

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083019\
 Data File : BN007522.D
 Acq On : 30 Aug 2019 14:14
 Operator : HP/JU
 Sample : PB122692BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 31 01:58:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5854	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	25415	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	15563	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	37241	0.40	ng	0.00
27) Chrysene-d12	21.02	240	35640	0.40	ng	0.00
34) Perylene-d12	23.12	264	33881	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	6641	0.32	ng	0.00
5) Phenol-d6	6.59	99	8710	0.33	ng	0.00
8) Nitrobenzene-d5	8.53	82	6464	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	16353	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	2850	0.35	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	20612	0.33	ng	0.00
25) Fluoranthene-d10	18.84	212	40066	0.33	ng	-0.01
29) Terphenyl-d14	19.46	244	32382	0.35	ng	-0.01

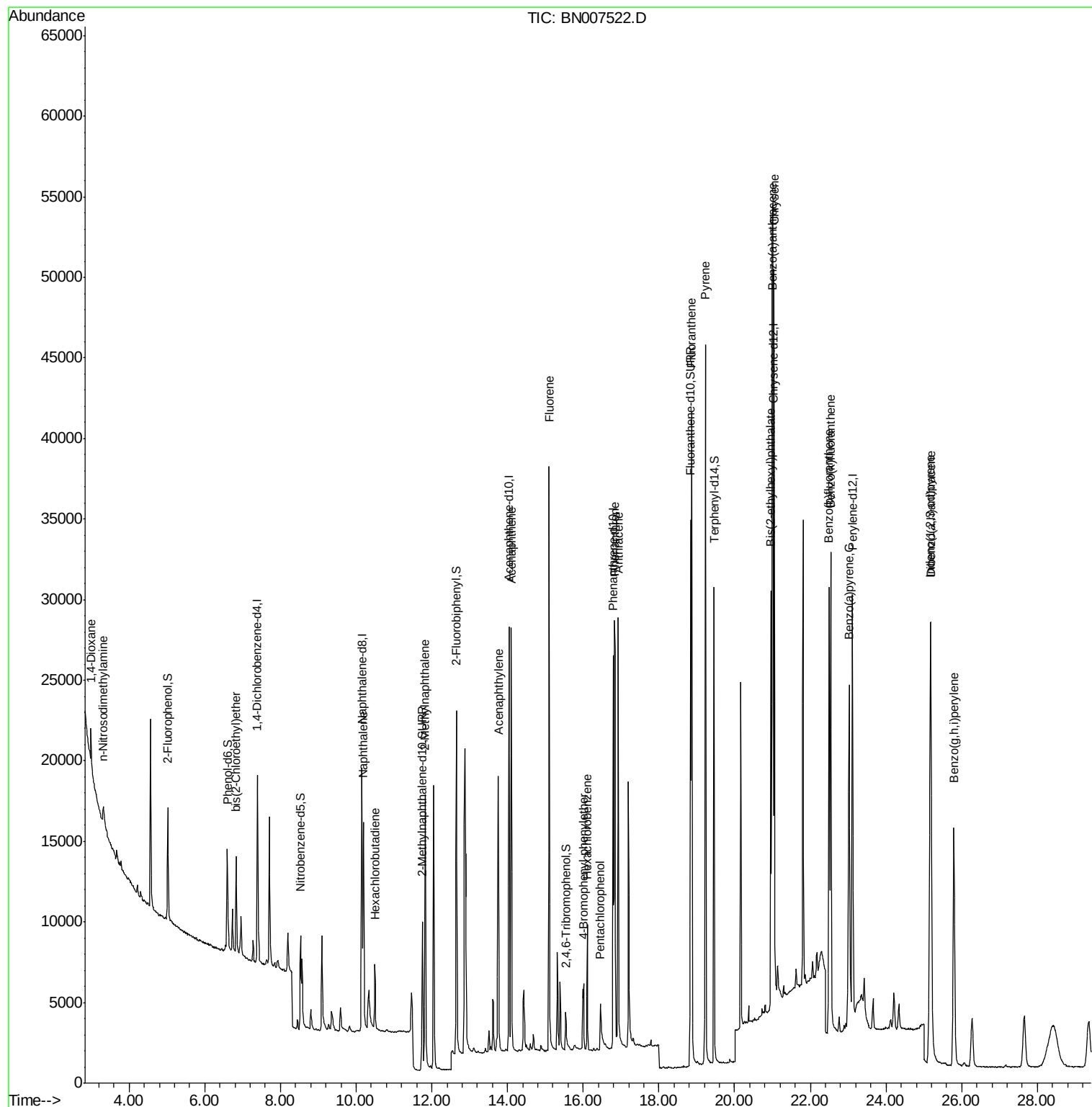
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.99	88	1906	0.196	ng	# 55
3) n-Nitrosodimethylamine	3.31	42	841	0.186	ng	# 45
6) bis(2-Chloroethyl)ether	6.83	93	5674	0.268	ng	95
9) Naphthalene	10.19	128	19313	0.266	ng	# 92
10) Hexachlorobutadiene	10.49	225	3465	0.233	ng	# 99
12) 2-Methylnaphthalene	11.82	142	13791	0.279	ng	97
16) Acenaphthylene	13.76	152	22930	0.249	ng	99
17) Acenaphthene	14.10	154	13981	0.260	ng	98
18) Fluorene	15.09	166	18582	0.273	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	1596	0.109	ng	# 86
21) Hexachlorobenzene	16.10	284	6431	0.258	ng	95
22) Pentachlorophenol	16.45	266	3115	0.402	ng	# 64
23) Phenanthrene	16.83	178	30623	0.273	ng	99
24) Anthracene	16.92	178	29374	0.261	ng	100
26) Fluoranthene	18.86	202	39068	0.272	ng	99
28) Pyrene	19.23	202	39636	0.276	ng	99
30) Benzo(a)anthracene	20.99	228	36038	0.257	ng	100
31) Chrysene	21.05	228	35819	0.265	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	22909	0.234	ng	99
33) Indeno(1,2,3-cd)pyrene	25.17	276	35276	0.217	ng	97
35) Benzo(b)fluoranthene	22.50	252	34042	0.277	ng	98
36) Benzo(k)fluoranthene	22.54	252	35741	0.295	ng	99
37) Benzo(a)pyrene	23.02	252	31586	0.270	ng	98
38) Dibenzo(a,h)anthracene	25.19	278	28520	0.245	ng	96
39) Benzo(g,h,i)perylene	25.79	276	29647	0.255	ng	99

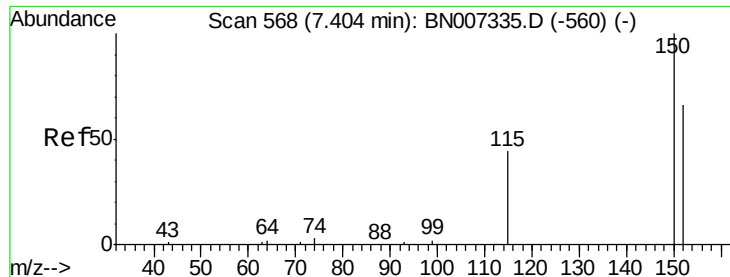
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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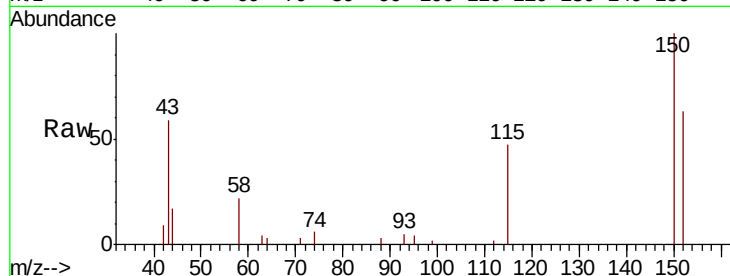


#1

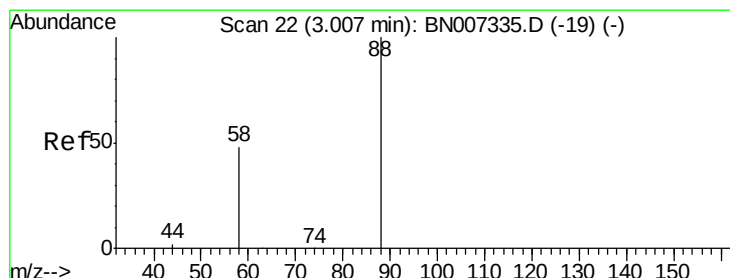
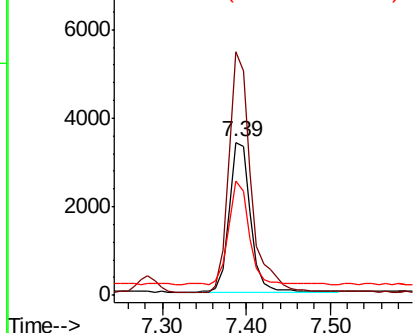
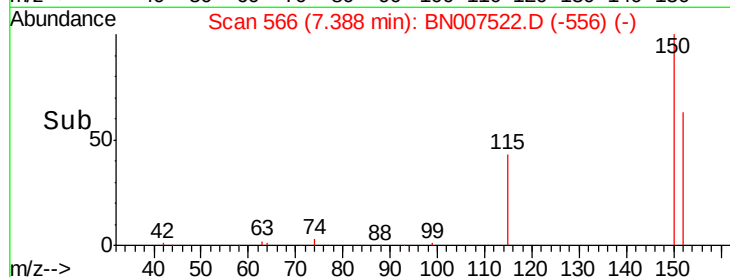
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5854
Ion Ratio Lower Upper
152 100
150 159.2 109.1 163.7
115 74.9 59.6 89.4



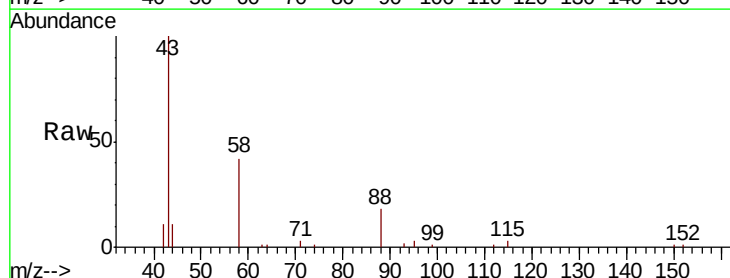
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



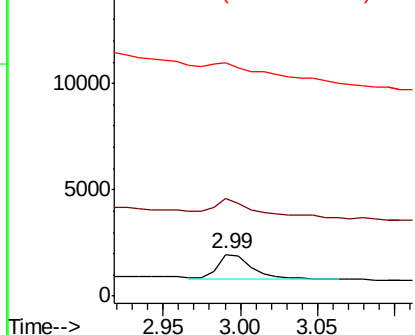
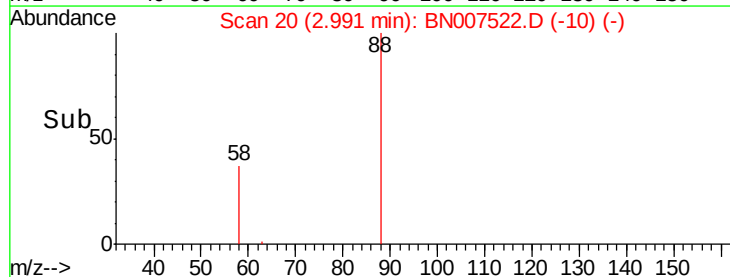
#2

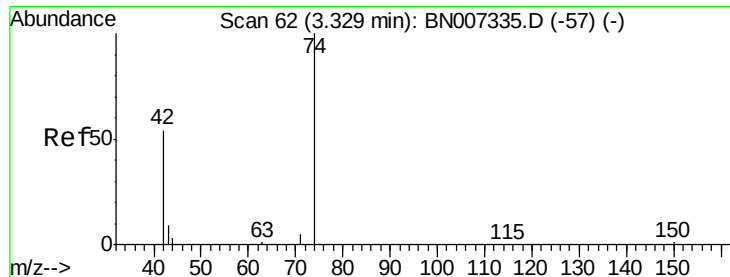
1,4-Dioxane
Concen: 0.196 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion: 88 Resp: 1906
Ion Ratio Lower Upper
88 100
58 98.2 50.5 75.7#
43 0.0 0.0 0.0



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



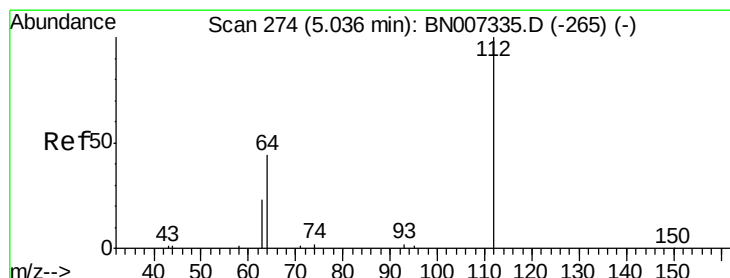
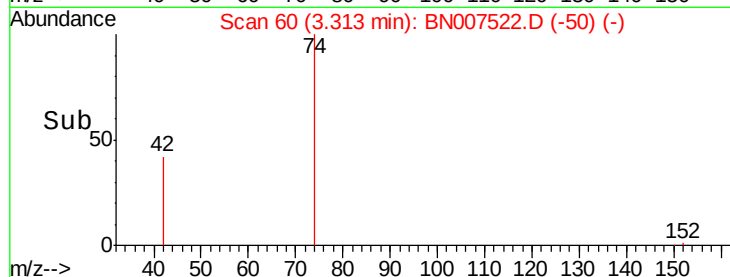
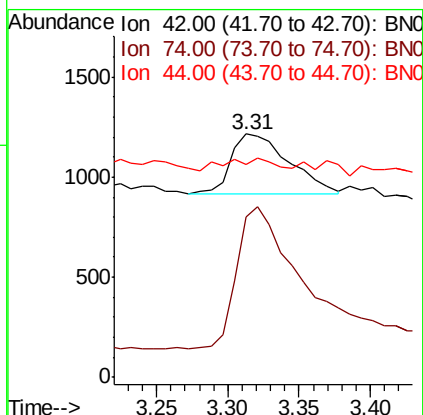
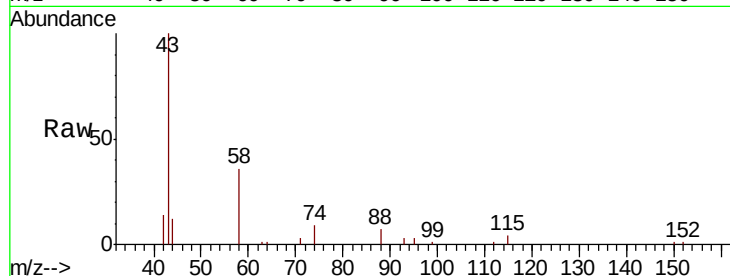


