

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007289.D
 Acq On : 21 Aug 2019 12:03
 Operator : HP/JU
 Sample : K4282-16MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 21 12:35:42 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	5561	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	21240	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	12550	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	30182	0.40	ng	0.00
27) Chrysene-d12	21.03	240	30981	0.40	ng	0.00
34) Perylene-d12	23.14	264	33361	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	5489	0.32	ng	0.00
5) Phenol-d6	6.60	99	7173	0.37	ng	0.00
8) Nitrobenzene-d5	8.54	82	5286	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	14165	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2254	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	14723	0.27	ng	0.00
25) Fluoranthene-d10	18.85	212	26052	0.27	ng	0.00
29) Terphenyl-d14	19.47	244	18586	0.24	ng	0.00

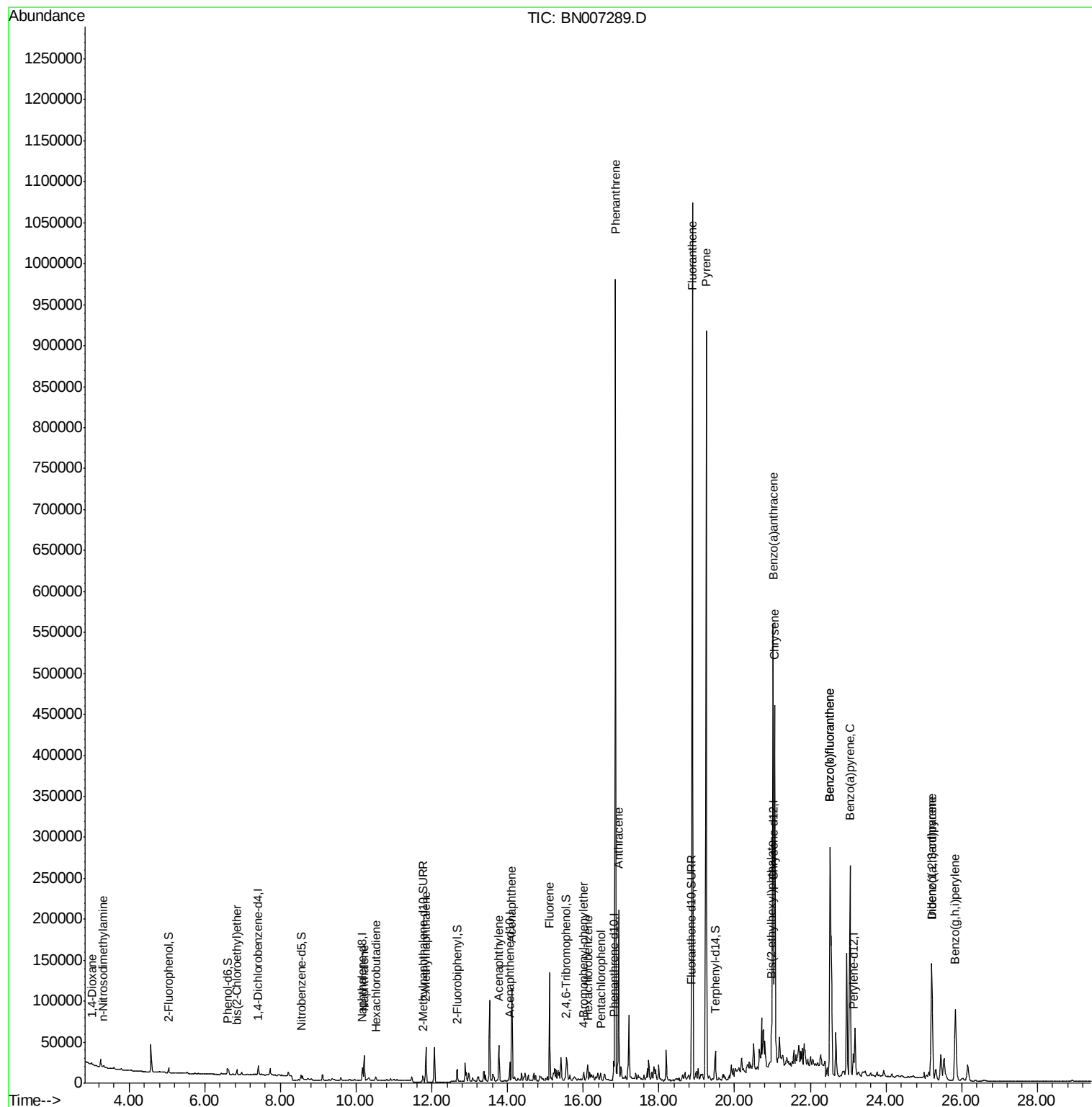
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1657	0.210	ng	# 65
3) n-Nitrosodimethylamine	3.32	42	1441	0.272	ng	# 94
6) bis(2-Chloroethyl)ether	6.85	93	5060	0.308	ng	98
9) Naphthalene	10.21	128	37431	0.622	ng	100
10) Hexachlorobutadiene	10.52	225	3315	0.250	ng	# 98
12) 2-Methylnaphthalene	11.84	142	31432	0.754	ng	99
16) Acenaphthylene	13.77	152	46776	0.703	ng	98
17) Acenaphthene	14.11	154	61861	1.459	ng	99
18) Fluorene	15.12	166	79995	1.444	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	5077	0.294	ng	# 77
21) Hexachlorobenzene	16.12	284	4943	0.247	ng	98
22) Pentachlorophenol	16.46	266	620	0.077	ng	94
23) Phenanthrene	16.85	178	950027	10.043	ng	100
24) Anthracene	16.94	178	231740	2.721	ng	# 93
26) Fluoranthene	18.88	202	986198	8.607	ng	99
28) Pyrene	19.25	202	850055	7.337	ng	# 94
30) Benzo(a)anthracene	21.02	228	509066	4.419	ng	97
31) Chrysene	21.06	228	411527	3.501	ng	97
32) Bis(2-ethylhexyl)phthalate	20.98	149	25291	0.549	ng	98
33) Indeno(1,2,3-cd)pyrene	25.21	276	195822	1.384	ng	97
35) Benzo(b)fluoranthene	22.52	252	447703	3.600	ng	99
36) Benzo(k)fluoranthene	22.52	252	447703	3.674	ng	99
37) Benzo(a)pyrene	23.05	252	336150	2.999	ng	98
38) Dibenzo(a,h)anthracene	25.22	278	75837	0.644	ng	96
39) Benzo(g,h,i)perylene	25.83	276	171684	1.442	ng	100

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

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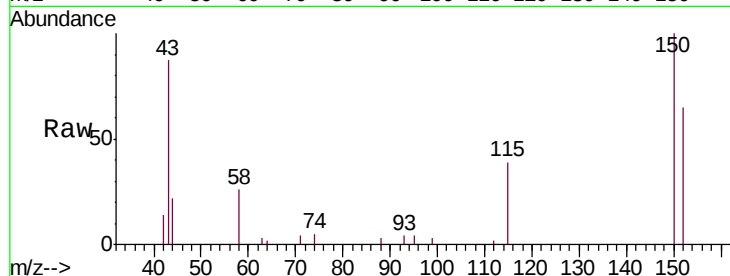


#1

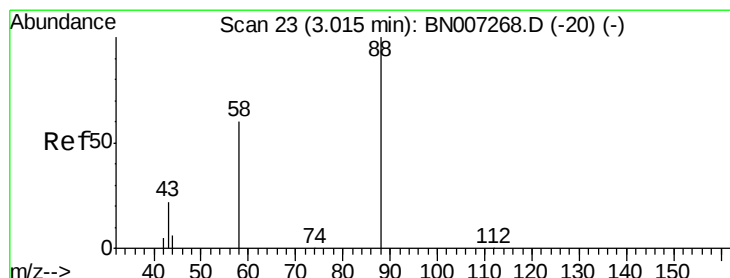
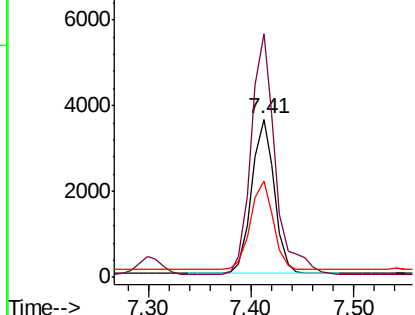
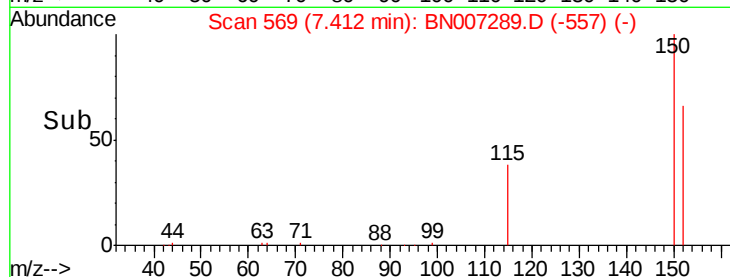
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007289.D
Acq: 21 Aug 2019 12:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5561
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.8
115 60.7 47.3 70.9



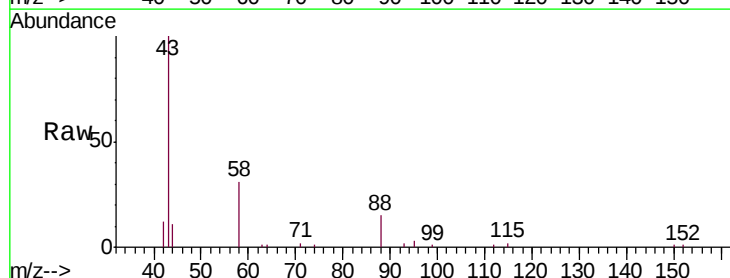
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



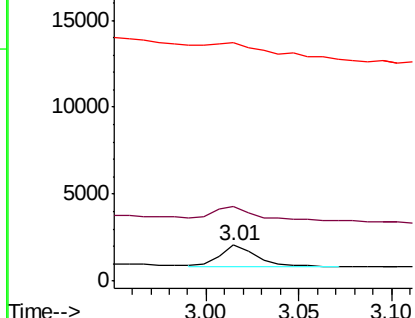
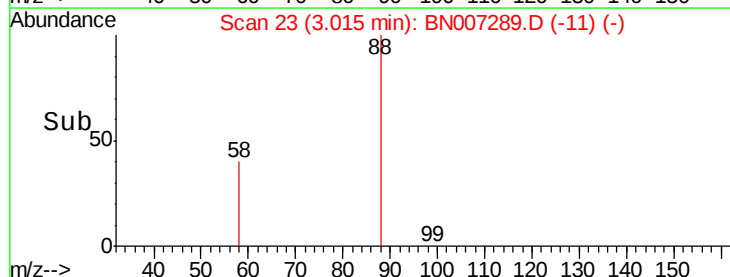
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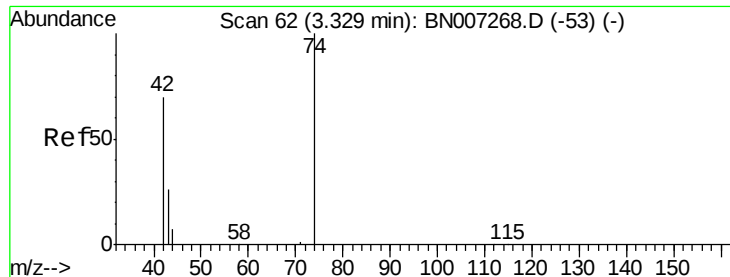
1,4-Dioxane
Concen: 0.210 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007289.D
Acq: 21 Aug 2019 12:03

Tgt Ion: 88 Resp: 1657
Ion Ratio Lower Upper
88 100
58 77.8 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



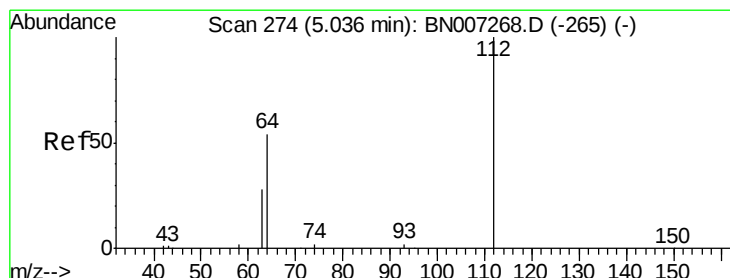
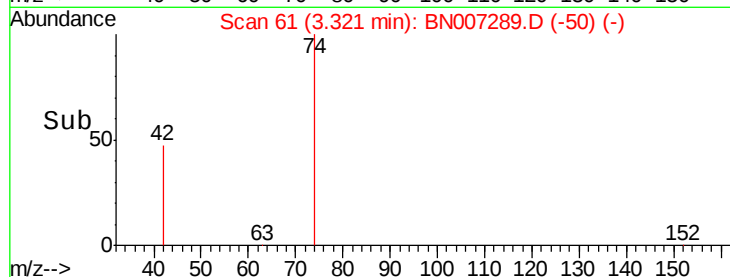
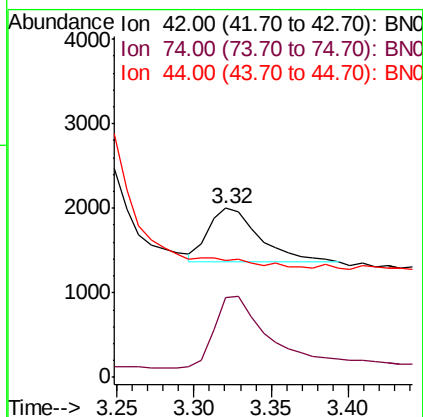
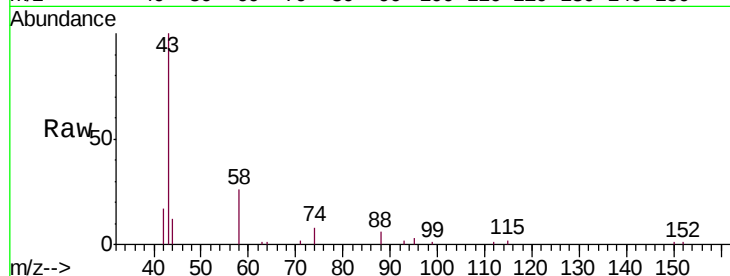


