

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007308.D
 Acq On : 22 Aug 2019 01:59
 Operator : HP/JU
 Sample : PB122289BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 22 05:02:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 18:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	4922	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	18250	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	9905	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	23865	0.40	ng	0.00
27) Chrysene-d12	21.03	240	27765	0.40	ng	0.00
34) Perylene-d12	23.14	264	31196	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	5171	0.34	ng	0.00
5) Phenol-d6	6.61	99	6353	0.37	ng	0.00
8) Nitrobenzene-d5	8.54	82	4642	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	14226	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	1962	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	13625	0.32	ng	0.00
25) Fluoranthene-d10	18.85	212	28249	0.37	ng	0.00
29) Terphenyl-d14	19.48	244	21921	0.32	ng	0.00

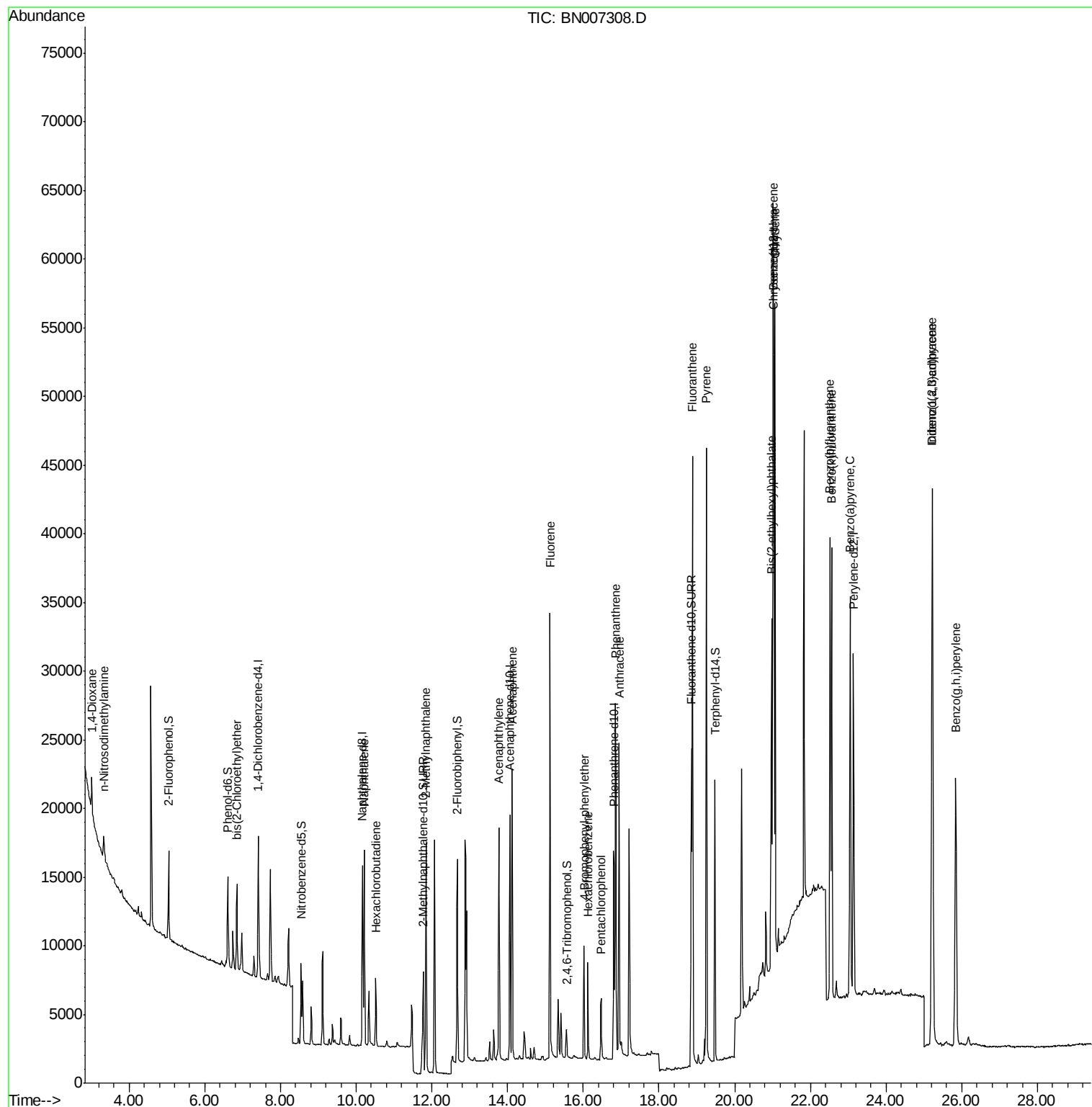
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1642	0.235	ng	# 63
3) n-Nitrosodimethylamine	3.33	42	1369	0.292	ng	93
6) bis(2-Chloroethyl)ether	6.85	93	4942	0.340	ng	98
9) Naphthalene	10.22	128	17933	0.347	ng	99
10) Hexachlorobutadiene	10.52	225	3936	0.345	ng	# 98
12) 2-Methylnaphthalene	11.85	142	12673	0.354	ng	99
16) Acenaphthylene	13.77	152	19803	0.377	ng	99
17) Acenaphthene	14.12	154	11668	0.349	ng	99
18) Fluorene	15.12	166	15771	0.361	ng	100
20) 4-Bromophenyl-phenylether	16.02	248	4945	0.362	ng	94
21) Hexachlorobenzene	16.12	284	5423	0.343	ng	98
22) Pentachlorophenol	16.48	266	2587	0.407	ng	99
23) Phenanthrene	16.85	178	27697	0.370	ng	99
24) Anthracene	16.94	178	25742	0.382	ng	98
26) Fluoranthene	18.88	202	43538	0.481	ng	99
28) Pyrene	19.25	202	44165	0.425	ng	98
30) Benzo(a)anthracene	21.02	228	40377	0.391	ng	97
31) Chrysene	21.07	228	40971	0.389	ng	98
32) Bis(2-ethylhexyl)phthalate	20.98	149	20906	0.507	ng	100
33) Indeno(1,2,3-cd)pyrene	25.21	276	46367	0.366	ng	99
35) Benzo(b)fluoranthene	22.52	252	40296	0.346	ng	# 96
36) Benzo(k)fluoranthene	22.56	252	39368	0.346	ng	# 95
37) Benzo(a)pyrene	23.05	252	39868	0.380	ng	# 95
38) Dibenzo(a,h)anthracene	25.23	278	38502	0.350	ng	95
39) Benzo(g,h,i)perylene	25.84	276	39604	0.356	ng	97

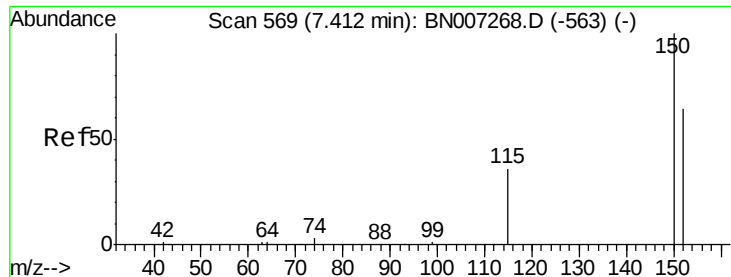
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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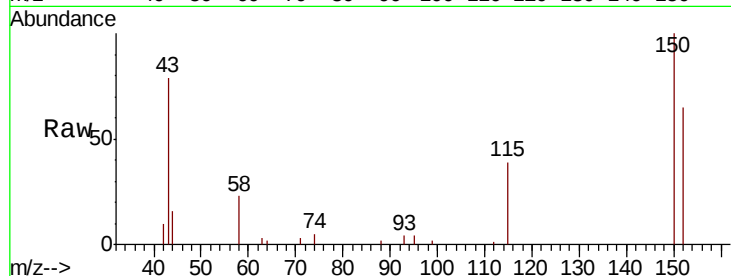


#1

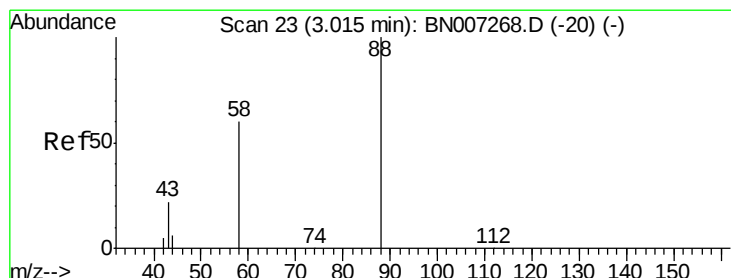
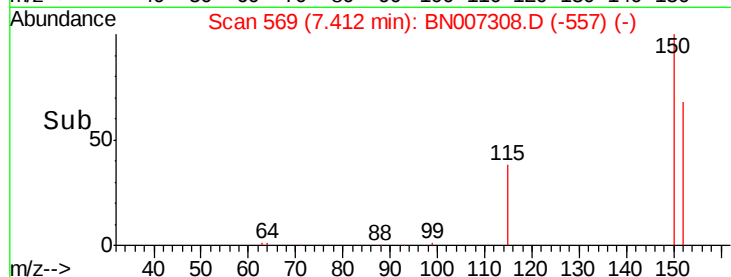
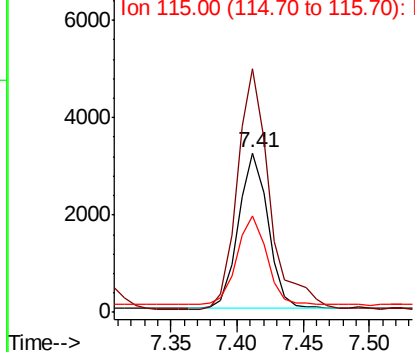
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007308.D
Acq: 22 Aug 2019 01:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4922
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.8
115 60.2 47.3 70.9



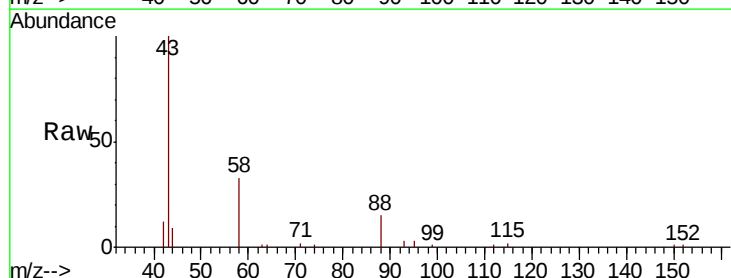
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



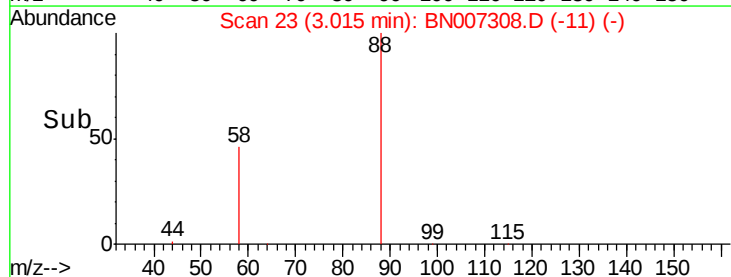
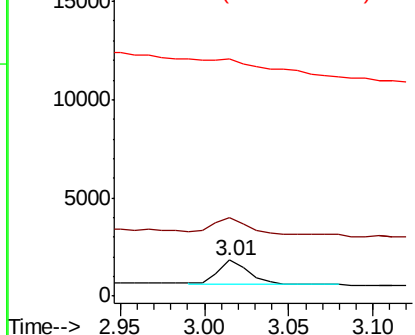
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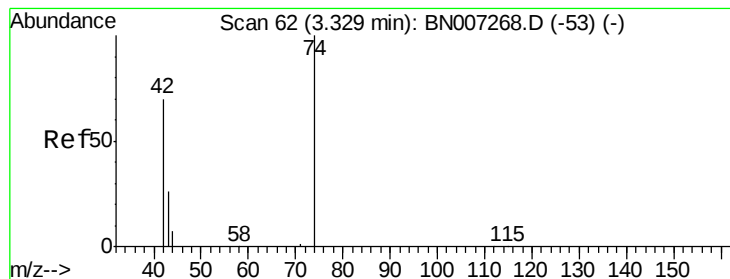
1,4-Dioxane
Concen: 0.235 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007308.D
Acq: 22 Aug 2019 01:59

Tgt Ion: 88 Resp: 1642
Ion Ratio Lower Upper
88 100
58 80.2 45.5 68.3#
43 0.0 20.4 30.6#



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: 0.292 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampleId :

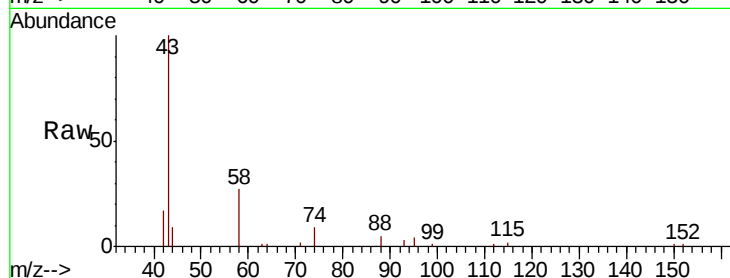
Tot Ion: 42 Resp: 1369

Ion Ratio Lower Upper

42 100

74 145.1 109.0 163.4

44 4.5 4.2 6.2



Abundance Ion 42.00 (41.70 to 42.70): BN007268.D (-53) (-)

