

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
 Data File : BN007407.D
 Acq On : 26 Aug 2019 12:54
 Operator : HP/JU
 Sample : PB122289BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 26 17:26:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5553	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	21601	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	10995	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	24801	0.40	ng	0.00
27) Chrysene-d12	21.03	240	25736	0.40	ng	0.00
34) Perylene-d12	23.13	264	25844	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	5966	0.30	ng	0.00
5) Phenol-d6	6.59	99	6967	0.27	ng	0.00
8) Nitrobenzene-d5	8.53	82	6032	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	12174	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1734	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	16297	0.37	ng	0.00
25) Fluoranthene-d10	18.84	212	26451	0.33	ng	0.00
29) Terphenyl-d14	19.47	244	19189	0.28	ng	0.00

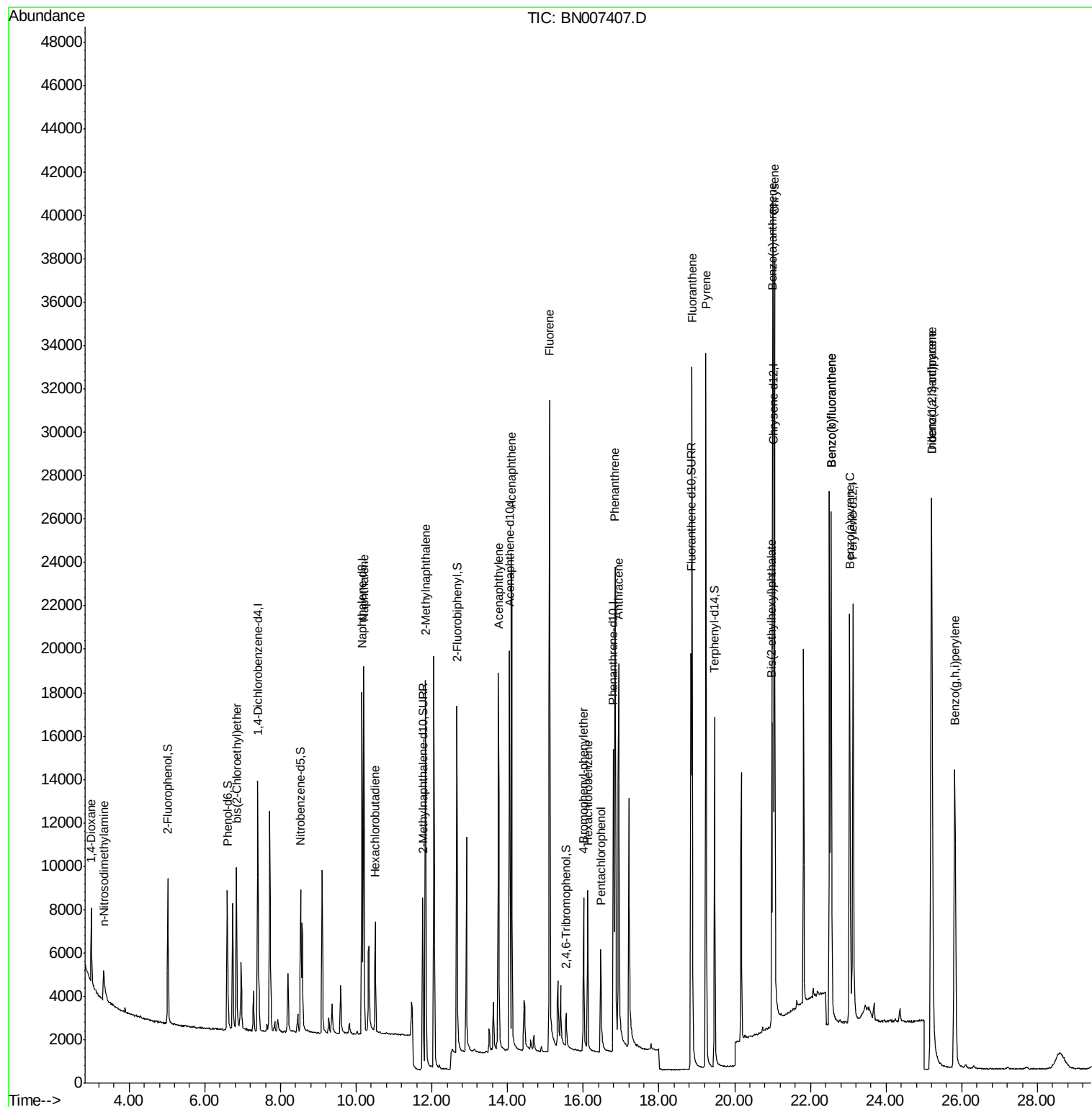
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	3429	0.372	ng	# 75
3) n-Nitrosodimethylamine	3.33	42	1218	0.284	ng	# 87
6) bis(2-Chloroethyl)ether	6.84	93	6736	0.336	ng	96
9) Naphthalene	10.20	128	21961	0.356	ng	# 90
10) Hexachlorobutadiene	10.51	225	4219	0.334	ng	# 99
12) 2-Methylnaphthalene	11.83	142	14130	0.336	ng	97
16) Acenaphthylene	13.76	152	21264	0.327	ng	99
17) Acenaphthene	14.10	154	13576	0.357	ng	97
18) Fluorene	15.10	166	16319	0.339	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	3485	0.356	ng	95
21) Hexachlorobenzene	16.11	284	6153	0.370	ng	97
22) Pentachlorophenol	16.46	266	3295	0.638	ng	# 63
23) Phenanthrene	16.84	178	26202	0.351	ng	99
24) Anthracene	16.93	178	22903	0.305	ng	100
26) Fluoranthene	18.87	202	32431	0.339	ng	100
28) Pyrene	19.24	202	33071	0.319	ng	99
30) Benzo(a)anthracene	21.00	228	29626	0.293	ng	99
31) Chrysene	21.06	228	30636	0.314	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	12356	0.170	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	36895	0.314	ng	98
35) Benzo(b)fluoranthene	22.55	252	31474	0.336	ng	99
36) Benzo(k)fluoranthene	22.55	252	31474	0.340	ng	# 95
37) Benzo(a)pyrene	23.04	252	28412	0.319	ng	# 96
38) Dibenzo(a,h)anthracene	25.21	278	29352	0.330	ng	98
39) Benzo(g,h,i)perylene	25.82	276	30625	0.346	ng	98

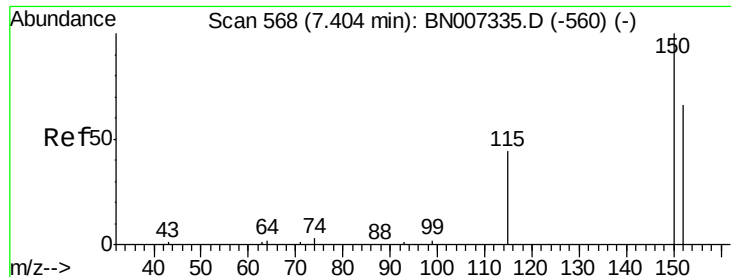
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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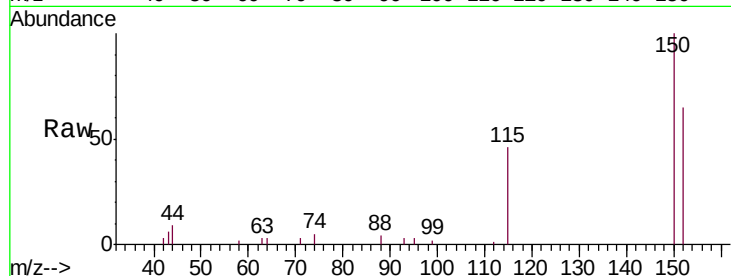


#1

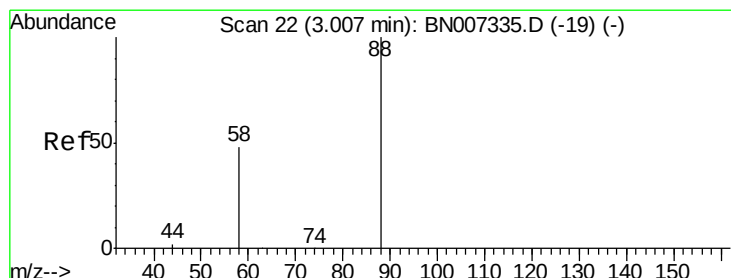
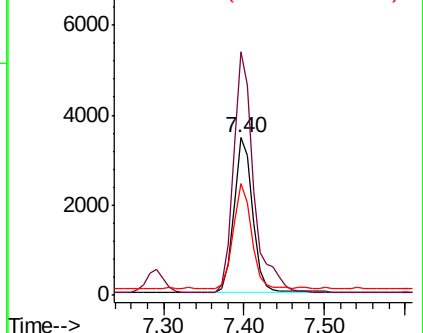
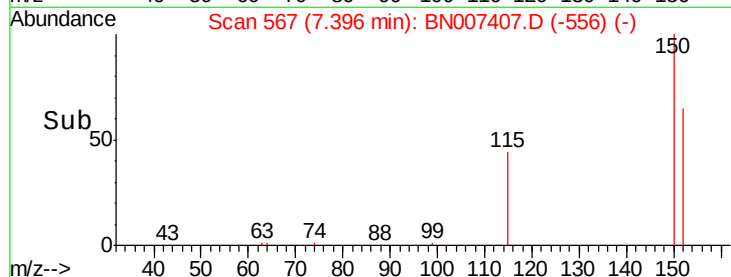
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5553
Ion Ratio Lower Upper
152 100
150 154.8 109.1 163.7
115 71.3 59.6 89.4



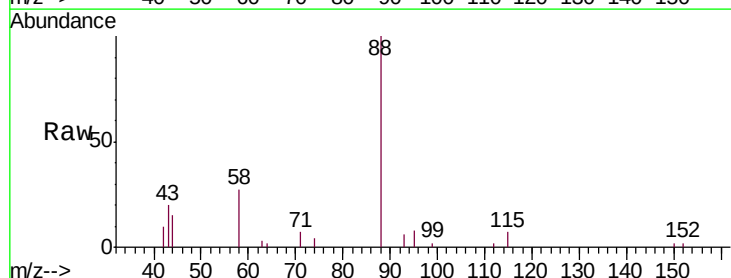
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



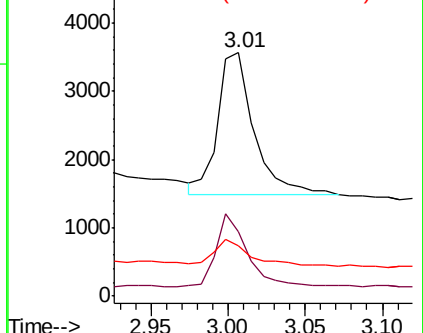
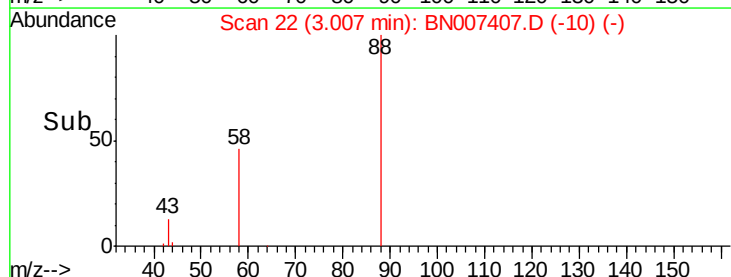
#2

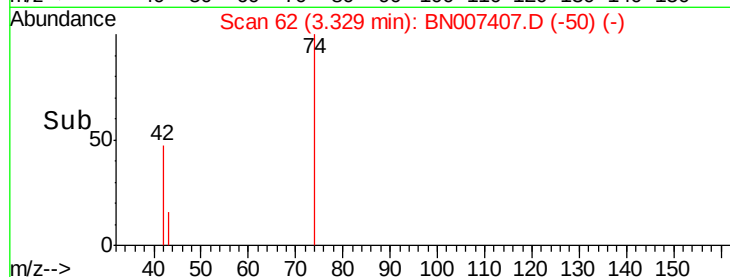
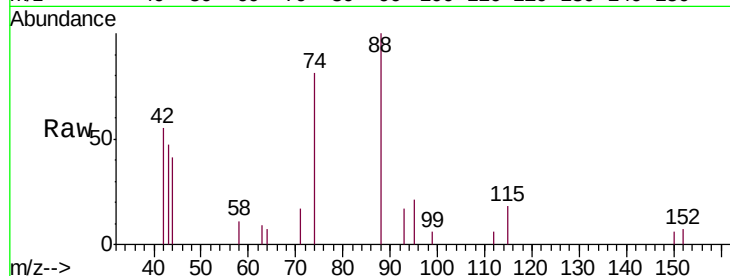
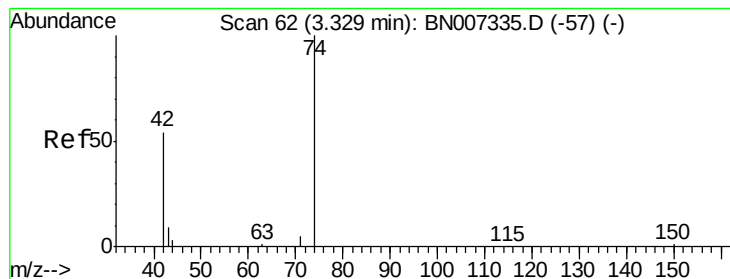
1,4-Dioxane
Concen: 0.372 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion: 88 Resp: 3429
Ion Ratio Lower Upper
88 100
58 43.7 50.5 75.7#
43 18.9 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: 0.284 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