#3

n-Nitrosodimethylamine
 Concen: 0.272 ng
 RT: 3.32 min Scan# 61
 Delta R.T. -0.01 min
 Lab File: BN007289.D
 Acq: 21 Aug 2019 12:03

Instrument :
 BNA_N
 ClientSampleId :

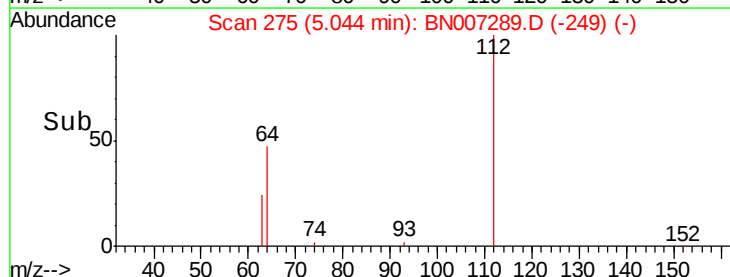
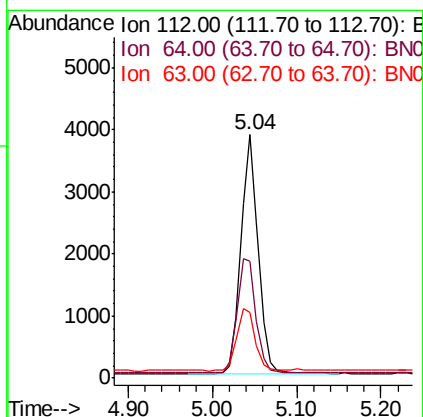
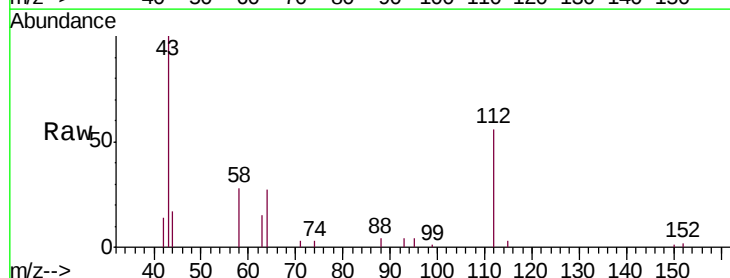
Tot Ion: 42 Resp: 1441
 Ion Ratio Lower Upper
 42 100
 74 143.3 109.0 163.4
 44 0.0 4.2 6.2#

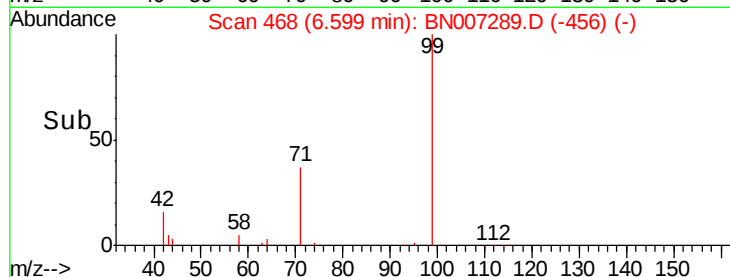
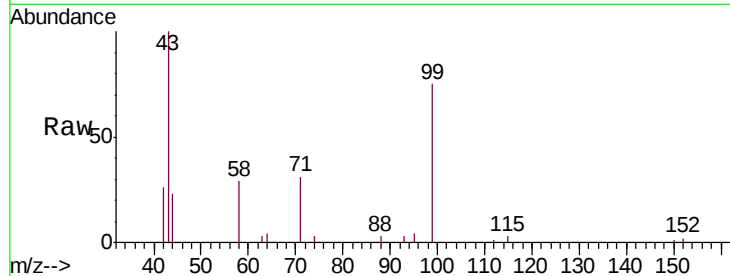
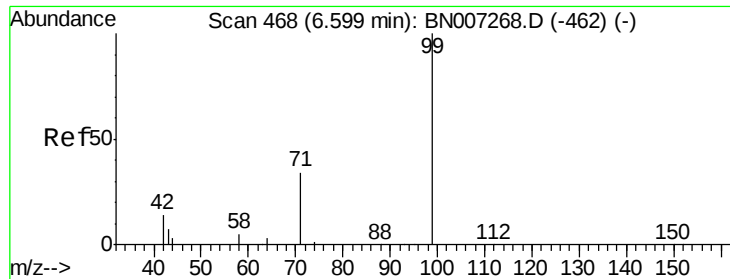


#4

2-Fluorophenol
 Concen: 0.324 ng
 RT: 5.04 min Scan# 275
 Delta R.T. 0.01 min
 Lab File: BN007289.D
 Acq: 21 Aug 2019 12:03

Tgt Ion: 112 Resp: 5489
 Ion Ratio Lower Upper
 112 100
 64 52.0 41.8 62.8
 63 27.7 22.6 34.0





#5

Phenol-d6

Concen: 0.367 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

ClientSampled :

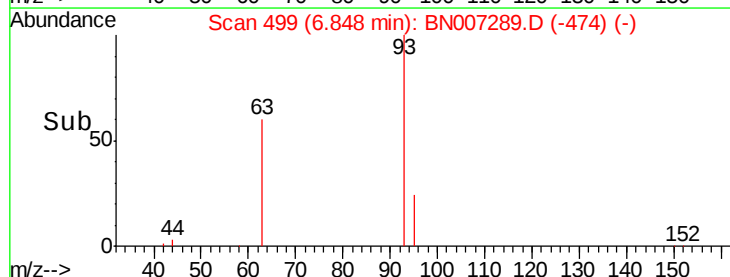
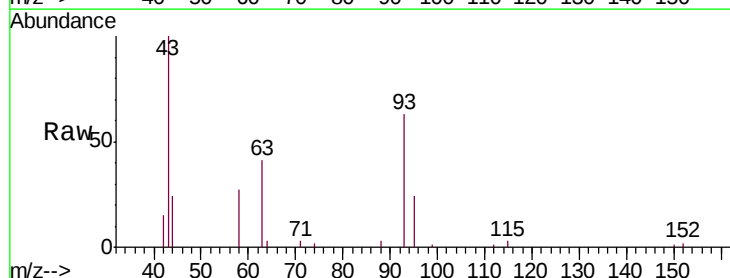
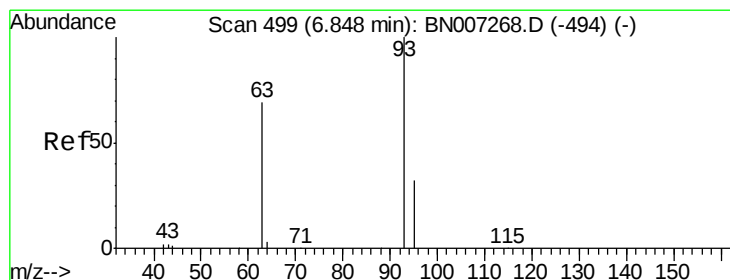
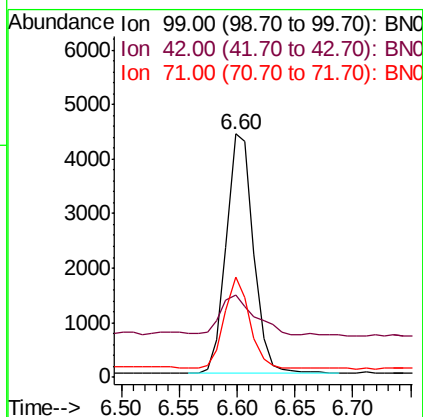
Tot Ion: 99 Resp: 7173

Ion Ratio Lower Upper

99 100

42 20.7 14.3 21.5

71 37.3 27.3 40.9



#6

bis(2-Chloroethyl)ether

Concen: 0.308 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

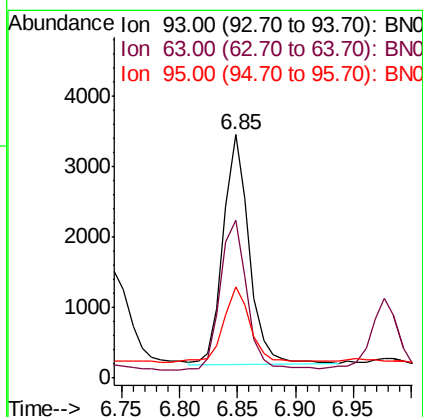
Tgt Ion: 93 Resp: 5060

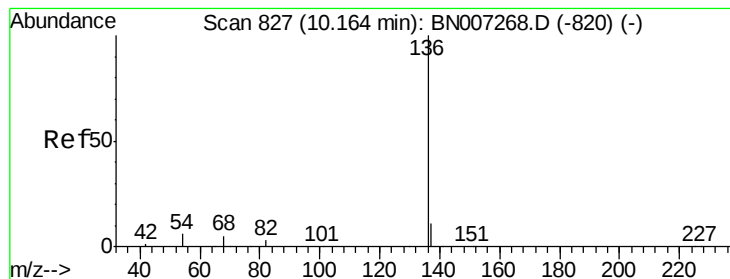
Ion Ratio Lower Upper

93 100

63 66.8 54.4 81.6

95 33.4 25.5 38.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 21240

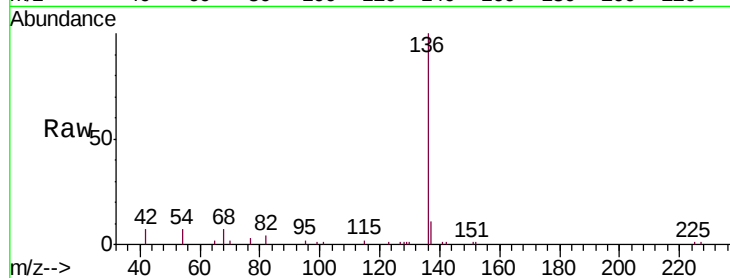
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.2 5.9 8.9

68 7.3 5.6 8.4

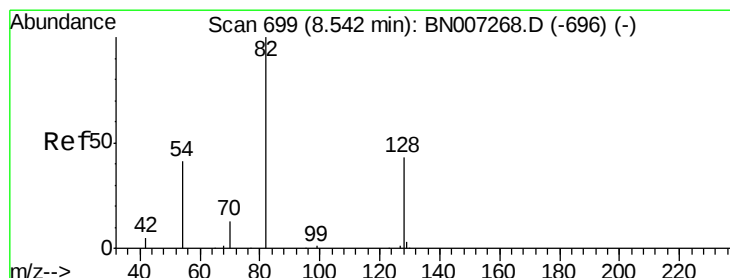
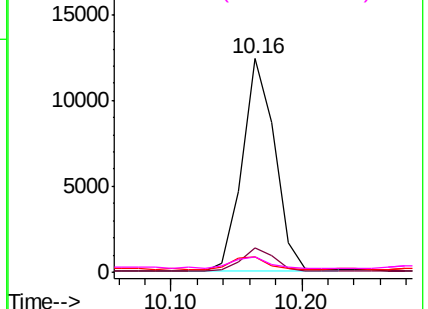
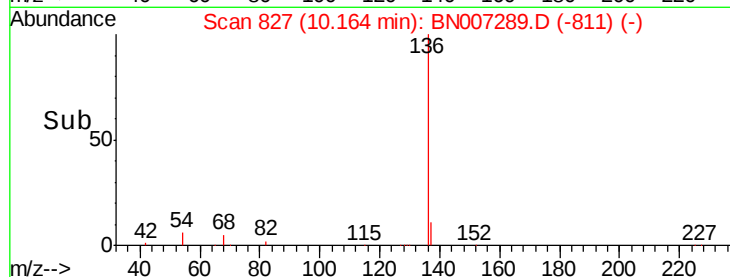


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.324 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

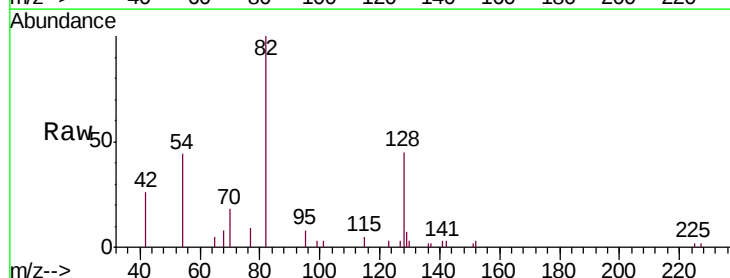
Tgt Ion: 82 Resp: 5286

Ion Ratio Lower Upper

82 100

128 45.4 35.8 53.6

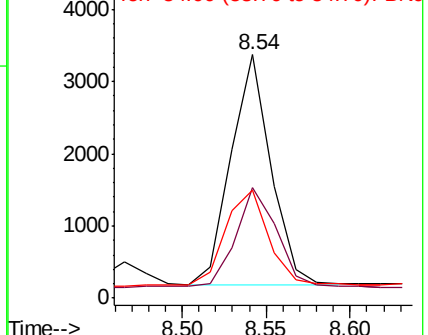
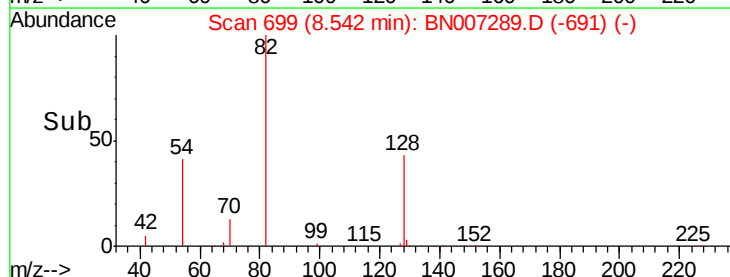
54 44.2 34.7 52.1