Ion 74.00 (73.70 to 74.70): BN007268.D (-53) (-)

Ion 44.00 (43.70 to 44.70): BN007268.D (-53) (-)

2000

1500

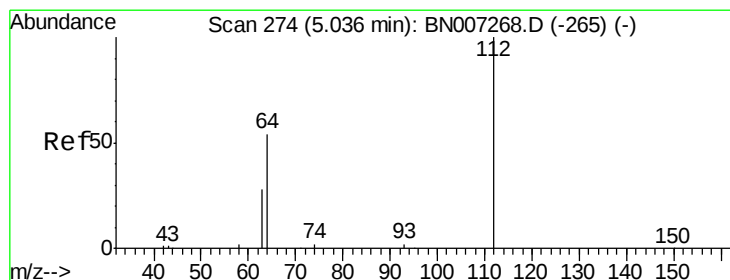
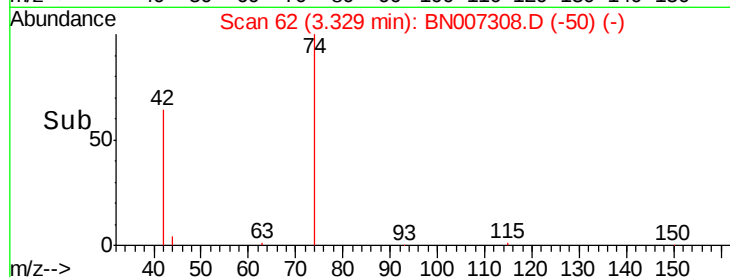
1000

500

0

3.25 3.30 3.35 3.40

Time-->



#4

2-Fluorophenol

Concen: 0.345 ng

RT: 5.04 min Scan# 275

Delta R.T. 0.01 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

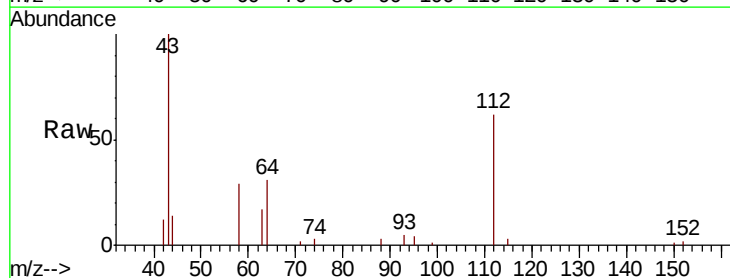
Tgt Ion: 112 Resp: 5171

Ion Ratio Lower Upper

112 100

64 51.7 41.8 62.8

63 27.8 22.6 34.0



Abundance Ion 112.00 (111.70 to 112.70): BN007268.D (-265) (-)

Ion 64.00 (63.70 to 64.70): BN007268.D (-265) (-)

Ion 63.00 (62.70 to 63.70): BN007268.D (-265) (-)

5000

4000

3000

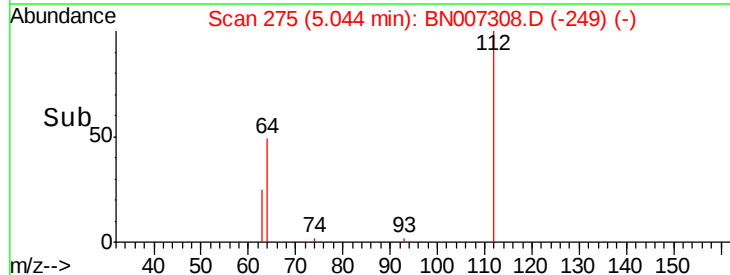
2000

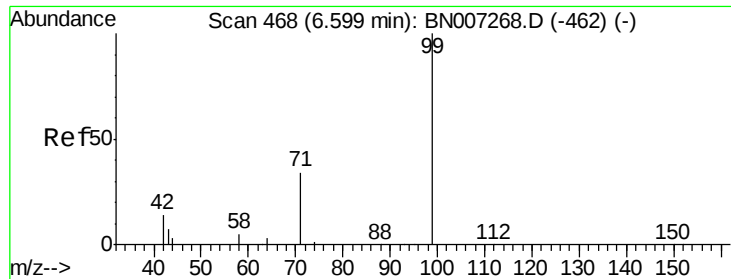
1000

0

4.90 5.00 5.10 5.20

Time-->





#5

Phenol-d6

Concen: 0.367 ng

RT: 6.61 min Scan# 469

Delta R.T. 0.01 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampled :

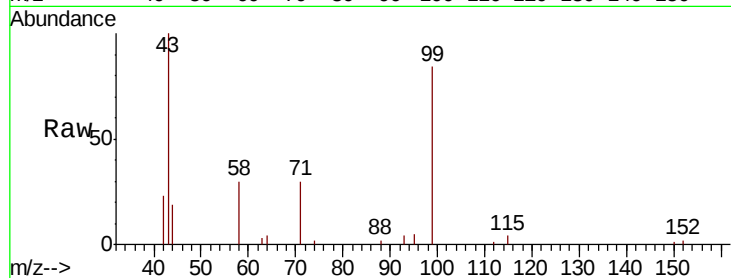
Tot Ion: 99 Resp: 6353

Ion Ratio Lower Upper

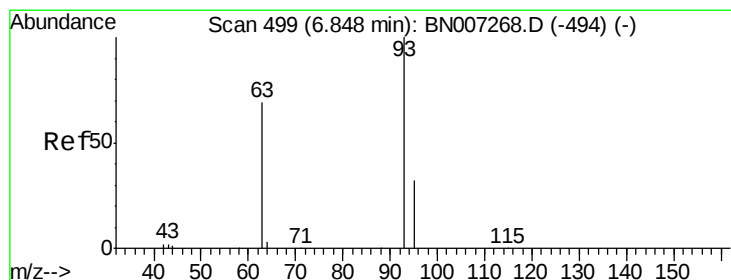
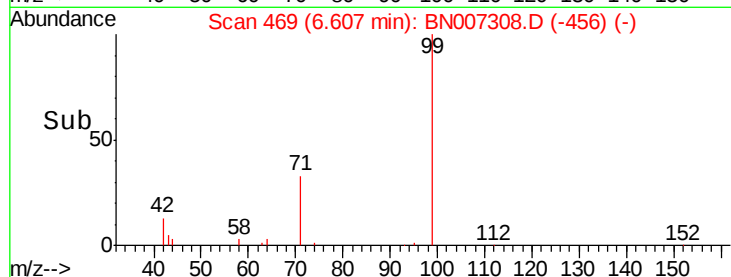
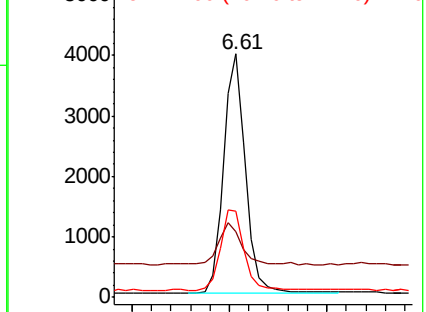
99 100

42 17.1 14.3 21.5

71 34.9 27.3 40.9



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: 0.340 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

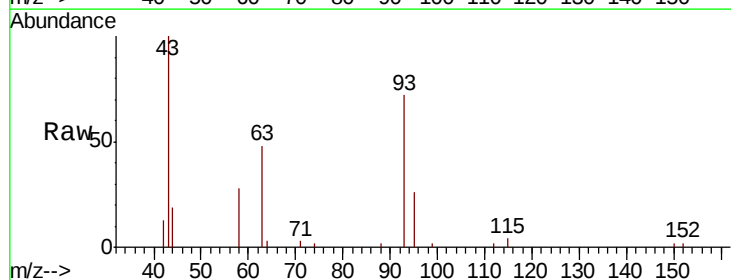
Tgt Ion: 93 Resp: 4942

Ion Ratio Lower Upper

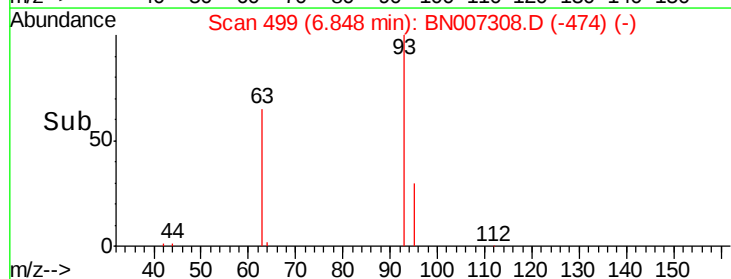
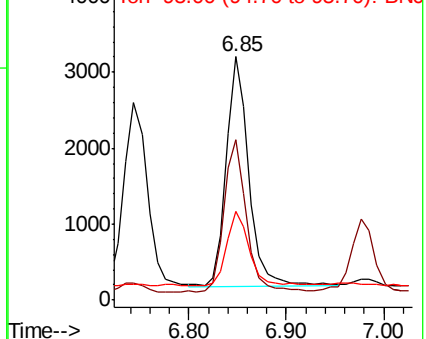
93 100

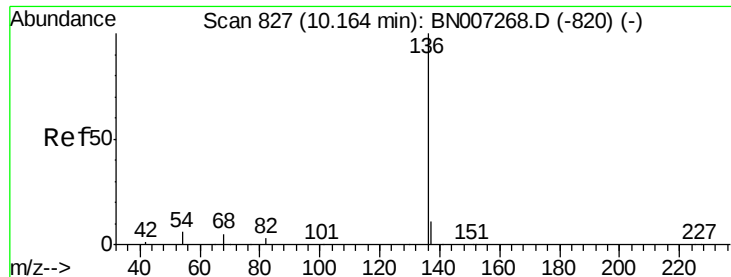
63 66.3 54.4 81.6

95 32.1 25.5 38.3



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: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 18250

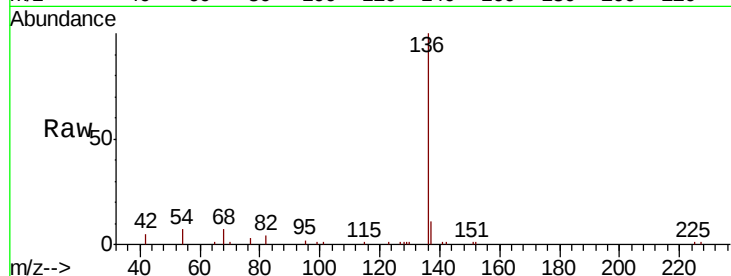
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 7.2 5.9 8.9

68 6.5 5.6 8.4

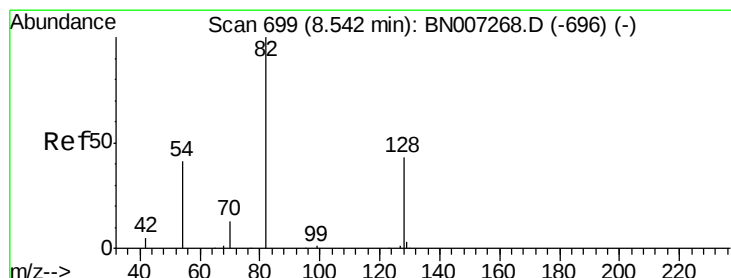
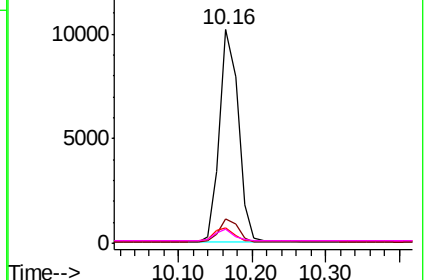
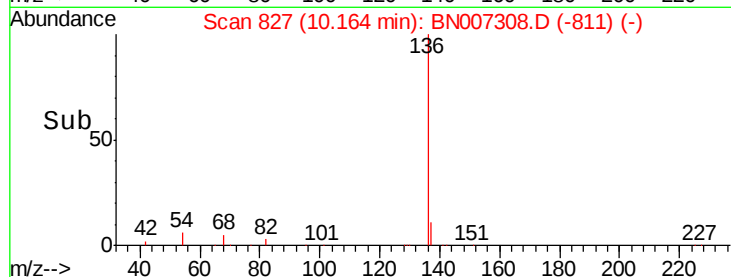


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.331 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

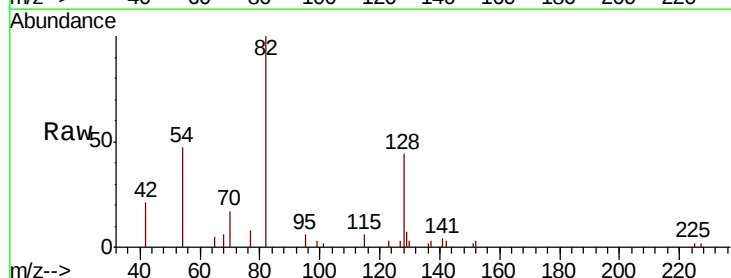
Tgt Ion: 82 Resp: 4642

Ion Ratio Lower Upper

82 100

128 44.2 35.8 53.6

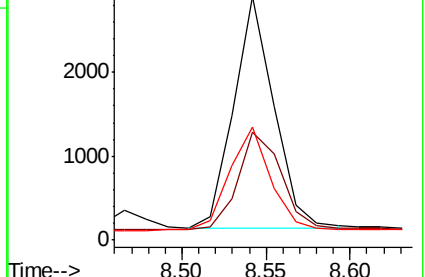
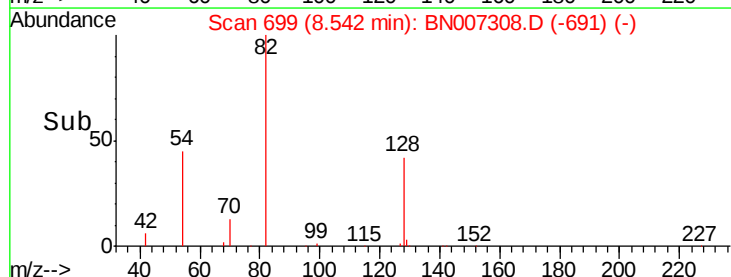
54 46.6 34.7 52.1