#3

n-Nitrosodimethylamine
 Concen: 0.186 ng
 RT: 3.31 min Scan# 60
 Delta R.T. -0.02 min
 Lab File: BN007522.D
 Acq: 30 Aug 2019 14:14

Instrument :
 BNA_N
 ClientSampleId :

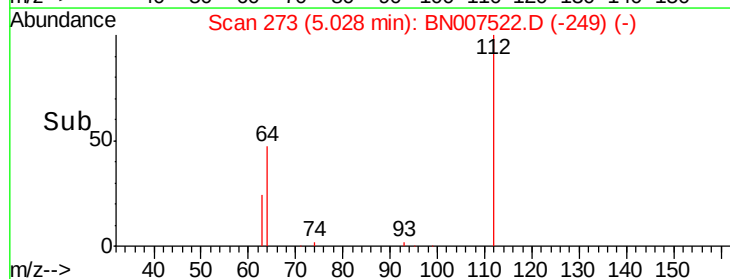
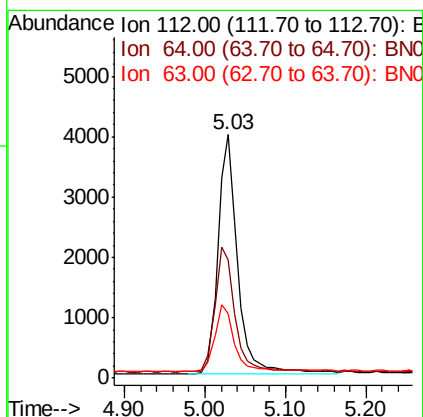
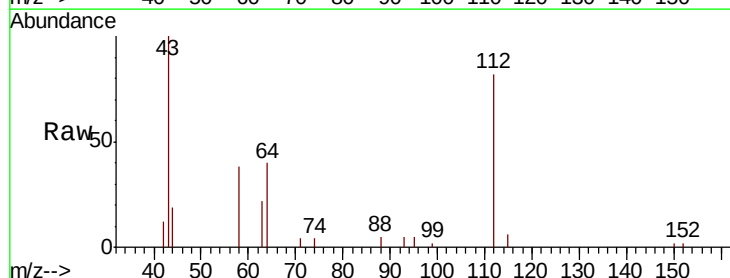
Tot Ion: 42 Resp: 841
 Ion Ratio Lower Upper
 42 100
 74 260.0 144.7 217.1#
 44 16.1 3.2 4.8#

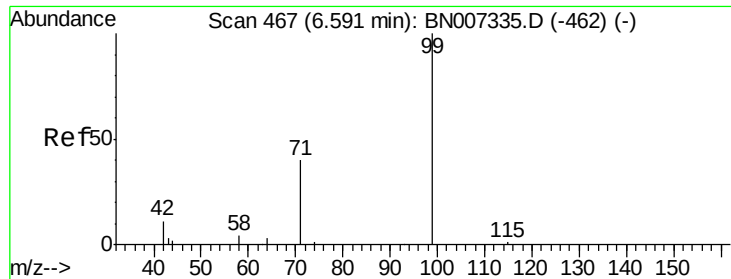


#4

2-Fluorophenol
 Concen: 0.321 ng
 RT: 5.03 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: BN007522.D
 Acq: 30 Aug 2019 14:14

Tgt Ion: 112 Resp: 6641
 Ion Ratio Lower Upper
 112 100
 64 53.6 42.3 63.5
 63 27.9 23.6 35.4





#5

Phenol-d6

Concen: 0.332 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampled :

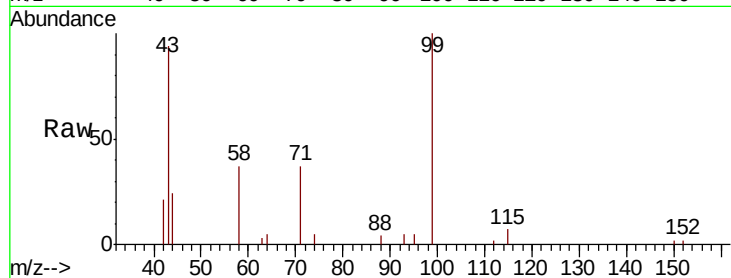
Tot Ion: 99 Resp: 8710

Ion Ratio Lower Upper

99 100

42 11.6 11.2 16.8

71 32.1 31.8 47.8



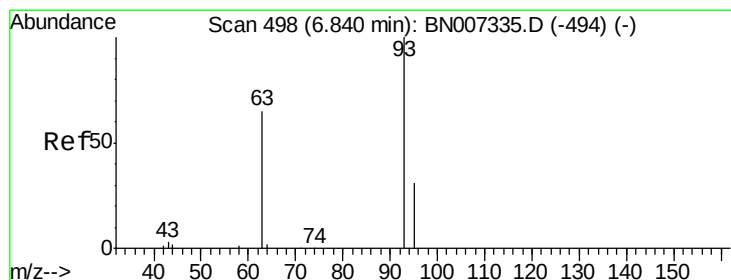
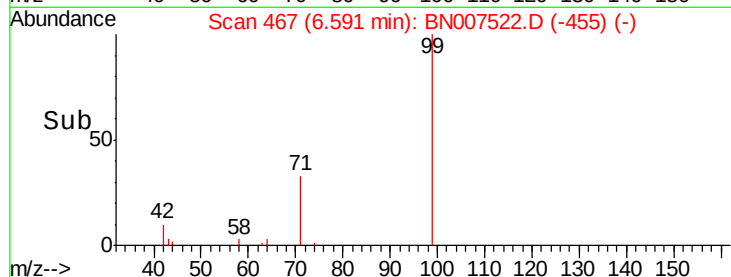
Abundance Ion 99.00 (98.70 to 99.70): BN007522.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BN007522.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BN007522.D (-455) (-)

6.59

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.268 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

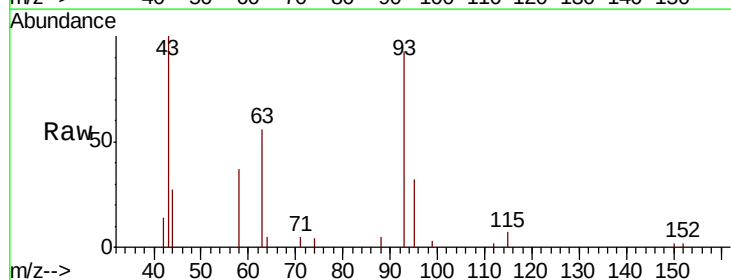
Tgt Ion: 93 Resp: 5674

Ion Ratio Lower Upper

93 100

63 61.5 51.9 77.9

95 30.7 27.7 41.5



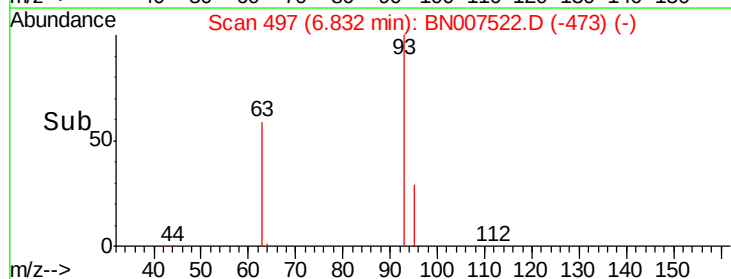
Abundance Ion 93.00 (92.70 to 93.70): BN007522.D (-473) (-)

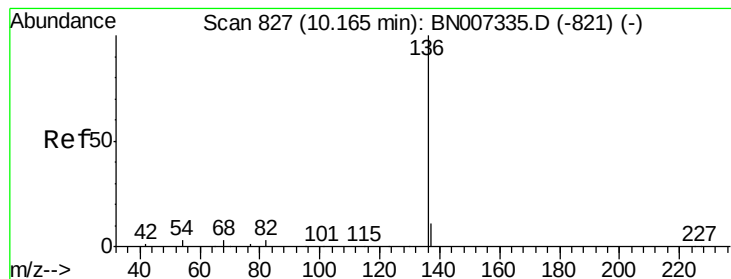
Ion 63.00 (62.70 to 63.70): BN007522.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007522.D (-473) (-)

6.83

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 25415

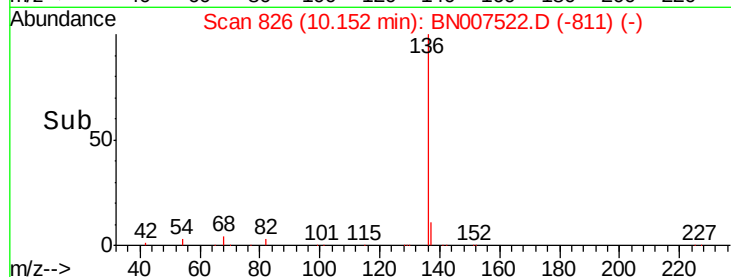
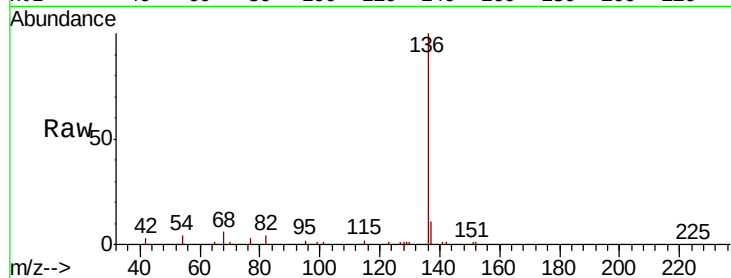
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 4.1 8.6 12.8#

68 5.8 17.0 25.4#



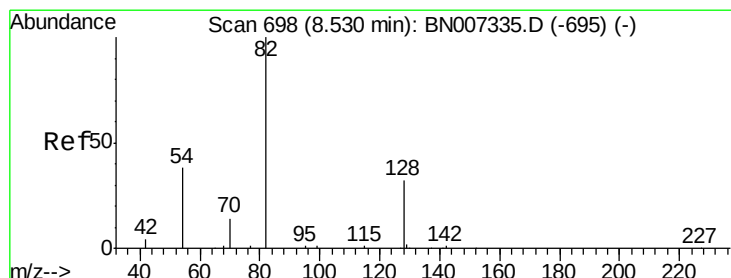
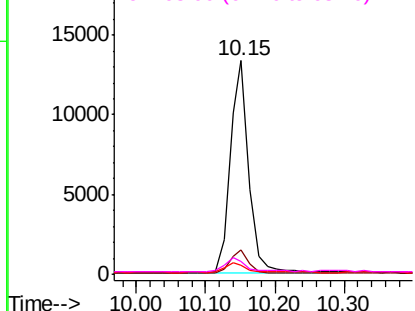
Abundance

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: 0.292 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

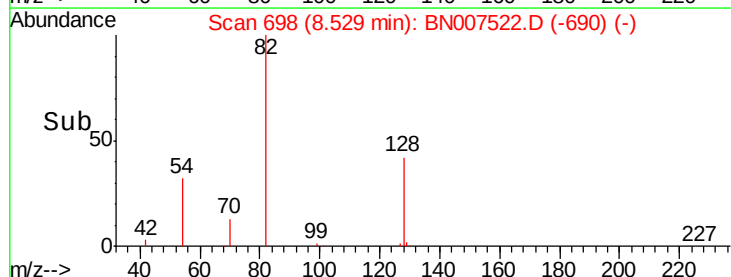
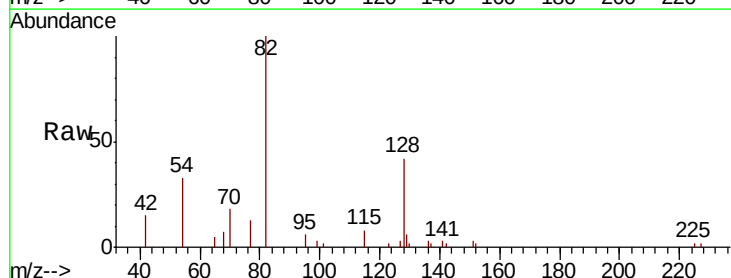
Tgt Ion: 82 Resp: 6464

Ion Ratio Lower Upper

82 100

128 41.5 19.7 29.5#

54 33.1 25.8 38.6

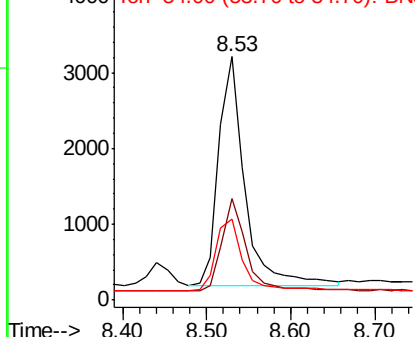


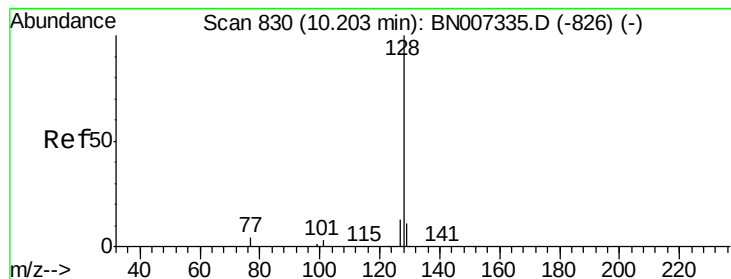
Abundance

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: 0.266 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampleId :