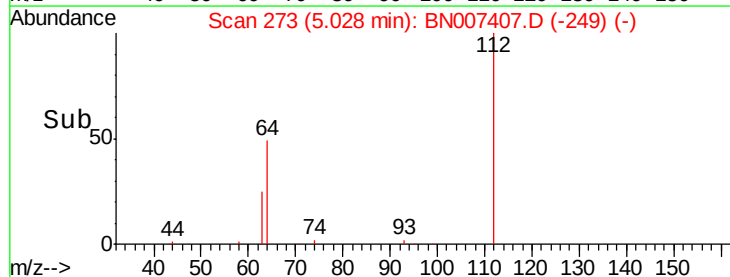
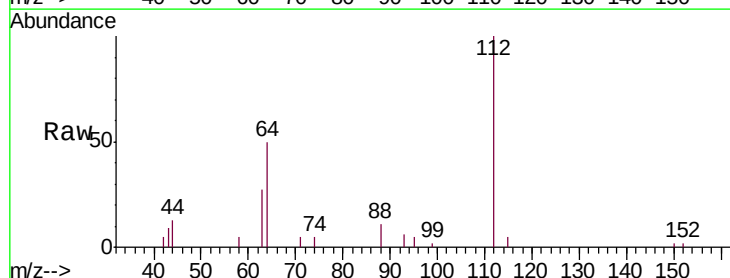
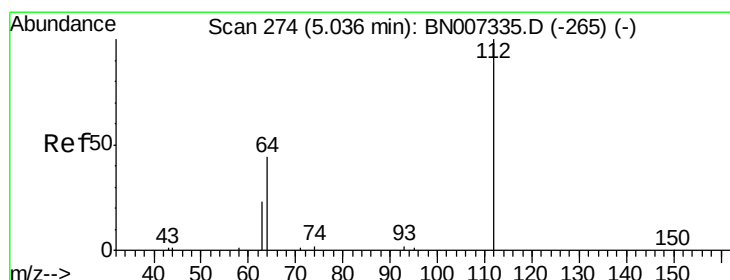
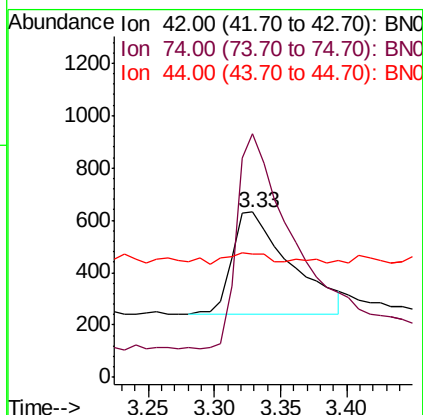
Tot Ion: 42 Resp: 1218

Ion Ratio Lower Upper

42 100

74 199.0 144.7 217.1

44 8.5 3.2 4.8#



#4

2-Fluorophenol

Concen: 0.303 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

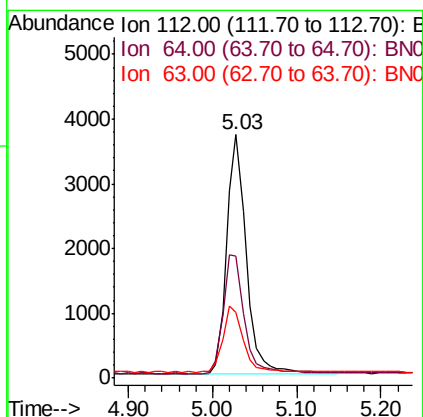
Tgt Ion: 112 Resp: 5966

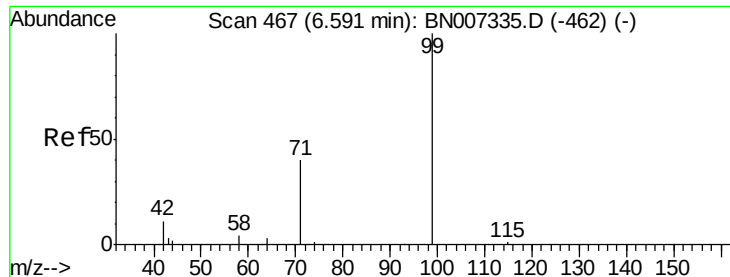
Ion Ratio Lower Upper

112 100

64 52.8 42.3 63.5

63 28.8 23.6 35.4





#5

Phenol-d6

Concen: 0.275 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

ClientSampled :

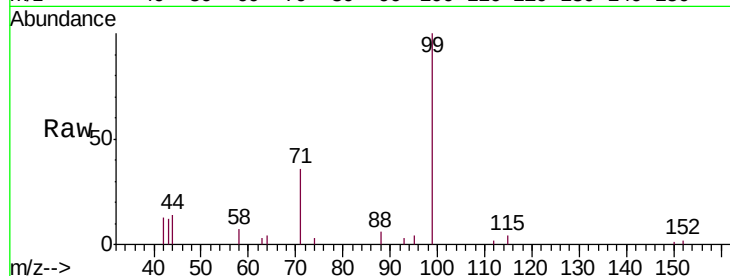
Tot Ion: 99 Resp: 6967

Ion Ratio Lower Upper

99 100

42 12.1 11.2 16.8

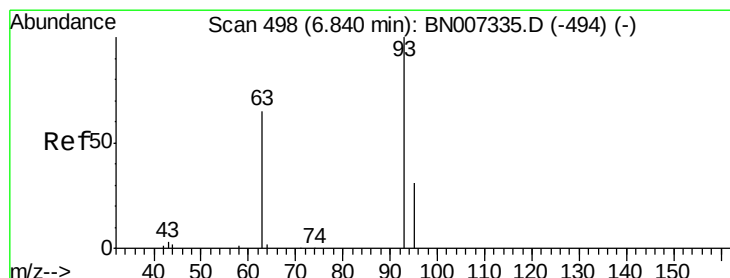
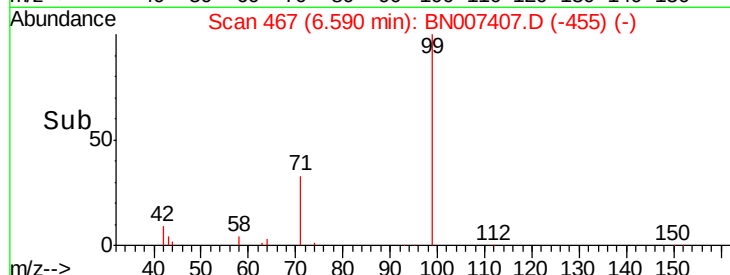
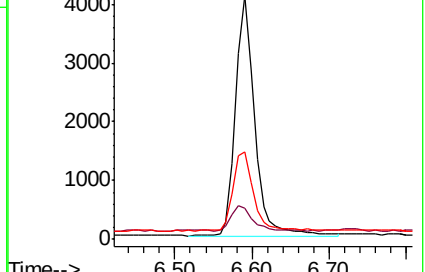
71 35.3 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007407.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007407.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007407.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.336 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

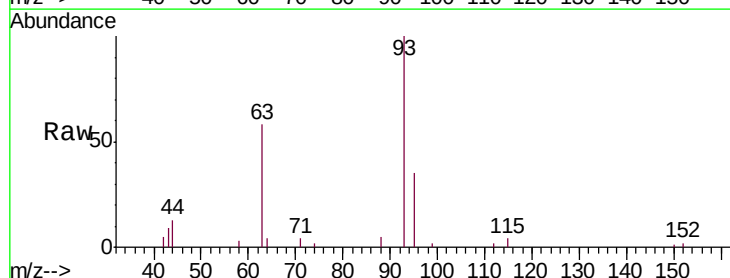
Tgt Ion: 93 Resp: 6736

Ion Ratio Lower Upper

93 100

63 62.1 51.9 77.9

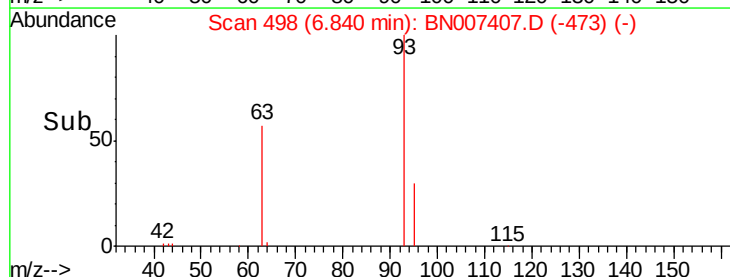
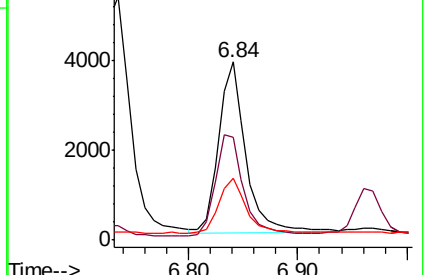
95 31.8 27.7 41.5

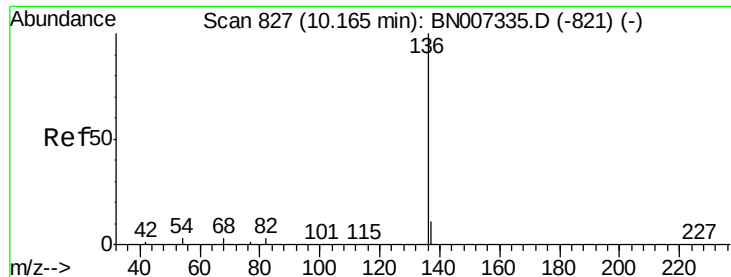


Abundance Ion 93.00 (92.70 to 93.70): BN007407.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007407.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007407.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 21601

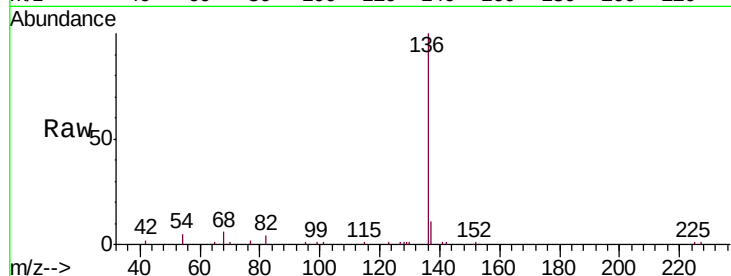
Ion Ratio Lower Upper

136 100

137 11.5 12.9 19.3#

54 4.8 8.6 12.8#

68 6.2 17.0 25.4#

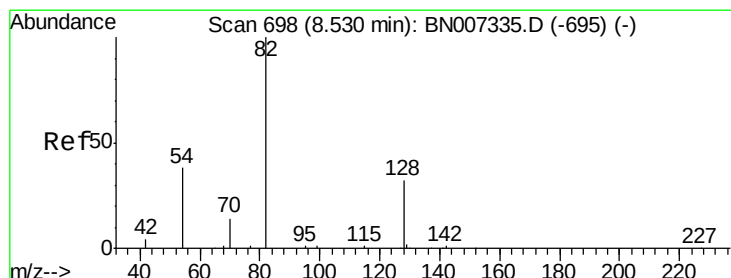
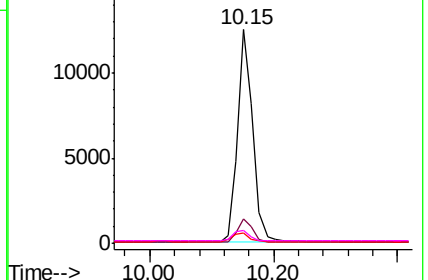
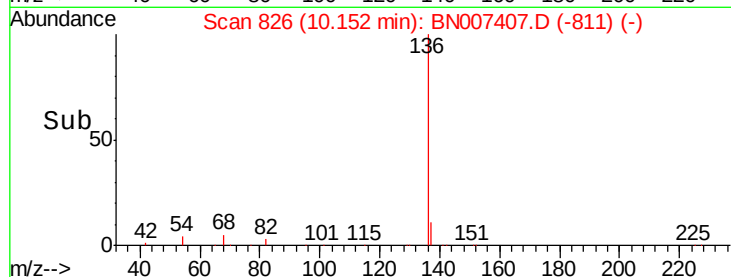


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.321 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

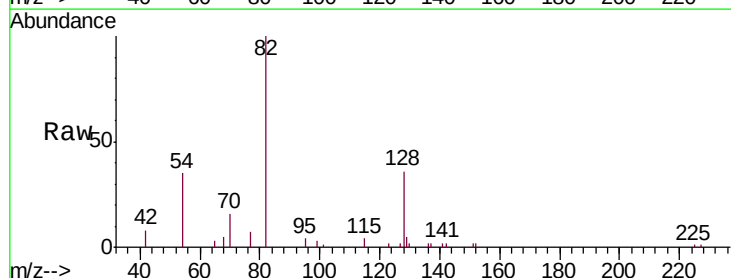
Tgt Ion: 82 Resp: 6032

Ion Ratio Lower Upper

82 100

128 36.4 19.7 29.5#

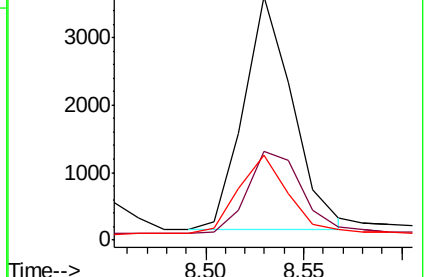
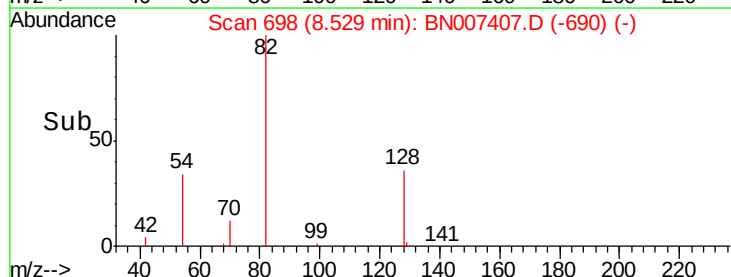
54 34.6 25.8 38.6