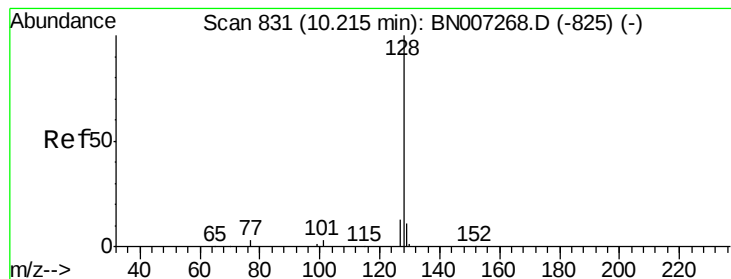


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.347 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampleId :

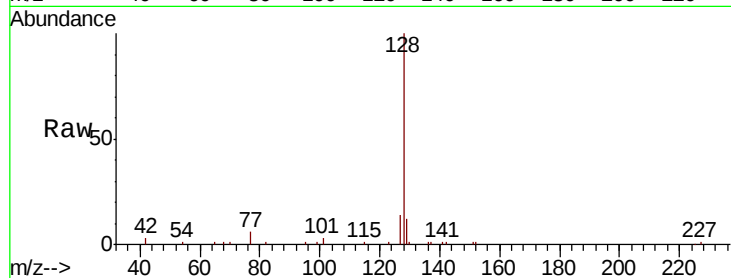
Tot Ion:128 Resp: 17933

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

127 13.6 10.6 16.0

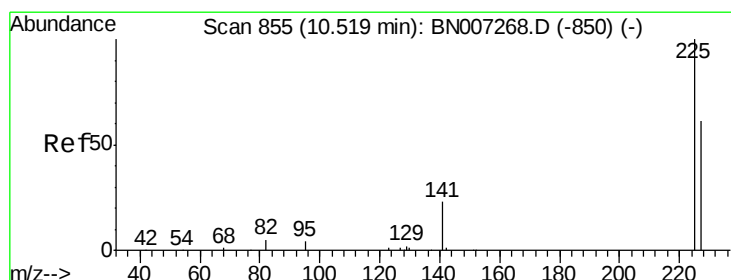
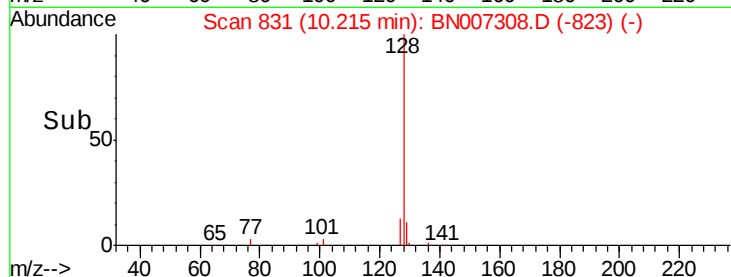
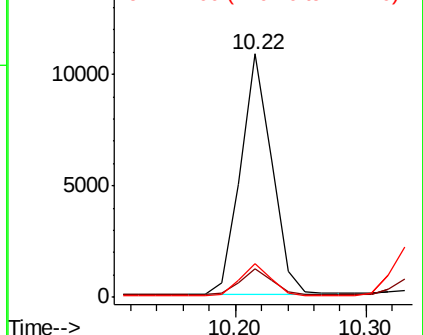


Abundance

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: 0.345 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

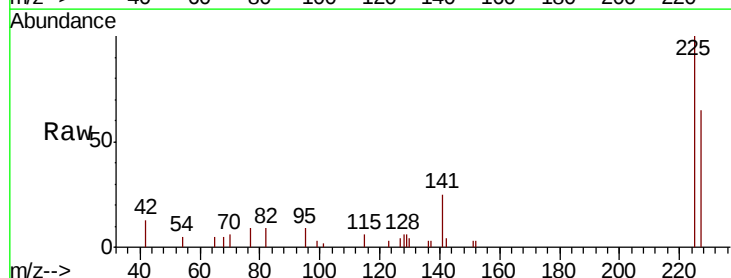
Tgt Ion:225 Resp: 3936

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.0 50.2 75.2

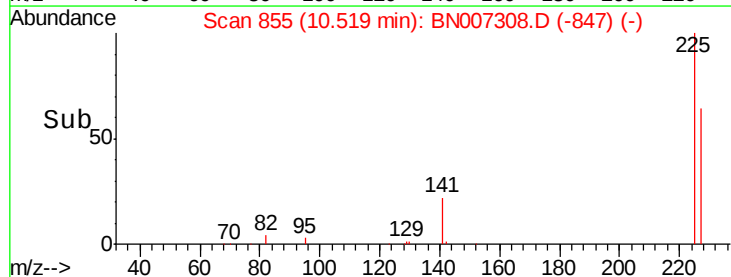
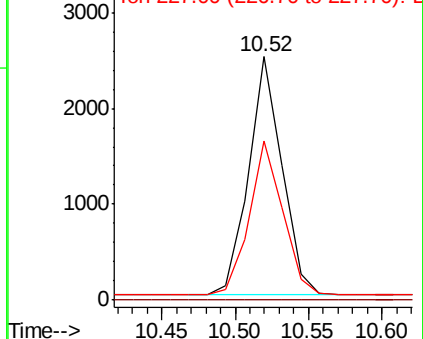


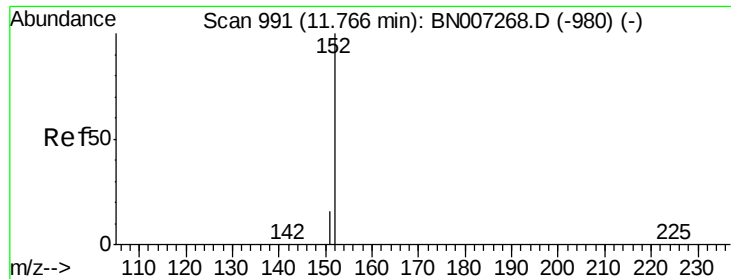
Abundance

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

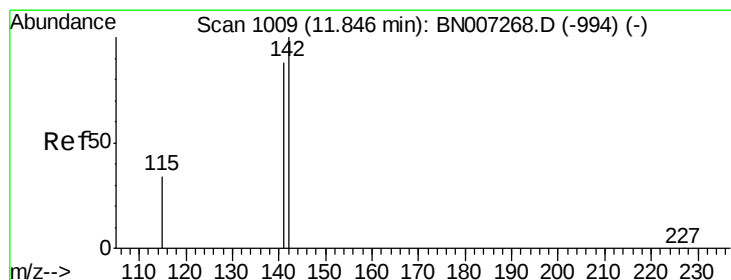
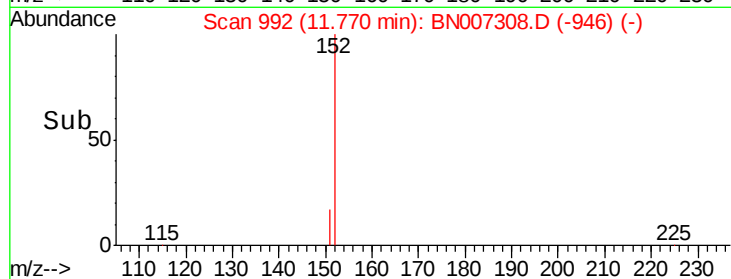
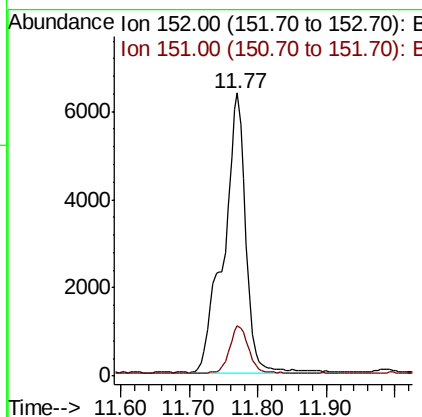
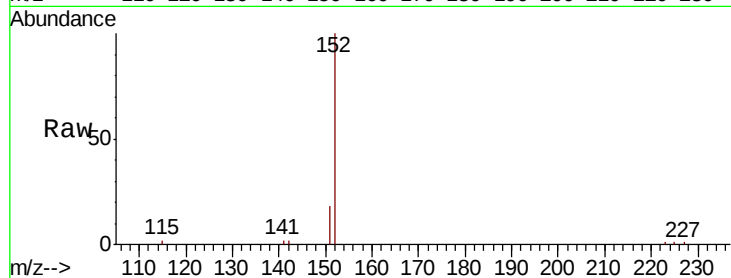




#11
2-Methylnaphthalene-d10
Concen: 0.451 ng
RT: 11.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN007308.D
Acq: 22 Aug 2019 01:59

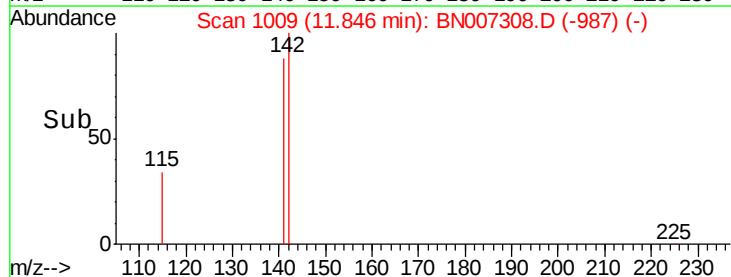
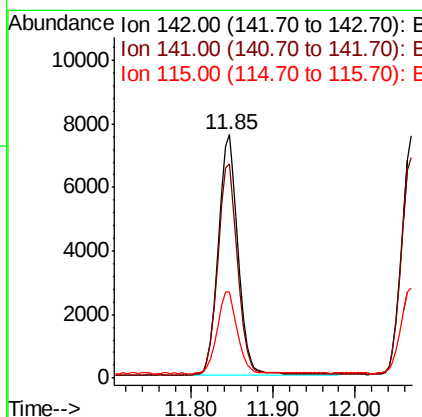
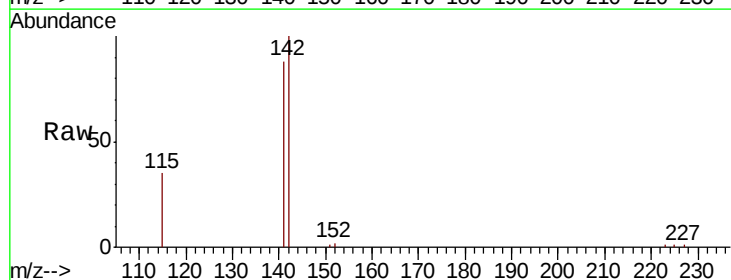
Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 14226
Ion Ratio Lower Upper
152 100
151 14.4 15.2 22.8#



#12
2-Methylnaphthalene
Concen: 0.354 ng
RT: 11.85 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BN007308.D
Acq: 22 Aug 2019 01:59

Tgt Ion:142 Resp: 12673
Ion Ratio Lower Upper
142 100
141 87.8 70.7 106.1
115 35.4 28.1 42.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampleId :

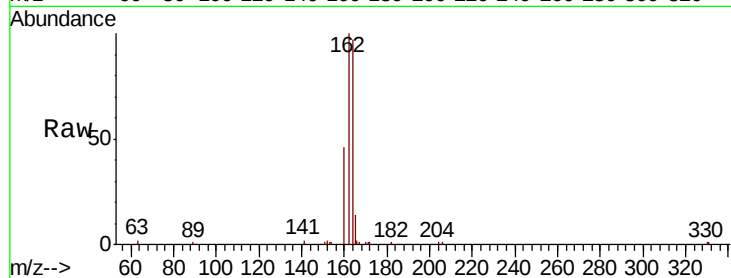
Tot Ion:164 Resp: 9905

Ion Ratio Lower Upper

164 100

162 102.8 82.0 123.0

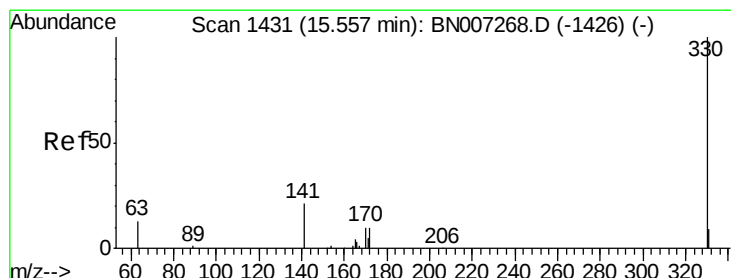
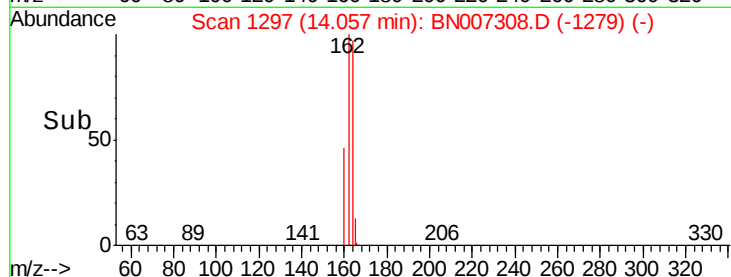
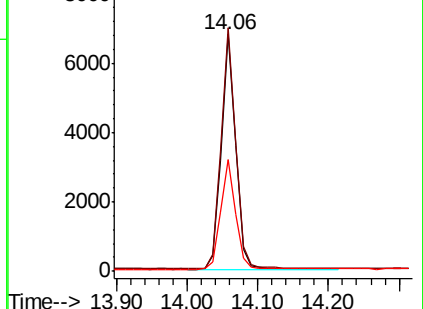
160 47.3 38.2 57.4