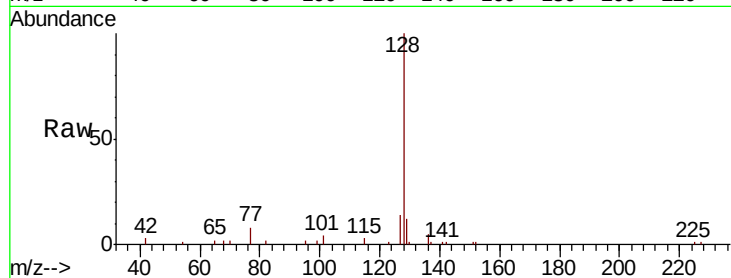
Tot Ion:128 Resp: 19313

Ion Ratio Lower Upper

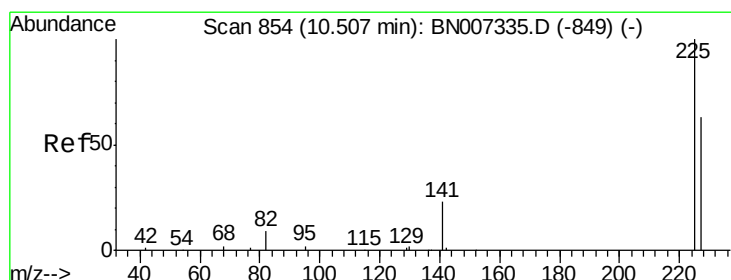
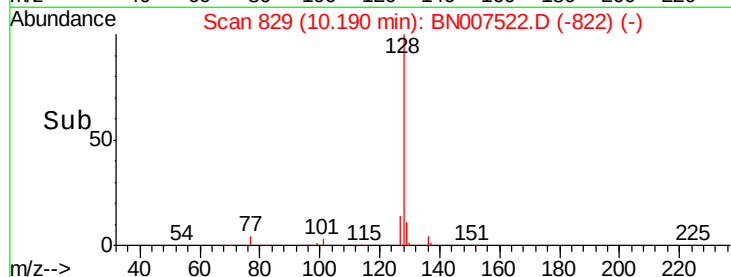
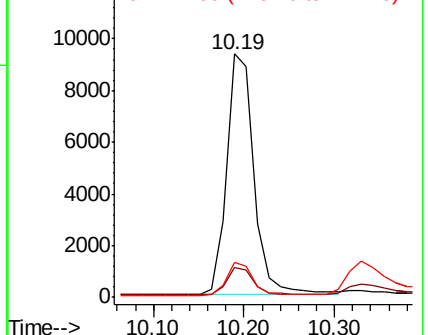
128 100

129 12.2 11.1 16.7

127 14.1 15.5 23.3#



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



#10

Hexachlorobutadiene

Concen: 0.233 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

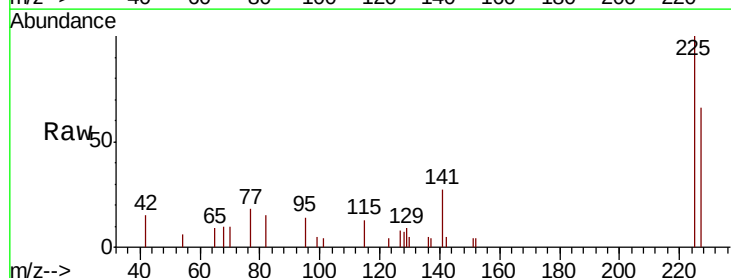
Tgt Ion:225 Resp: 3465

Ion Ratio Lower Upper

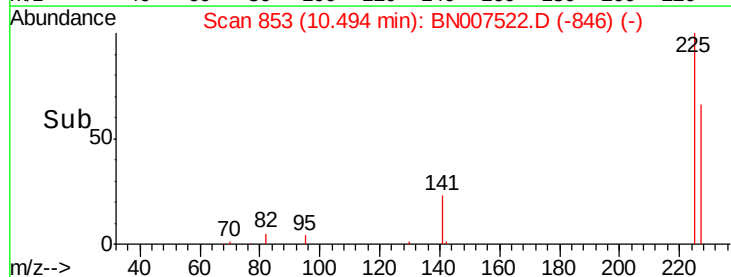
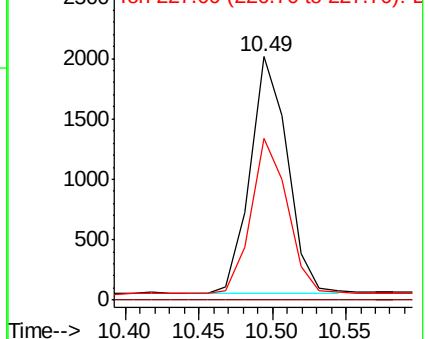
225 100

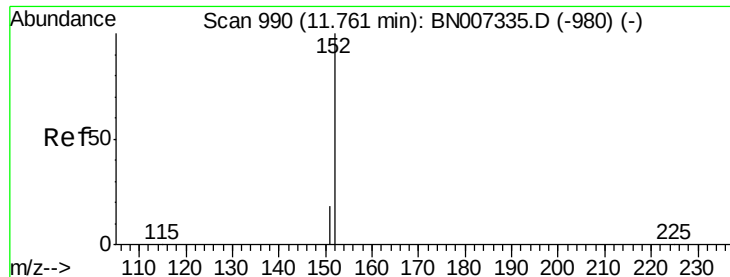
223 0.0 0.0 0.0

227 64.2 50.7 76.1



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





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

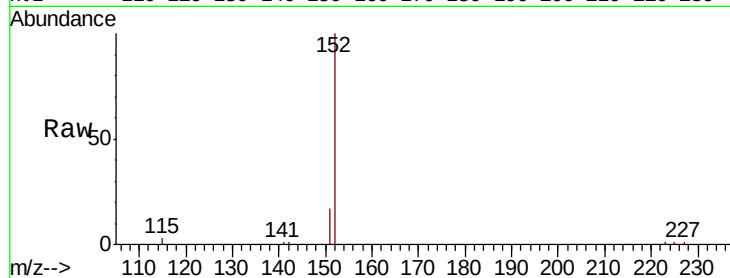
ClientSampleId :

Tot Ion:152 Resp: 16353

Ion Ratio Lower Upper

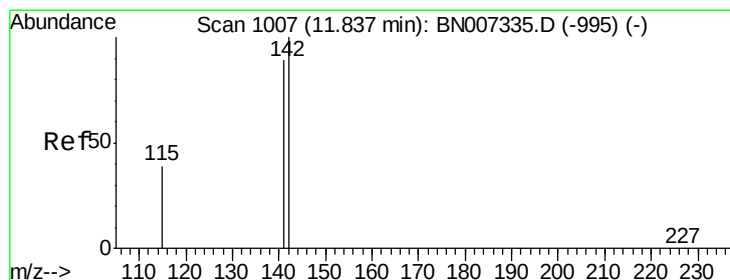
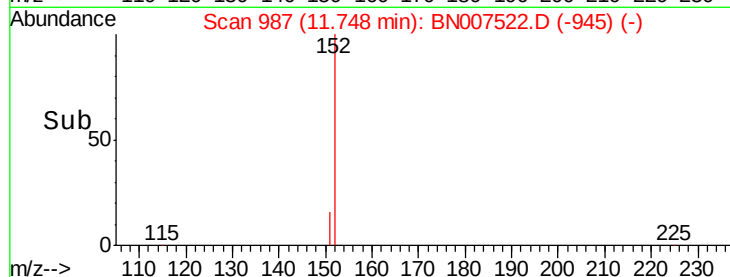
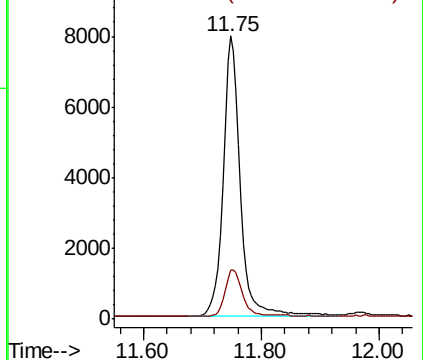
152 100

151 17.3 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.279 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

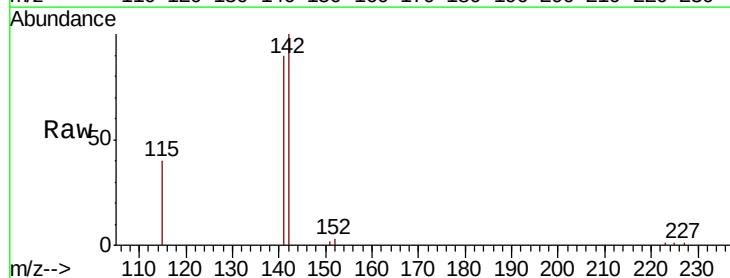
Tgt Ion:142 Resp: 13791

Ion Ratio Lower Upper

142 100

141 89.9 72.8 109.2

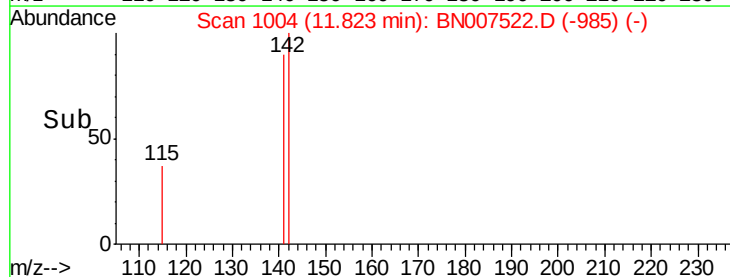
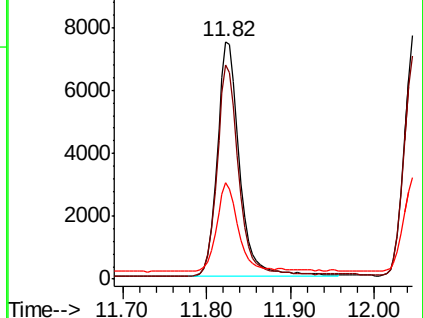
115 40.4 35.2 52.8

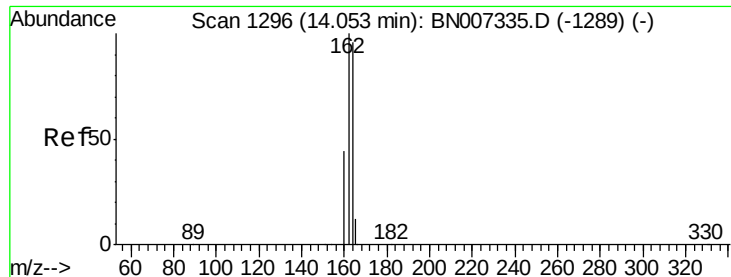


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampleId :

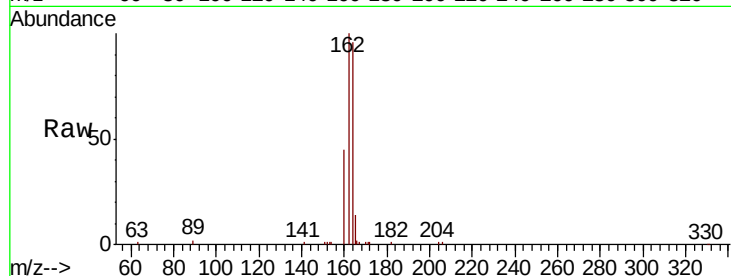
Tot Ion:164 Resp: 15563

Ion Ratio Lower Upper

164 100

162 104.5 83.5 125.3

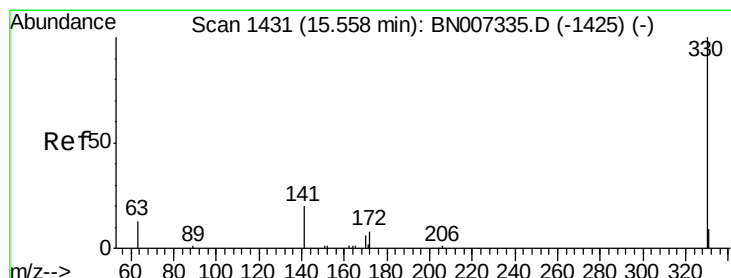
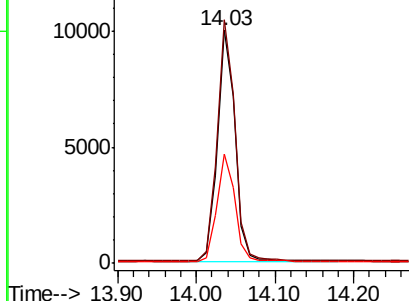
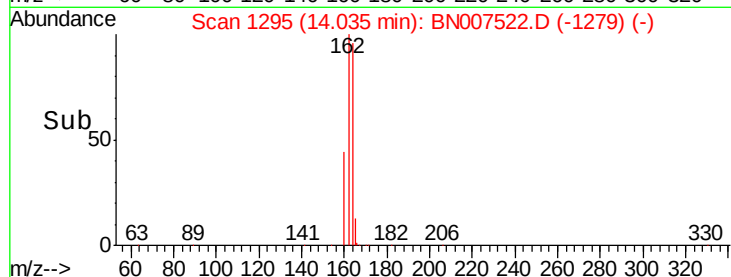
160 46.7 38.2 57.4