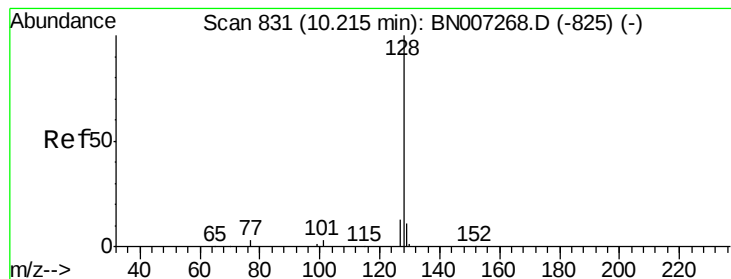


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.622 ng

RT: 10.21 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

ClientSampleId :

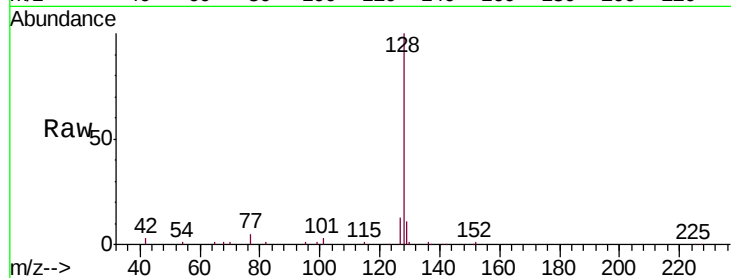
Tot Ion:128 Resp: 37431

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

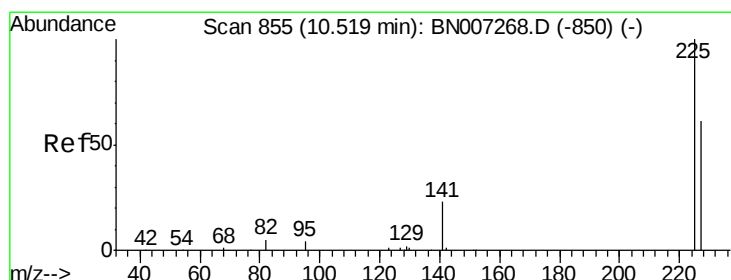
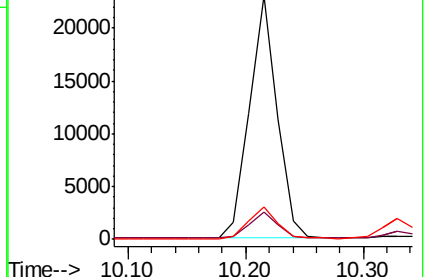
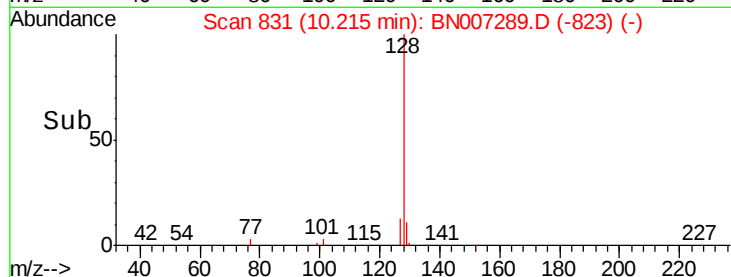
127 13.5 10.6 16.0



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: 0.250 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

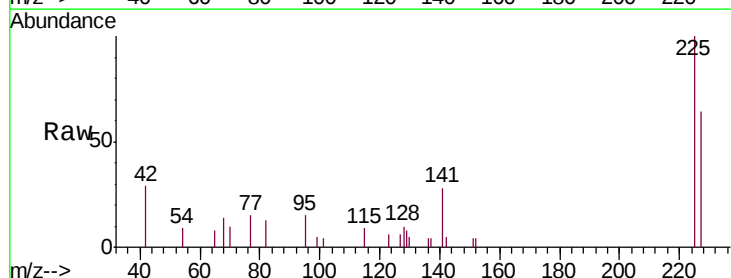
Tgt Ion:225 Resp: 3315

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

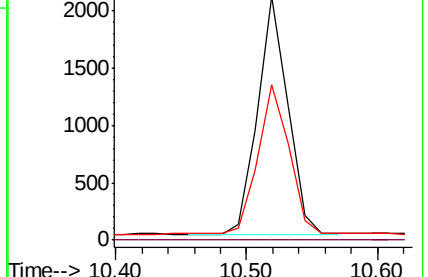
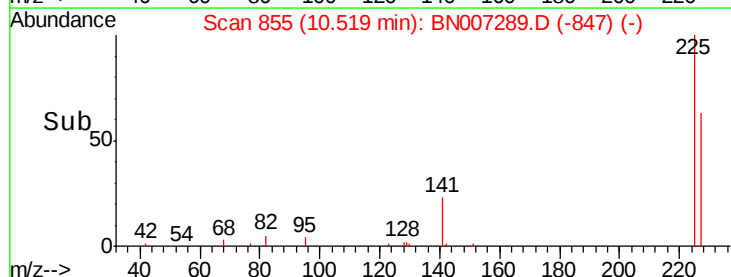
227 64.2 50.2 75.2

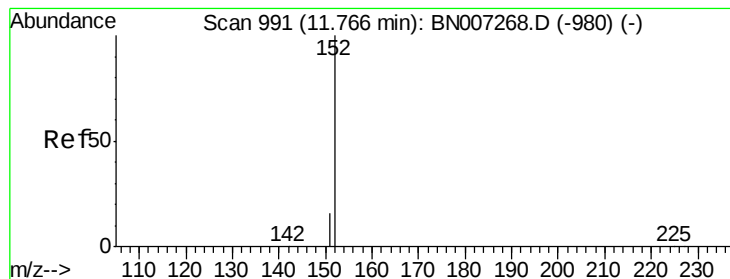


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 11.77 min Scan# 991

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

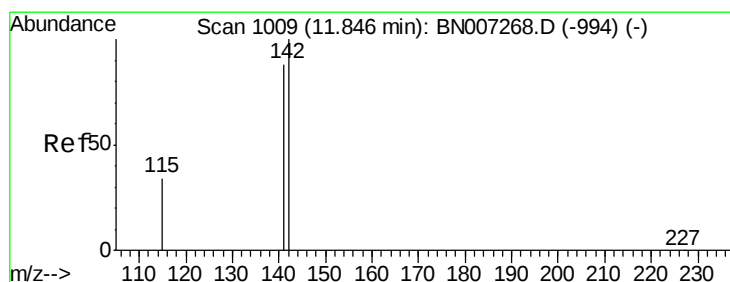
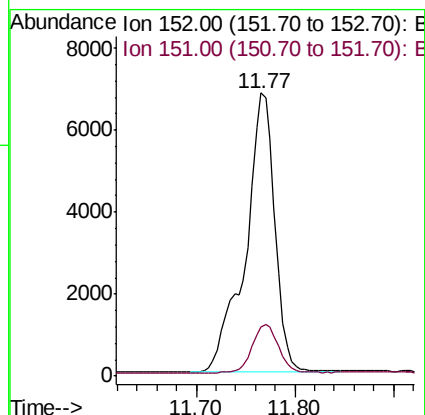
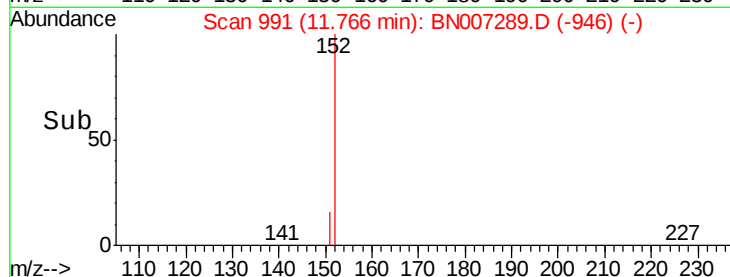
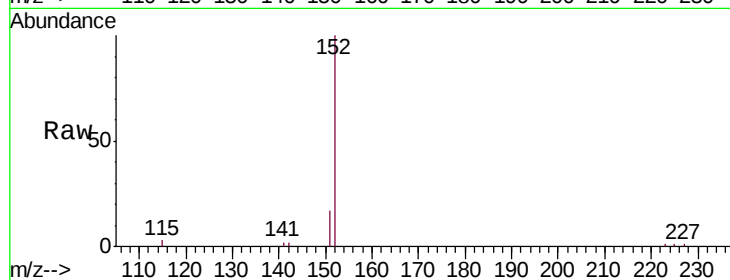
ClientSampleId :

Tot Ion:152 Resp: 14165

Ion Ratio Lower Upper

152 100

151 15.8 15.2 22.8



#12

2-Methylnaphthalene

Concen: 0.754 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

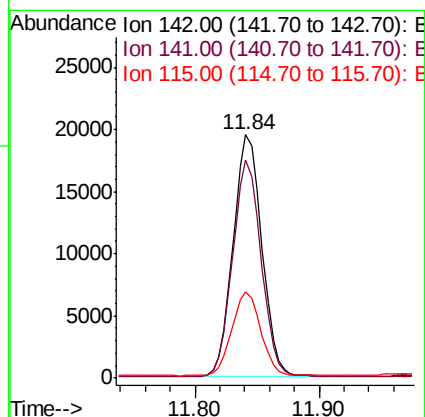
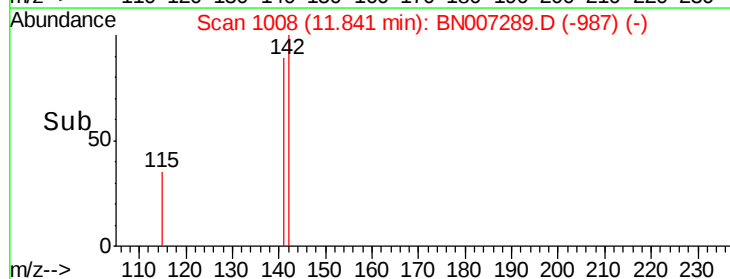
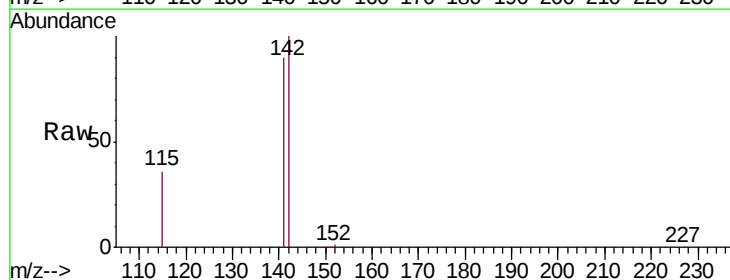
Tgt Ion:142 Resp: 31432

Ion Ratio Lower Upper

142 100

141 89.5 70.7 106.1

115 35.6 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: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

ClientSampleId :

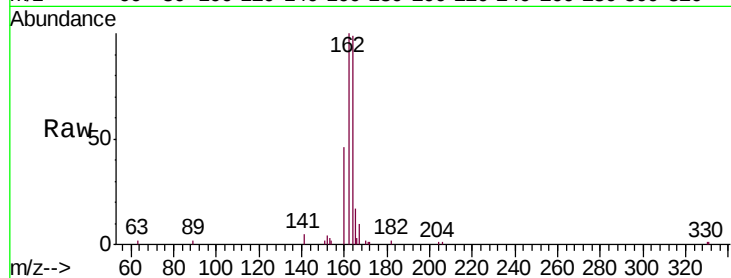
Tot Ion:164 Resp: 12550

Ion Ratio Lower Upper

164 100

162 101.0 82.0 123.0

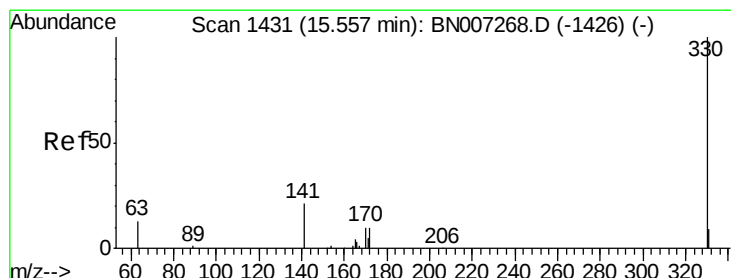
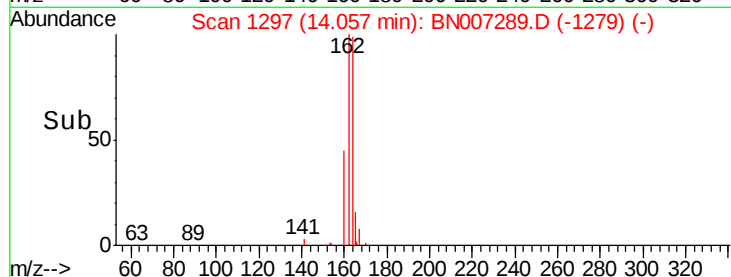
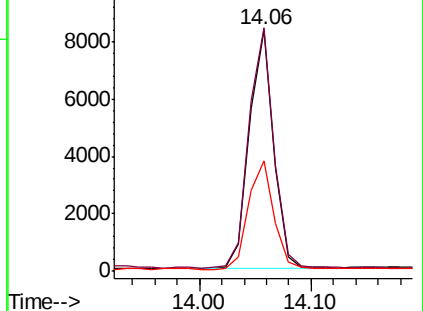
160 46.0 38.2 57.4



