

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007297.D
 Acq On : 21 Aug 2019 19:22
 Operator : HP/JU
 Sample : K4440-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 22 04:59:58 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	5632	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	20963	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	11727	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	28449	0.40	ng	0.00
27) Chrysene-d12	21.04	240	41813	0.40	ng	0.00
34) Perylene-d12	23.14	264	43810	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	3602	0.21	ng	0.00
5) Phenol-d6	6.60	99	4447	0.22	ng	0.00
8) Nitrobenzene-d5	8.54	82	3169	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	8649	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1363	0.21	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	9076	0.18	ng	0.00
25) Fluoranthene-d10	18.85	212	17192	0.19	ng	0.00
29) Terphenyl-d14	19.47	244	17762	0.17	ng	0.00

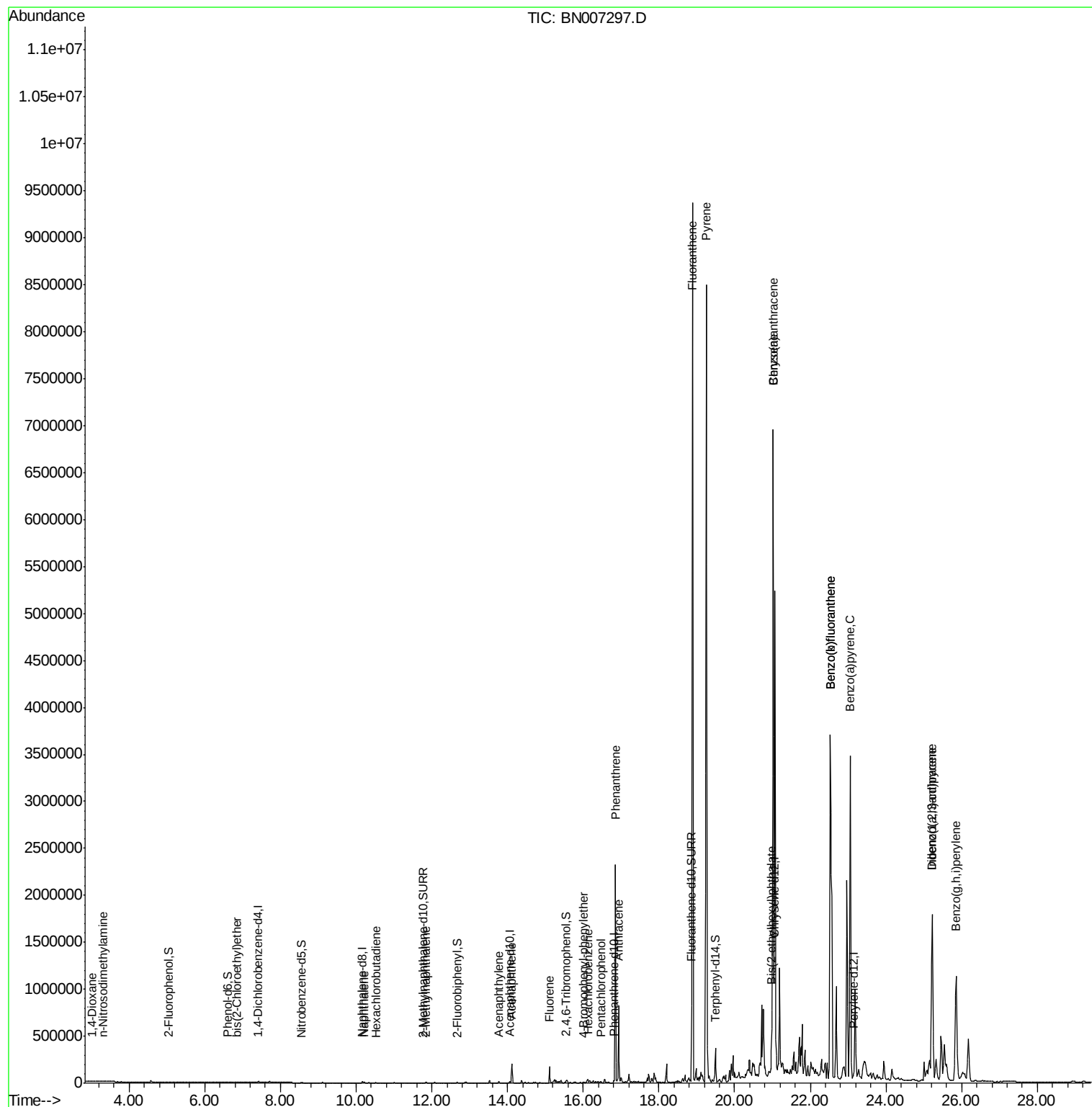
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1344	0.168	ng	# 57
3) n-Nitrosodimethylamine	3.32	42	953	0.178	ng	# 89
6) bis(2-Chloroethyl)ether	6.85	93	3584	0.215	ng	97
9) Naphthalene	10.22	128	15089	0.254	ng	98
10) Hexachlorobutadiene	10.52	225	2354	0.180	ng	# 98
12) 2-Methylnaphthalene	11.84	142	10380	0.252	ng	99
16) Acenaphthylene	13.77	152	22759	0.366	ng	97
17) Acenaphthene	14.11	154	109367	2.760	ng	99
18) Fluorene	15.12	166	113944	2.201	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	3326	0.204	ng	# 76
21) Hexachlorobenzene	16.12	284	3284	0.174	ng	97
22) Pentachlorophenol	16.46	266	3132	0.414	ng	94
23) Phenanthrene	16.85	178	2370502	26.585	ng	99
24) Anthracene	16.94	178	914051	11.385	ng	98
26) Fluoranthene	18.89	202	9140425	84.630	ng	97
28) Pyrene	19.25	202	8470762	54.175	ng	# 90
30) Benzo(a)anthracene	21.02	228	6016065	38.694	ng	96
31) Chrysene	21.02	228	5169686	32.582	ng	95
32) Bis(2-ethylhexyl)phthalate	20.98	149	46640	0.751	ng	# 78
33) Indeno(1,2,3-cd)pyrene	25.22	276	2666644	13.967	ng	96
35) Benzo(b)fluoranthene	22.53	252	6293785	38.535	ng	99
36) Benzo(k)fluoranthene	22.53	252	6293785	39.335	ng	98
37) Benzo(a)pyrene	23.06	252	4698613	31.921	ng	98
38) Dibenzo(a,h)anthracene	25.22	278	829285	5.363	ng	96
39) Benzo(g,h,i)perylene	25.85	276	2358392	15.088	ng	99