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: 0.350 ng

RT: 15.54 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

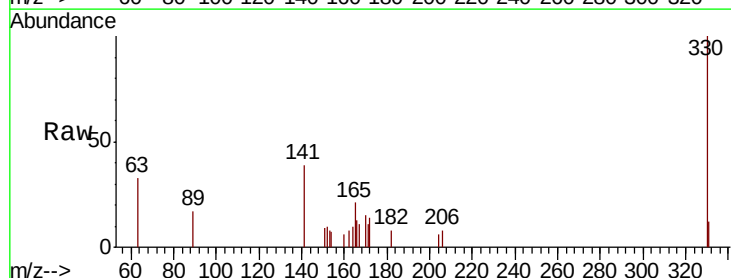
Tgt Ion:330 Resp: 2850

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

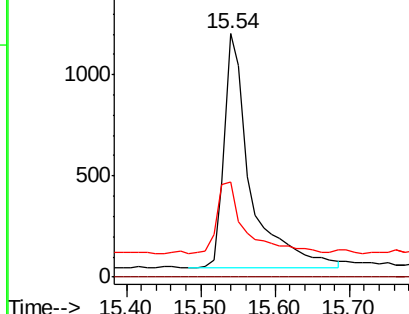
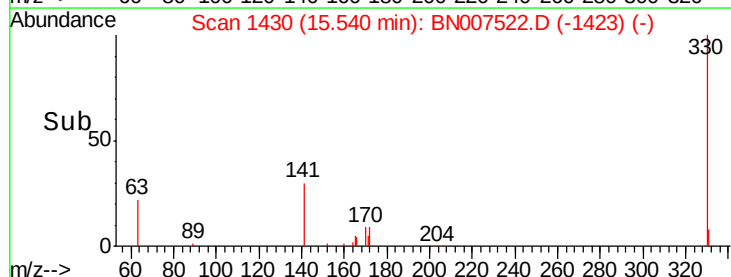
141 32.2 26.9 40.3

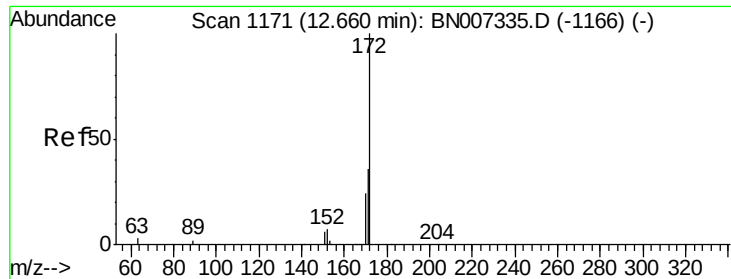


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

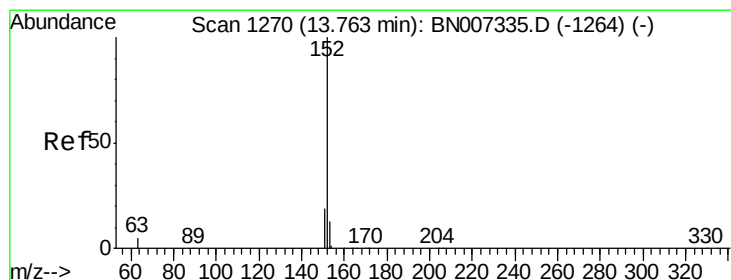
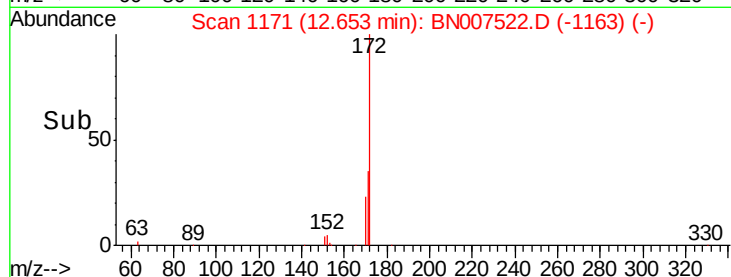
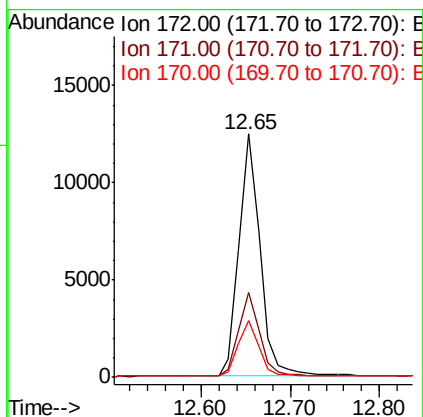
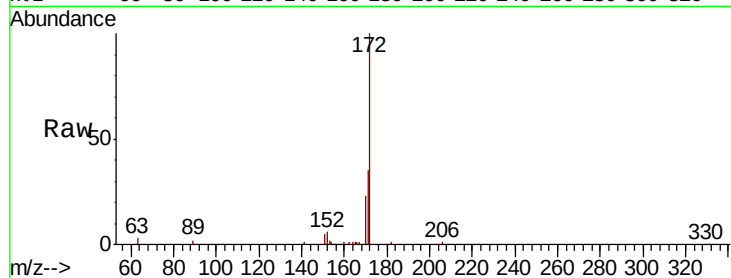




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

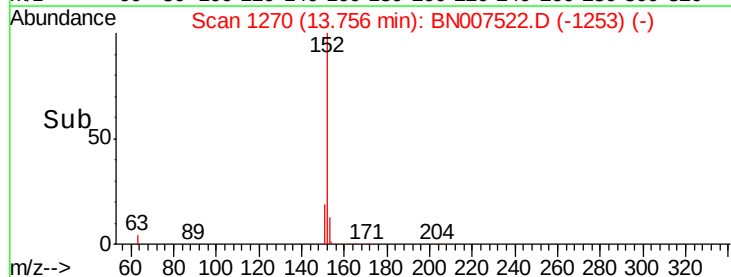
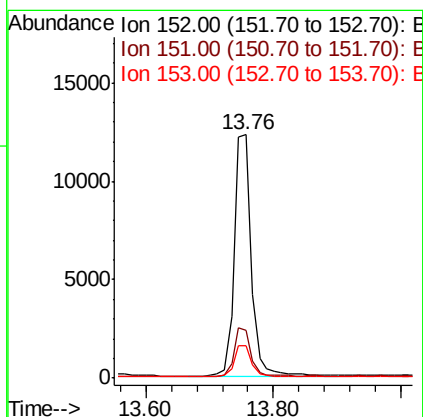
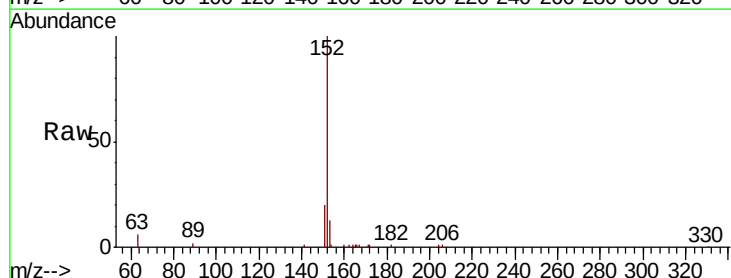
Instrument :
BNA_N
ClientSampleId :

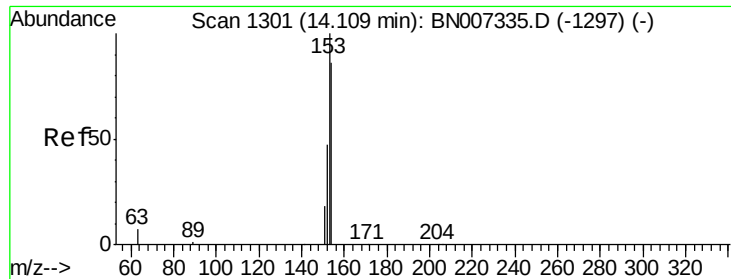
Tot Ion:172 Resp: 20612
Ion Ratio Lower Upper
172 100
171 35.1 30.3 45.5
170 23.2 20.7 31.1



#16
Acenaphthylene
Concen: 0.249 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:152 Resp: 22930
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.260 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampleId :

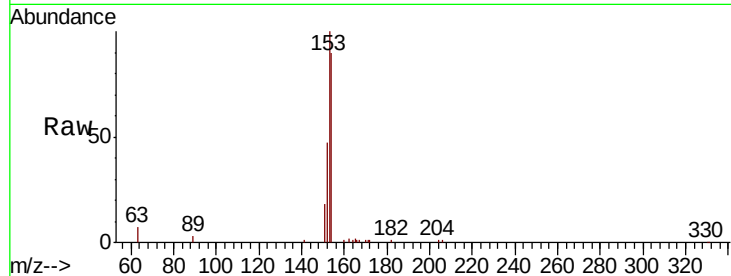
Tot Ion:154 Resp: 13981

Ion Ratio Lower Upper

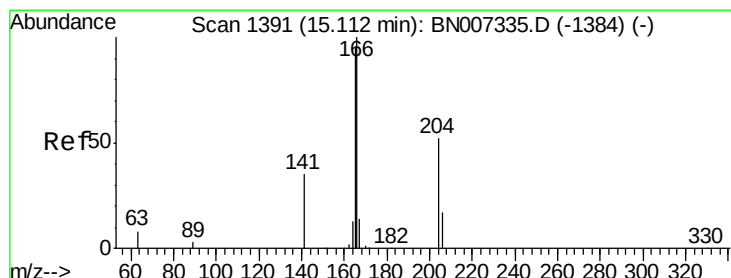
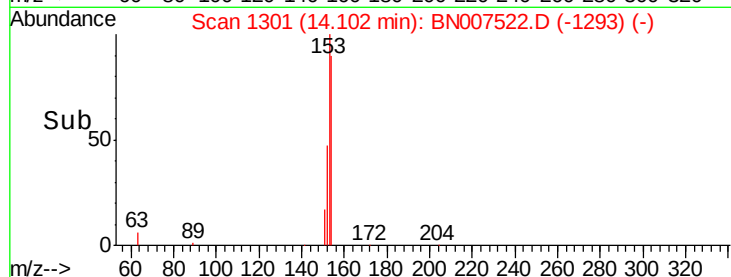
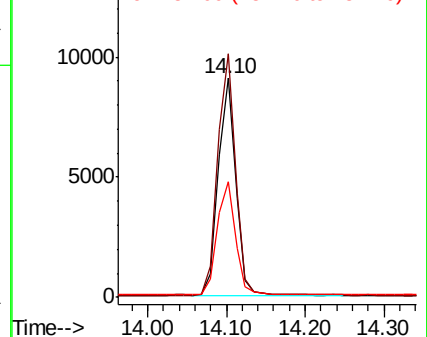
154 100

153 112.8 92.8 139.2

152 54.1 43.8 65.8



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: 0.273 ng

RT: 15.09 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

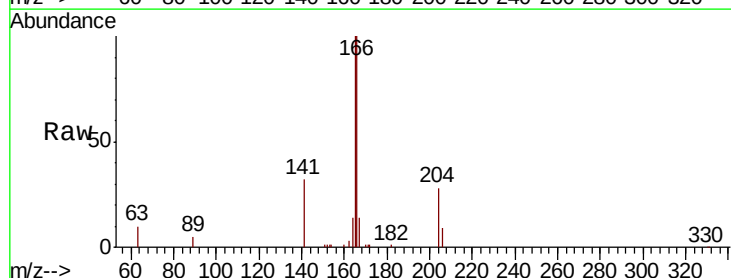
Tgt Ion:166 Resp: 18582

Ion Ratio Lower Upper

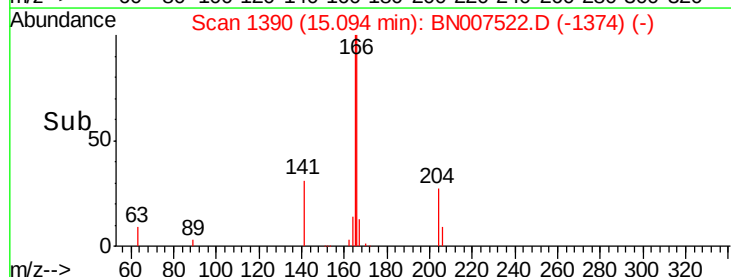
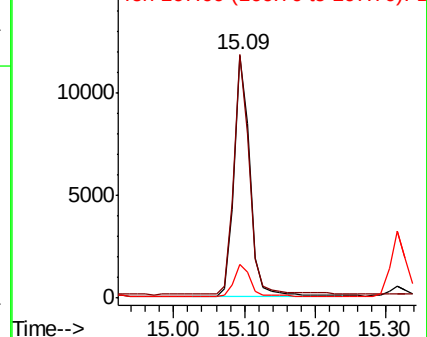
166 100

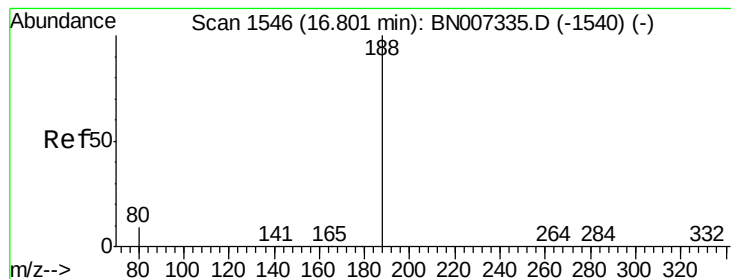
165 98.3 79.0 118.4

167 13.4 10.6 15.8



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: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampleId :