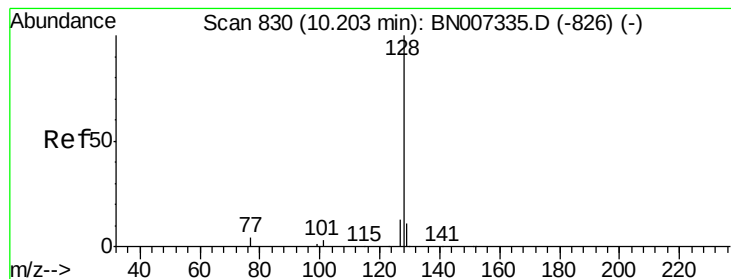


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.356 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

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ClientSampleId :

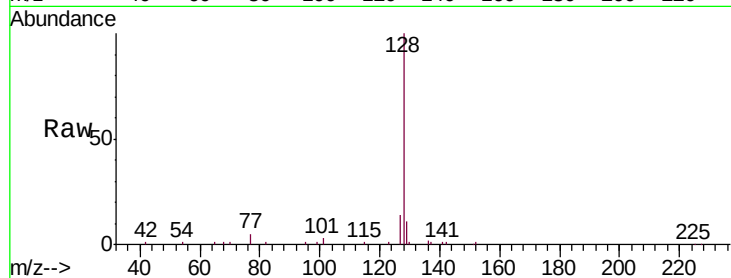
Tot Ion:128 Resp: 21961

Ion Ratio Lower Upper

128 100

129 11.2 11.1 16.7

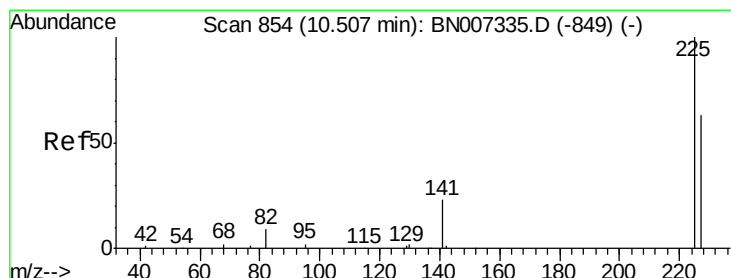
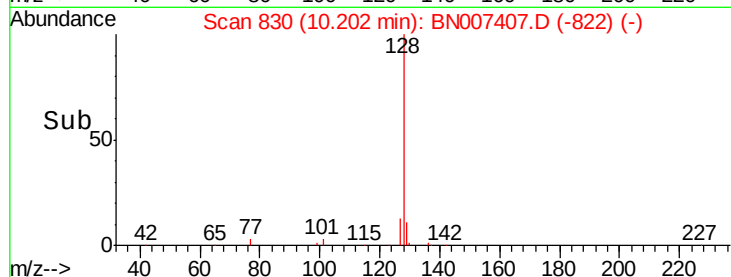
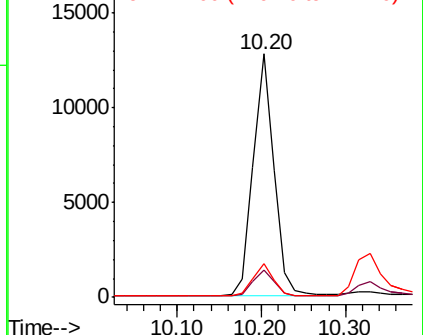
127 13.7 15.5 23.3#



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: 0.334 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

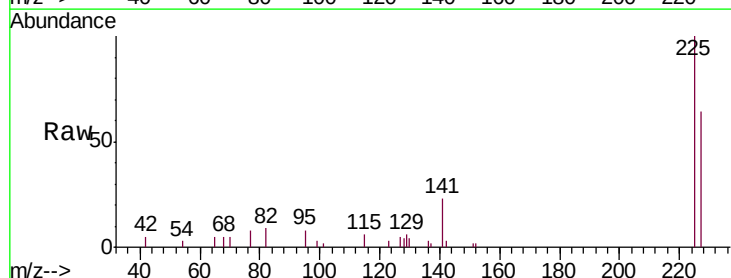
Tgt Ion:225 Resp: 4219

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

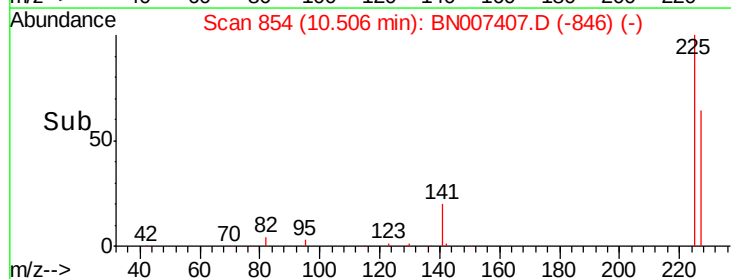
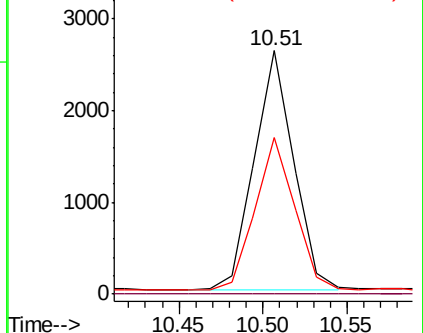
227 64.0 50.7 76.1

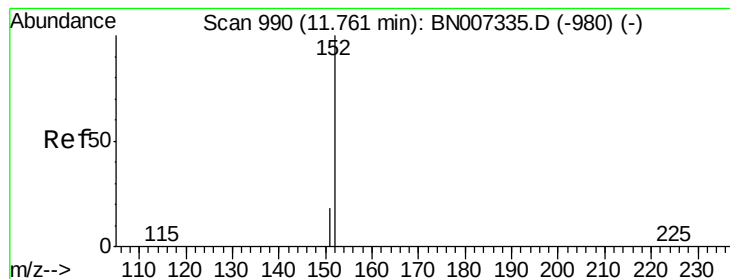


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.339 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

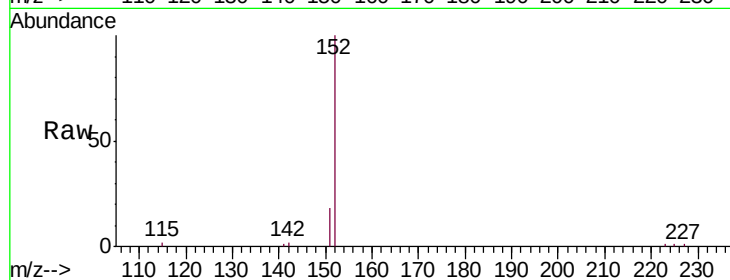
ClientSampleId :

Tot Ion:152 Resp: 12174

Ion Ratio Lower Upper

152 100

151 19.0 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

8000

6000

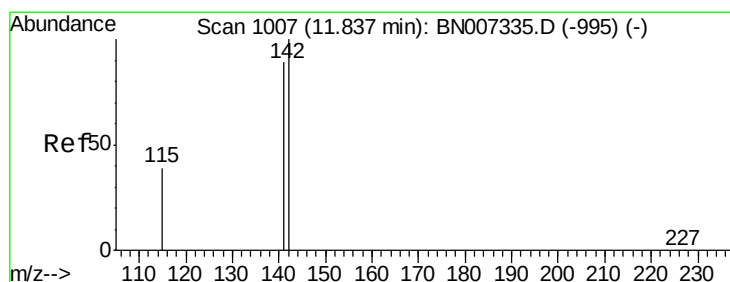
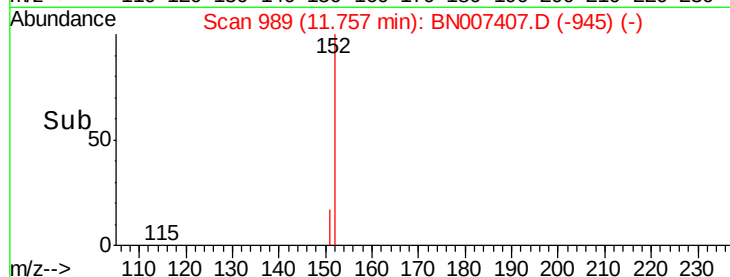
4000

2000

0

11.70 11.80 11.90

Time-->



#12

2-Methylnaphthalene

Concen: 0.336 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

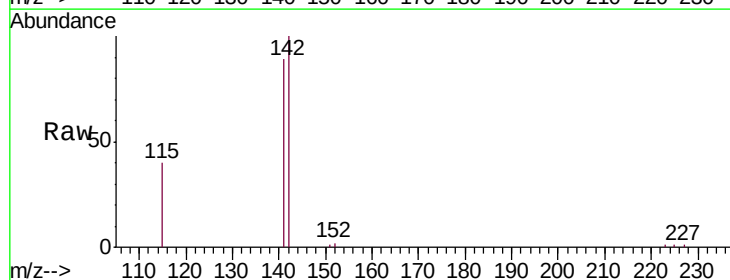
Tgt Ion:142 Resp: 14130

Ion Ratio Lower Upper

142 100

141 89.2 72.8 109.2

115 39.8 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

11.83

10000

8000

6000

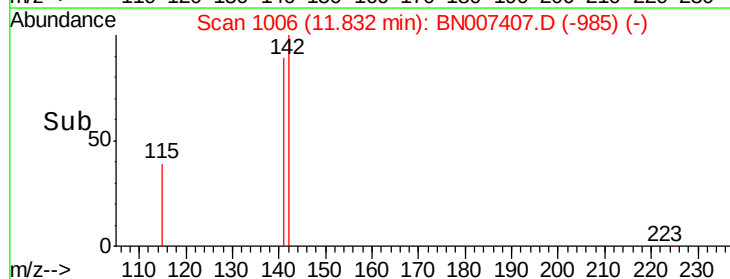
4000

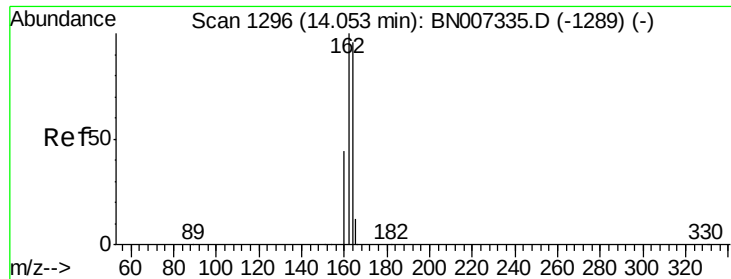
2000

0

11.80 11.90

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

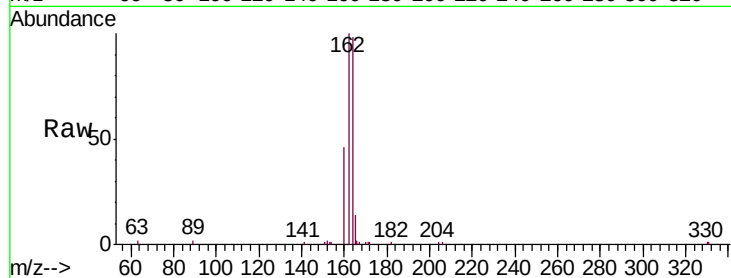
Tot Ion:164 Resp: 10995

Ion Ratio Lower Upper

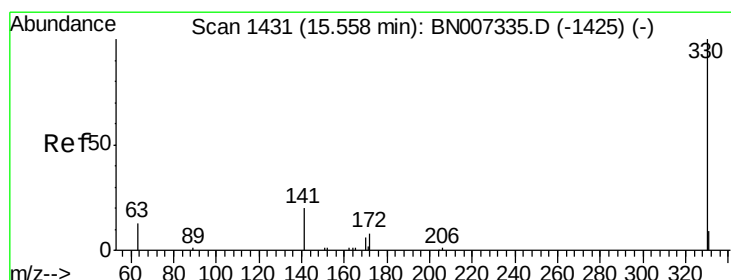
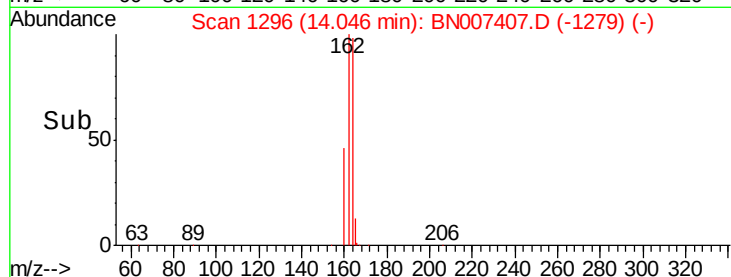
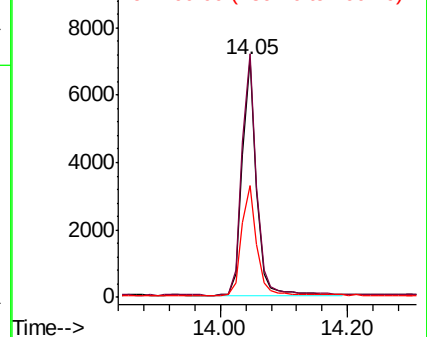
164 100

162 102.3 83.5 125.3

160 47.1 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: 0.301 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