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: 0.353 ng

RT: 15.56 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

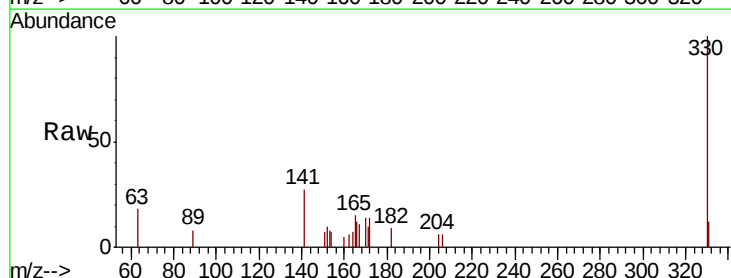
Tgt Ion:330 Resp: 1962

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

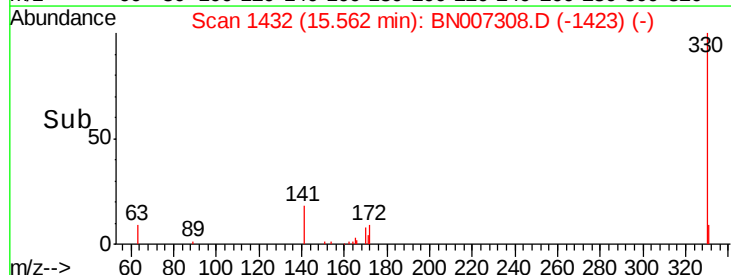
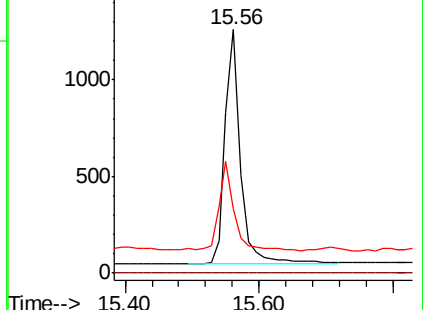
141 37.1 30.3 45.5

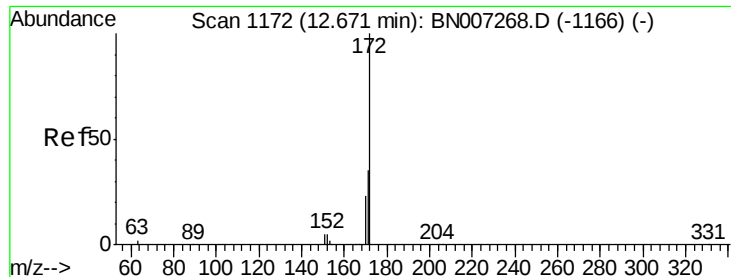


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

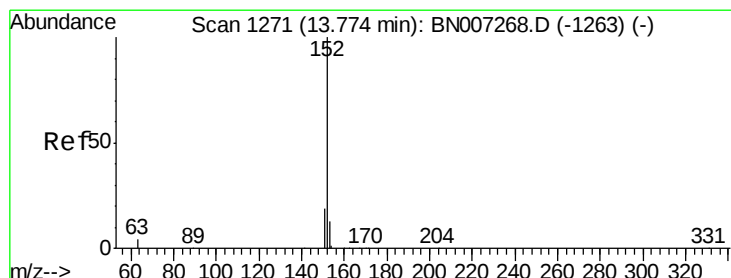
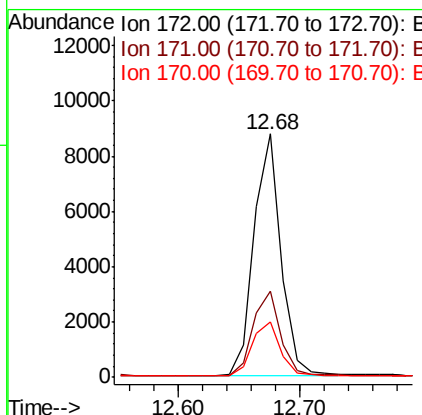
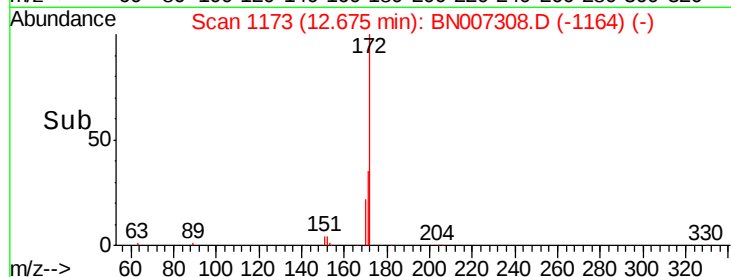
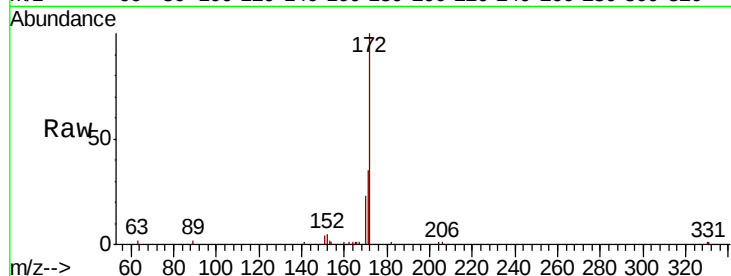




#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007308.D
Acq: 22 Aug 2019 01:59

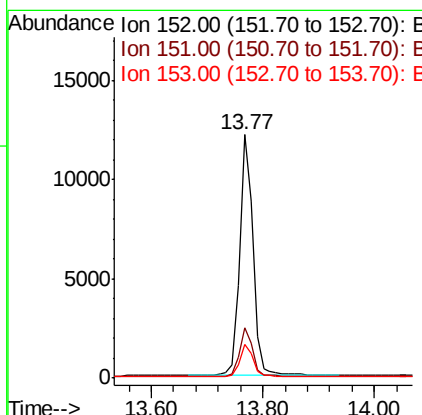
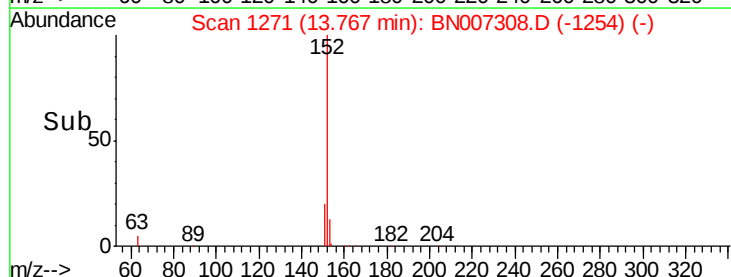
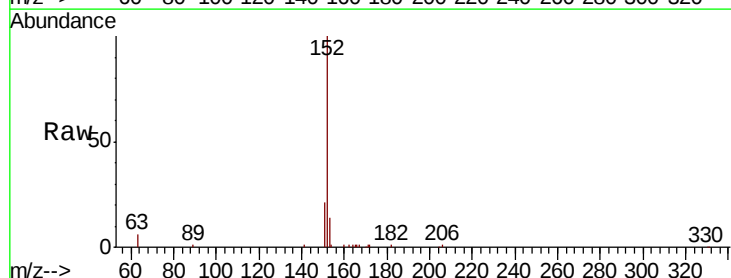
Instrument :
BNA_N
ClientSampleId :

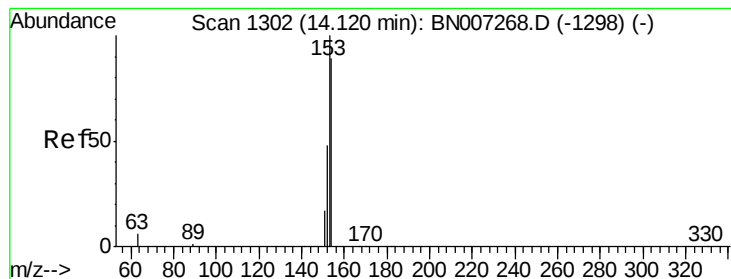
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.0	18.7	28.1



#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007308.D
Acq: 22 Aug 2019 01:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	13.5	10.1	15.1





#17

Acenaphthene

Concen: 0.349 ng

RT: 14.12 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampled :

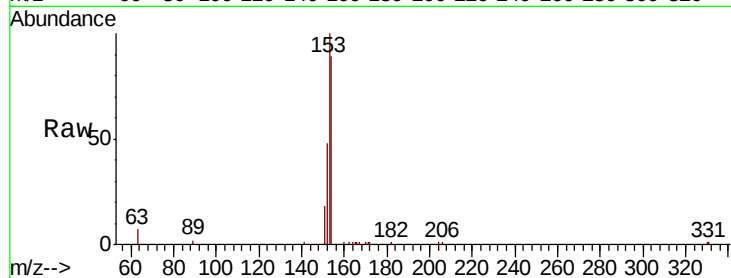
Tot Ion:154 Resp: 11668

Ion Ratio Lower Upper

154 100

153 113.1 89.9 134.9

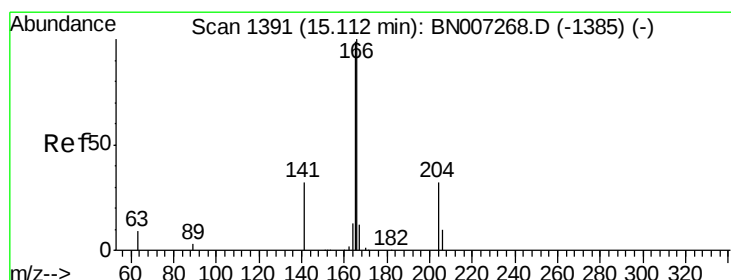
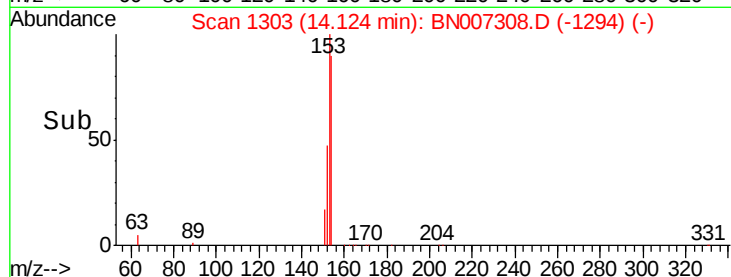
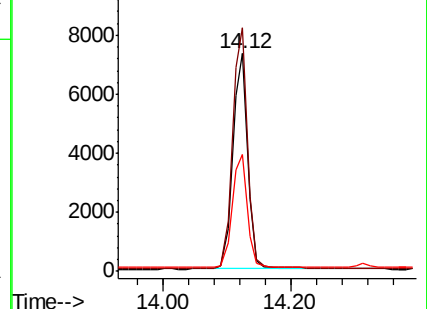
152 54.3 43.9 65.9



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: 0.361 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

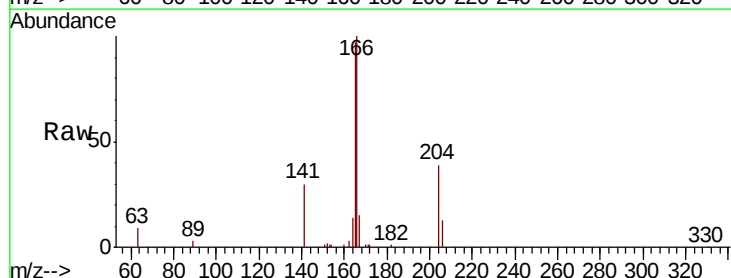
Tgt Ion:166 Resp: 15771

Ion Ratio Lower Upper

166 100

165 98.2 78.3 117.5

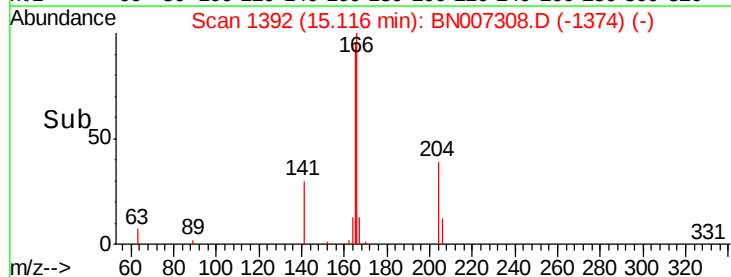
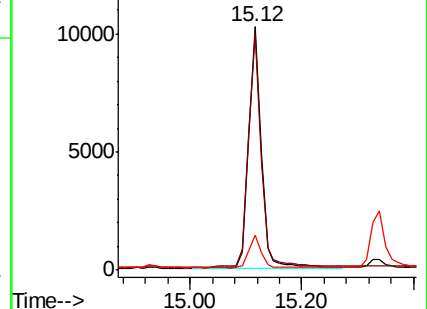
167 13.5 11.1 16.7