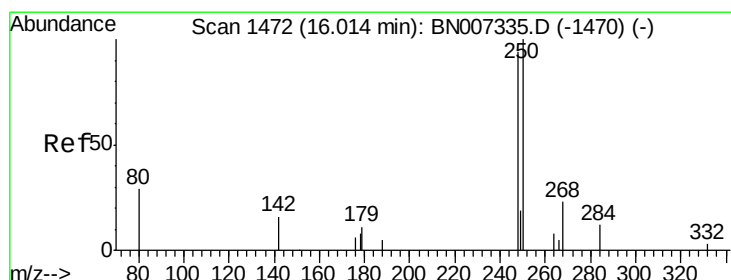
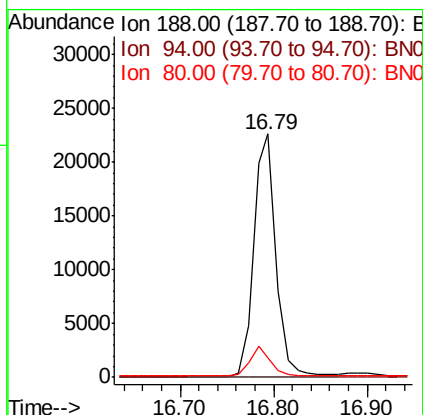
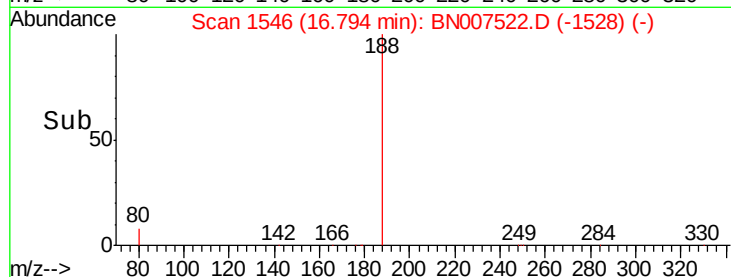
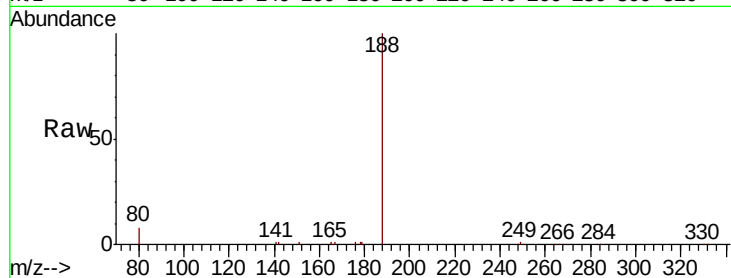
Tot Ion:188 Resp: 37241

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 11.8 17.8#



#20

4-Bromophenyl-phenylether

Concen: 0.109 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

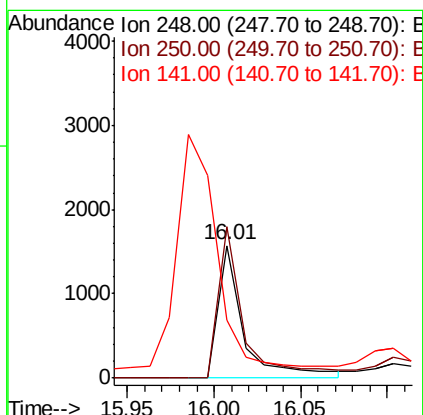
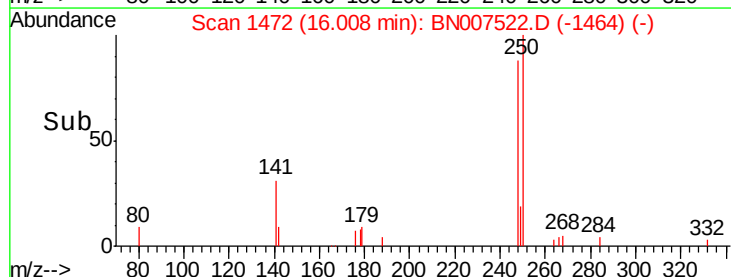
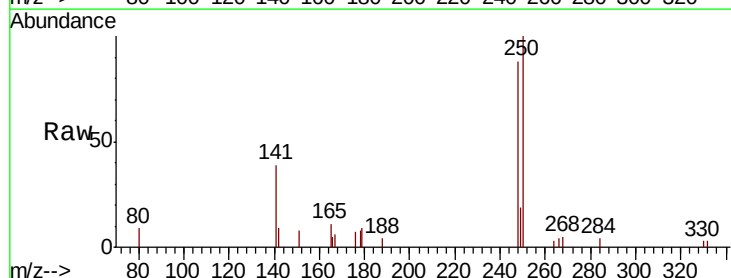
Tgt Ion:248 Resp: 1596

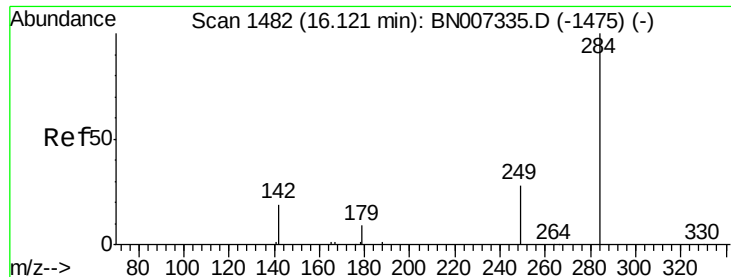
Ion Ratio Lower Upper

248 100

250 113.7 85.0 127.6

141 43.9 51.7 77.5#





#21

Hexachlorobenzene

Concen: 0.258 ng

RT: 16.10 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampled :

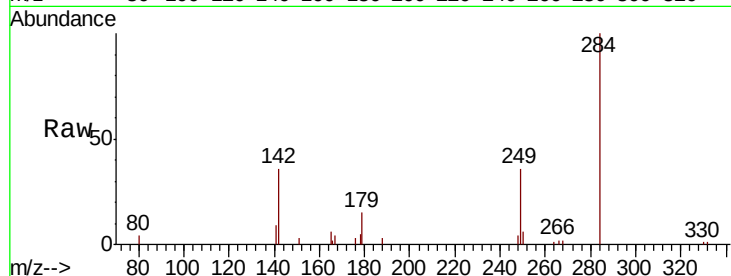
Tot Ion:284 Resp: 6431

Ion Ratio Lower Upper

284 100

142 31.8 29.0 43.6

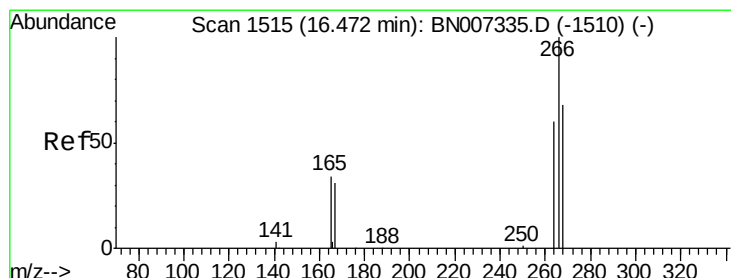
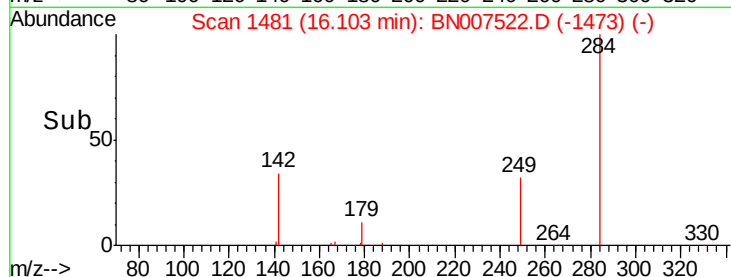
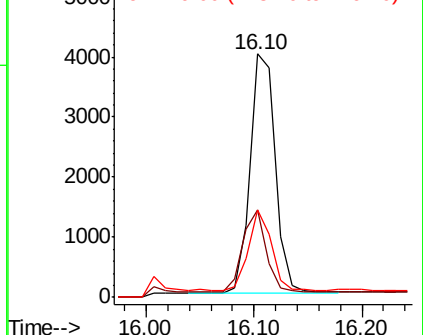
249 30.4 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.402 ng

RT: 16.45 min Scan# 1514

Delta R.T. -0.02 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

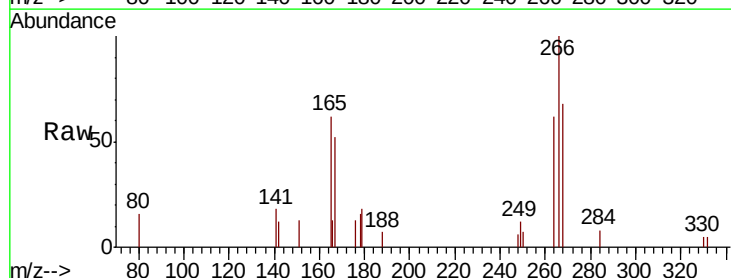
Tgt Ion:266 Resp: 3115

Ion Ratio Lower Upper

266 100

264 62.1 57.8 86.8

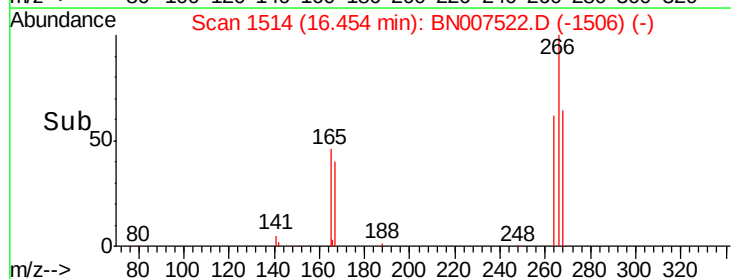
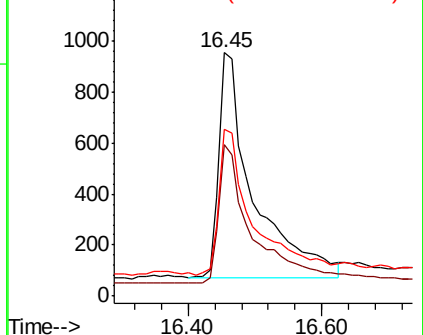
268 68.5 99.7 149.5#

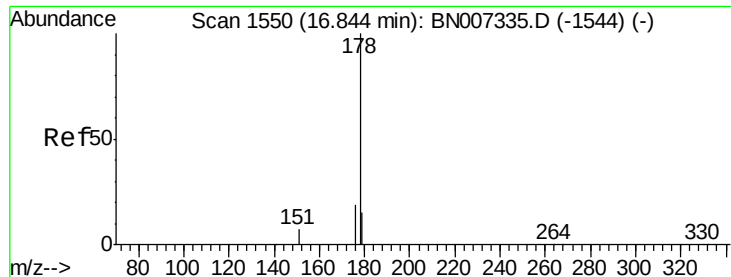


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.273 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampleId :

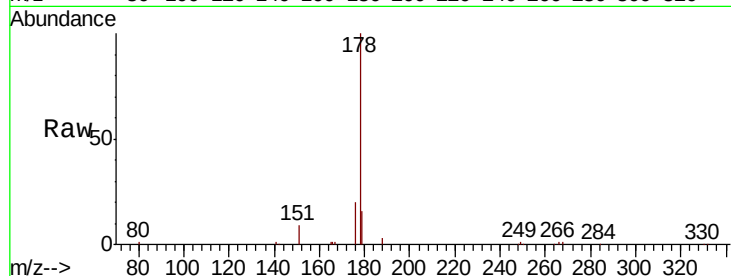
Tot Ion:178 Resp: 30623

Ion Ratio Lower Upper

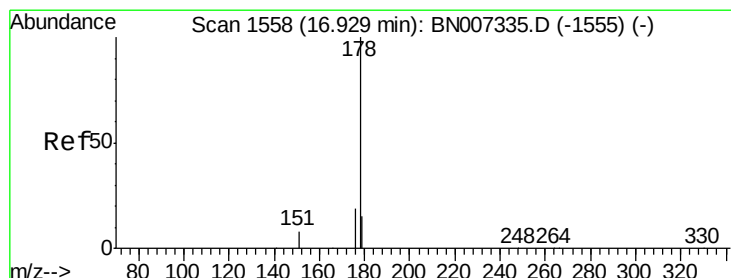
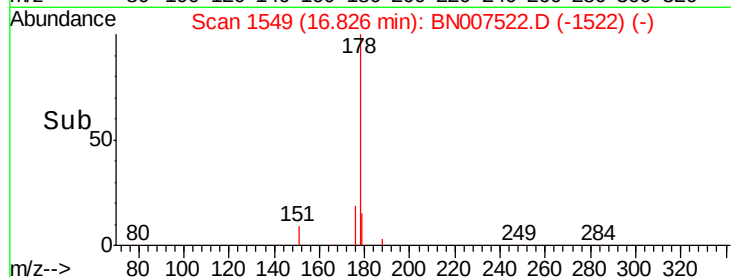
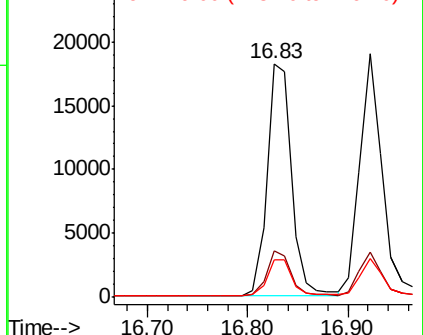
178 100