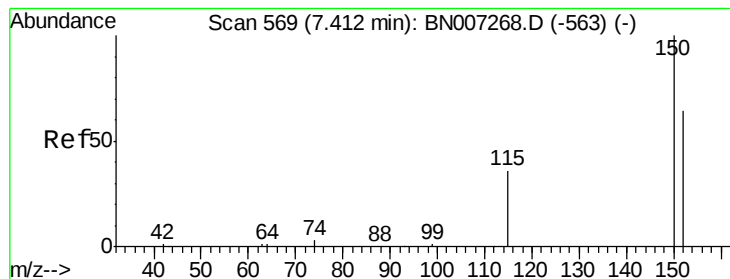
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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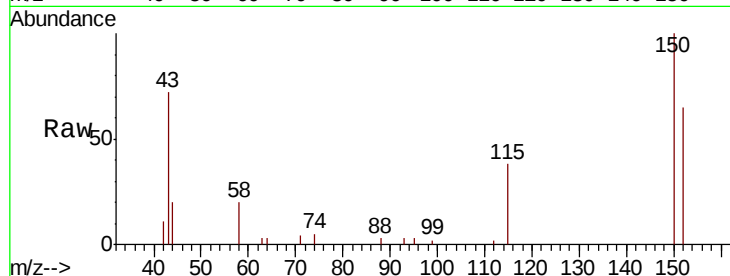