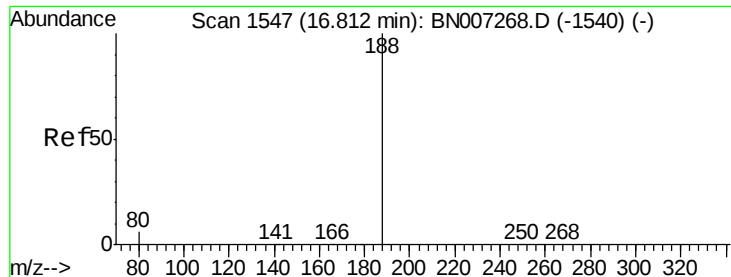


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampleId :

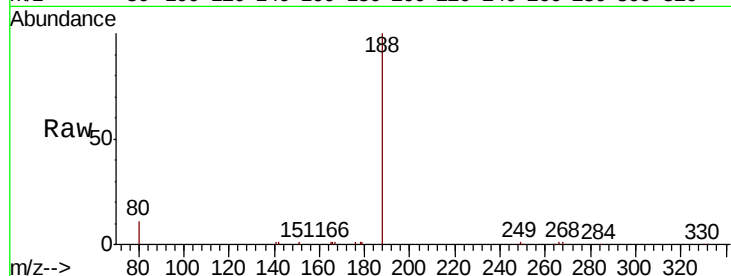
Tot Ion:188 Resp: 23865

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

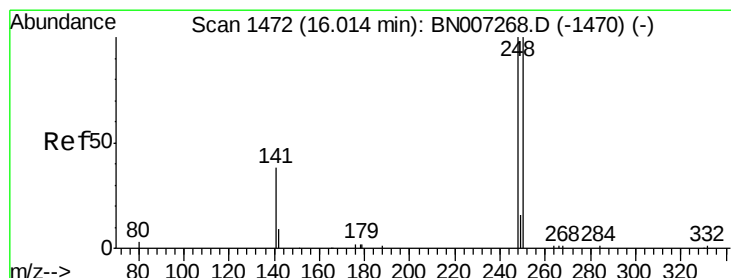
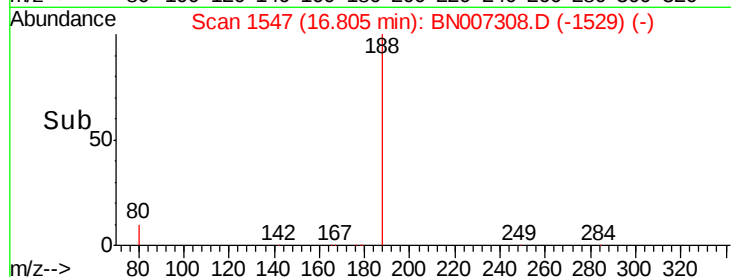
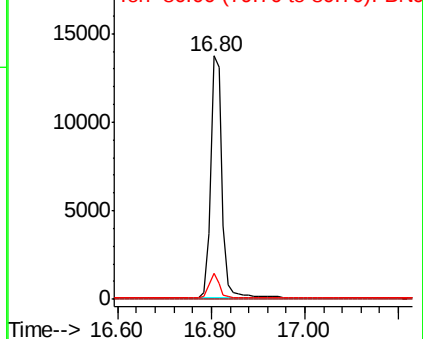
80 10.6 5.2 7.8#



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: 0.362 ng

RT: 16.02 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

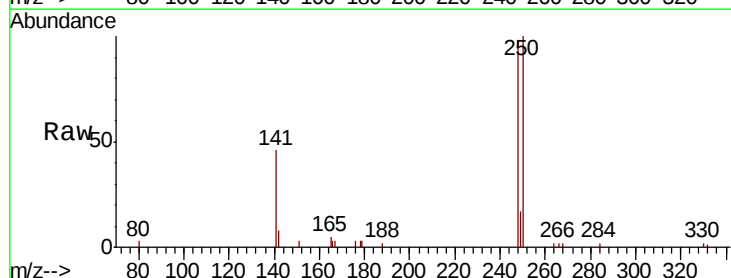
Tgt Ion:248 Resp: 4945

Ion Ratio Lower Upper

248 100

250 102.0 79.6 119.4

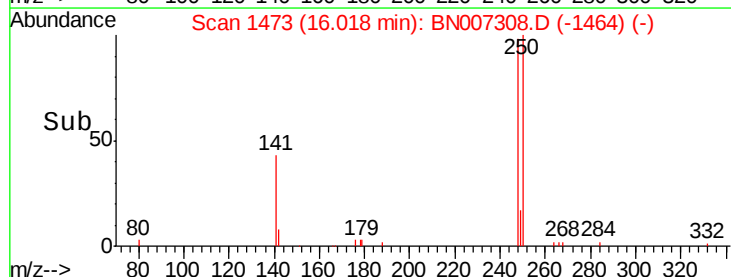
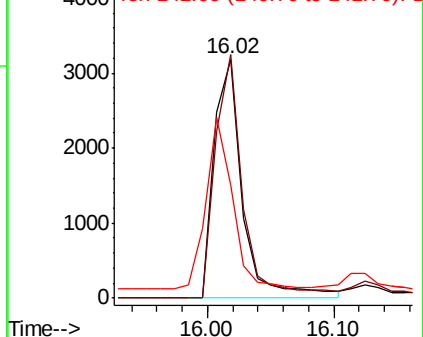
141 47.4 45.1 67.7



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

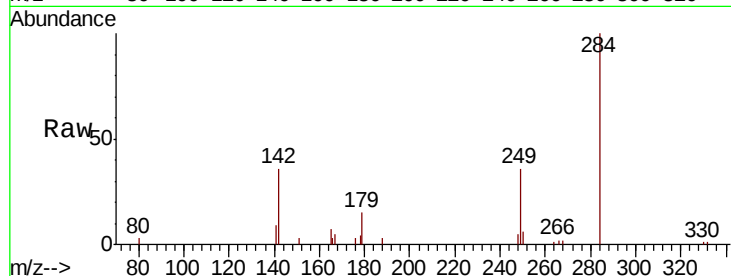




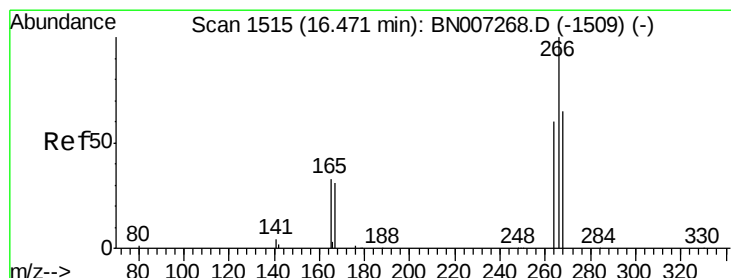
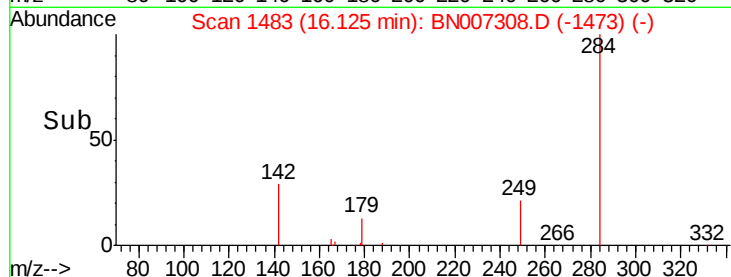
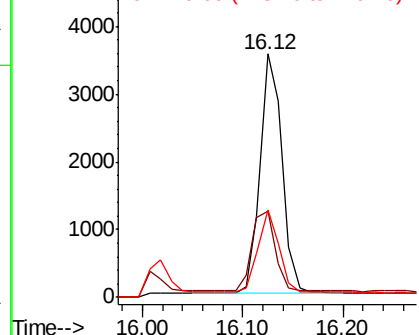
#21
Hexachlorobenzene
Concen: 0.343 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007308.D
Acq: 22 Aug 2019 01:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 5423
Ion Ratio Lower Upper
284 100
142 35.0 29.5 44.3
249 32.8 26.2 39.4

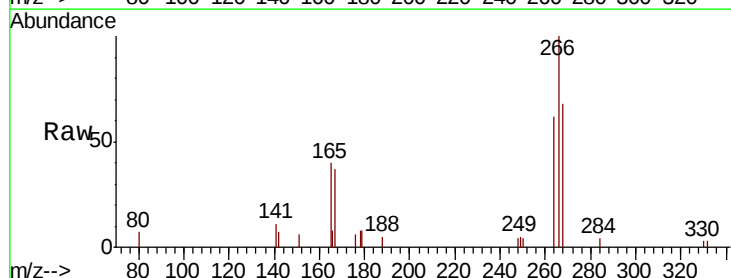


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

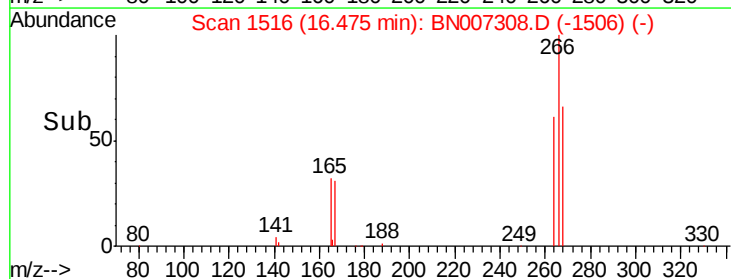
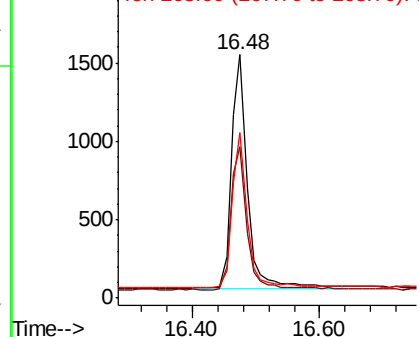


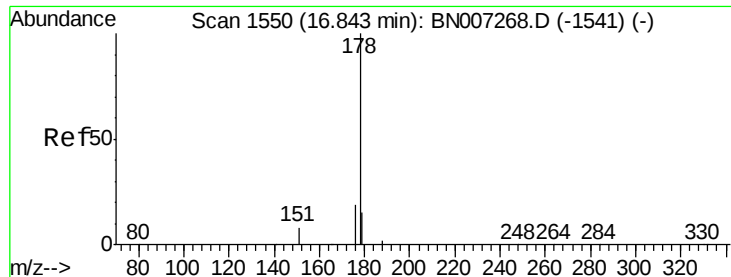
#22
Pentachlorophenol
Concen: 0.407 ng
RT: 16.48 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN007308.D
Acq: 22 Aug 2019 01:59

Tgt Ion:266 Resp: 2587
Ion Ratio Lower Upper
266 100
264 62.3 48.7 73.1
268 67.8 53.5 80.3



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: 0.370 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampleId :

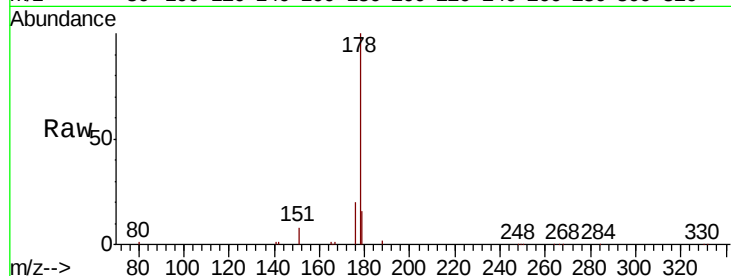
Tot Ion:178 Resp: 27697

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 16.0 12.3 18.5

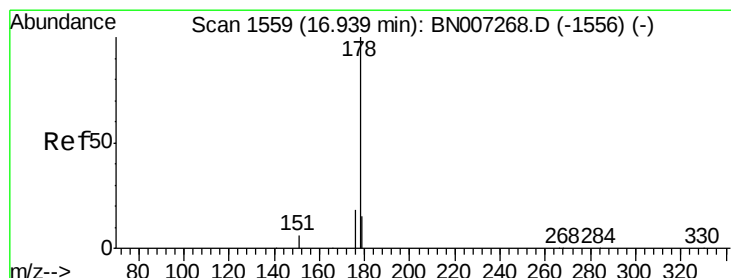
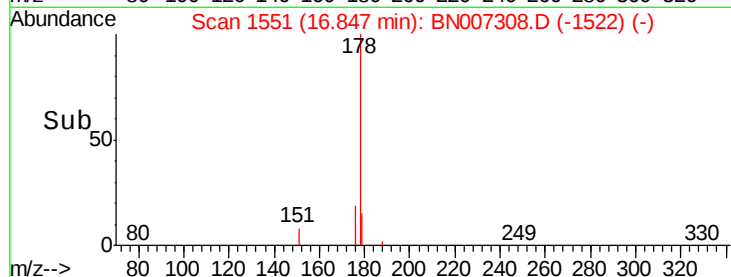
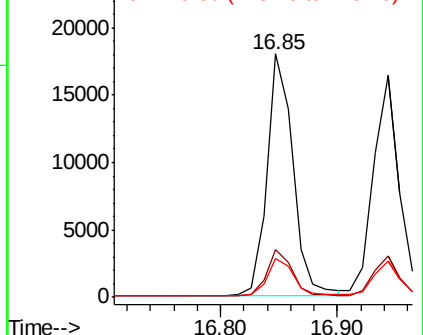