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: 0.320 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

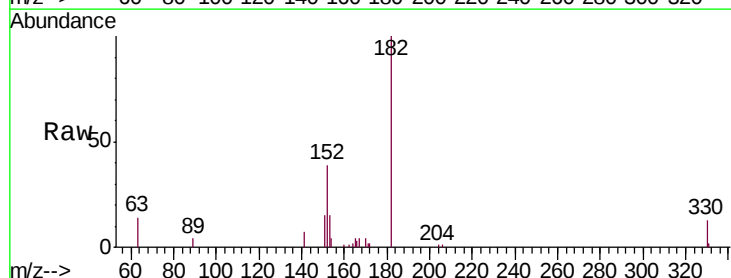
Tgt Ion:330 Resp: 2254

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

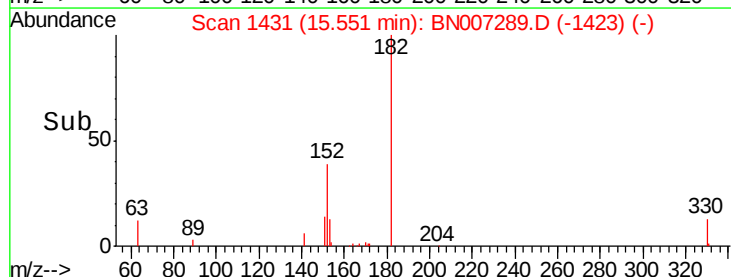
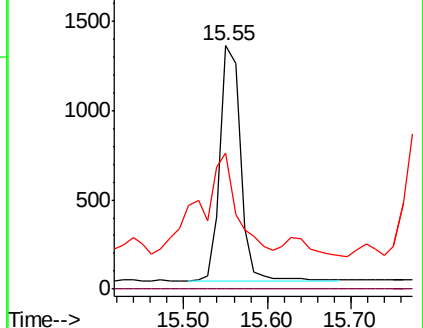
141 67.7 30.3 45.5#

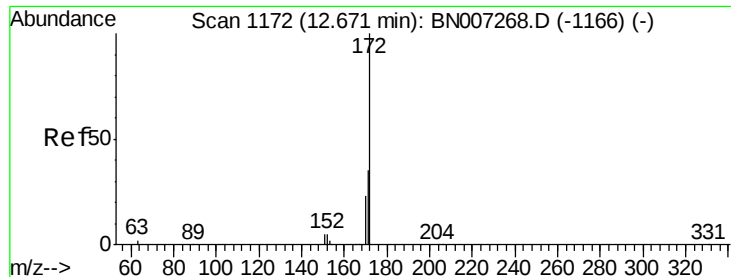


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

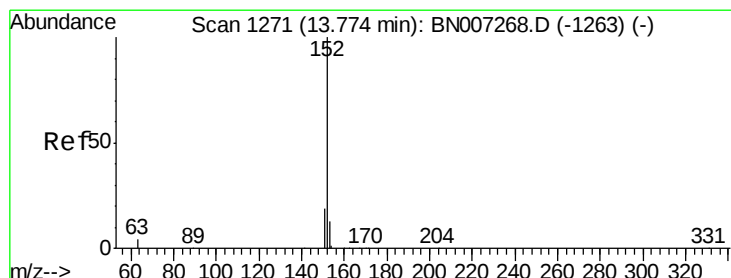
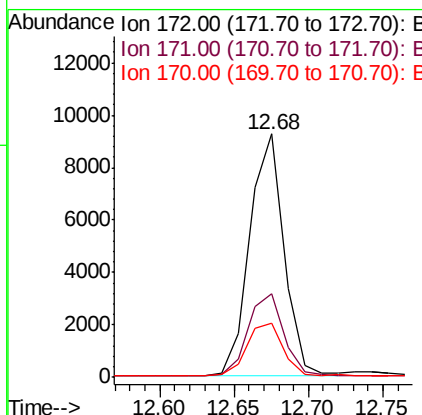
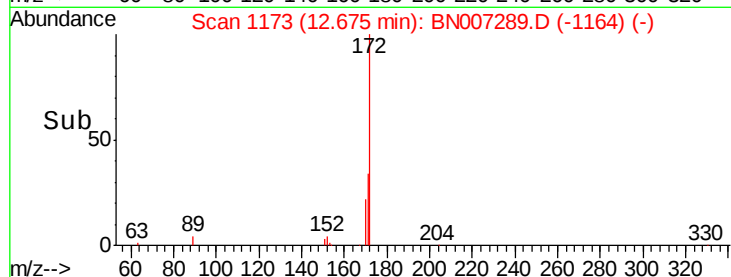
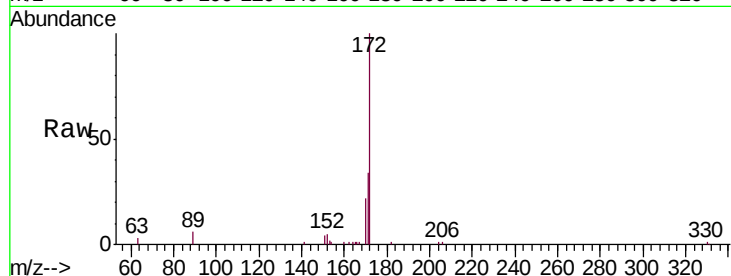




#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007289.D
Acq: 21 Aug 2019 12:03

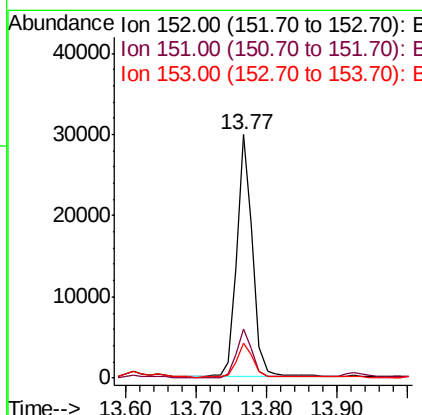
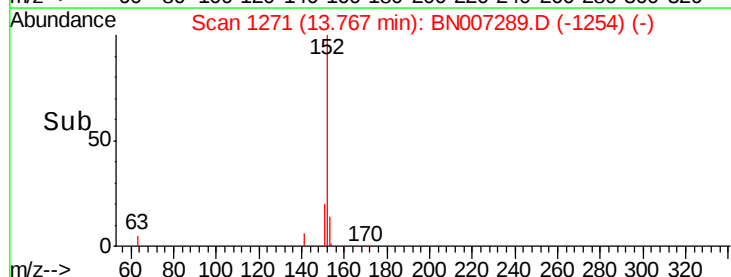
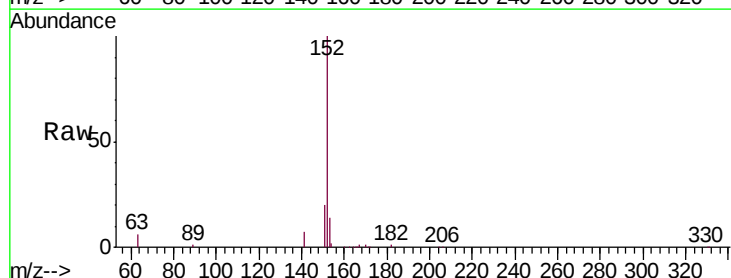
Instrument :
BNA_N
ClientSampleId :

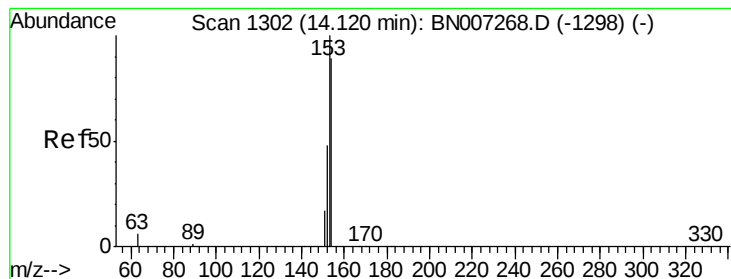
Tot Ion:172 Resp: 14723
Ion Ratio Lower Upper
172 100
171 34.1 28.6 43.0
170 22.4 18.7 28.1



#16
Acenaphthylene
Concen: 0.703 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007289.D
Acq: 21 Aug 2019 12:03

Tgt Ion:152 Resp: 46776
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2
153 14.3 10.1 15.1





#17

Acenaphthene

Concen: 1.459 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

ClientSampleId :

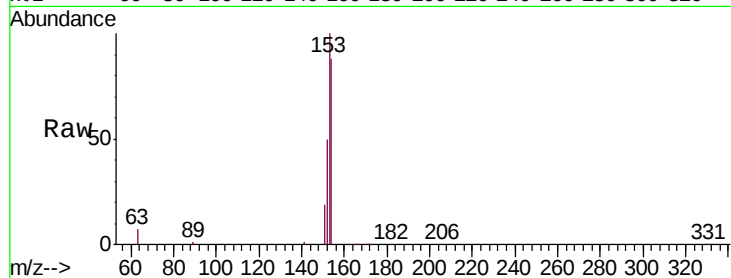
Tot Ion:154 Resp: 61861

Ion Ratio Lower Upper

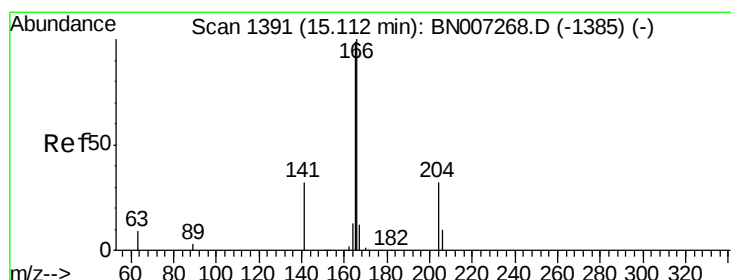
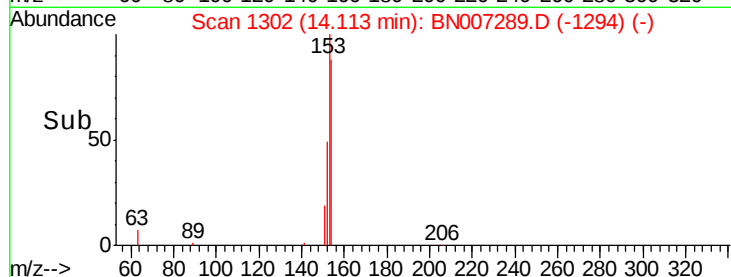
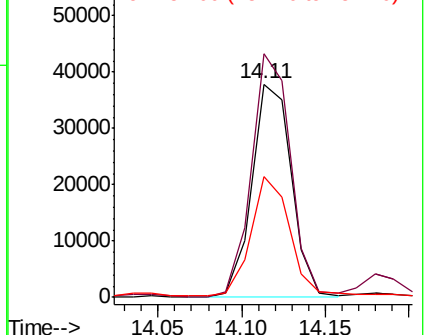
154 100

153 113.3 89.9 134.9

152 56.0 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: 1.444 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

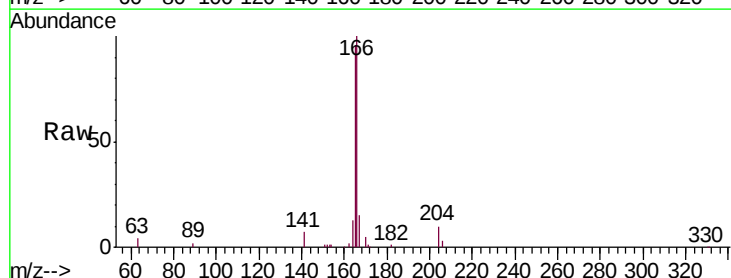
Tgt Ion:166 Resp: 79995

Ion Ratio Lower Upper

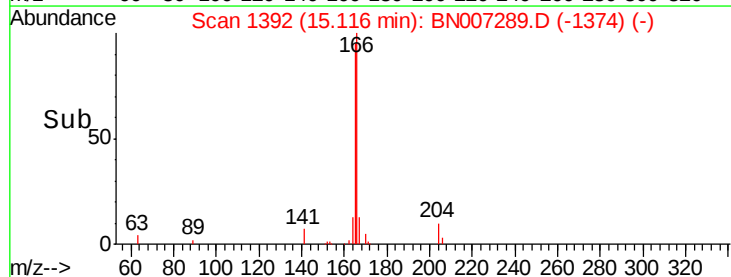
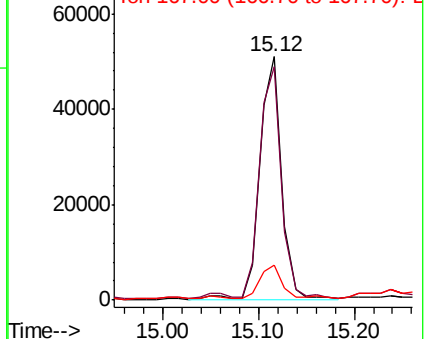
166 100