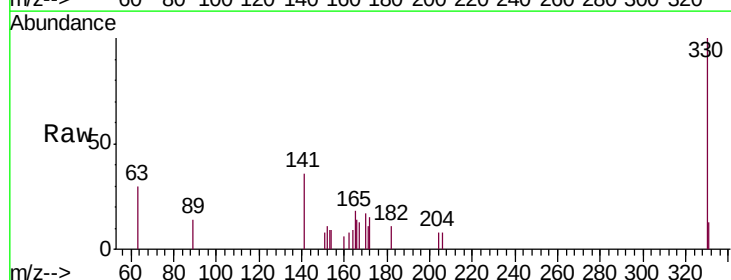
Tgt Ion:330 Resp: 1734

Ion Ratio Lower Upper

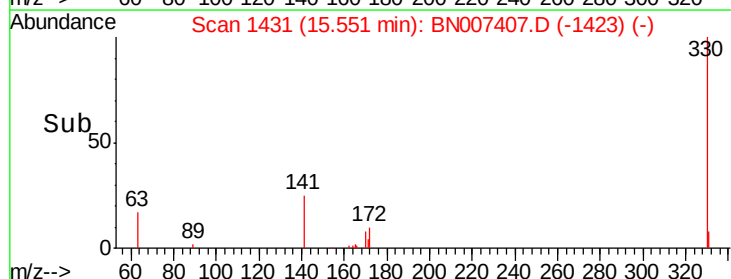
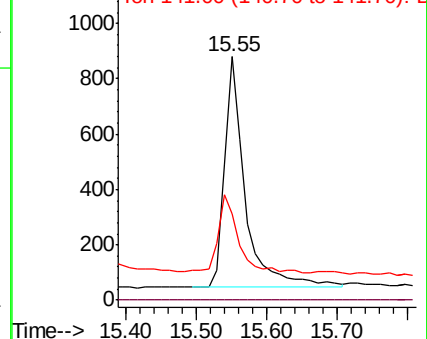
330 100

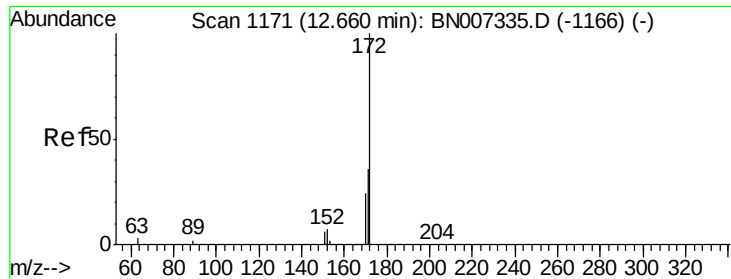
332 0.0 0.0 0.0

141 32.7 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

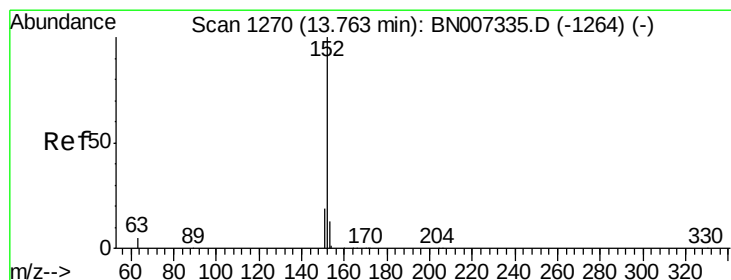
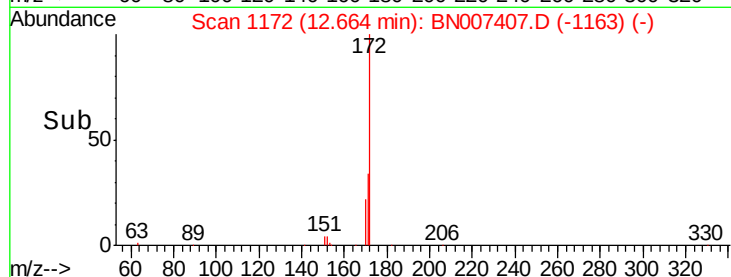
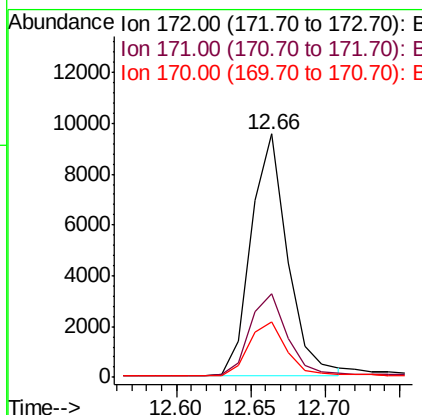
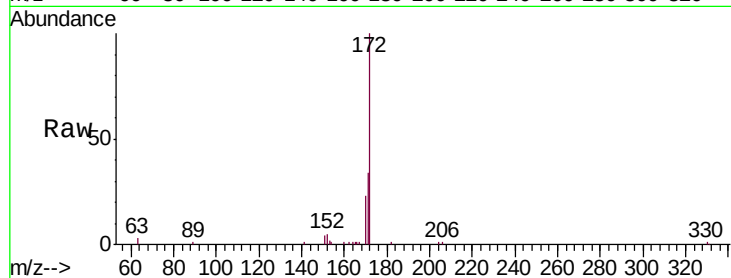




#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

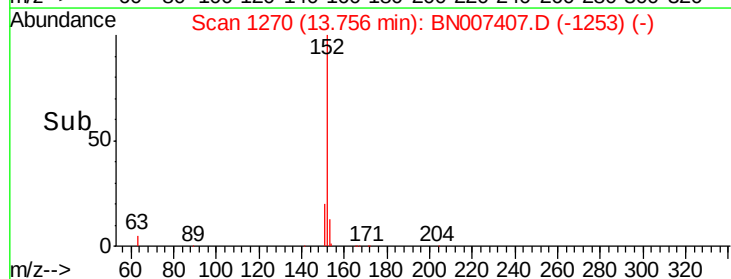
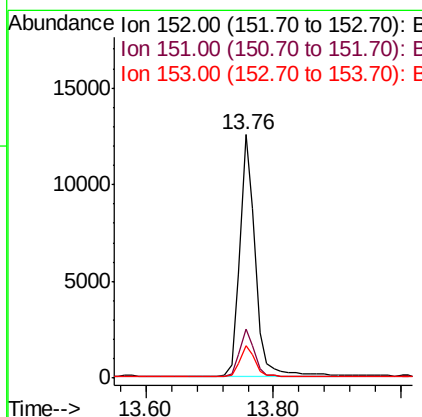
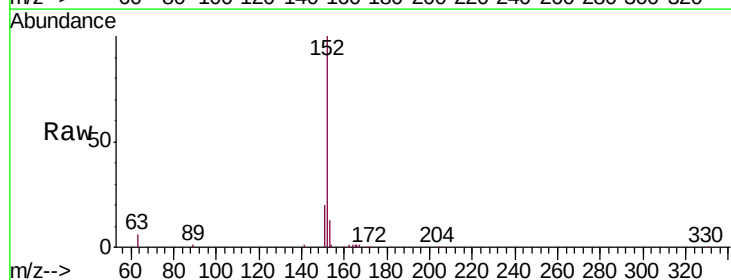
Instrument :
BNA_N
ClientSampleId :

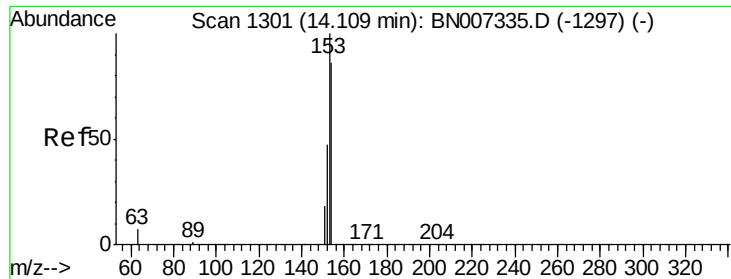
Tot Ion:172 Resp: 16297
Ion Ratio Lower Upper
172 100
171 34.3 30.3 45.5
170 22.6 20.7 31.1



#16
Acenaphthylene
Concen: 0.327 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:152 Resp: 21264
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.3 10.6 15.8

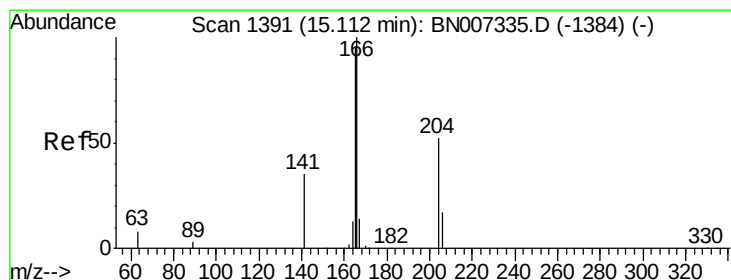
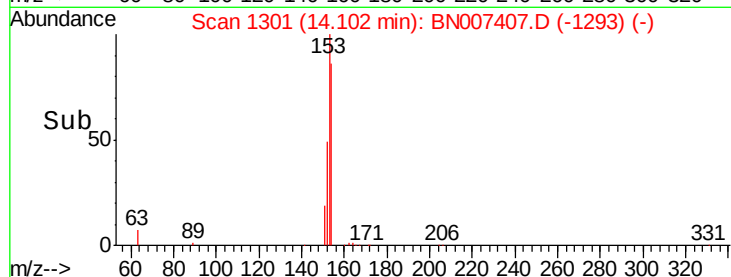
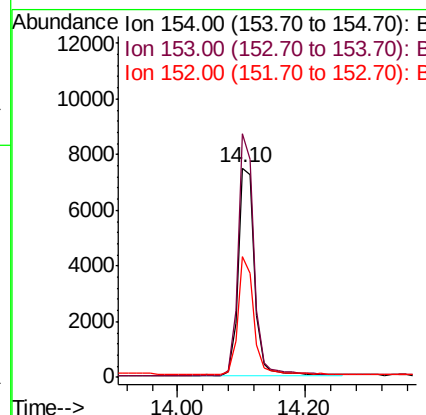
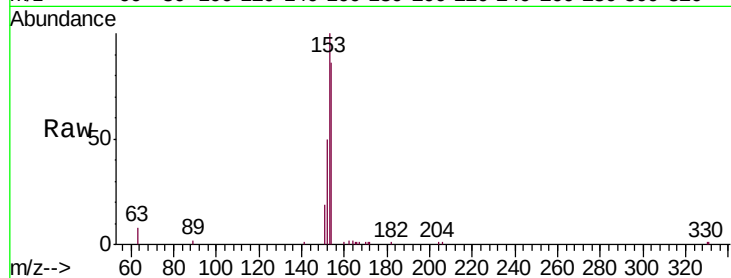




#17
Acenaphthene
Concen: 0.357 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

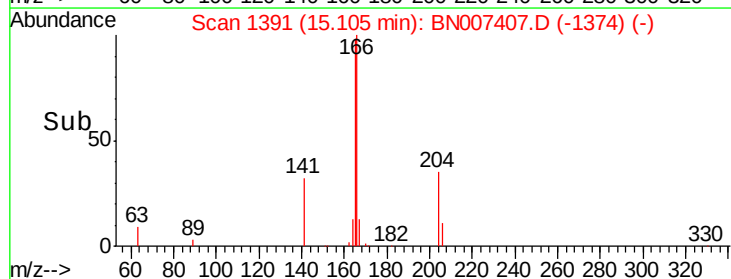
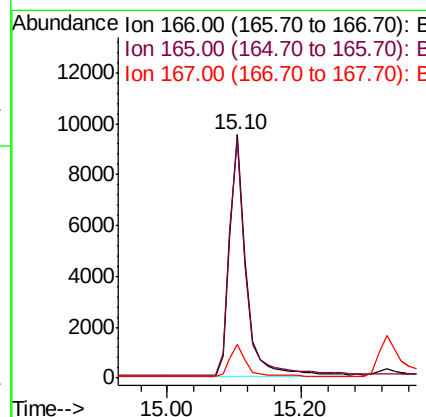
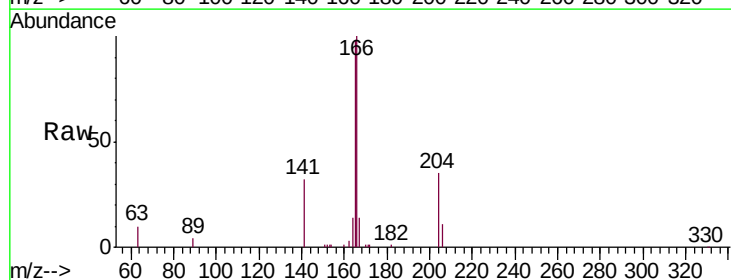
Instrument :
BNA_N
ClientSampleId :

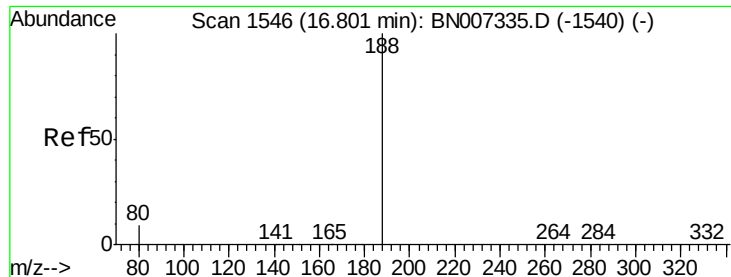
Tot Ion:154 Resp: 13576
Ion Ratio Lower Upper
154 100
153 112.1 92.8 139.2
152 54.3 43.8 65.8



#18
Fluorene
Concen: 0.339 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:166 Resp: 16319
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.4
167 13.7 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