176 18.8 15.3 22.9

179 15.4 12.6 19.0



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



#24

Anthracene

Concen: 0.261 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

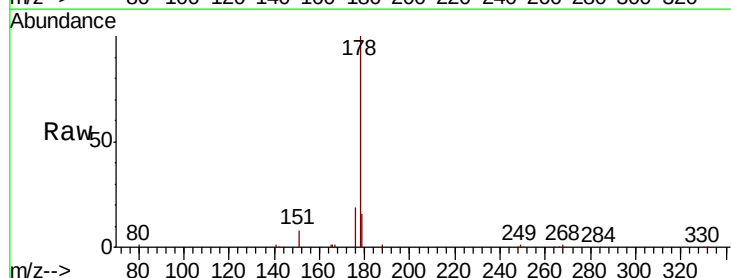
Tgt Ion:178 Resp: 29374

Ion Ratio Lower Upper

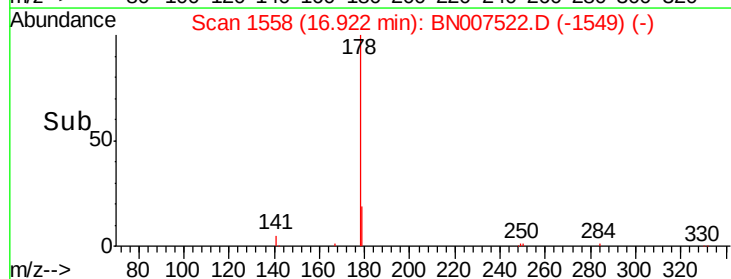
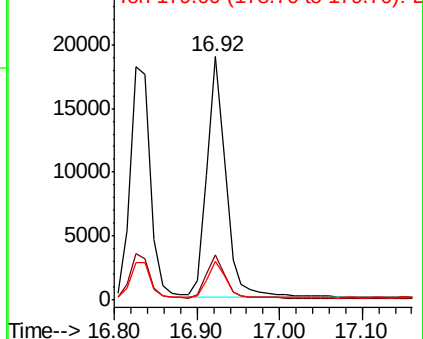
178 100

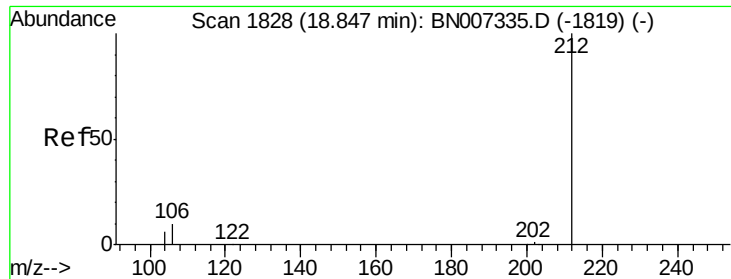
176 18.2 14.9 22.3

179 15.5 12.4 18.6



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





#25

Fluoranthene-d10

Concen: 0.334 ng

RT: 18.84 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampleId :

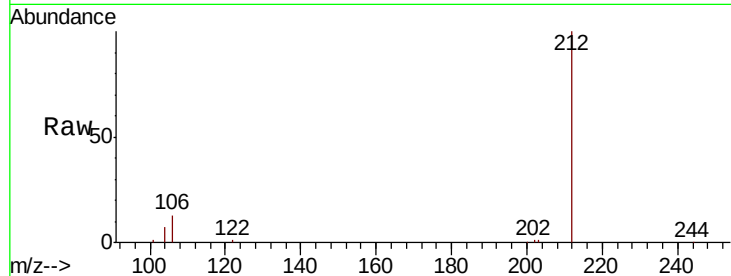
Tot Ion:212 Resp: 40066

Ion Ratio Lower Upper

212 100

106 12.5 9.0 13.4

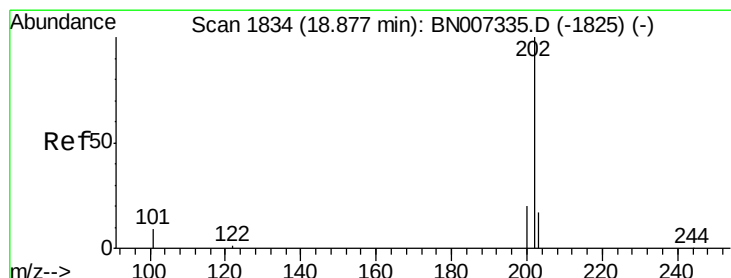
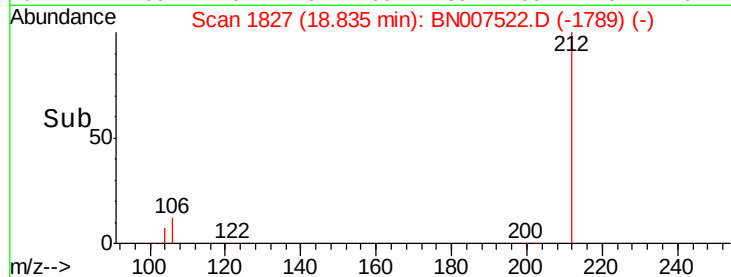
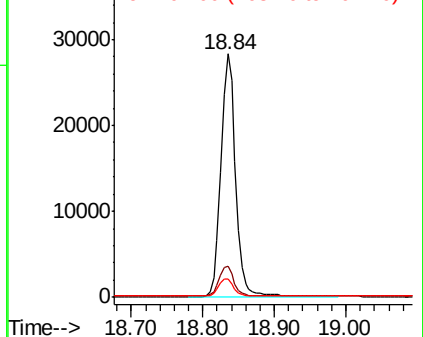
104 7.0 5.4 8.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.272 ng

RT: 18.86 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

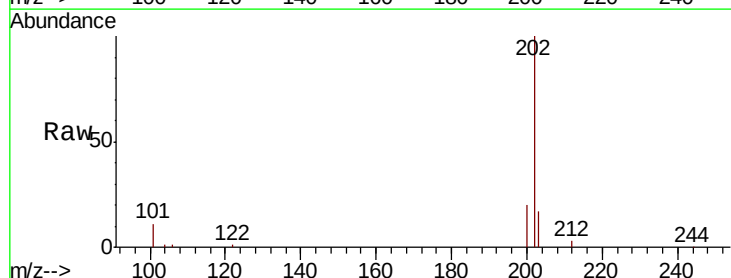
Tgt Ion:202 Resp: 39068

Ion Ratio Lower Upper

202 100

101 10.6 7.7 11.5

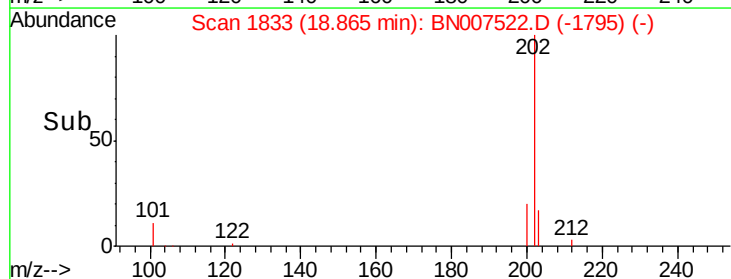
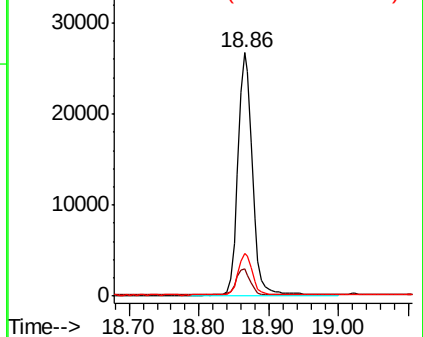
203 16.8 13.7 20.5

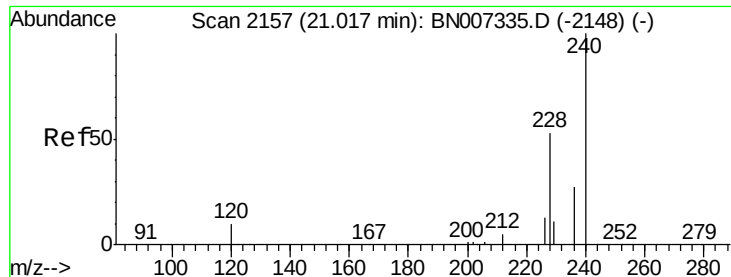


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampleId :

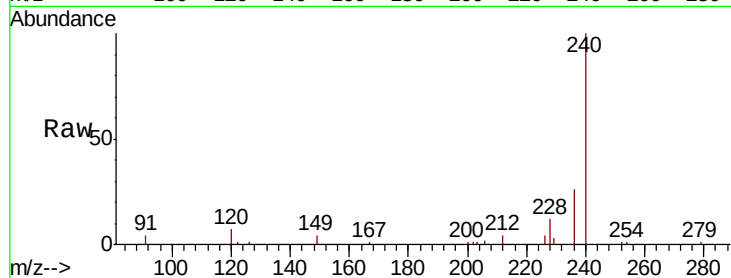
Tot Ion:240 Resp: 35640

Ion Ratio Lower Upper

240 100

120 6.5 9.6 14.4#

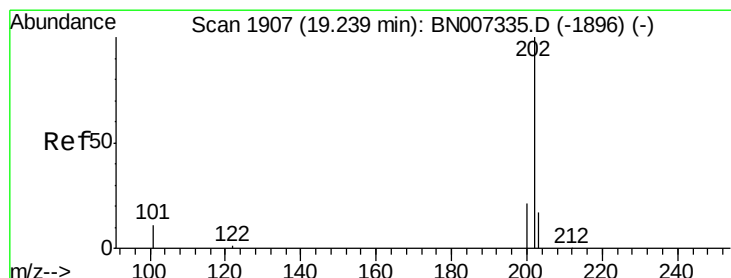
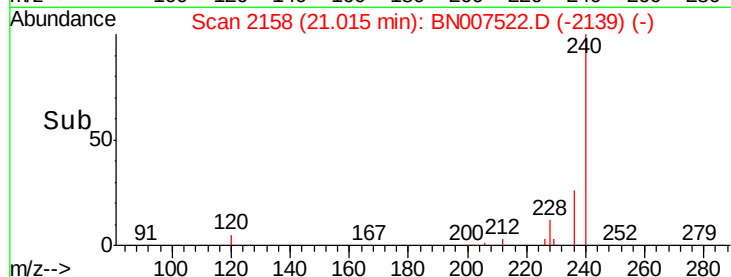
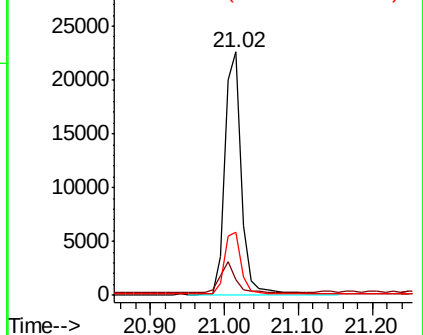
236 26.2 22.2 33.2



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



#28

Pyrene

Concen: 0.276 ng

RT: 19.23 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

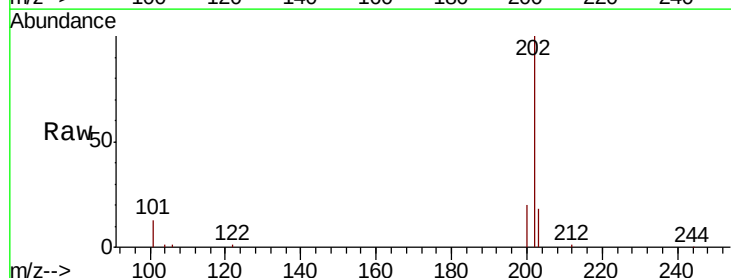
Tgt Ion:202 Resp: 39636

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

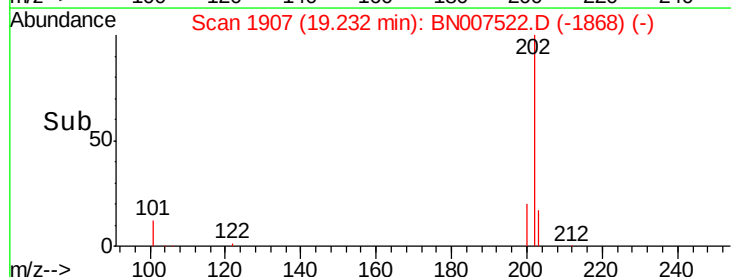
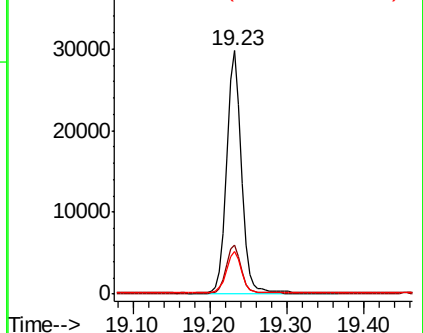
203 18.0 14.2 21.4

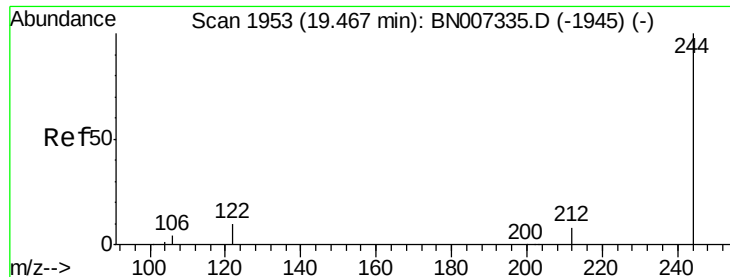


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.347 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampleId :