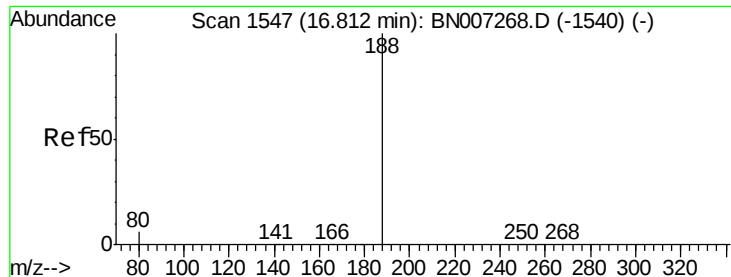
165 95.4 78.3 117.5

167 14.0 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: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

ClientSampleId :

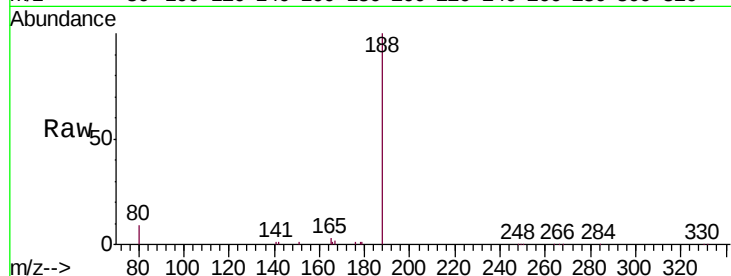
Tot Ion:188 Resp: 30182

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

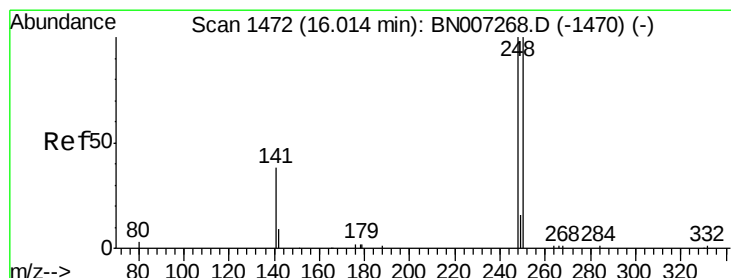
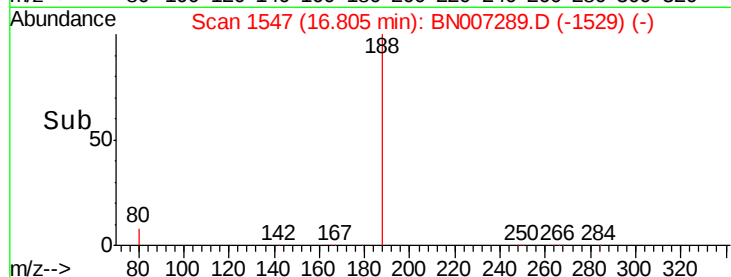
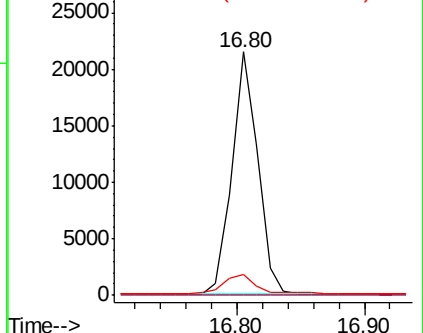
80 8.8 5.2 7.8#



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: 0.294 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

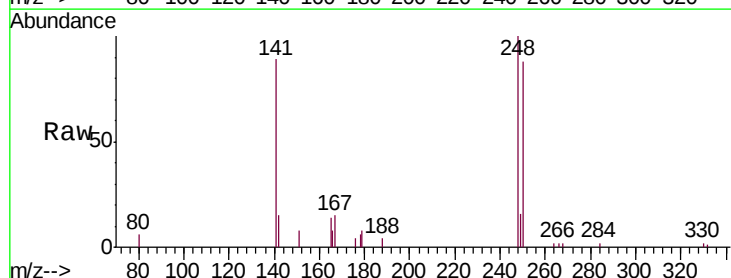
Tgt Ion:248 Resp: 5077

Ion Ratio Lower Upper

248 100

250 88.4 79.6 119.4

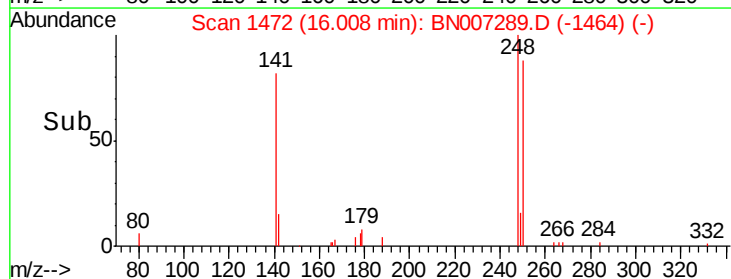
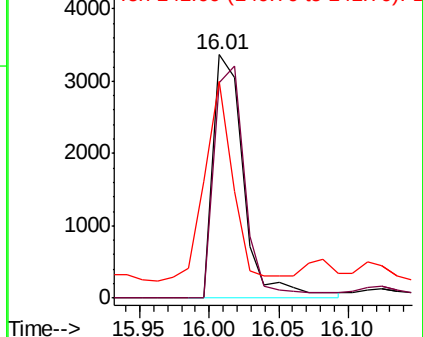
141 89.0 45.1 67.7#



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: 0.247 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

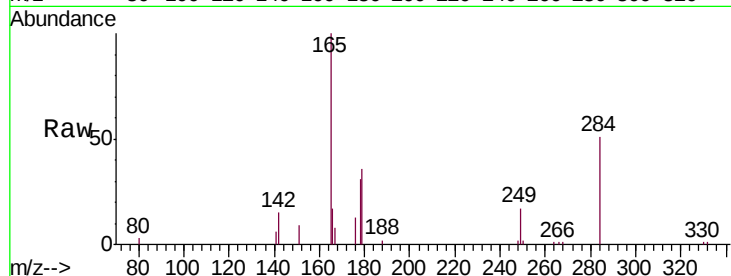
Instrument :

BNA_N

ClientSampleId :

Tot Ion:284 Resp: 4943

Ion	Ratio	Lower	Upper
284	100		
142	37.9	29.5	44.3
249	33.7	26.2	39.4

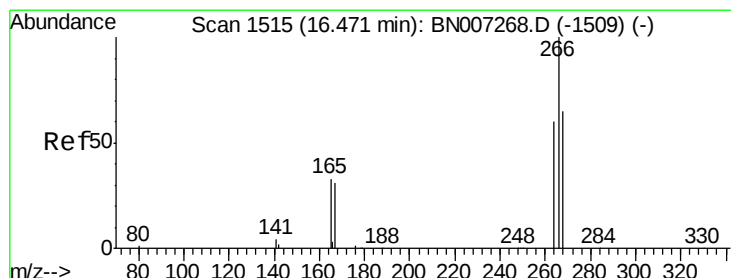
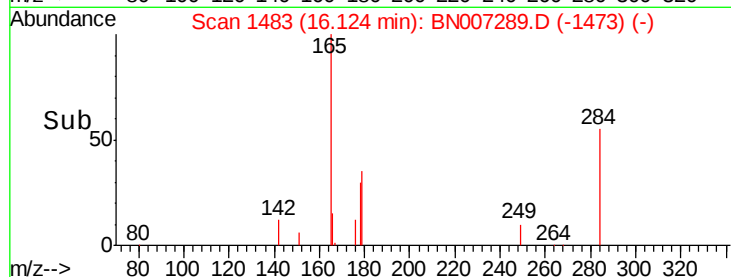
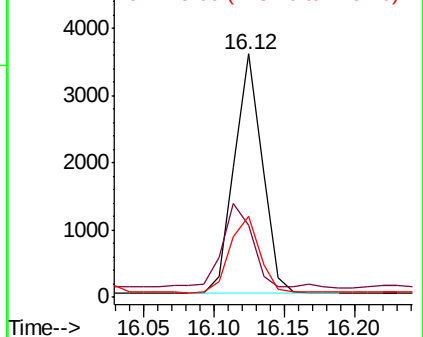


Abundance

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: 0.077 ng

RT: 16.46 min Scan# 1515

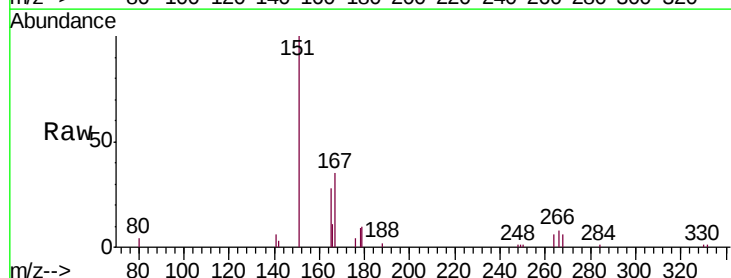
Delta R.T. -0.01 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

Tgt Ion:266 Resp: 620

Ion	Ratio	Lower	Upper
266	100		
264	68.2	48.7	73.1
268	69.1	53.5	80.3

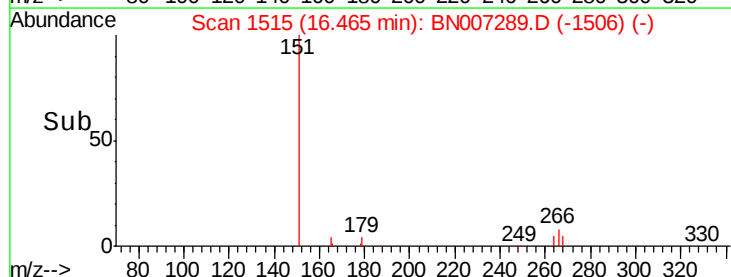
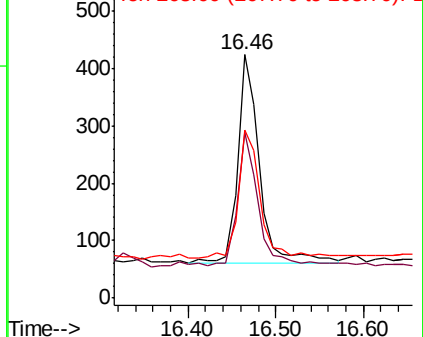


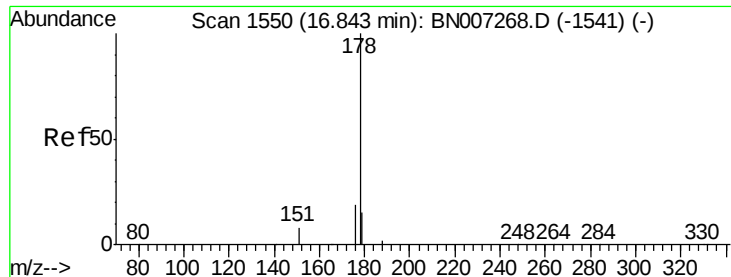
Abundance

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: 10.043 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

ClientSampleId :

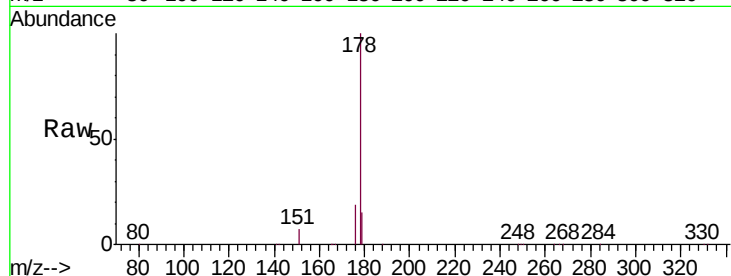
Tot Ion:178 Resp: 950027

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

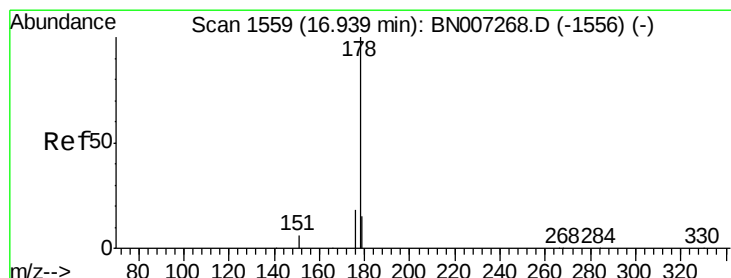
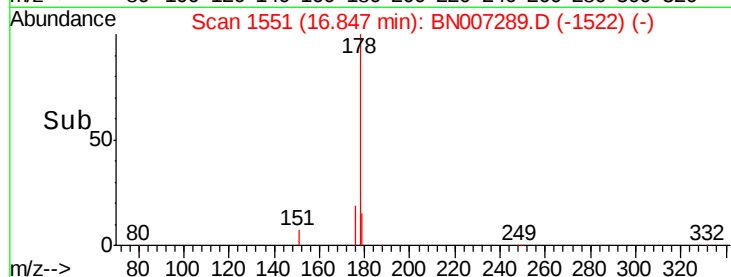
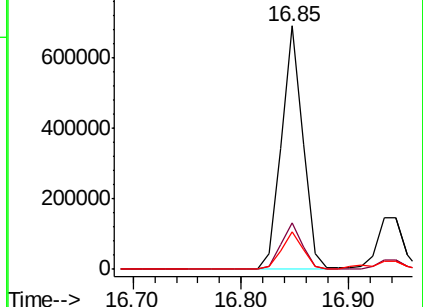
179 15.4 12.3 18.5



