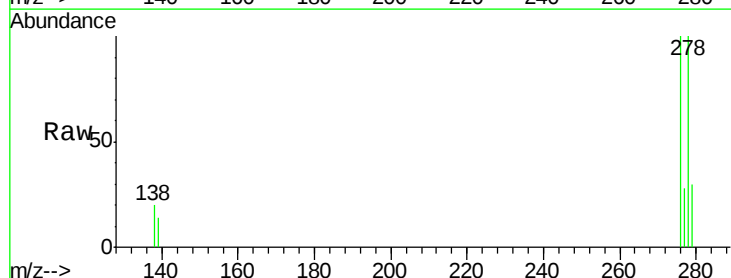
Tgt Ion:278 Resp: 7488

Ion Ratio Lower Upper

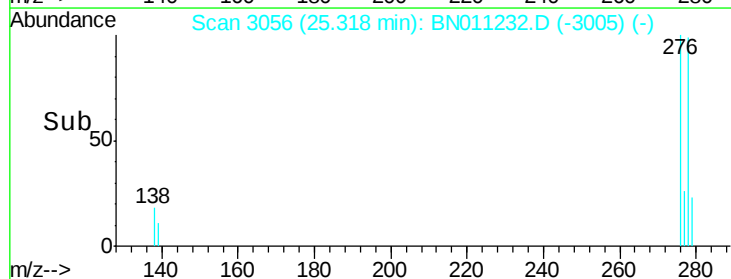
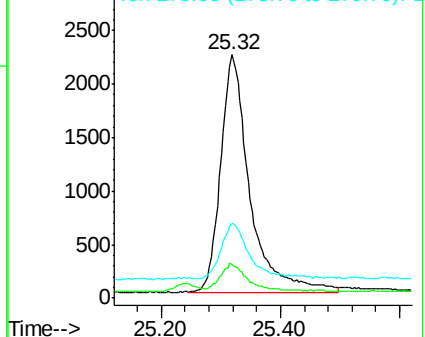
278 100

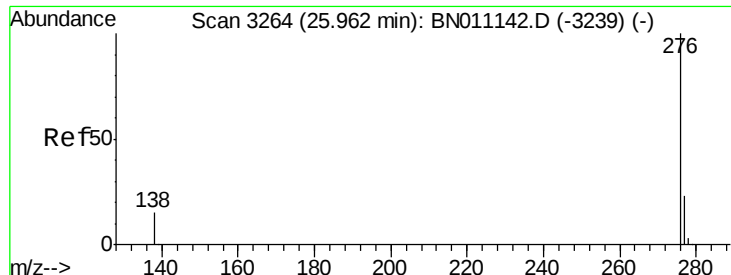
139 13.9 11.7 17.5

279 30.5 25.0 37.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.319 ng

RT: 25.92 min Scan# 3233

Delta R.T. -0.02 min

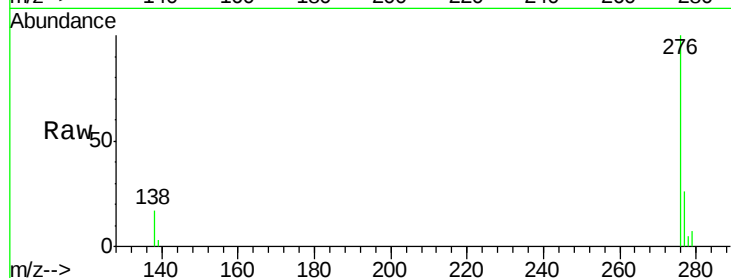
Lab File: BN011232.D

Acq: 22 Jul 2020 23:48

Instrument :

BNA_N

ClientSampleId :



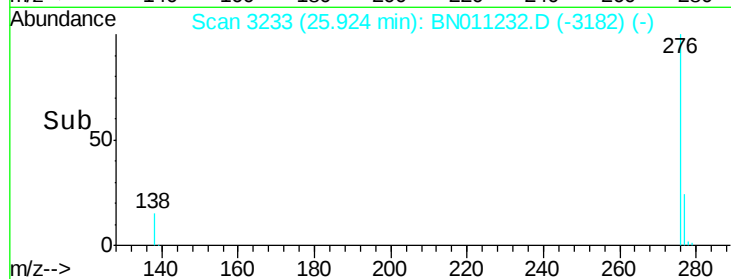
Tot Ion: 276 Resp: 8271

Ion Ratio Lower Upper

276 100

277 26.0 20.5 30.7

138 17.3 13.8 20.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