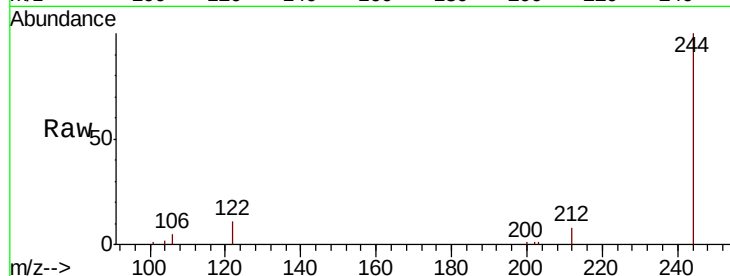
Tot Ion:244 Resp: 32382

Ion Ratio Lower Upper

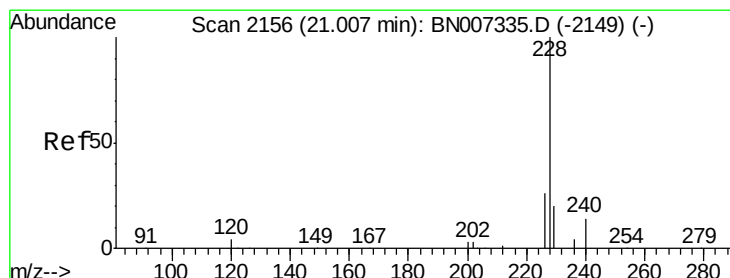
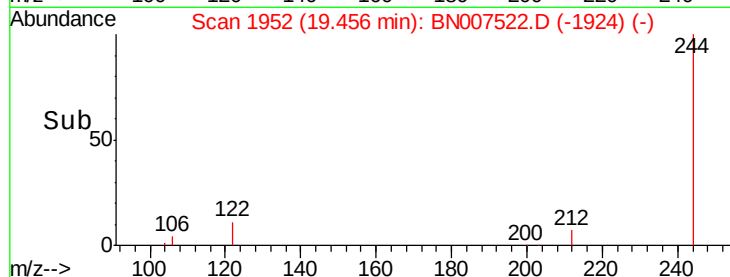
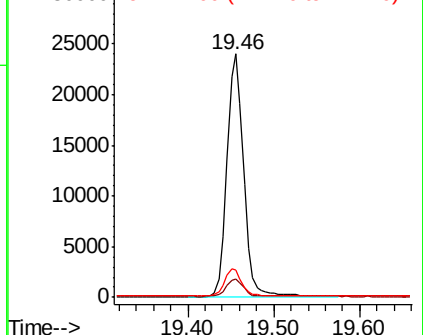
244 100

212 7.8 7.0 10.6

122 11.1 9.6 14.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.257 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

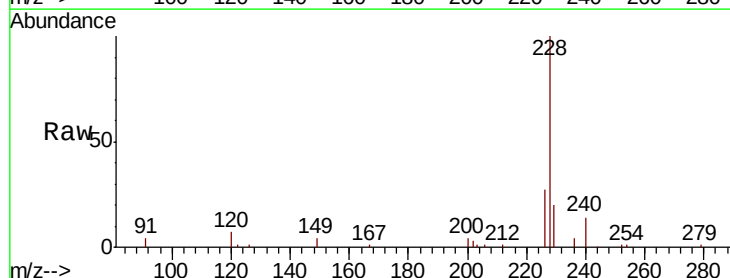
Tgt Ion:228 Resp: 36038

Ion Ratio Lower Upper

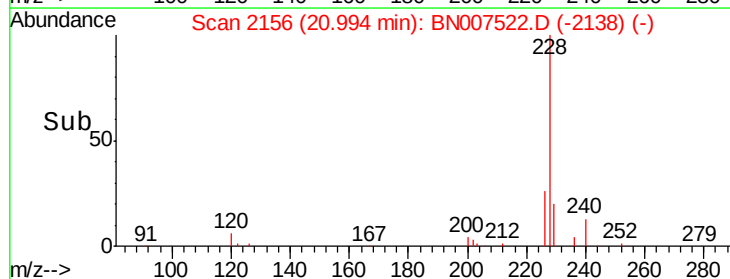
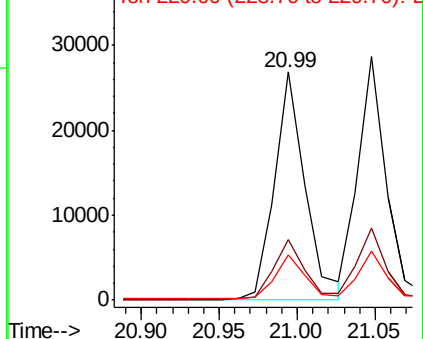
228 100

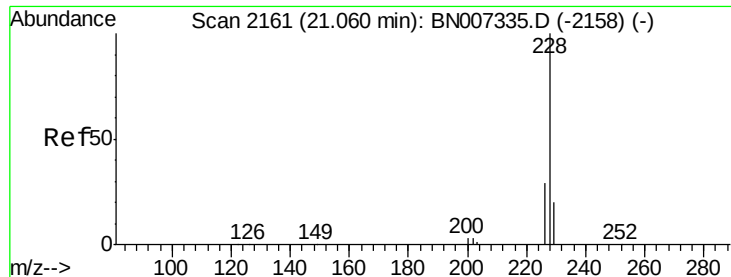
226 26.7 21.3 31.9

229 20.0 16.1 24.1



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

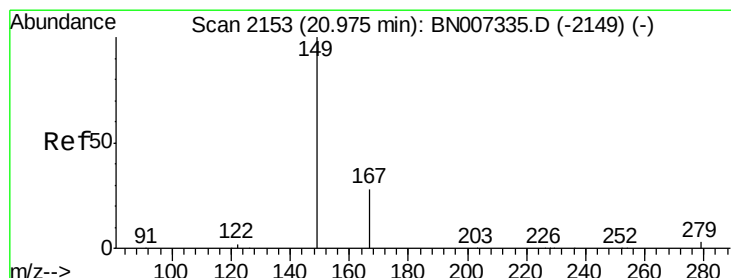
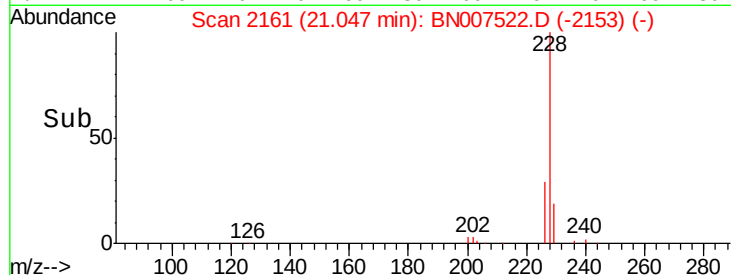
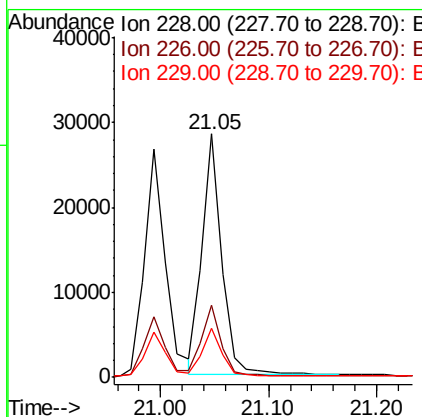
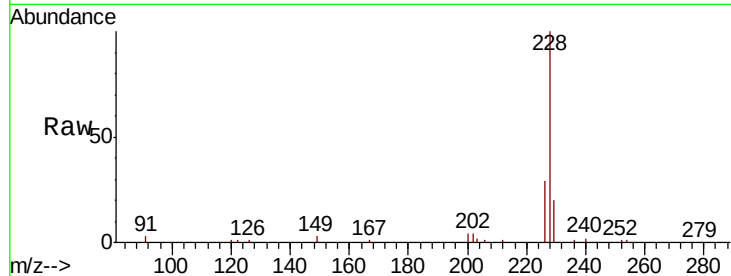




#31
Chrysene
Concen: 0.265 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

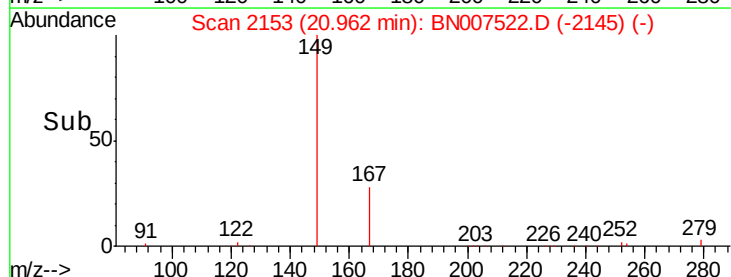
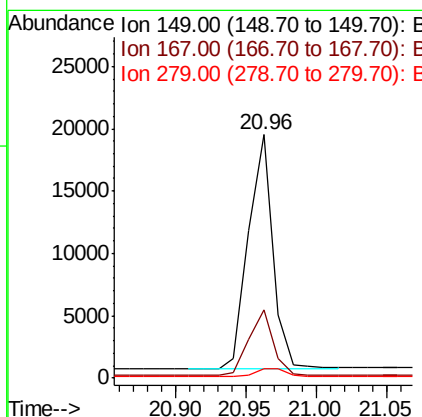
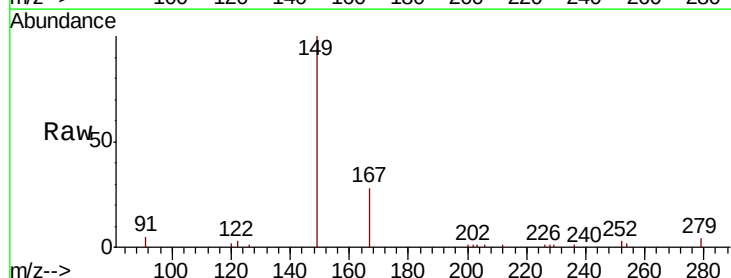
Instrument :
BNA_N
ClientSampleId :

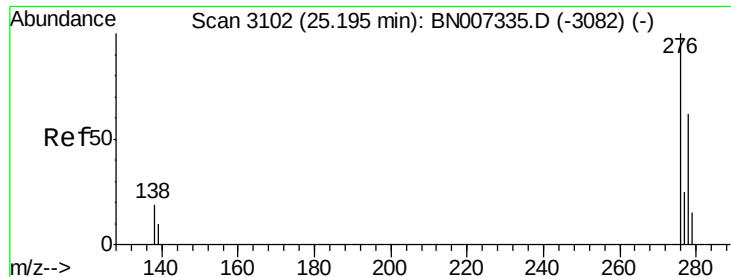
Tot Ion:228 Resp: 35819
Ion Ratio Lower Upper
228 100
226 29.4 23.5 35.3
229 20.0 16.6 24.8



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.234 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:149 Resp: 22909
Ion Ratio Lower Upper
149 100
167 28.1 22.8 34.2
279 4.3 3.5 5.3

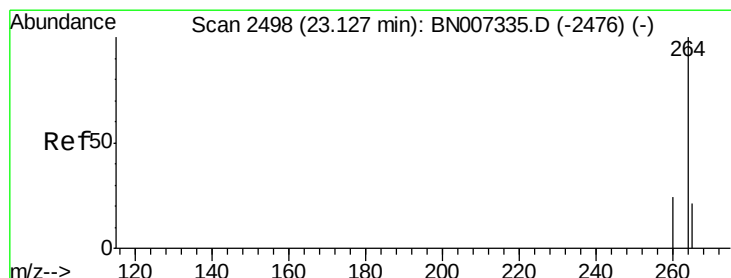
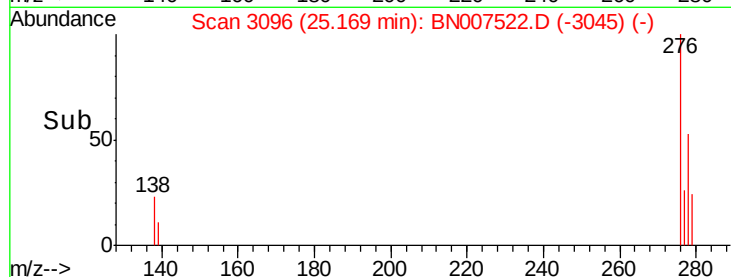
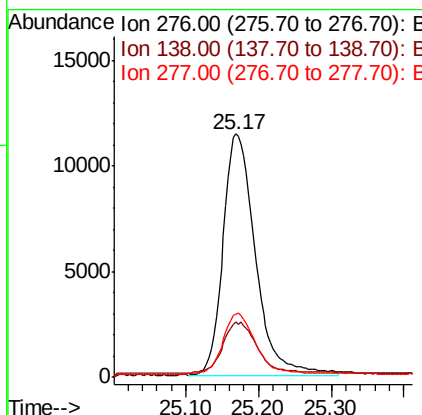
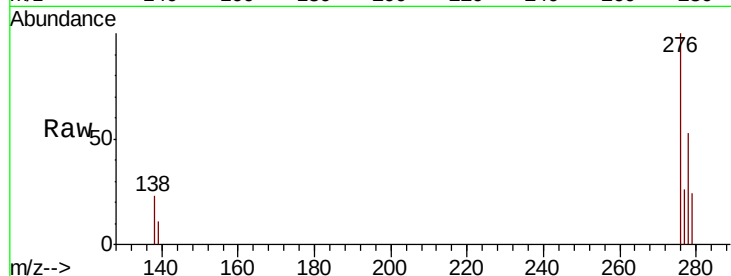




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.217 ng
 RT: 25.17 min Scan# 3096
 Delta R.T. -0.03 min
 Lab File: BN007522.D
 Acq: 30 Aug 2019 14:14

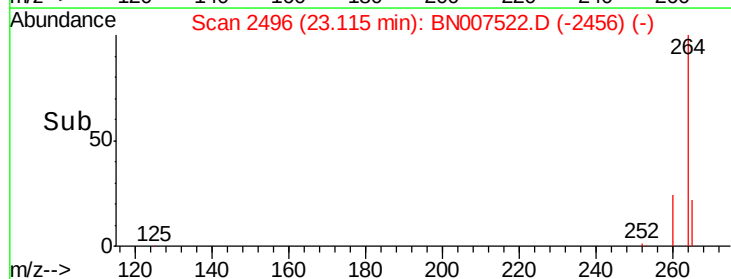
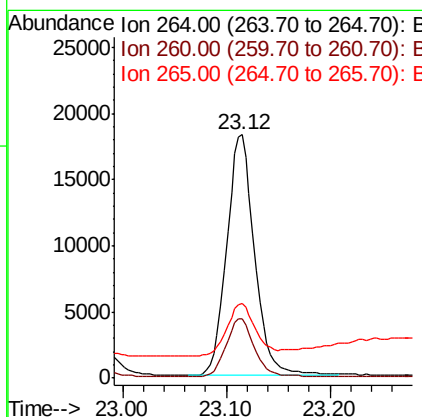
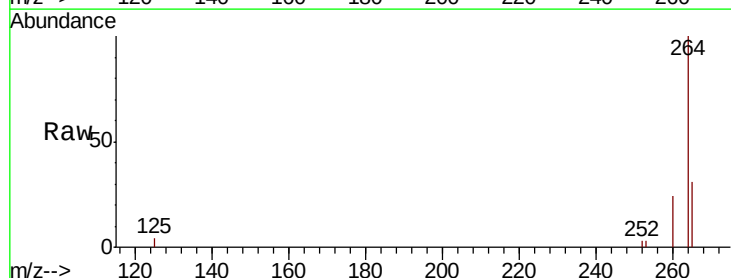
Instrument :
 BNA_N
 ClientSampleId :