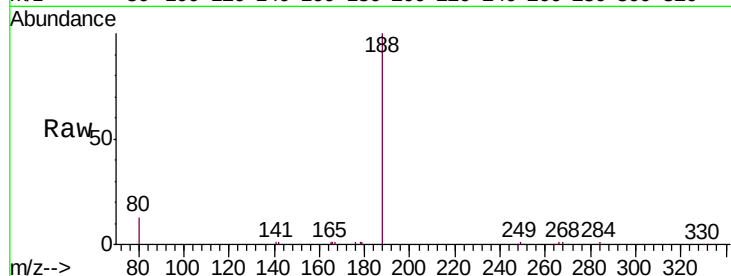
Tot Ion:188 Resp: 24801

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

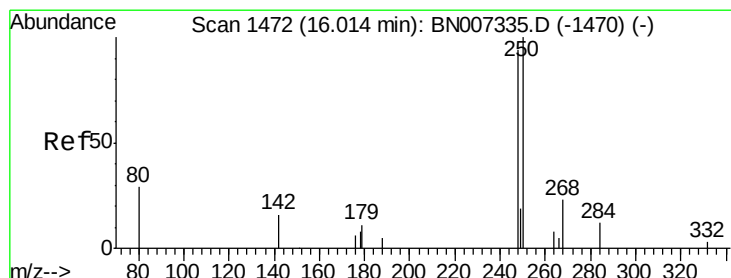
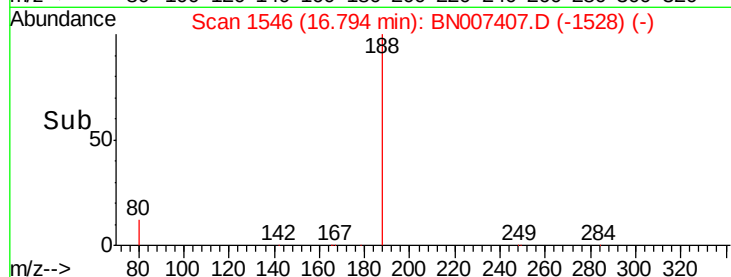
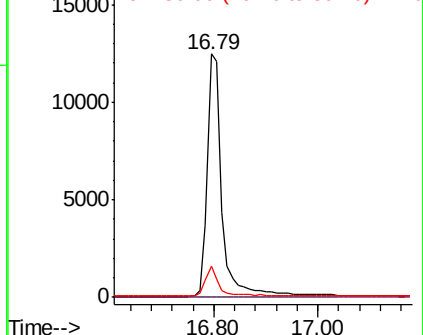
80 12.5 11.8 17.8



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-Bromophenyl-phenylether

Concen: 0.356 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

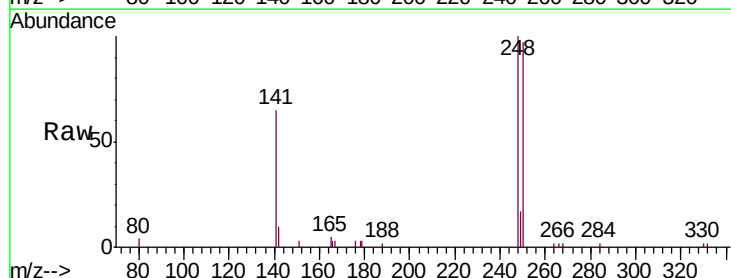
Tgt Ion:248 Resp: 3485

Ion Ratio Lower Upper

248 100

250 97.4 85.0 127.6

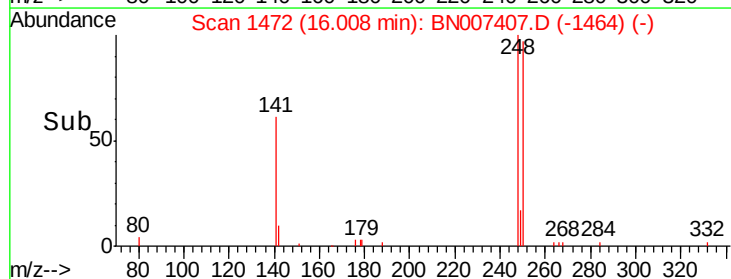
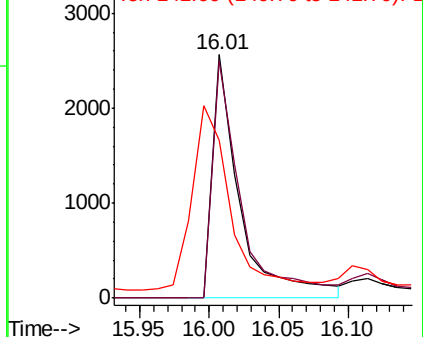
141 64.7 51.7 77.5

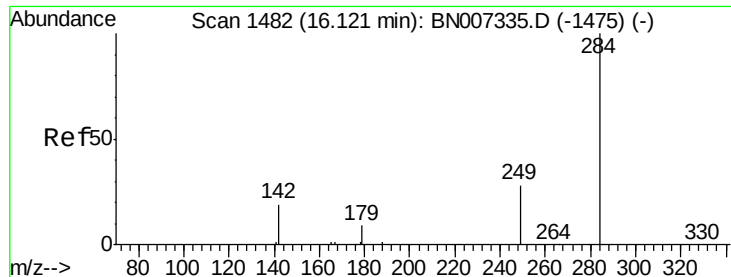


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

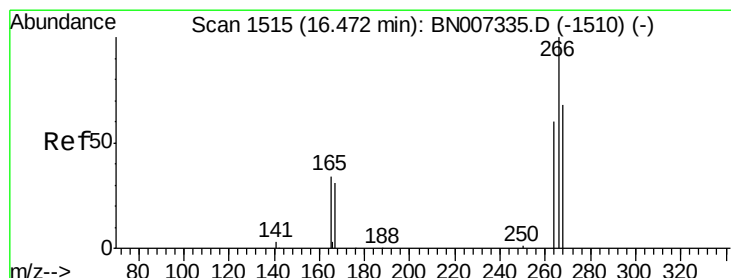
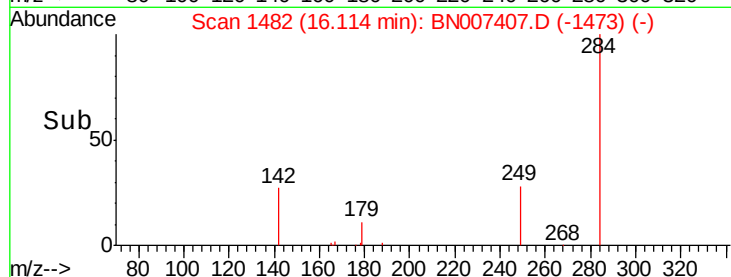
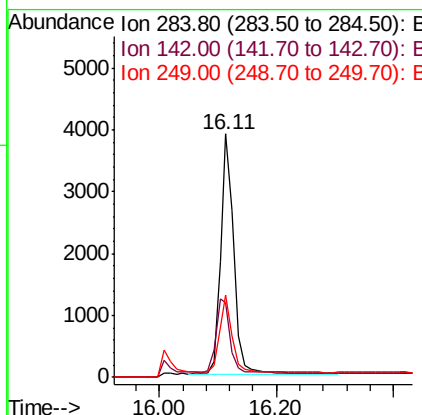
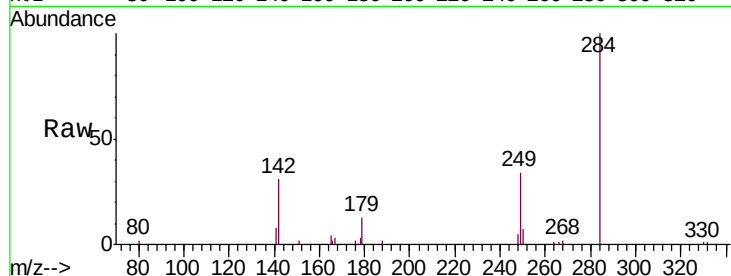




#21
Hexachlorobenzene
Concen: 0.370 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

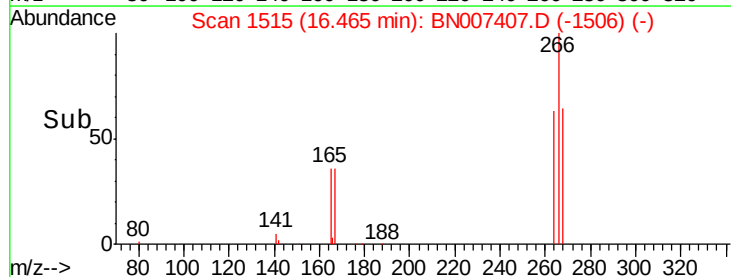
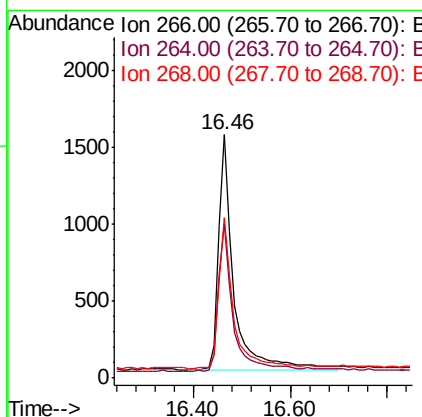
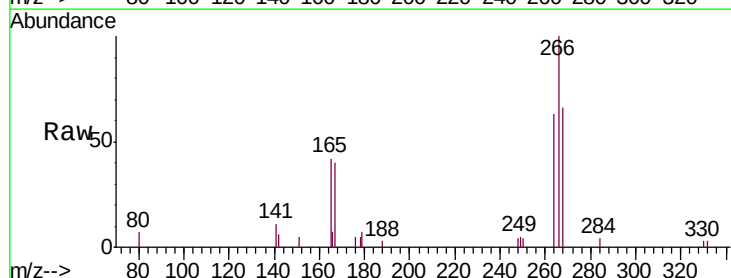
Instrument :
BNA_N
ClientSampleId :

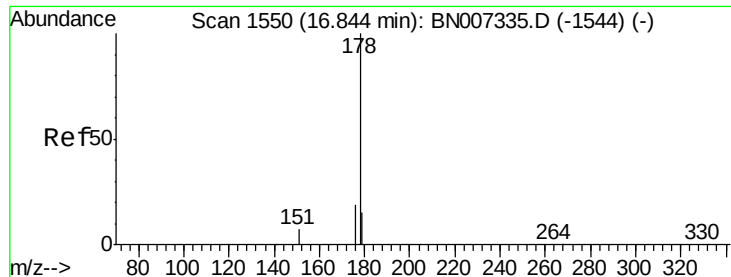
Tot Ion:284 Resp: 6153
Ion Ratio Lower Upper
284 100
142 34.3 29.0 43.6
249 29.9 24.9 37.3



#22
Pentachlorophenol
Concen: 0.638 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:266 Resp: 3295
Ion Ratio Lower Upper
266 100
264 63.2 57.8 86.8
268 65.7 99.7 149.5#





#23

Phenanthrene

Concen: 0.351 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

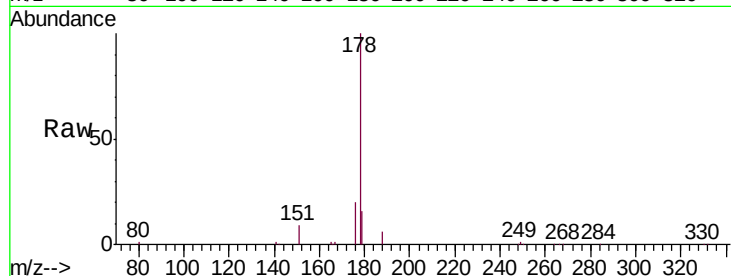
Tot Ion:178 Resp: 26202

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

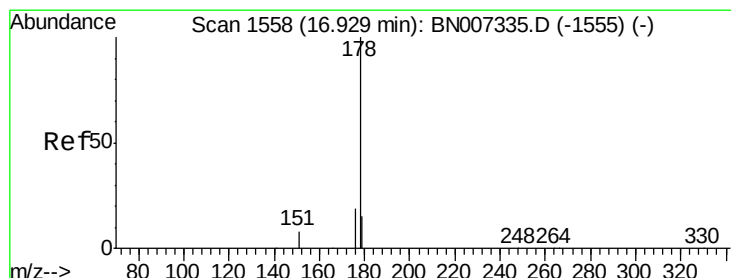
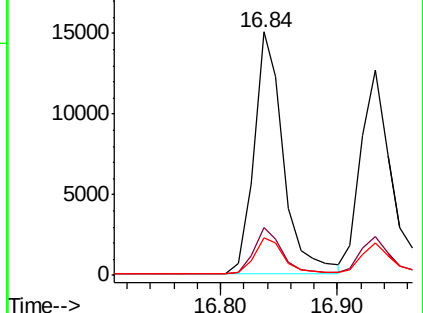
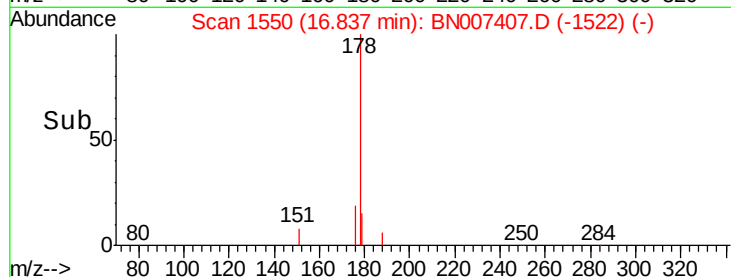
179 15.2 12.6 19.0



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: 0.305 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