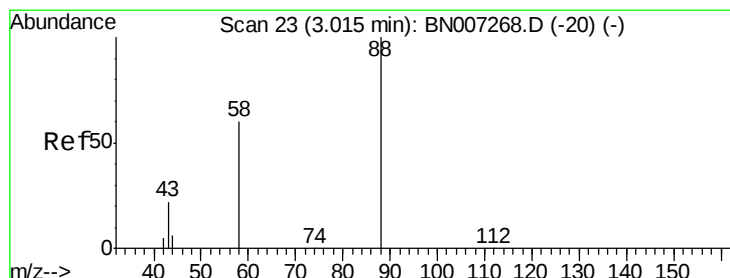
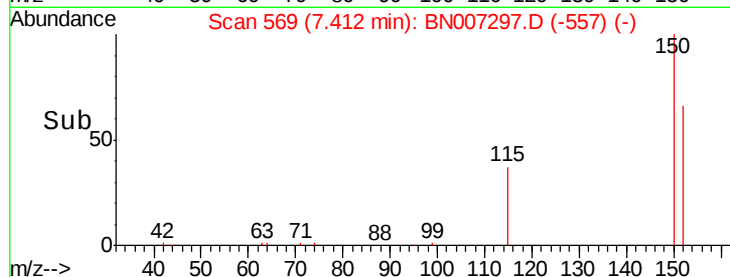
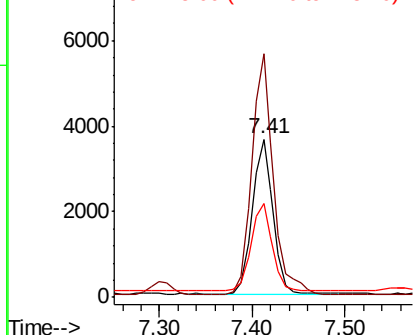
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.41 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BN007297.D
 Acq: 21 Aug 2019 19:22

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 5632
 Ion Ratio Lower Upper
 152 100
 150 154.3 123.8 185.8
 115 59.2 47.3 70.9

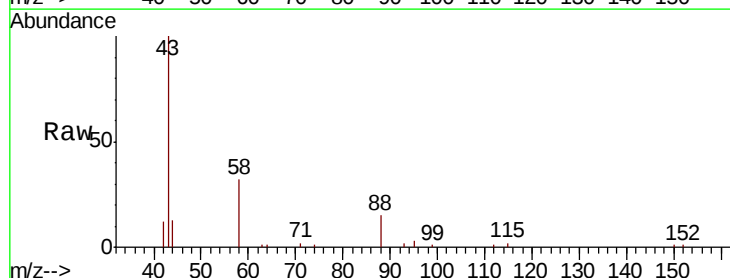


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

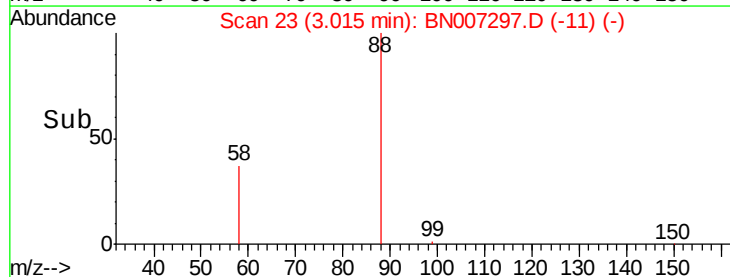
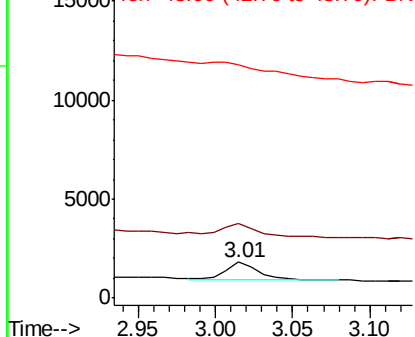