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: 2.721 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

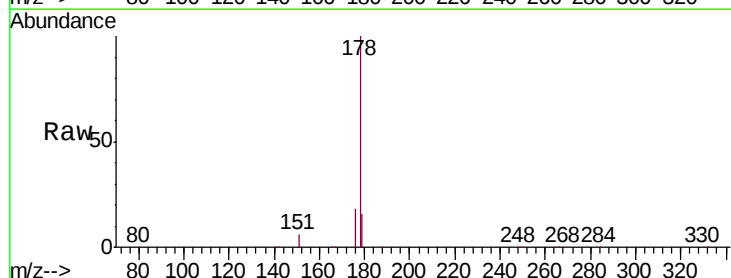
Tgt Ion:178 Resp: 231740

Ion Ratio Lower Upper

178 100

176 18.5 14.3 21.5

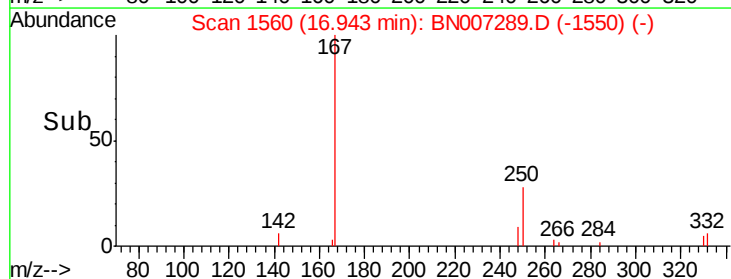
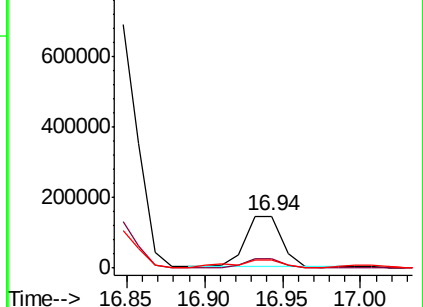
179 21.3 12.3 18.5#

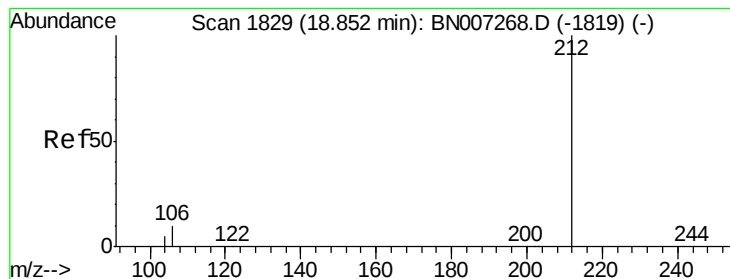


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.272 ng

RT: 18.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

ClientSampleId :

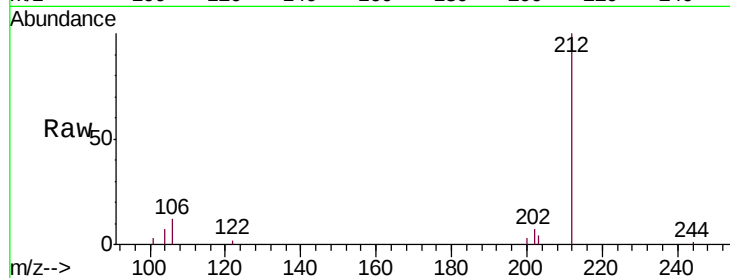
Tot Ion:212 Resp: 26052

Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.4

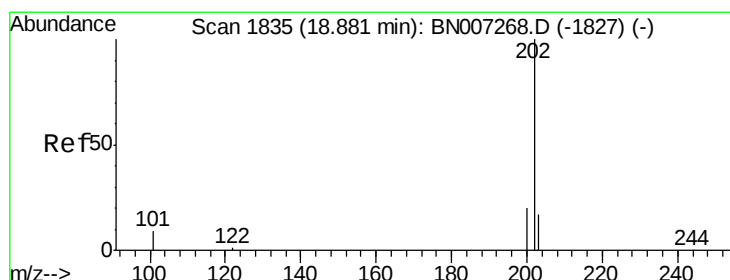
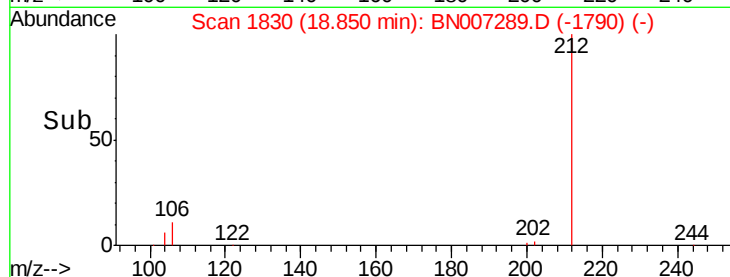
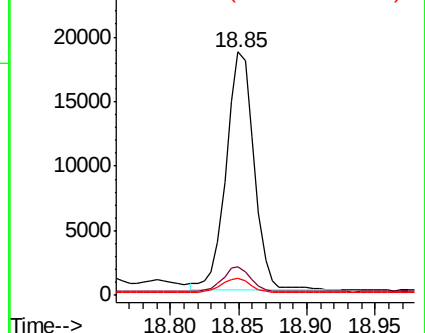
104 6.4 4.7 7.1



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: 8.607 ng

RT: 18.88 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

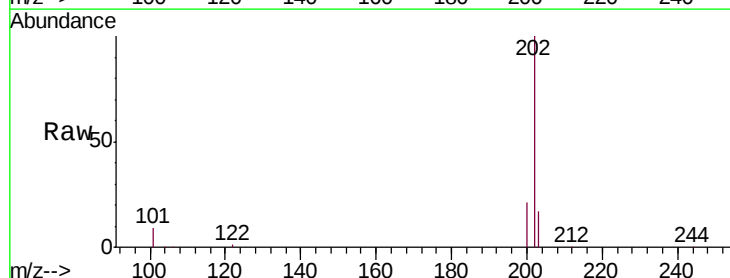
Tgt Ion:202 Resp: 986198

Ion Ratio Lower Upper

202 100

101 9.0 7.2 10.8

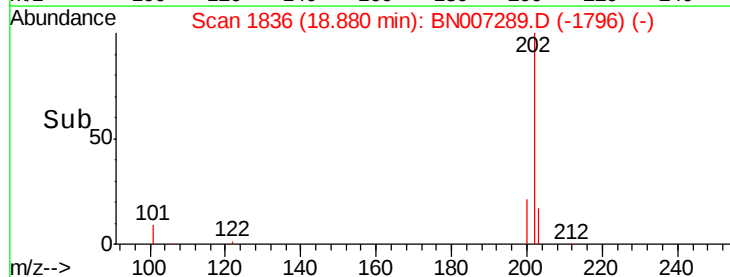
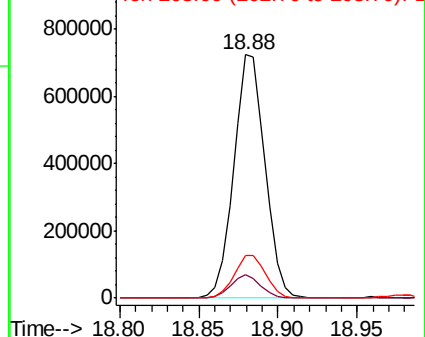
203 17.5 13.8 20.6

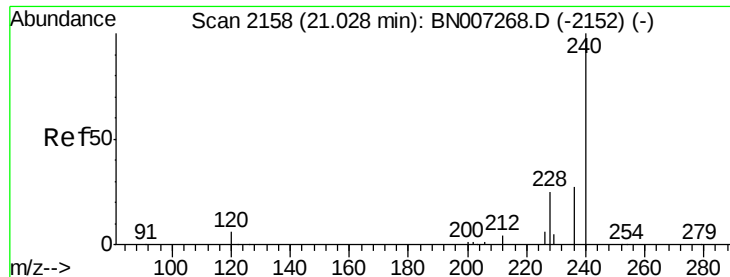


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

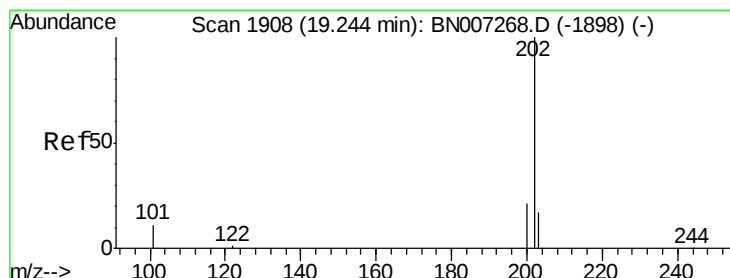
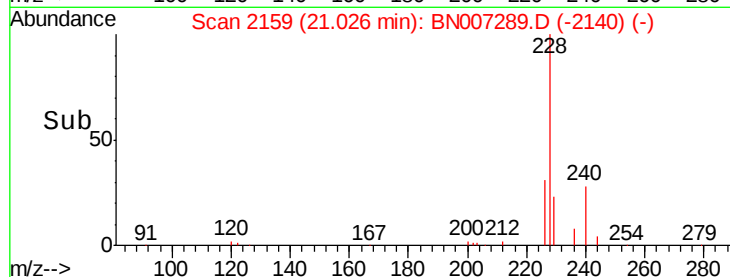
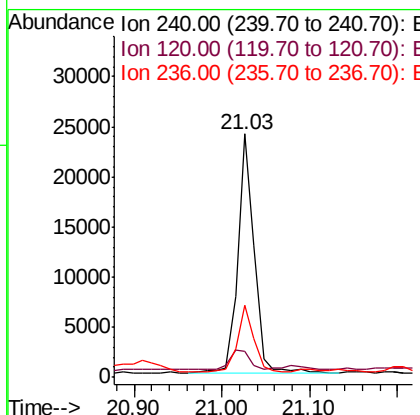
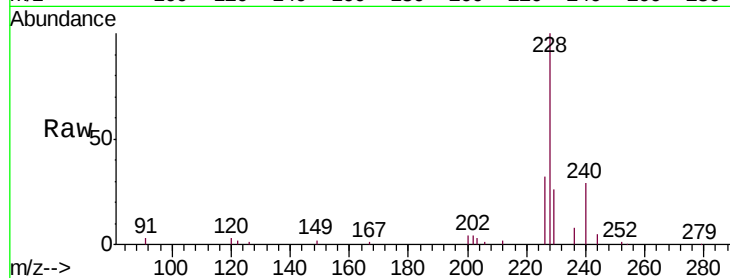




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007289.D
Acq: 21 Aug 2019 12:03

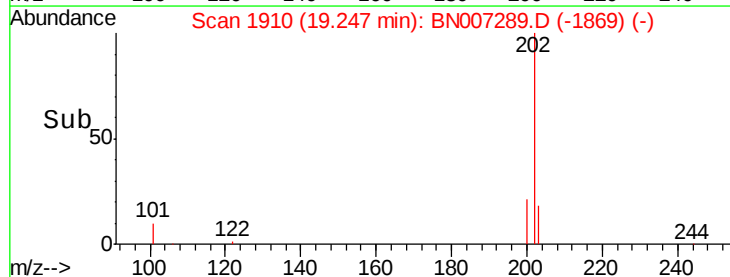
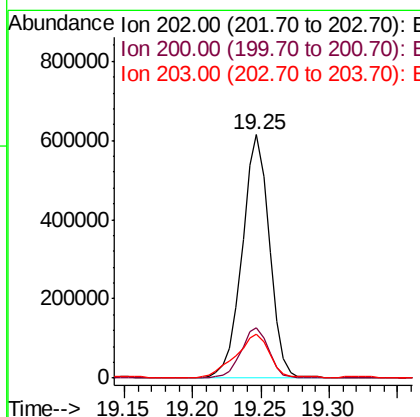
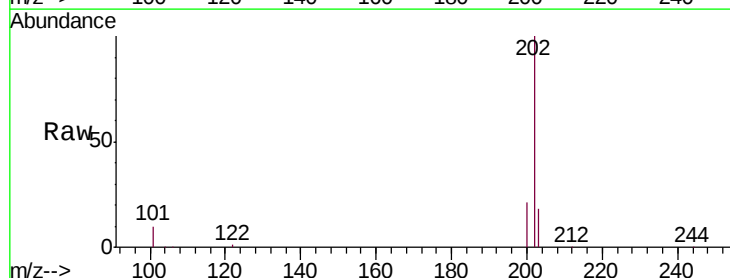
Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 30981
Ion Ratio Lower Upper
240 100
120 10.9 5.6 8.4#
236 29.4 21.6 32.4



#28
Pyrene
Concen: 7.337 ng
RT: 19.25 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BN007289.D
Acq: 21 Aug 2019 12:03

Tgt Ion:202 Resp: 850055
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 22.8 13.9 20.9#





#29

Terphenyl-d14

Concen: 0.240 ng

RT: 19.47 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

ClientSampleId :