Abundance

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: 0.382 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

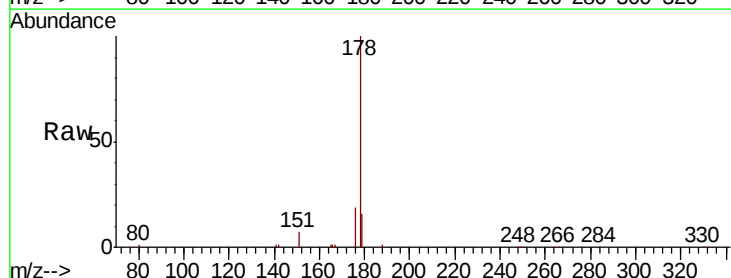
Tgt Ion:178 Resp: 25742

Ion Ratio Lower Upper

178 100

176 18.1 14.3 21.5

179 14.1 12.3 18.5

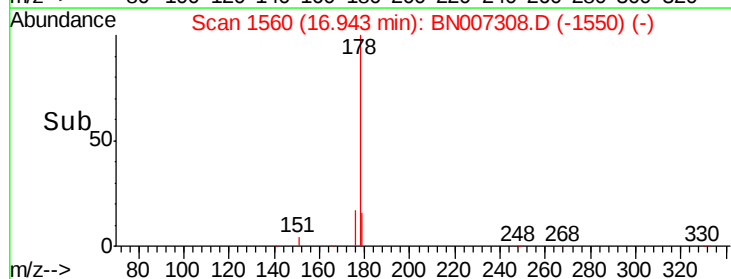
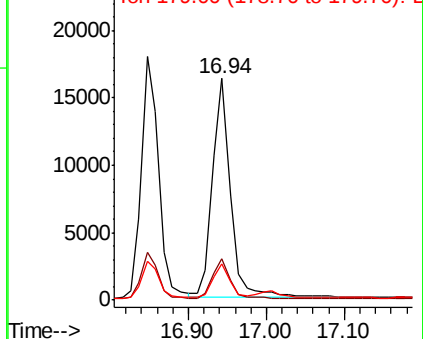


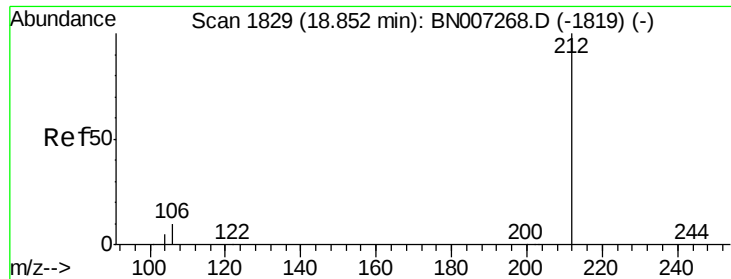
Abundance

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: 0.373 ng

RT: 18.85 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampleId :

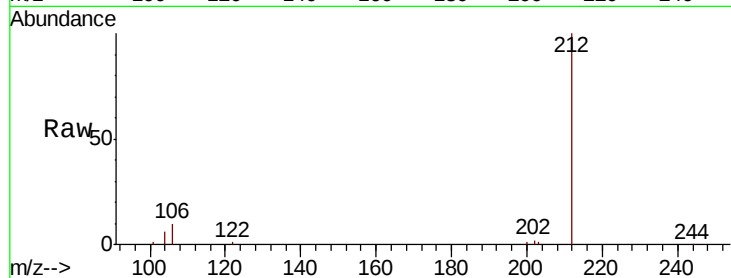
Tot Ion:212 Resp: 28249

Ion Ratio Lower Upper

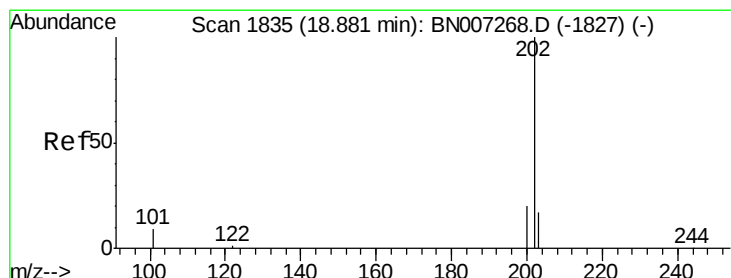
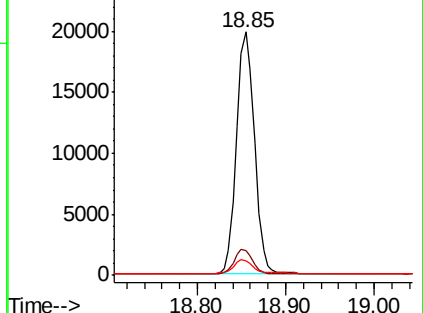
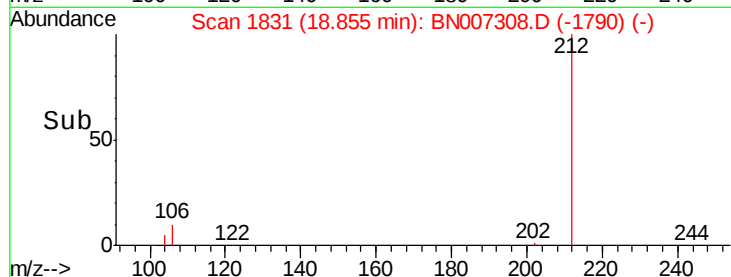
212 100

106 10.2 8.2 12.4

104 6.1 4.7 7.1



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: 0.481 ng

RT: 18.88 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

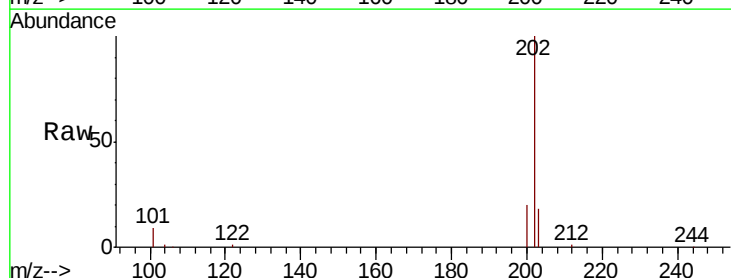
Tgt Ion:202 Resp: 43538

Ion Ratio Lower Upper

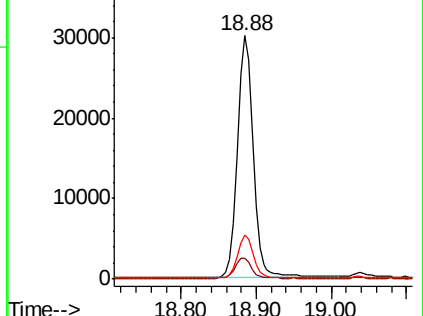
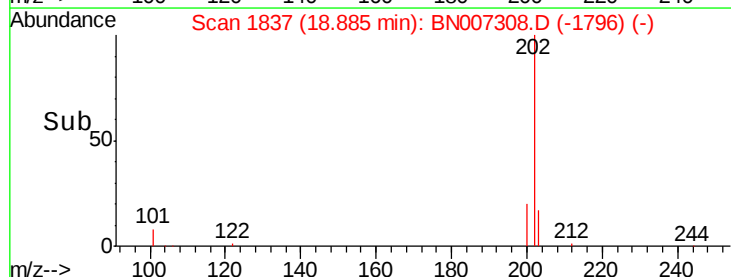
202 100

101 8.5 7.2 10.8

203 16.8 13.8 20.6



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

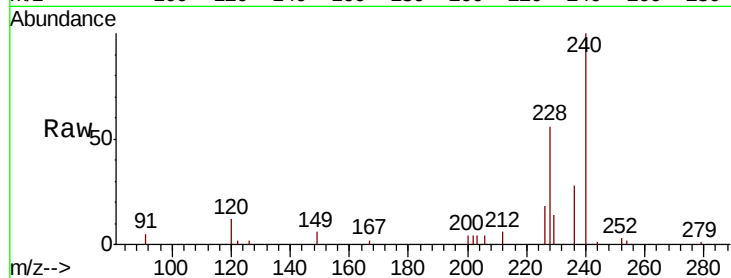




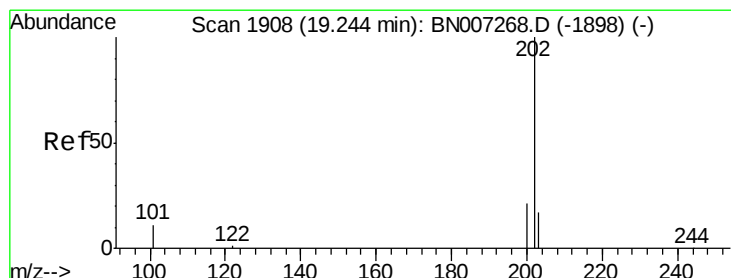
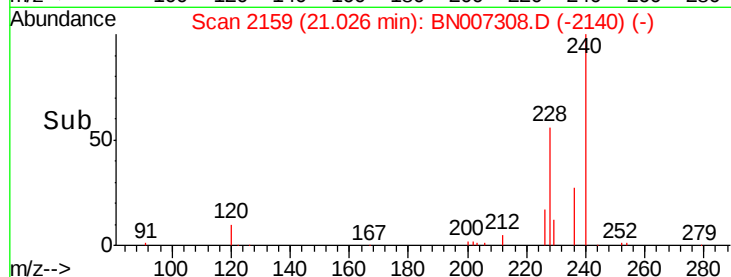
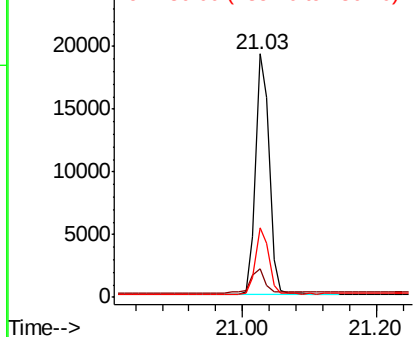
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007308.D
Acq: 22 Aug 2019 01:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 27765
Ion Ratio Lower Upper
240 100
120 11.7 5.6 8.4#
236 28.4 21.6 32.4

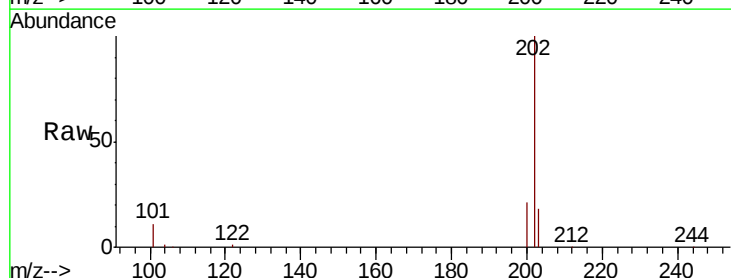


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

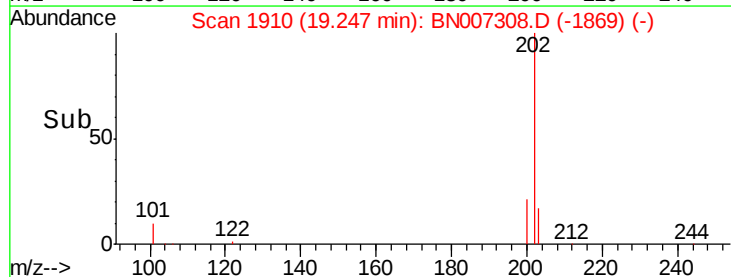
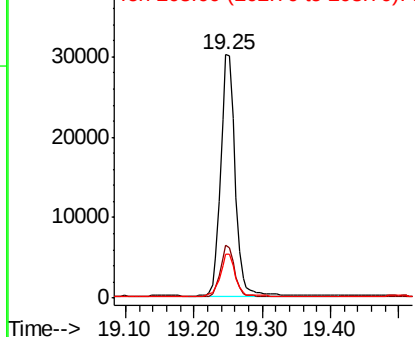


#28
Pyrene
Concen: 0.425 ng
RT: 19.25 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BN007308.D
Acq: 22 Aug 2019 01:59

Tgt Ion:202 Resp: 44165
Ion Ratio Lower Upper
202 100
200 20.2 16.7 25.1
203 18.3 13.9 20.9



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: 0.316 ng

RT: 19.48 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampleId :