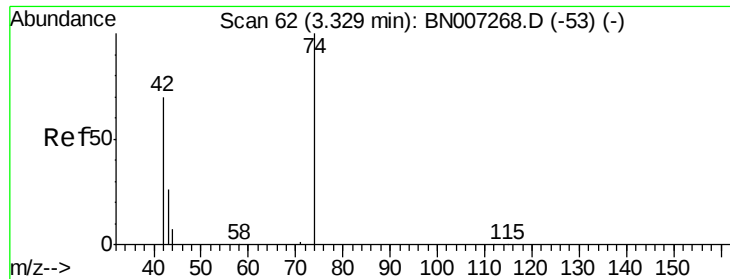
#2
 1,4-Dioxane
 Concen: 0.168 ng
 RT: 3.01 min Scan# 23
 Delta R.T. 0.00 min
 Lab File: BN007297.D
 Acq: 21 Aug 2019 19:22

Tgt Ion: 88 Resp: 1344
 Ion Ratio Lower Upper
 88 100
 58 85.8 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



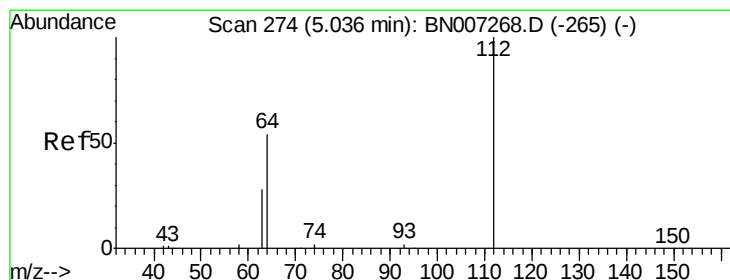
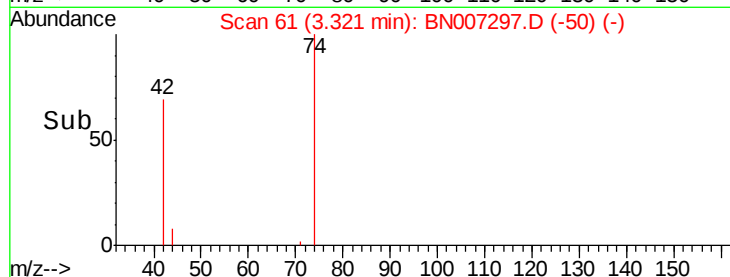
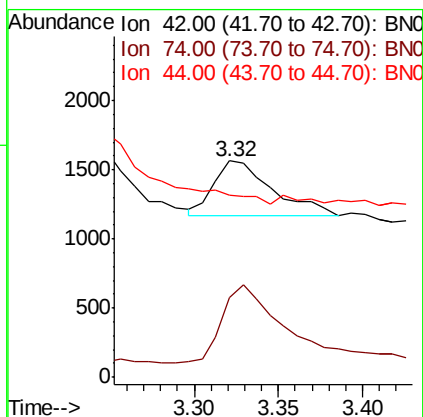
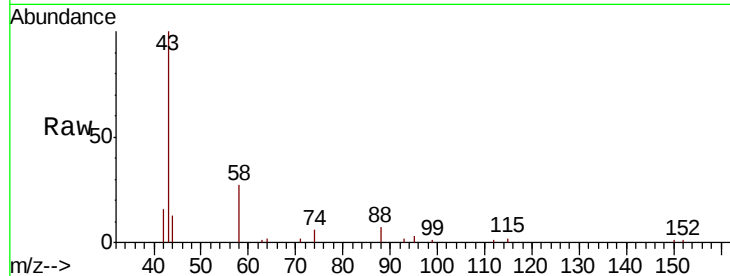