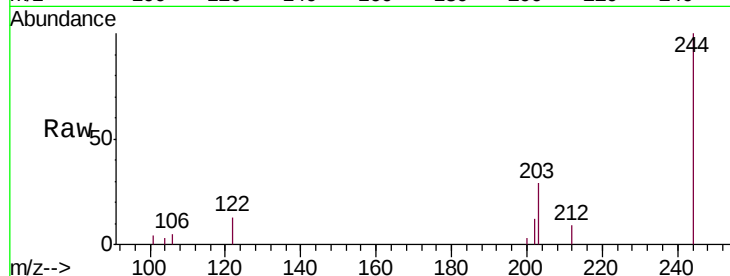
Tot Ion:244 Resp: 18586

Ion Ratio Lower Upper

244 100

212 9.3 6.5 9.7

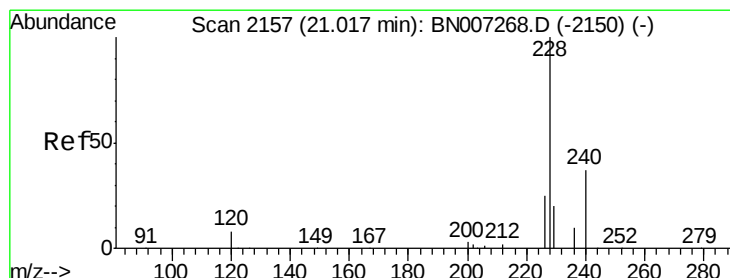
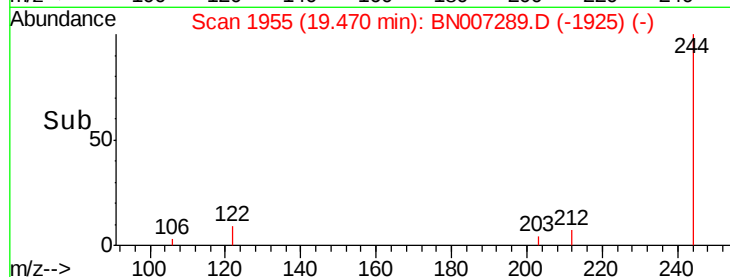
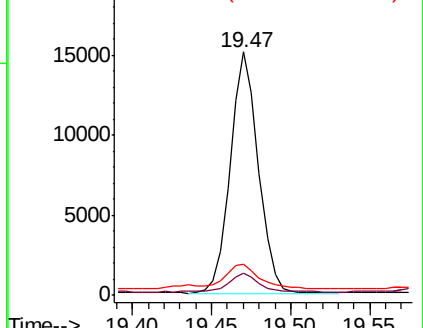
122 12.6 7.9 11.9#



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: 4.419 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

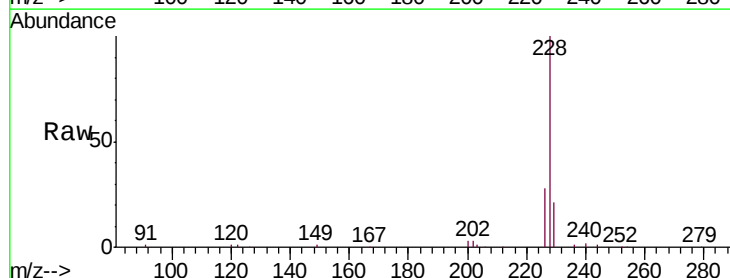
Tgt Ion:228 Resp: 509066

Ion Ratio Lower Upper

228 100

226 28.2 20.6 30.8

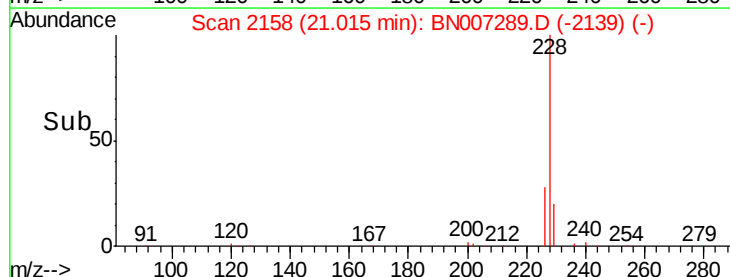
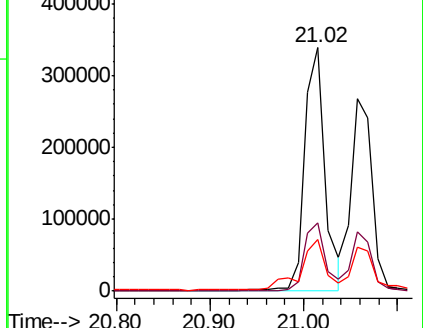
229 21.3 16.9 25.3



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: 3.501 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

ClientSampleId :

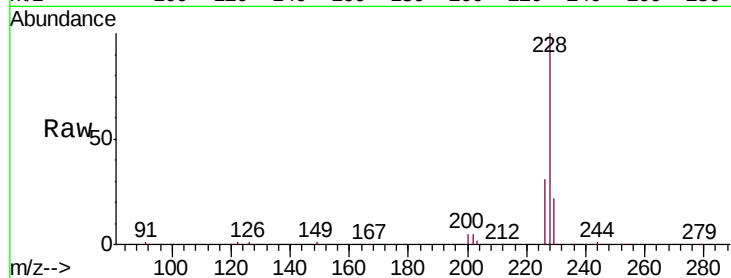
Tot Ion:228 Resp: 411527

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

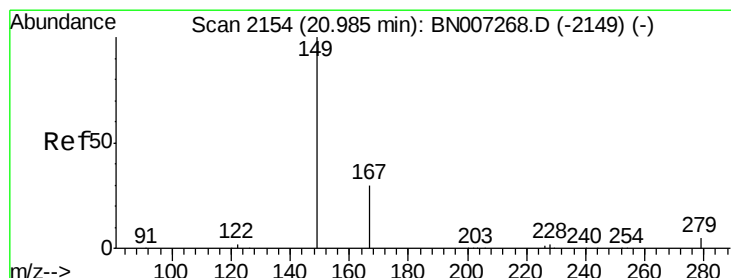
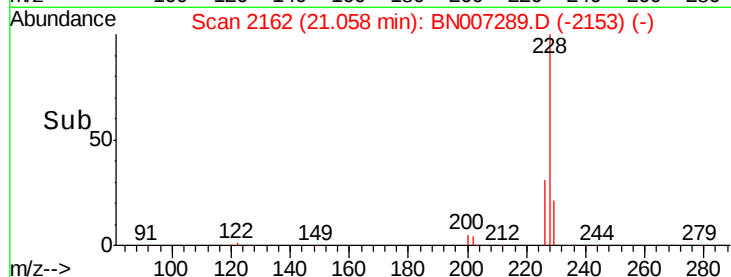
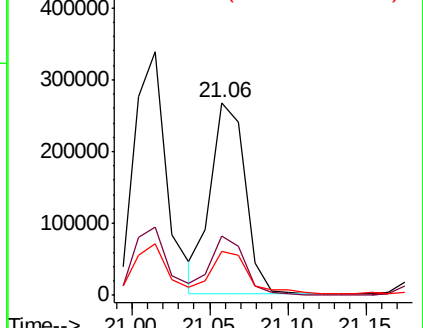
229 22.5 15.6 23.4



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: 0.549 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

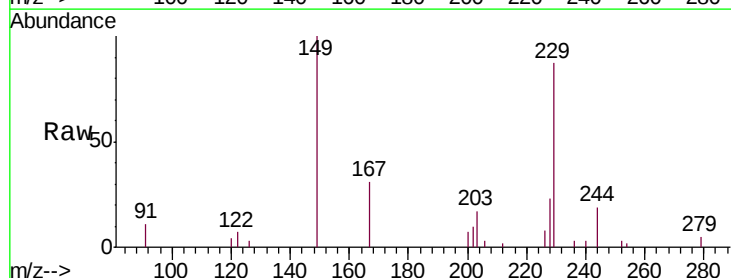
Tgt Ion:149 Resp: 25291

Ion Ratio Lower Upper

149 100

167 28.6 23.8 35.6

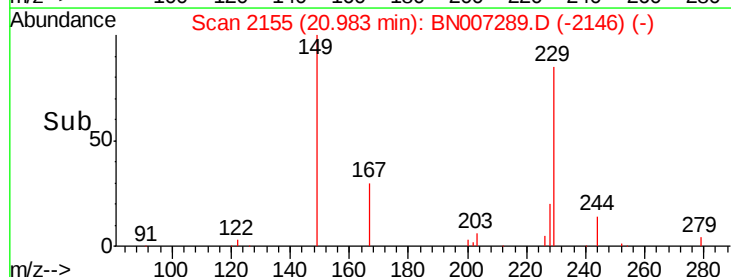
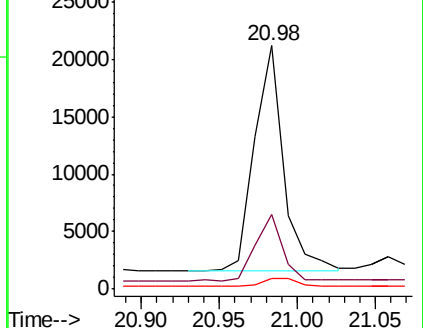
279 4.4 3.8 5.8

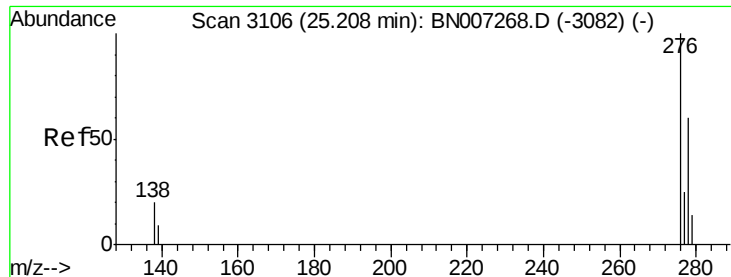


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

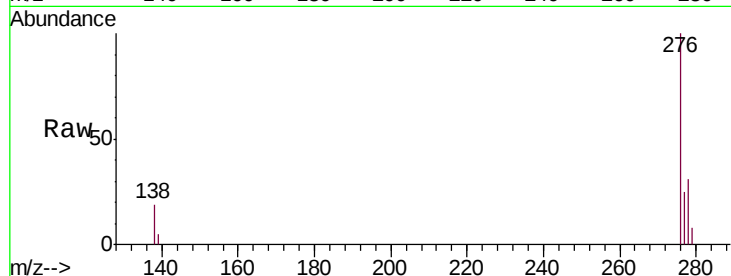




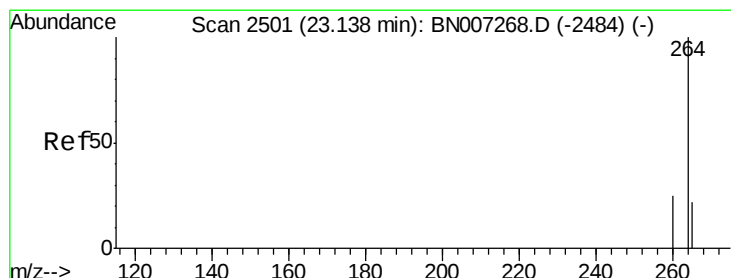
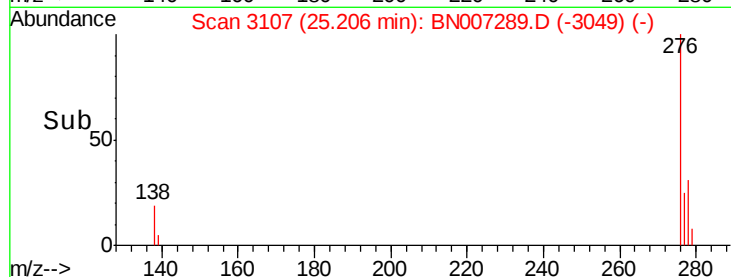
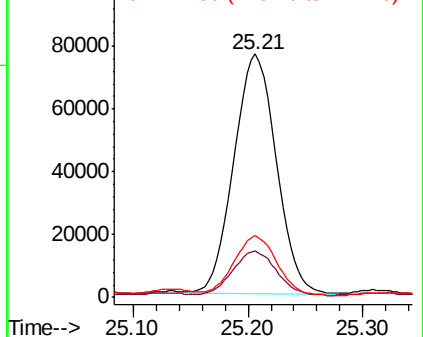
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.384 ng
 RT: 25.21 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: BN007289.D
 Acq: 21 Aug 2019 12:03

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 195822
 Ion Ratio Lower Upper
 276 100
 138 19.0 17.1 25.7
 277 25.0 20.1 30.1

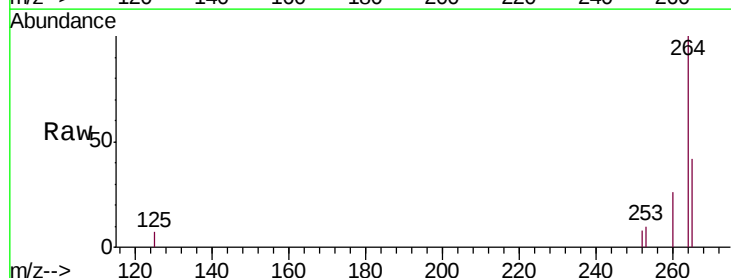


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

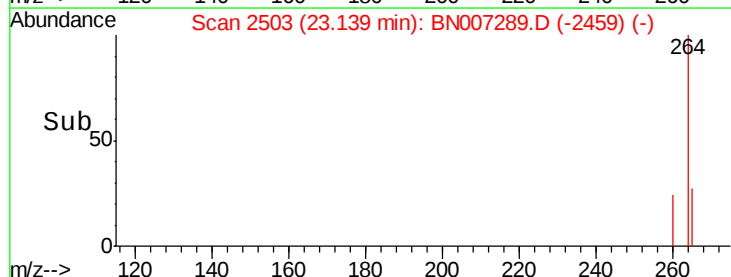
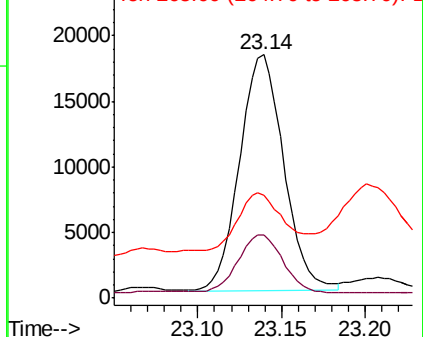