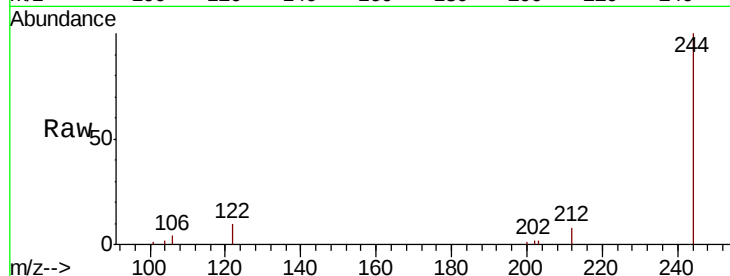
Tot Ion:244 Resp: 21921

Ion Ratio Lower Upper

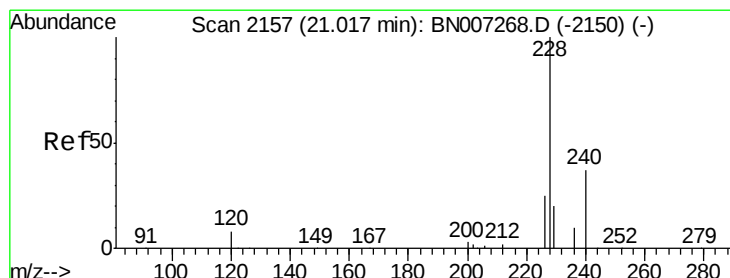
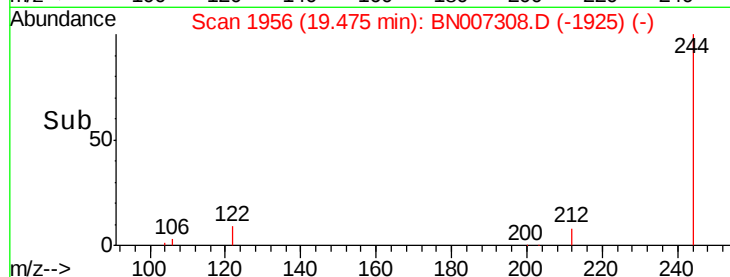
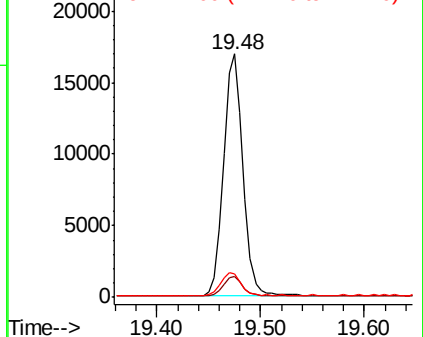
244 100

212 8.5 6.5 9.7

122 9.8 7.9 11.9



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: 0.391 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

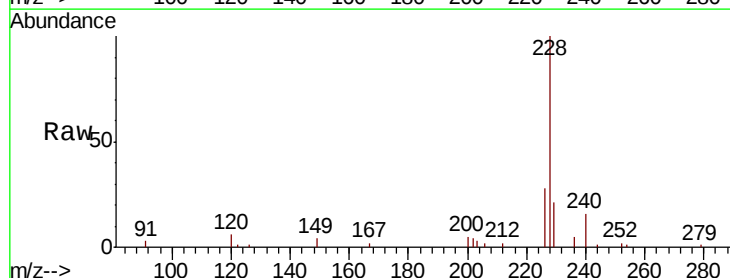
Tgt Ion:228 Resp: 40377

Ion Ratio Lower Upper

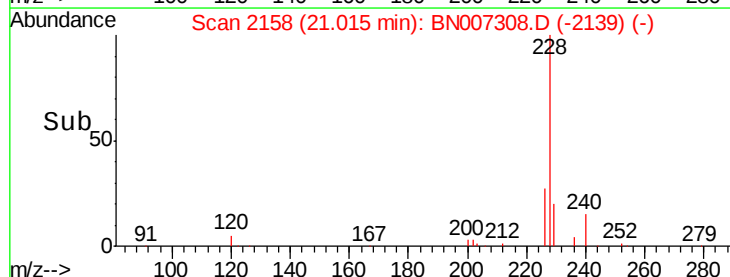
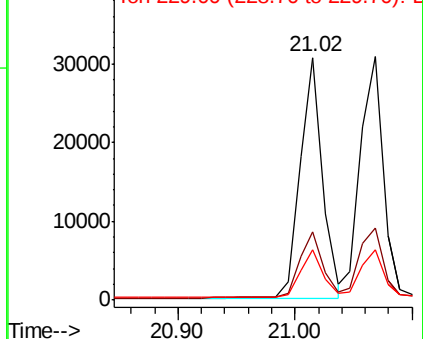
228 100

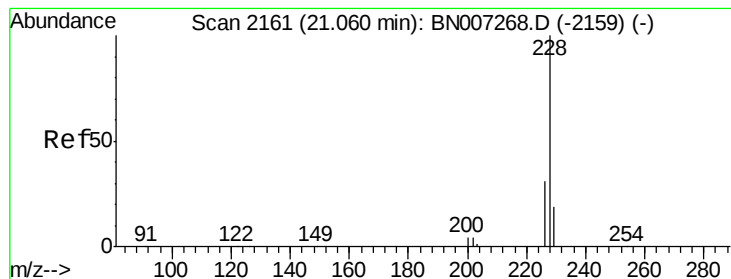
226 28.2 20.6 30.8

229 21.0 16.9 25.3



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: 0.389 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampleId :

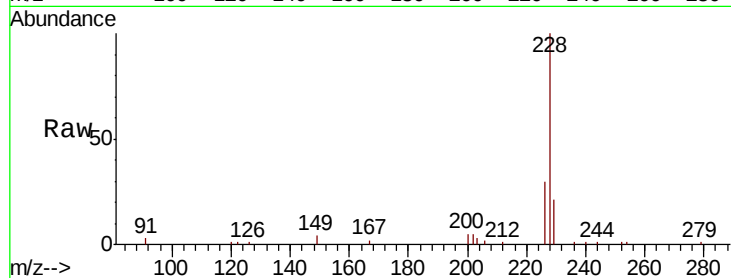
Tot Ion:228 Resp: 40971

Ion Ratio Lower Upper

228 100

226 29.6 24.6 36.8

229 20.9 15.6 23.4

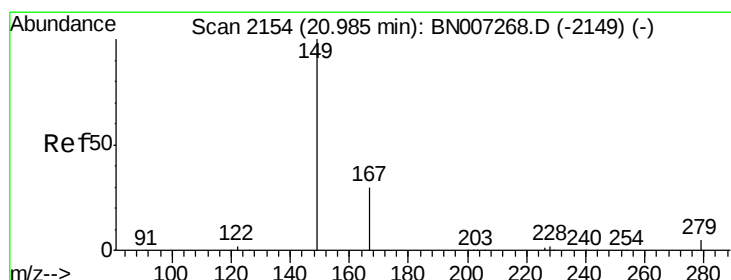
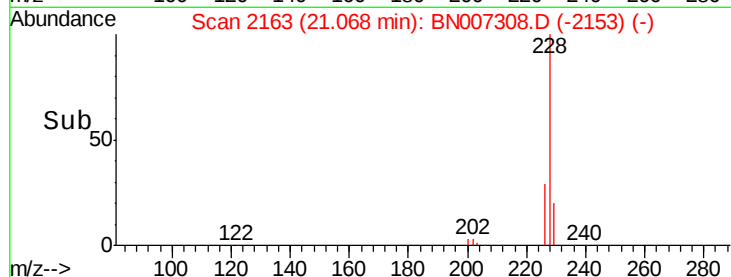
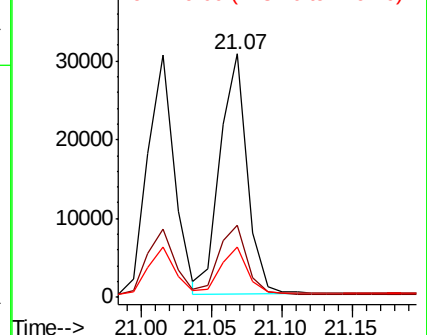


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.507 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

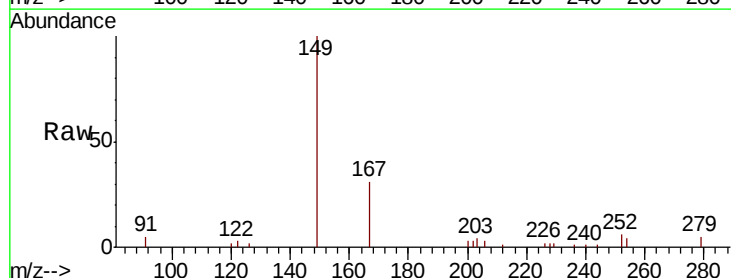
Tgt Ion:149 Resp: 20906

Ion Ratio Lower Upper

149 100

167 29.9 23.8 35.6

279 5.0 3.8 5.8

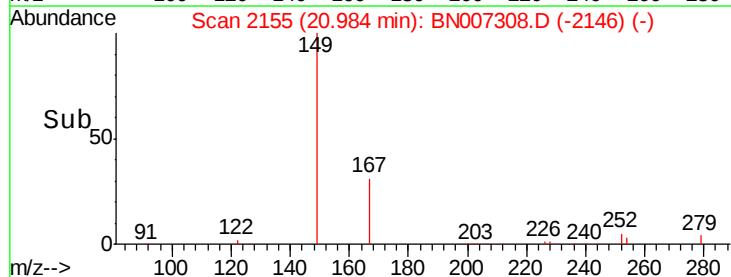
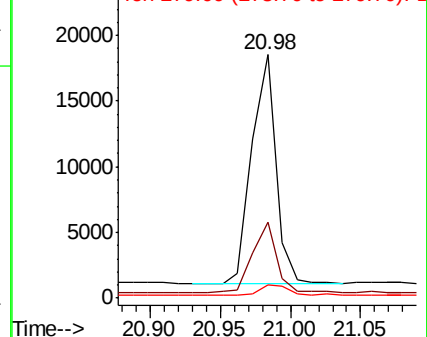


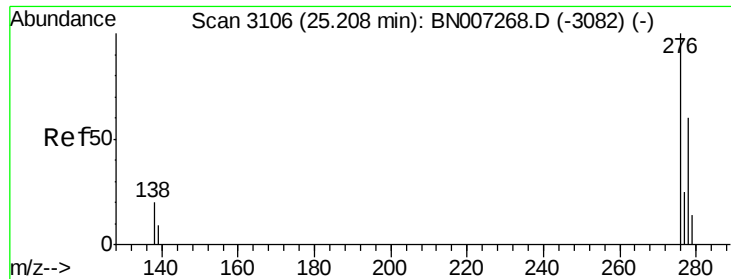
Abundance

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

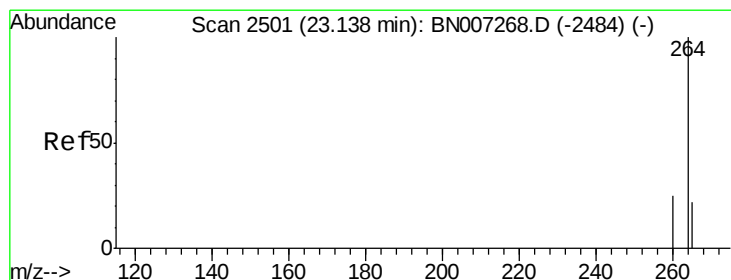
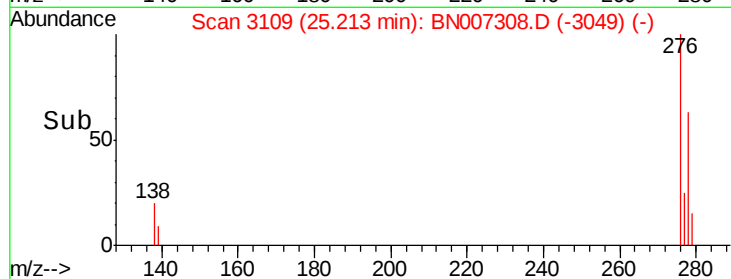
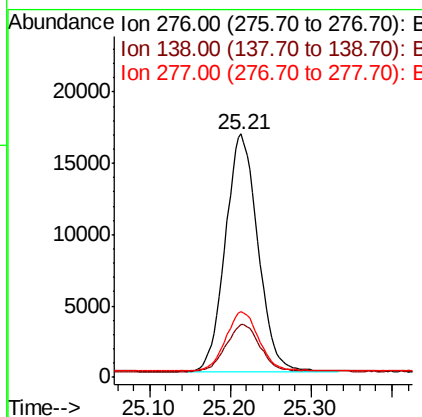
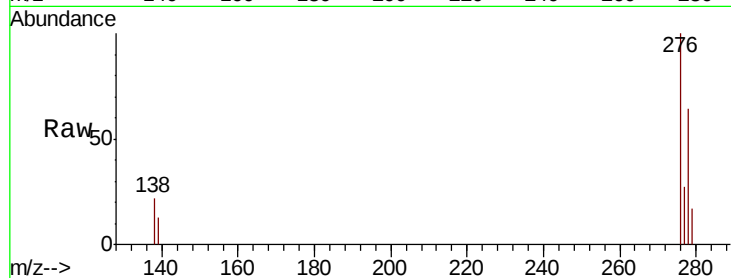




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.366 ng
 RT: 25.21 min Scan# 3109
 Delta R.T. 0.00 min
 Lab File: BN007308.D
 Acq: 22 Aug 2019 01:59