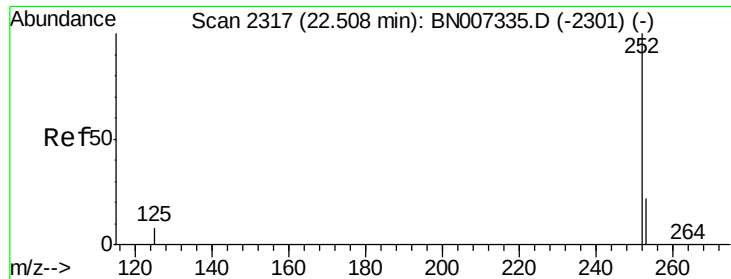
Tot Ion:276 Resp: 35276
 Ion Ratio Lower Upper
 276 100
 138 21.1 15.1 22.7
 277 24.2 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.12 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BN007522.D
 Acq: 30 Aug 2019 14:14

Tgt Ion:264 Resp: 33881
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.7 29.5
 265 30.7 29.9 44.9





#35

Benzo(b)fluoranthene

Concen: 0.277 ng

RT: 22.50 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampleId :

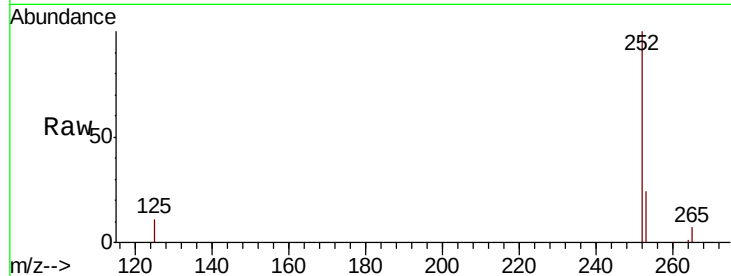
Tot Ion:252 Resp: 34042

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

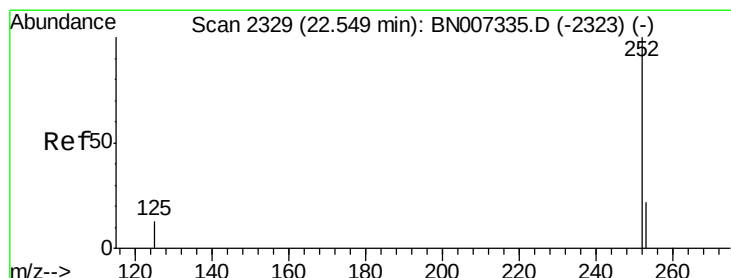
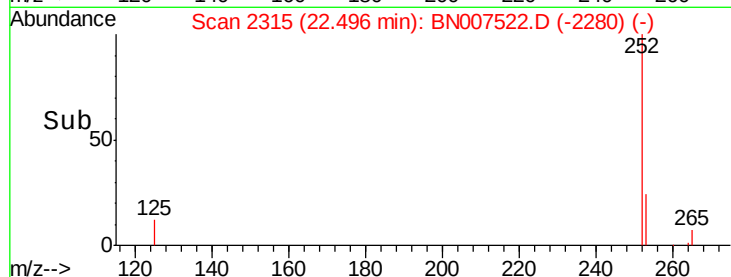
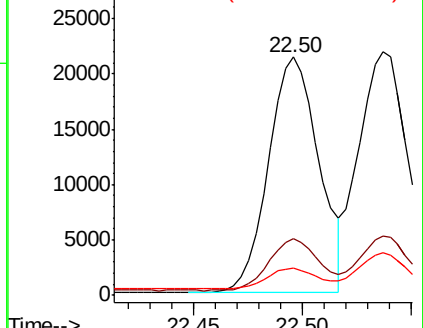
125 11.4 10.6 16.0



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



#36

Benzo(k)fluoranthene

Concen: 0.295 ng

RT: 22.54 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

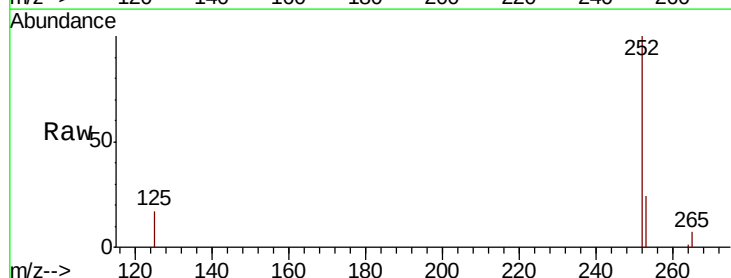
Tgt Ion:252 Resp: 35741

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.2

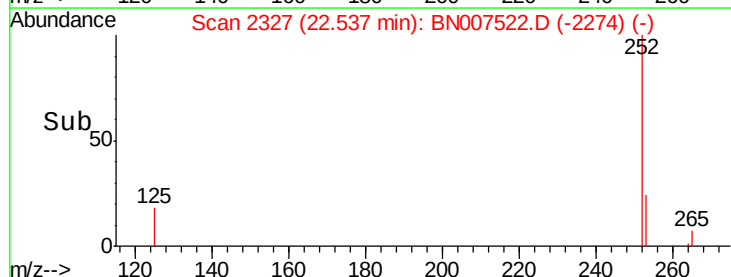
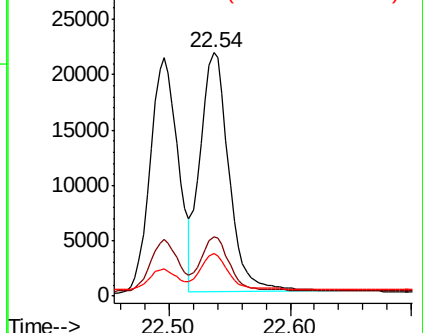
125 17.4 13.1 19.7

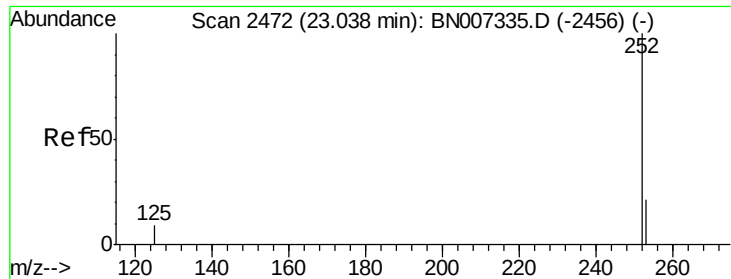


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.270 ng

RT: 23.02 min Scan# 2469

Delta R.T. -0.02 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampleId :

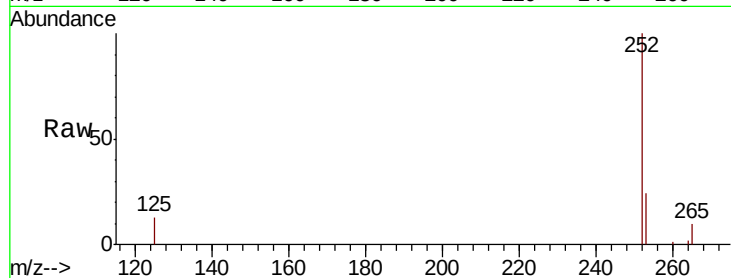
Tot Ion:252 Resp: 31586

Ion Ratio Lower Upper

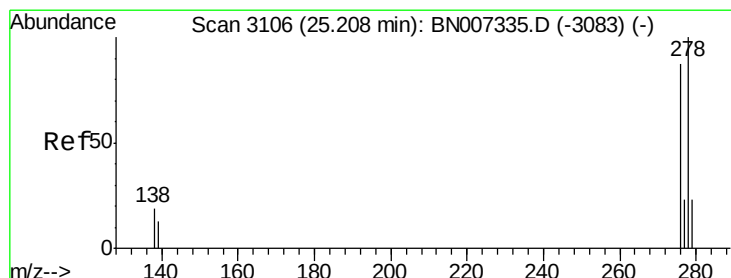
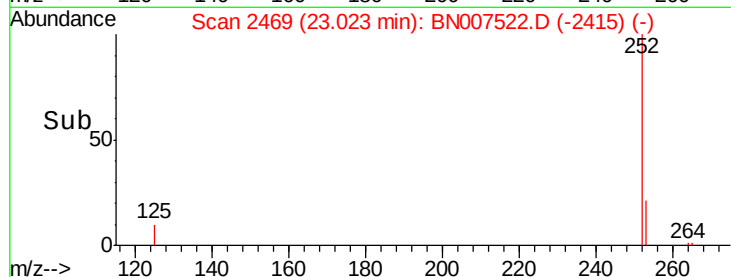
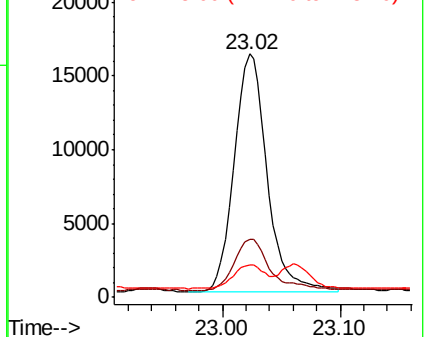
252 100

253 23.8 19.5 29.3

125 13.5 12.1 18.1



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

Dibenzo(a,h)anthracene

Concen: 0.245 ng

RT: 25.19 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

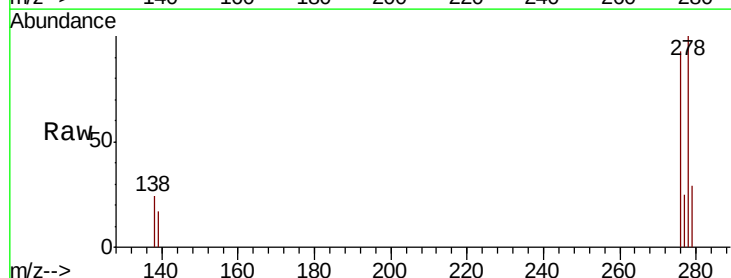
Tgt Ion:278 Resp: 28520

Ion Ratio Lower Upper

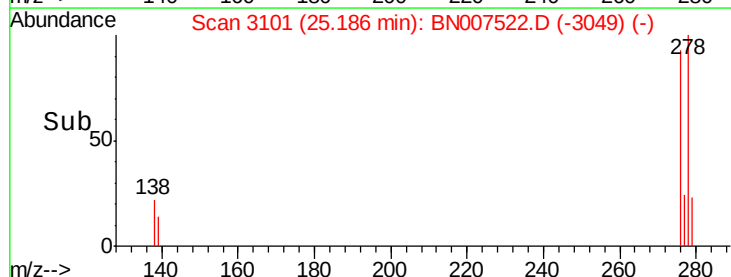
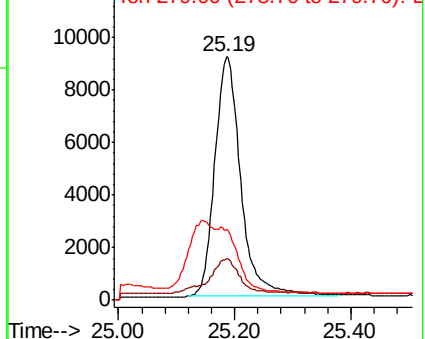
278 100

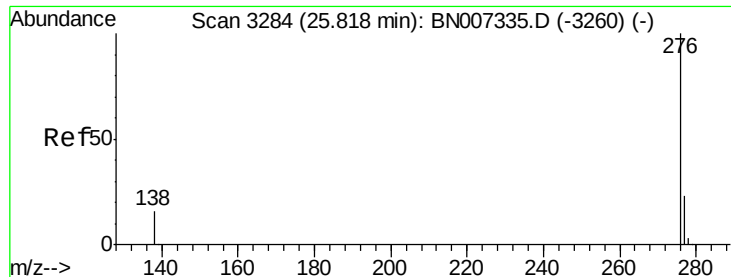
139 17.1 13.7 20.5

279 29.0 20.2 30.4



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





#39

Benzo(a,h,i)perylene

Concen: 0.255 ng

RT: 25.79 min Scan# 3278

Delta R.T. -0.03 min

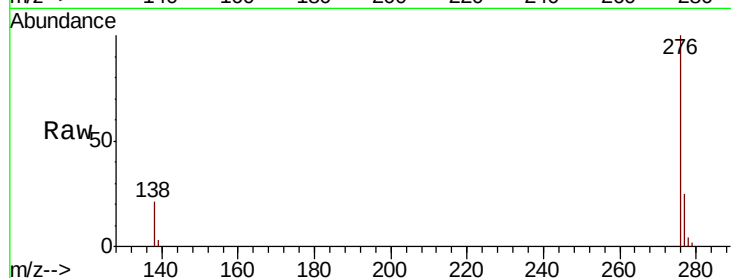
Lab File: BN007522.D

Acq: 30 Aug 2019 14:14

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 29647

Ion Ratio Lower Upper

276 100

277 24.6 19.6 29.4

138 20.8 16.3 24.5

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