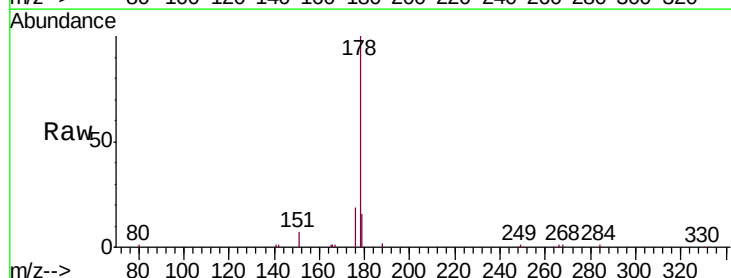
Tgt Ion:178 Resp: 22903

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

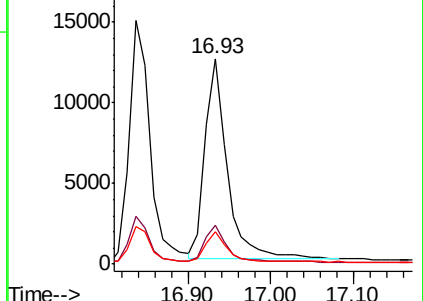
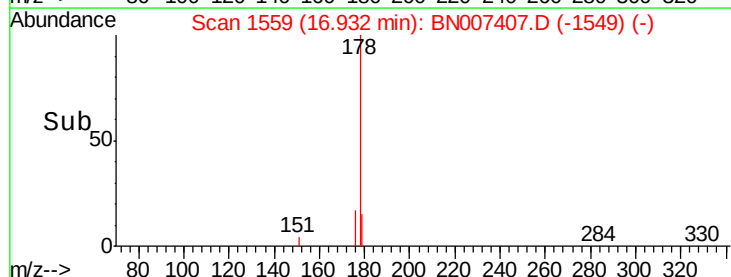
179 15.2 12.4 18.6

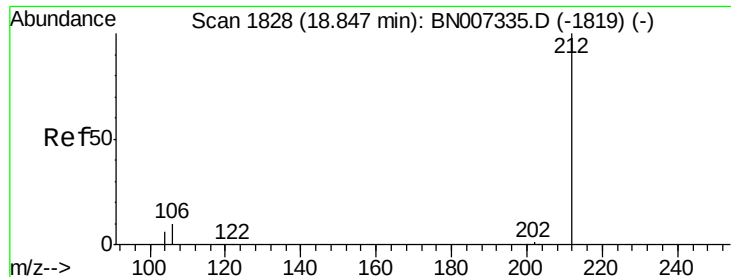


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.331 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

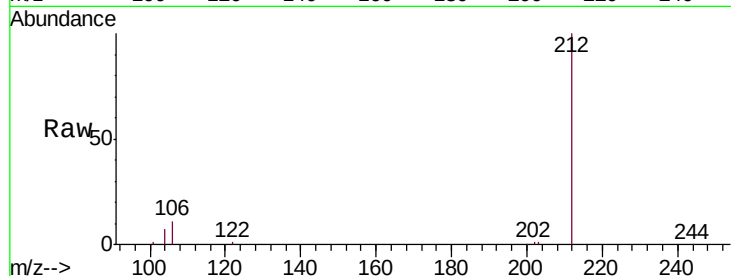
Tot Ion:212 Resp: 26451

Ion Ratio Lower Upper

212 100

106 11.5 9.0 13.4

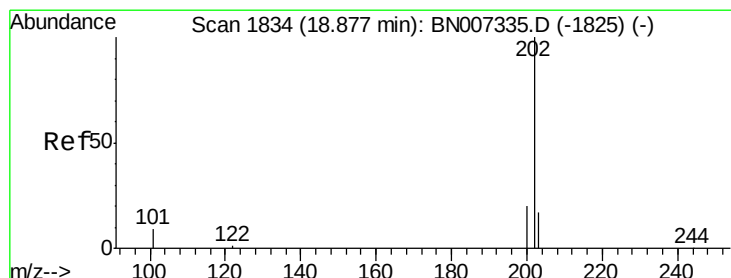
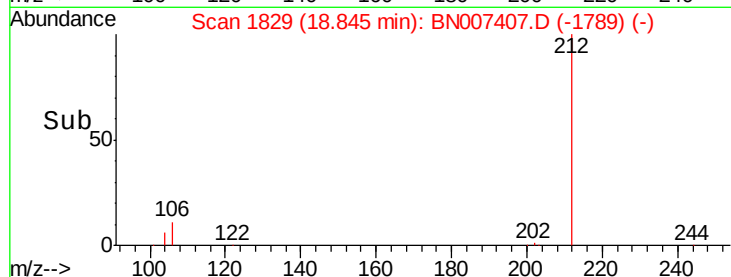
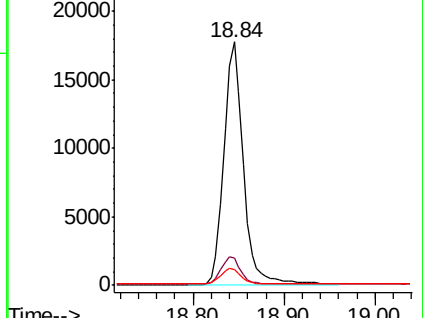
104 6.7 5.4 8.2



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: 0.339 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

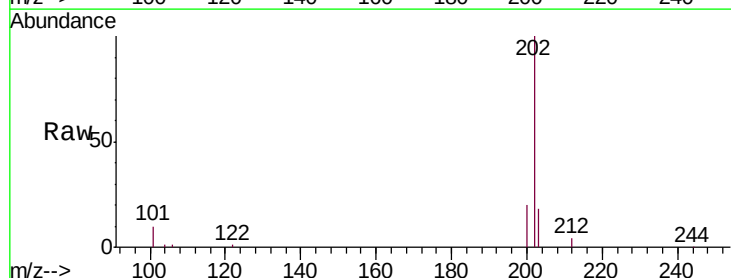
Tgt Ion:202 Resp: 32431

Ion Ratio Lower Upper

202 100

101 10.1 7.7 11.5

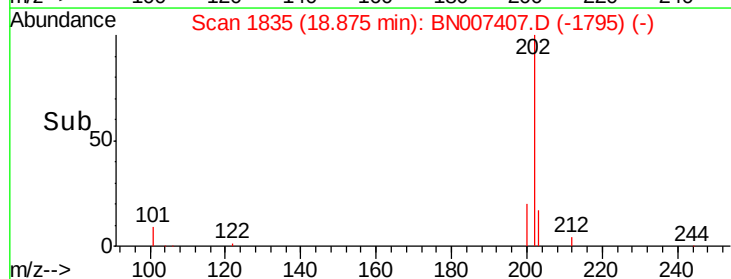
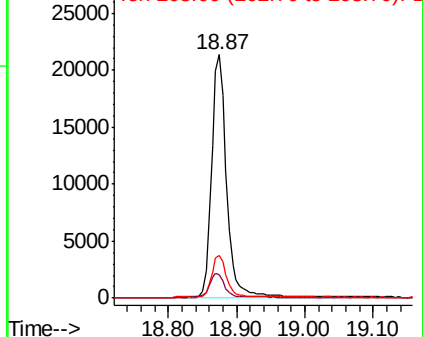
203 17.1 13.7 20.5

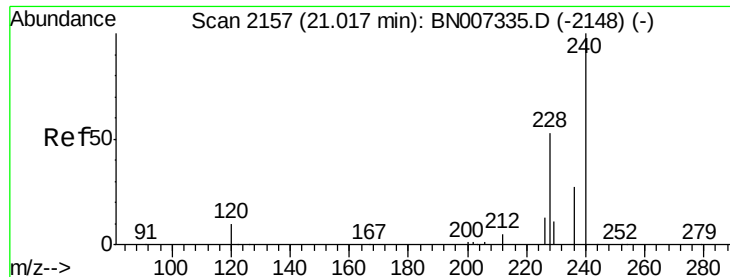


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.03 min Scan# 2159

Delta R.T. 0.01 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

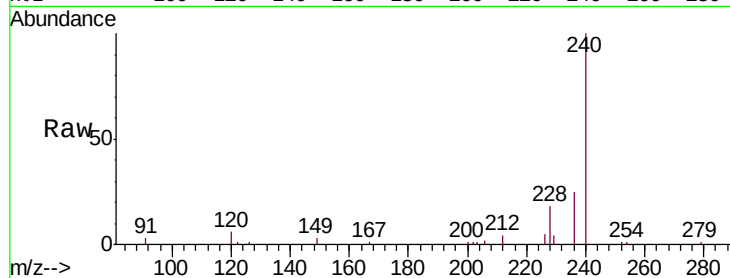
Tot Ion:240 Resp: 25736

Ion Ratio Lower Upper

240 100

120 6.0 9.6 14.4#

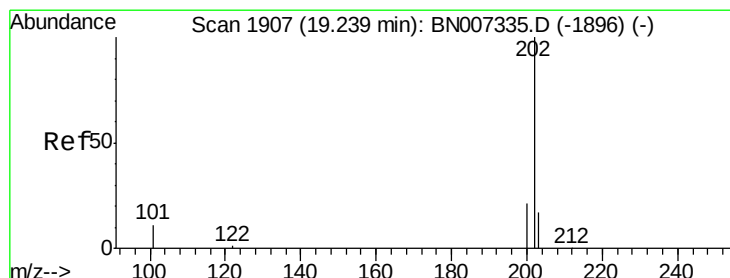
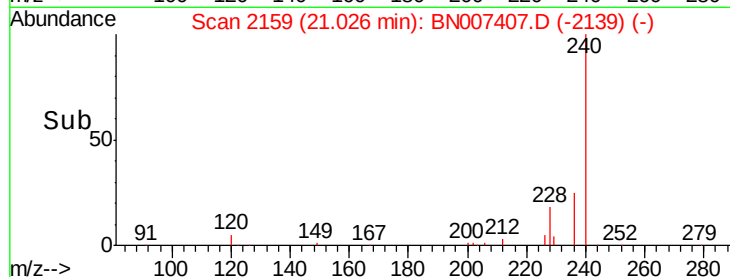
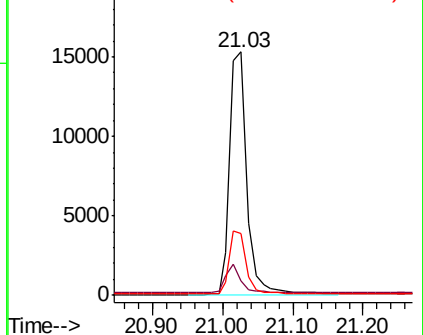
236 25.3 22.2 33.2



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: 0.319 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

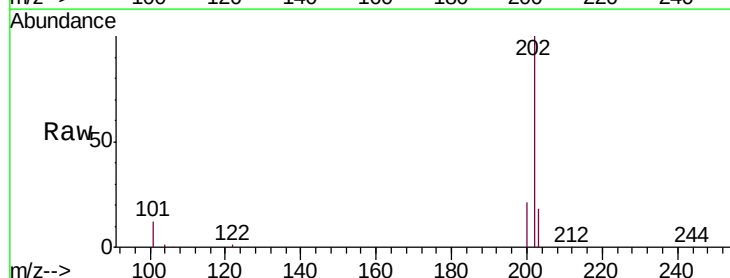
Tgt Ion:202 Resp: 33071

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

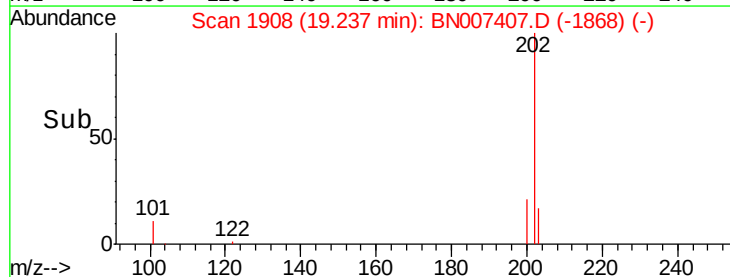
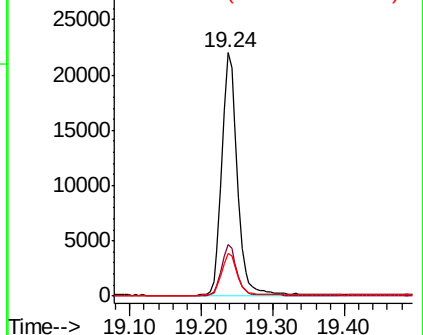
203 17.4 14.2 21.4

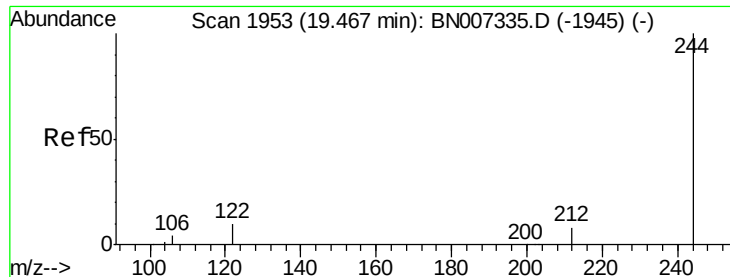


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.285 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