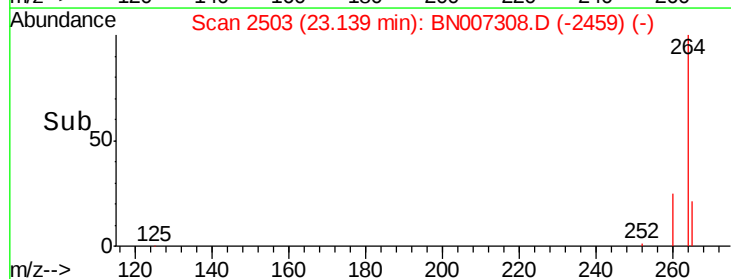
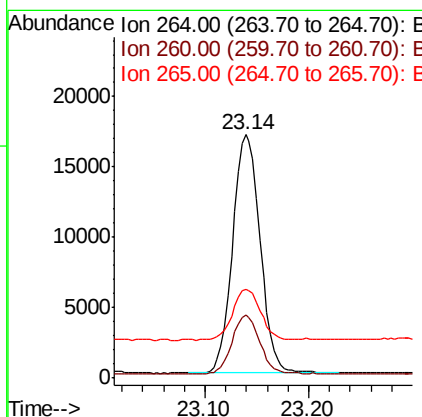
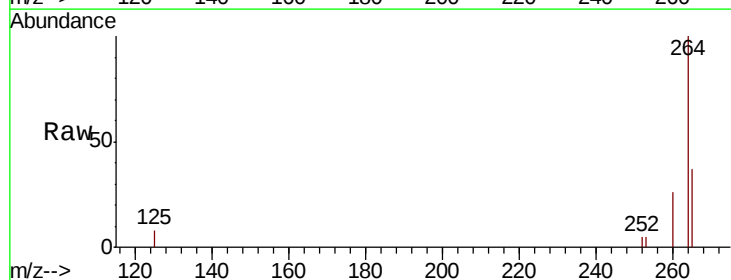
Instrument :
 BNA_N
 ClientSampleId :

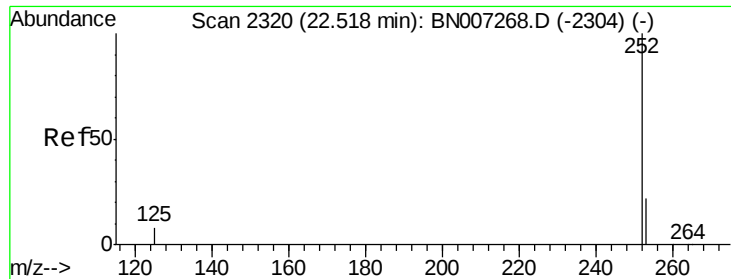
Tot Ion:276 Resp: 46367
 Ion Ratio Lower Upper
 276 100
 138 20.8 17.1 25.7
 277 24.8 20.1 30.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.14 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BN007308.D
 Acq: 22 Aug 2019 01:59

Tgt Ion:264 Resp: 31196
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.1 30.1
 265 36.6 29.0 43.6





#35

Benzo(b)fluoranthene

Concen: 0.346 ng

RT: 22.52 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampleId :

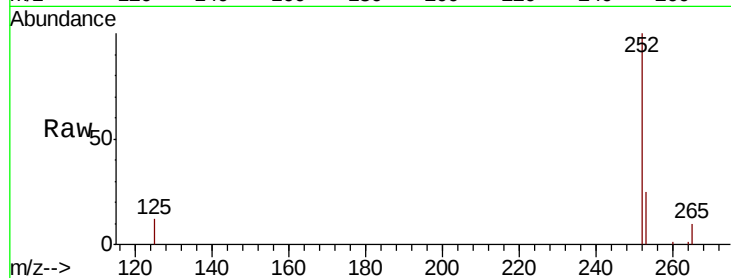
Tot Ion:252 Resp: 40296

Ion Ratio Lower Upper

252 100

253 24.7 18.5 27.7

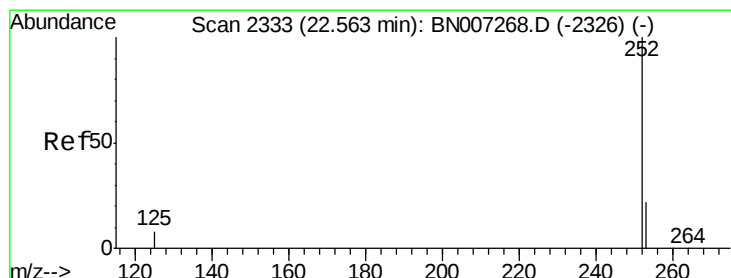
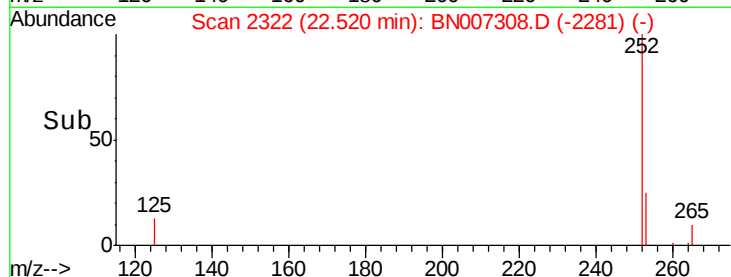
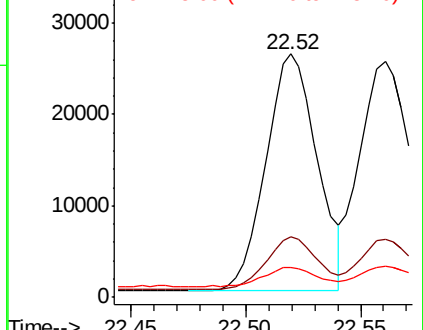
125 12.2 7.8 11.6#



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: 0.346 ng

RT: 22.56 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

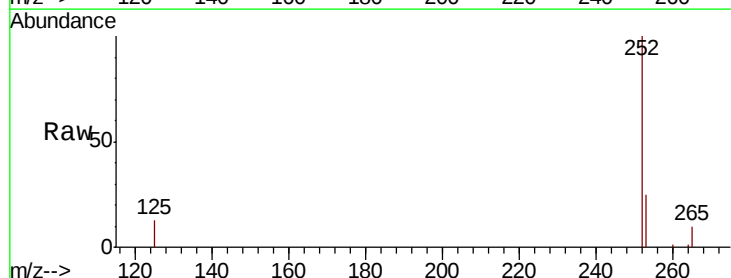
Tgt Ion:252 Resp: 39368

Ion Ratio Lower Upper

252 100

253 24.7 18.4 27.6

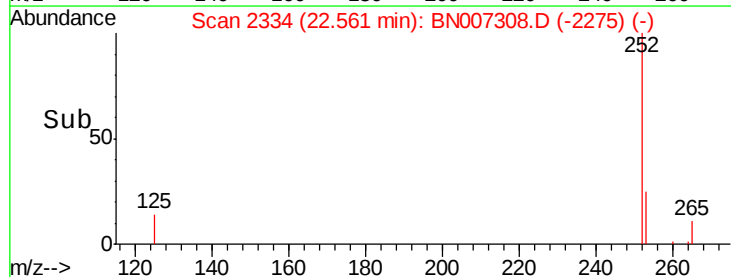
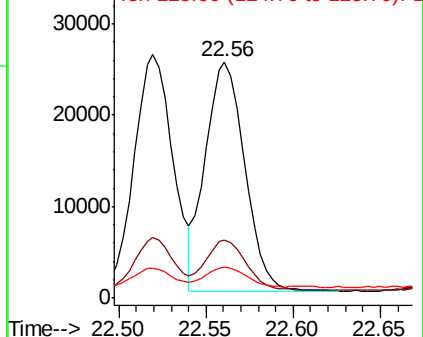
125 13.2 8.0 12.0#



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





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.05 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampleId :

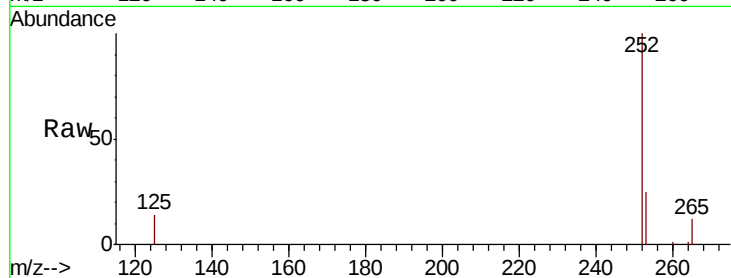
Tot Ion:252 Resp: 39868

Ion Ratio Lower Upper

252 100

253 25.2 18.7 28.1

125 14.2 8.7 13.1#

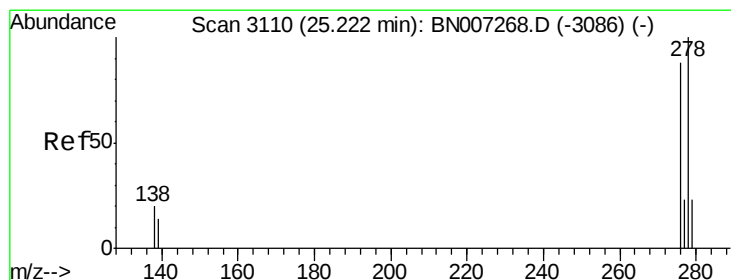
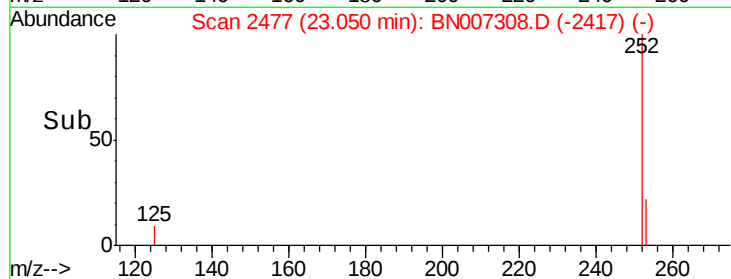
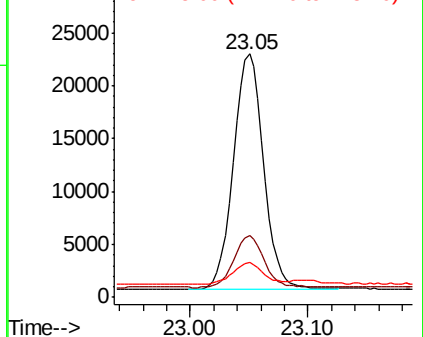


Abundance

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: 0.350 ng

RT: 25.23 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

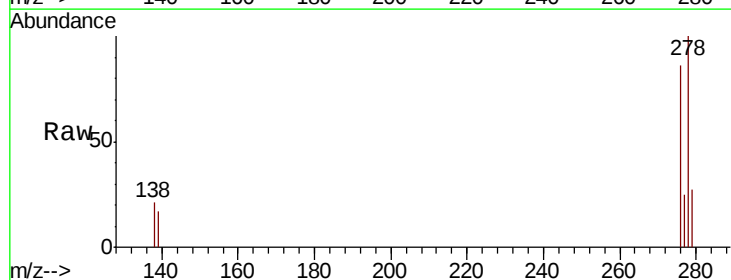
Tgt Ion:278 Resp: 38502

Ion Ratio Lower Upper

278 100

139 17.3 11.8 17.8

279 26.9 19.8 29.6

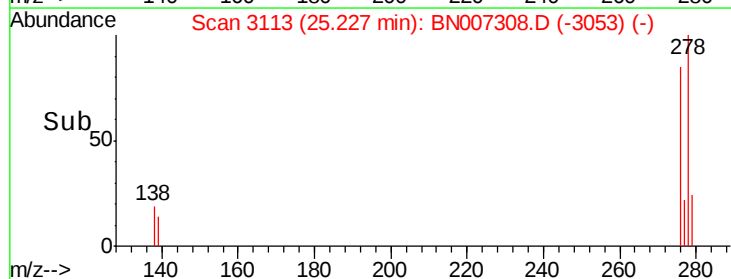
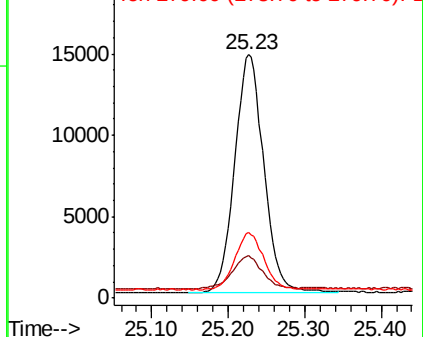


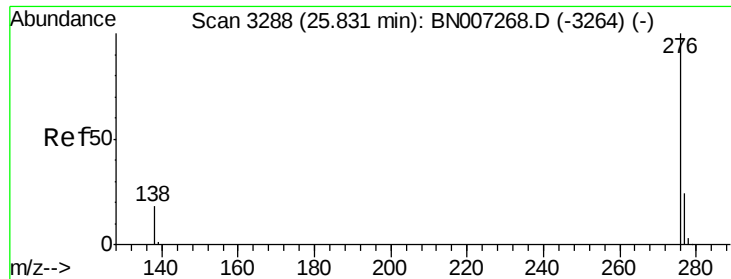
Abundance

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





#39

Benzo(a,h,i)perylene

Concen: 0.356 ng

RT: 25.84 min Scan# 3291

Delta R.T. 0.01 min

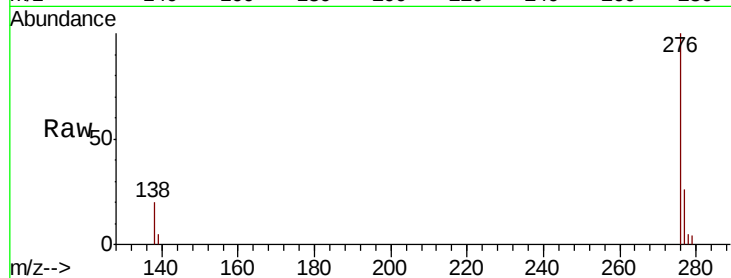
Lab File: BN007308.D

Acq: 22 Aug 2019 01:59

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 39604

Ion Ratio Lower Upper

276 100

277 26.5 19.5 29.3

138 20.2 15.3 22.9

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