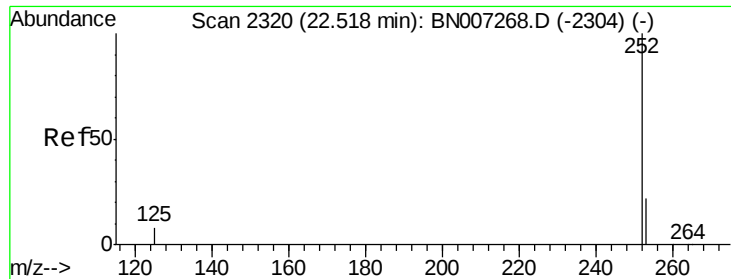
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.14 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BN007289.D
 Acq: 21 Aug 2019 12:03

Tgt Ion:264 Resp: 33361
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.1 30.1
 265 42.3 29.0 43.6



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





#35

Benzo(b)fluoranthene

Concen: 3.600 ng

RT: 22.52 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

ClientSampled :

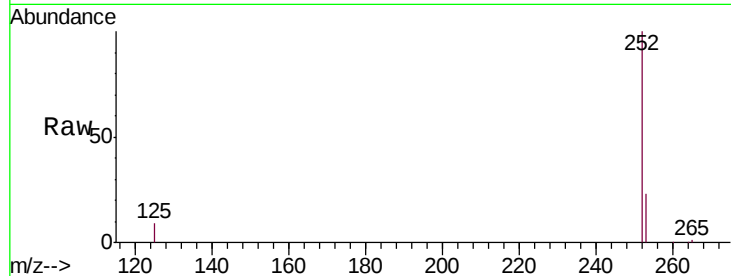
Tot Ion:252 Resp: 447703

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

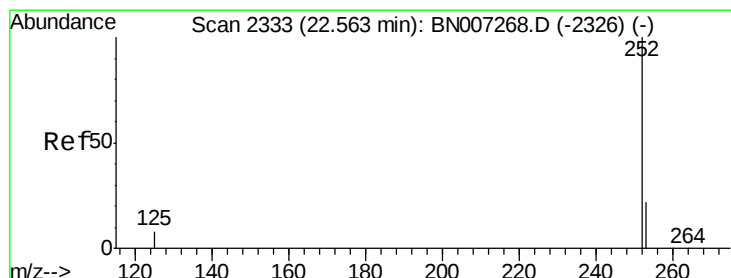
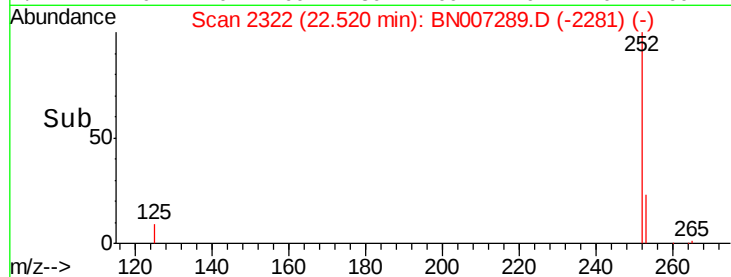
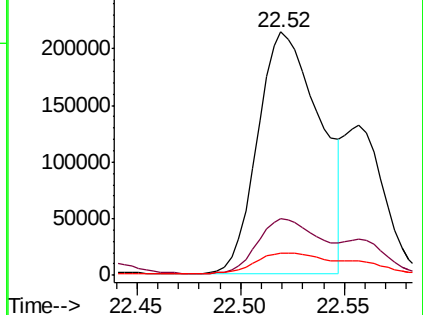
125 9.2 7.8 11.6



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: 3.674 ng

RT: 22.52 min Scan# 2322

Delta R.T. -0.04 min

Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

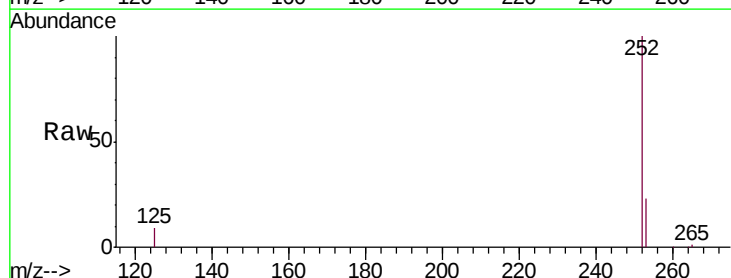
Tgt Ion:252 Resp: 447703

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

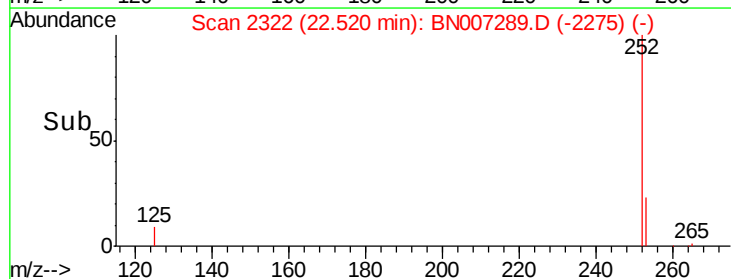
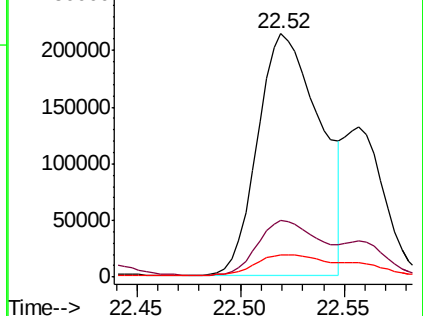
125 9.2 8.0 12.0



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

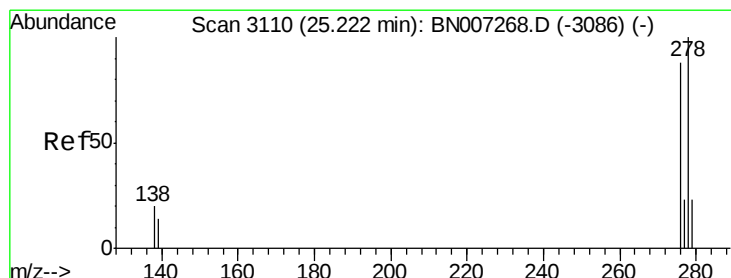
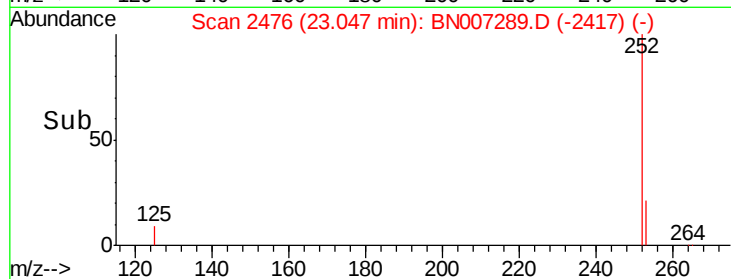
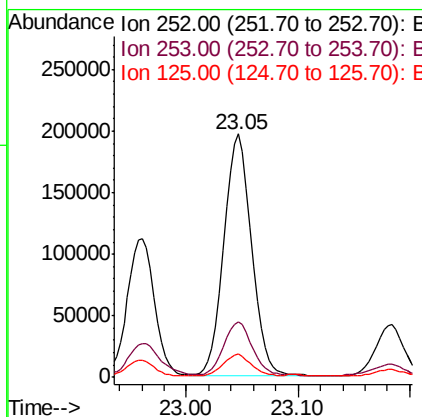
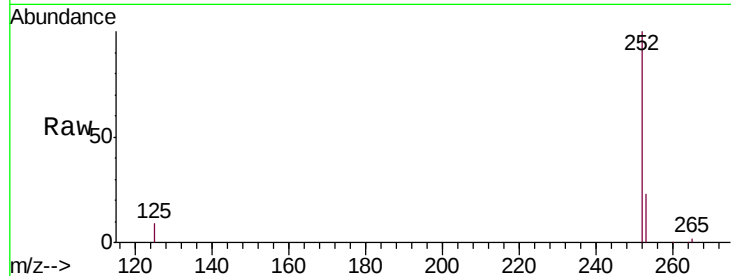




#37
Benzo(a)pyrene
Concen: 2.999 ng
RT: 23.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: BN007289.D
Acq: 21 Aug 2019 12:03

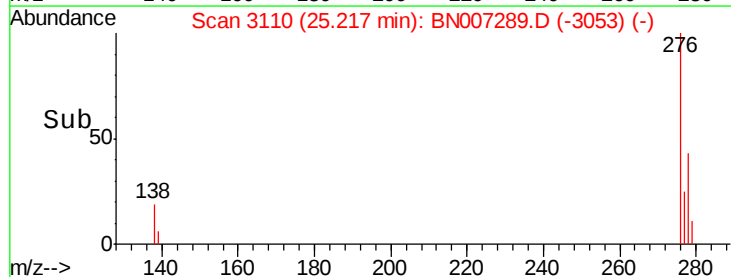
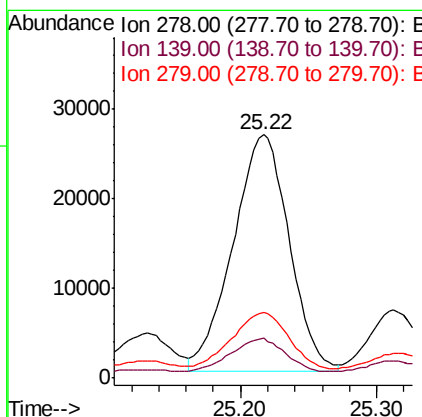
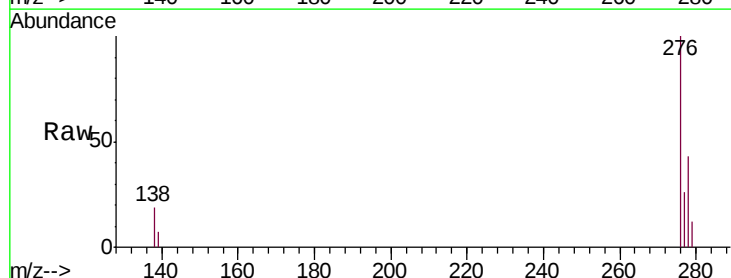
Instrument :
BNA_N
ClientSampleId :

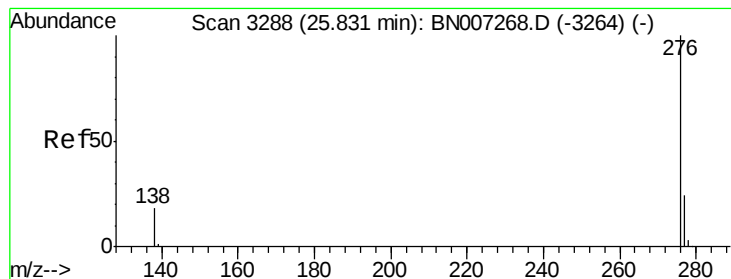
Tot Ion:252 Resp: 336150
Ion Ratio Lower Upper
252 100
253 23.0 18.7 28.1
125 9.4 8.7 13.1



#38
Dibenzo(a,h)anthracene
Concen: 0.644 ng
RT: 25.22 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BN007289.D
Acq: 21 Aug 2019 12:03

Tgt Ion:278 Resp: 75837
Ion Ratio Lower Upper
278 100
139 16.3 11.8 17.8
279 27.2 19.8 29.6





#39

Benzo(a,h,i)perylene

Concen: 1.442 ng

RT: 25.83 min Scan# 3290

Delta R.T. 0.00 min

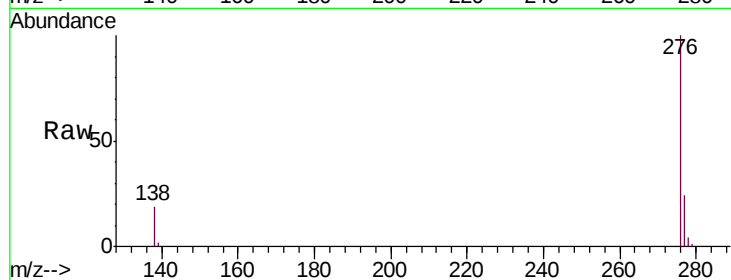
Lab File: BN007289.D

Acq: 21 Aug 2019 12:03

Instrument :

BNA_N

ClientSampleId :



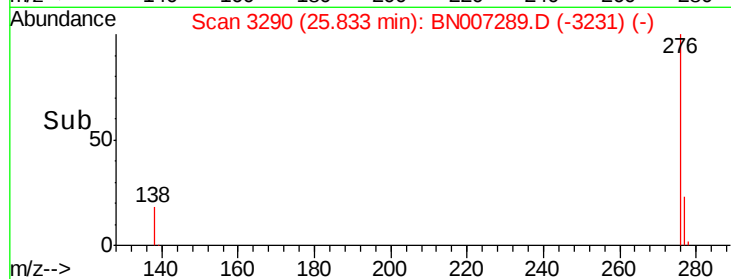
Tot Ion:276 Resp: 171684

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 18.9 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