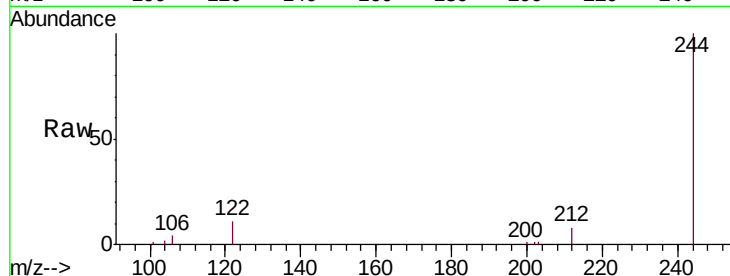
Tot Ion:244 Resp: 19189

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

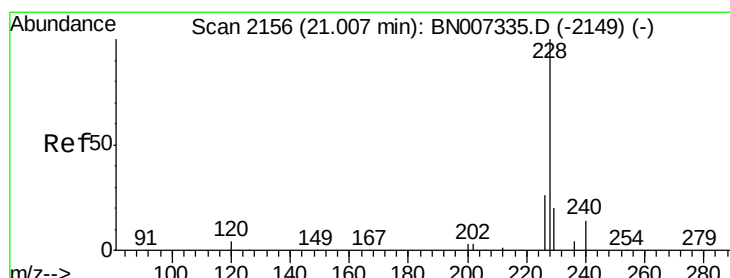
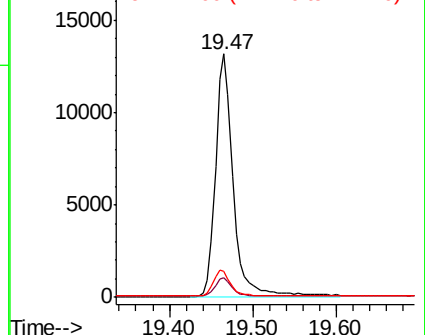
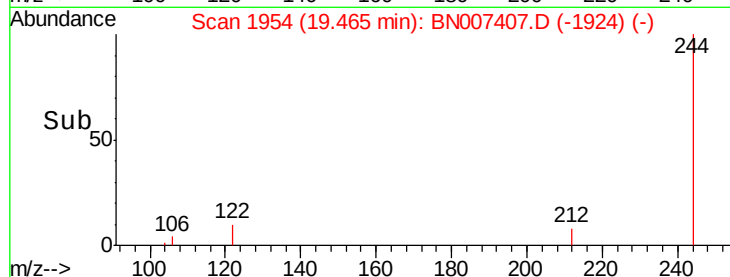
122 10.5 9.6 14.4



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: 0.293 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

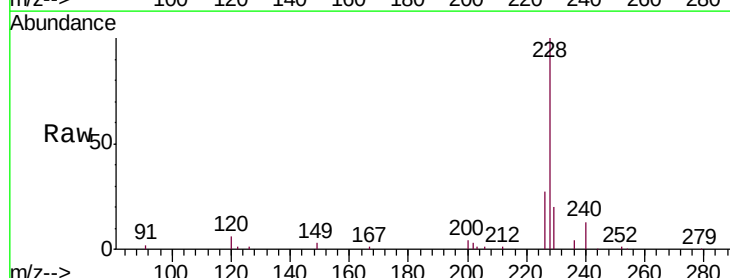
Tgt Ion:228 Resp: 29626

Ion Ratio Lower Upper

228 100

226 26.9 21.3 31.9

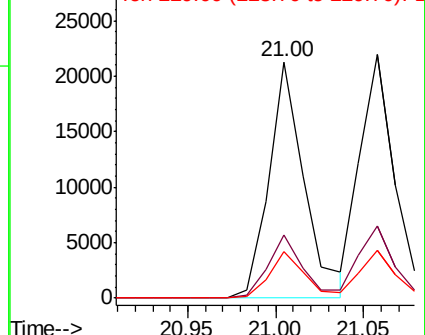
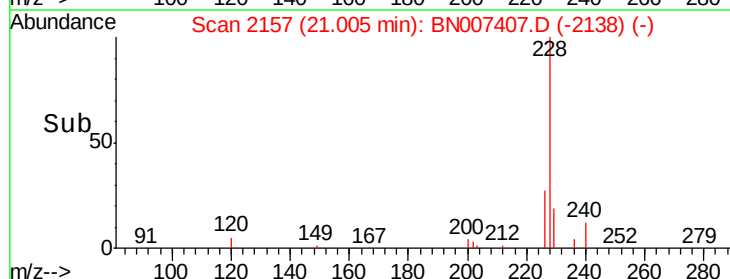
229 19.6 16.1 24.1

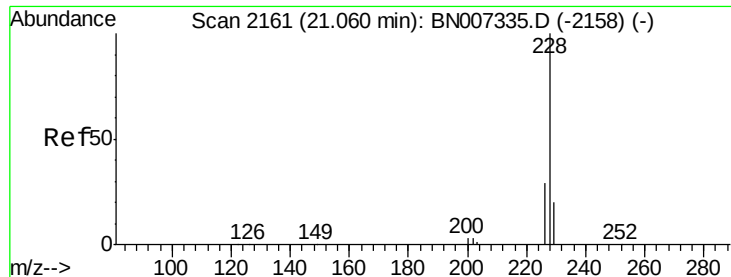


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.314 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

ClientSampled :

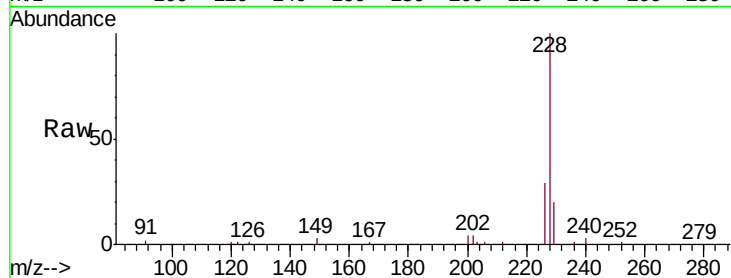
Tot Ion:228 Resp: 30636

Ion Ratio Lower Upper

228 100

226 29.5 23.5 35.3

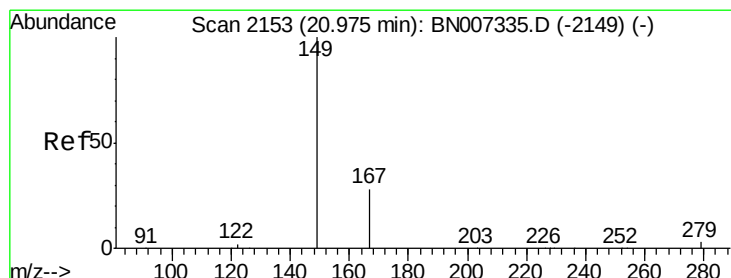
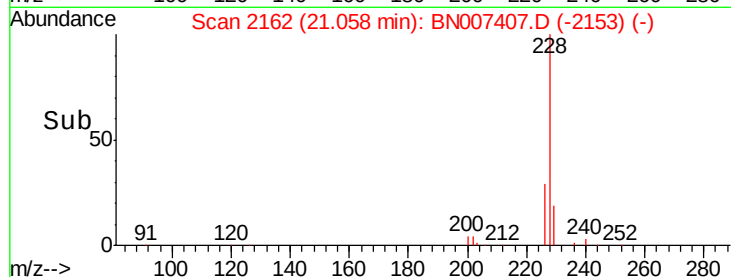
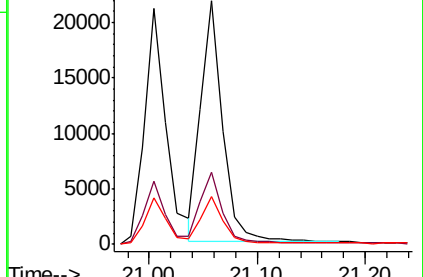
229 19.6 16.6 24.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.170 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

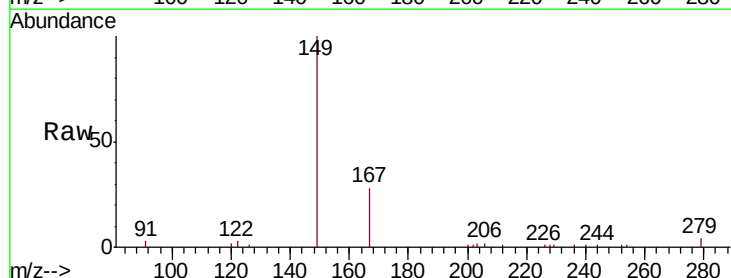
Tgt Ion:149 Resp: 12356

Ion Ratio Lower Upper

149 100

167 27.9 22.8 34.2

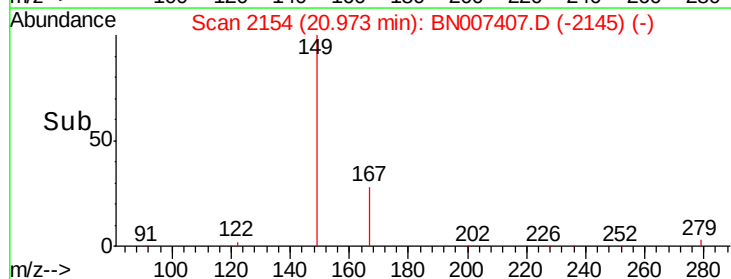
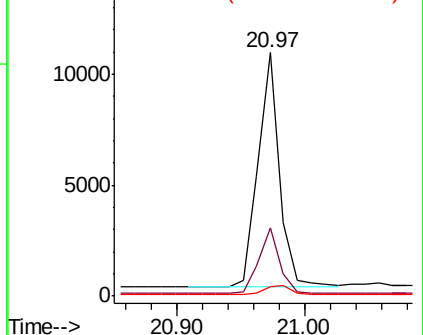
279 4.1 3.5 5.3

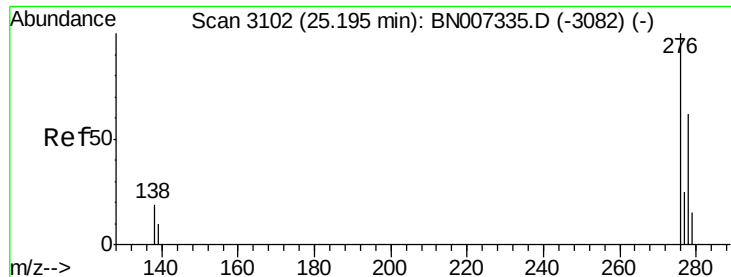


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

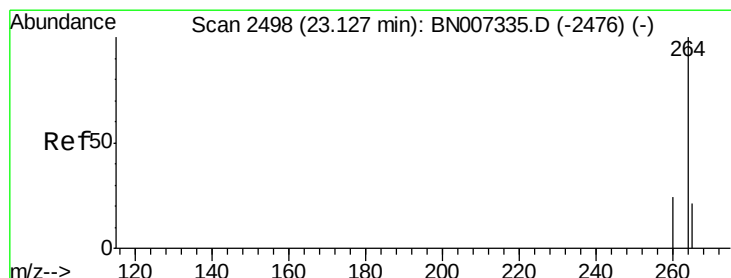
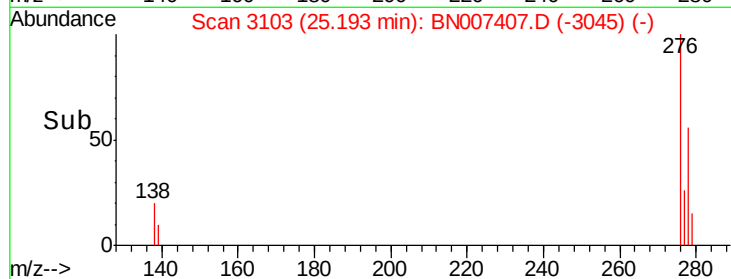
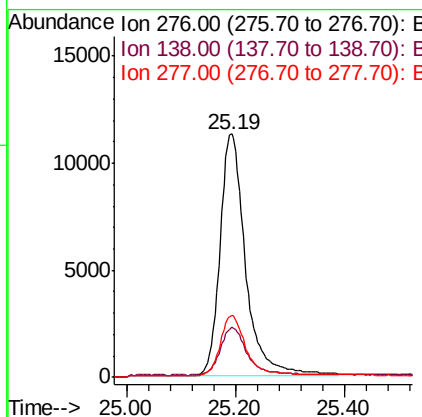
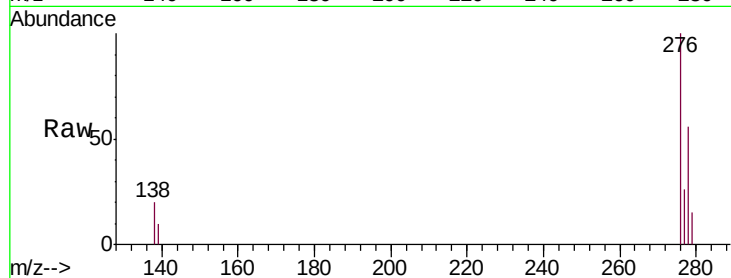




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.314 ng
 RT: 25.19 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BN007407.D
 Acq: 26 Aug 2019 12:54

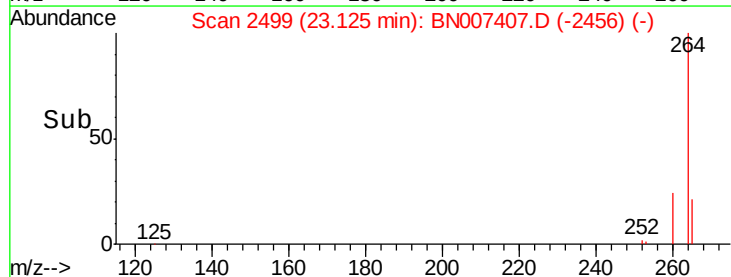
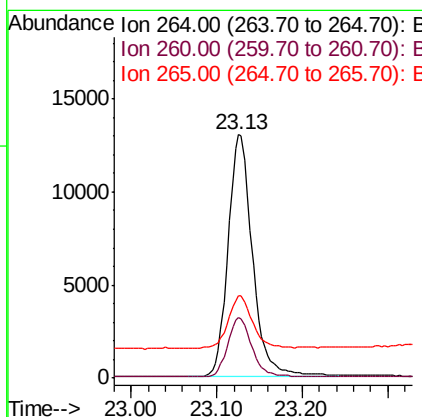
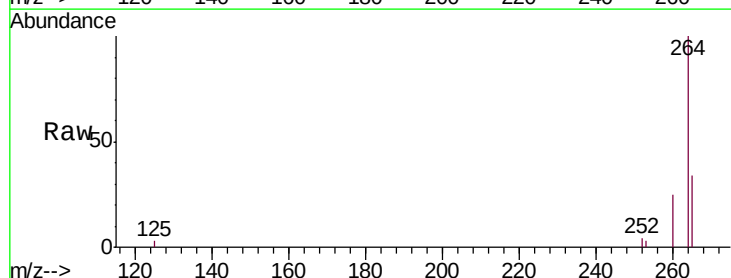
Instrument :
 BNA_N
 ClientSampleId :

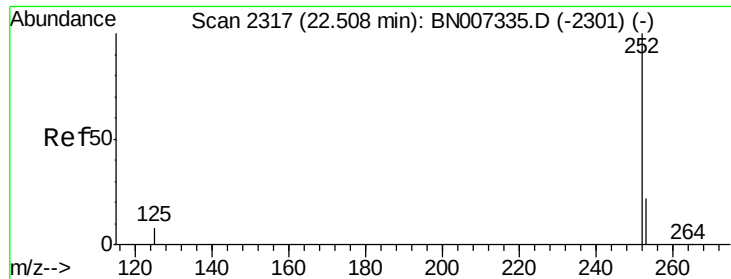
Tot Ion:276 Resp: 36895
 Ion Ratio Lower Upper
 276 100
 138 20.7 15.1 22.7
 277 25.0 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BN007407.D
 Acq: 26 Aug 2019 12:54

Tgt Ion:264 Resp: 25844
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 33.6 29.9 44.9

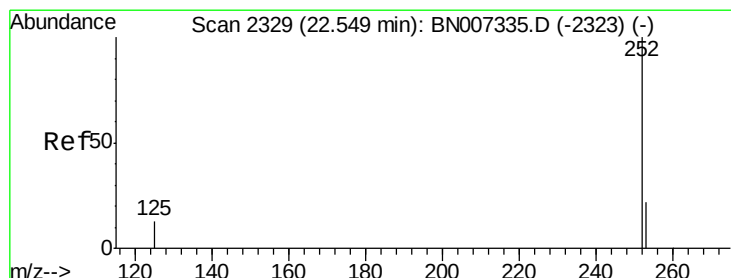
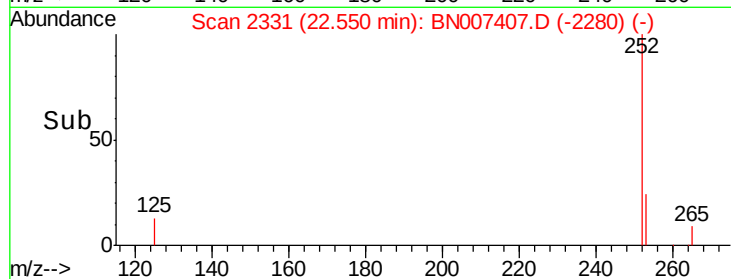
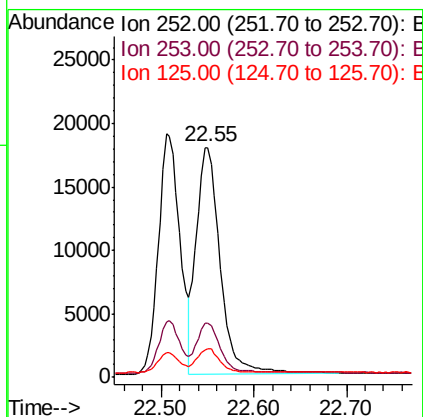
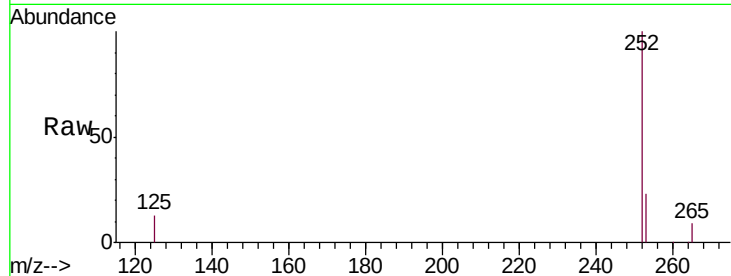




#35
Benzo(b)fluoranthene
Concen: 0.336 ng
RT: 22.55 min Scan# 2331
Delta R.T. 0.04 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

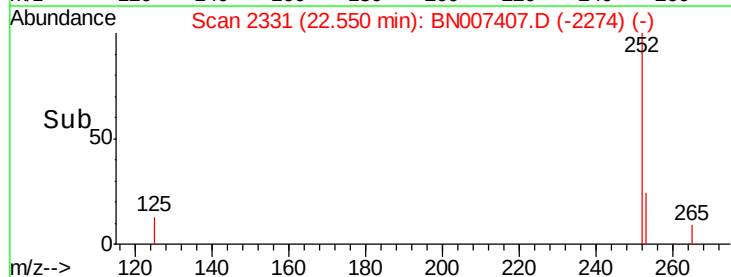
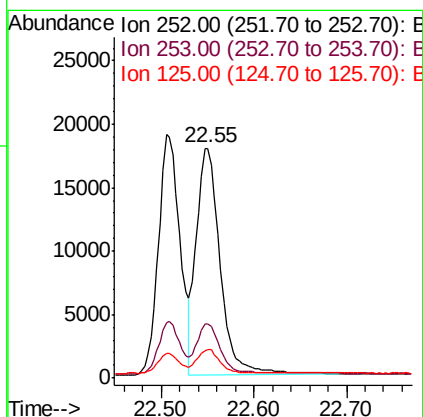
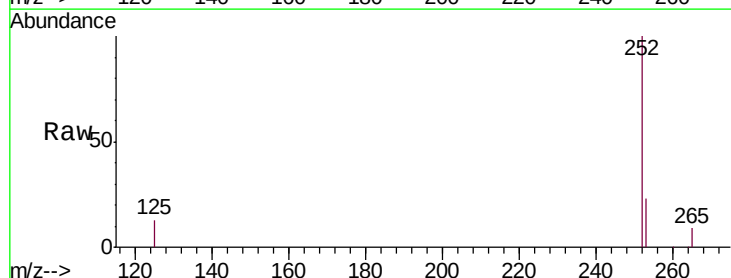
Instrument :
BNA_N
ClientSampleId :

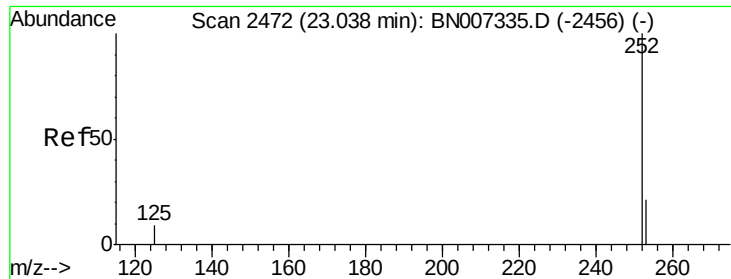
Tot Ion:252 Resp: 31474
Ion Ratio Lower Upper
252 100
253 23.4 19.2 28.8
125 12.6 10.6 16.0



#36
Benzo(k)fluoranthene
Concen: 0.340 ng
RT: 22.55 min Scan# 2331
Delta R.T. 0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:252 Resp: 31474
Ion Ratio Lower Upper
252 100
253 23.4 19.4 29.2
125 12.6 13.1 19.7#





#37

Benzo(a)pyrene

Concen: 0.319 ng

RT: 23.04 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :

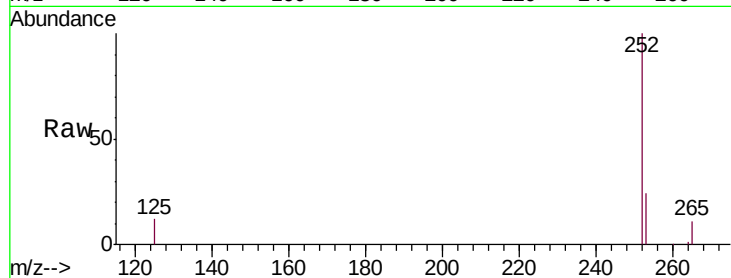
Tot Ion:252 Resp: 28412

Ion Ratio Lower Upper

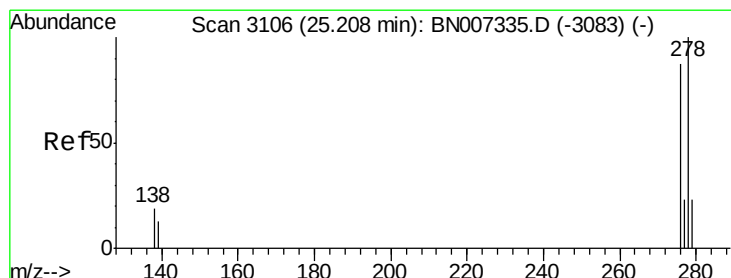
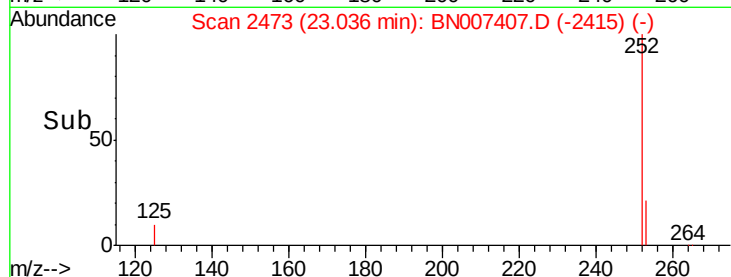
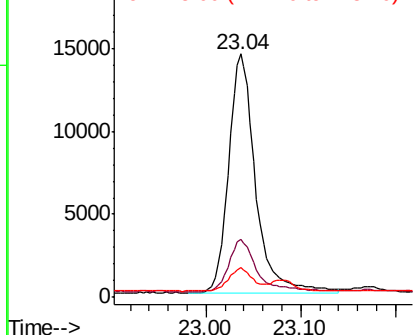
252 100

253 23.6 19.5 29.3

125 12.1 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: 0.330 ng

RT: 25.21 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

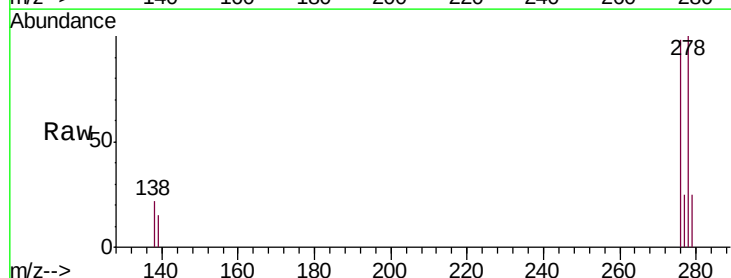
Tgt Ion:278 Resp: 29352

Ion Ratio Lower Upper

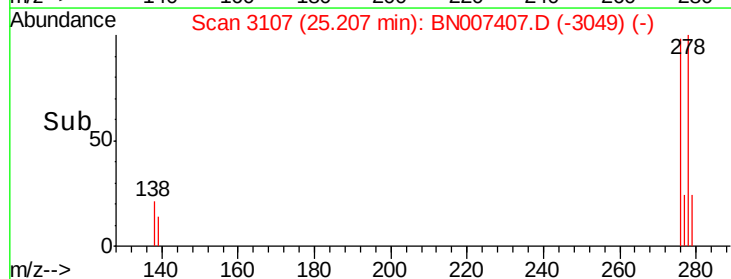
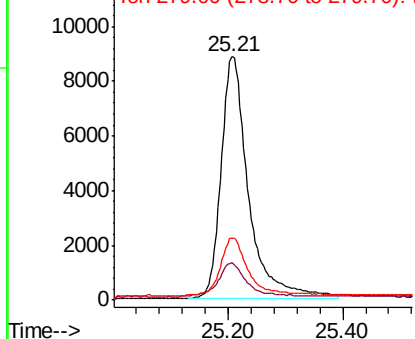
278 100

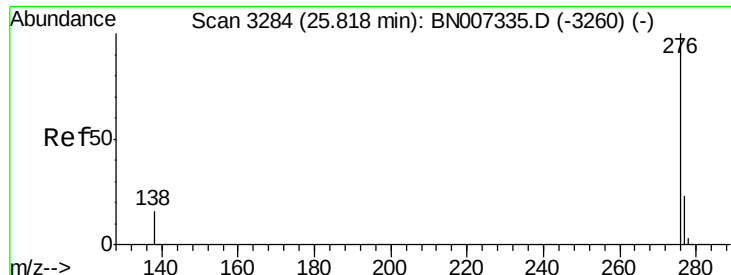
139 15.3 13.7 20.5

279 25.4 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: 0.346 ng

RT: 25.82 min Scan# 3285

Delta R.T. -0.00 min

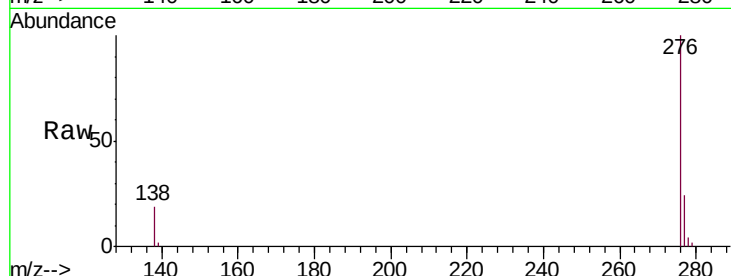
Lab File: BN007407.D

Acq: 26 Aug 2019 12:54

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 30625

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 18.7 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