#3

n-Nitrosodimethylamine
 Concen: 0.178 ng
 RT: 3.32 min Scan# 61
 Delta R.T. -0.01 min
 Lab File: BN007297.D
 Acq: 21 Aug 2019 19:22

Instrument :
 BNA_N
 ClientSampleId :

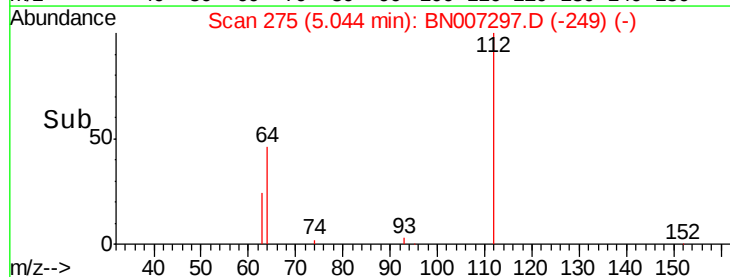
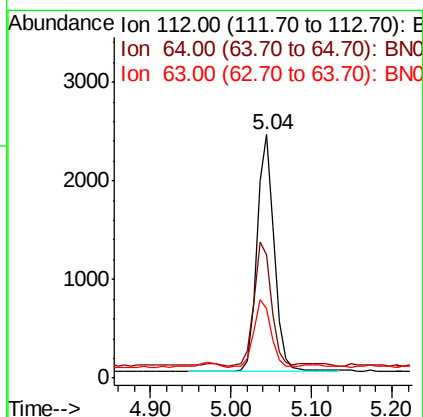
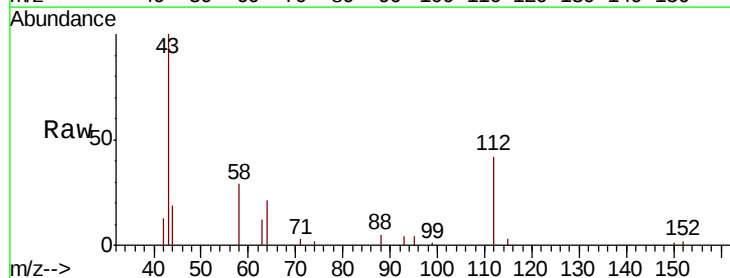
Tot Ion: 42 Resp: 953
 Ion Ratio Lower Upper
 42 100
 74 149.0 109.0 163.4
 44 0.0 4.2 6.2#

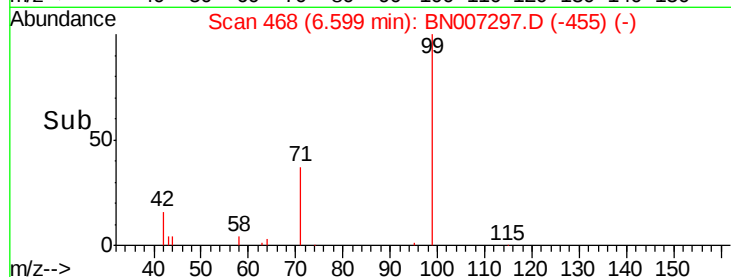
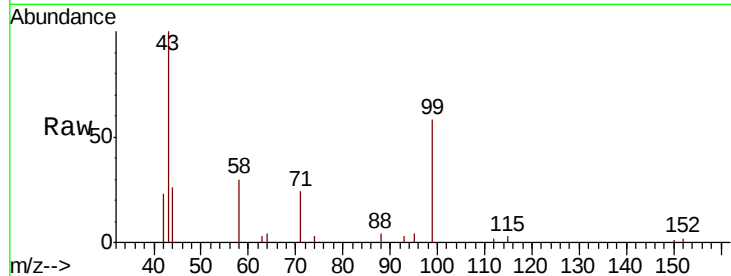
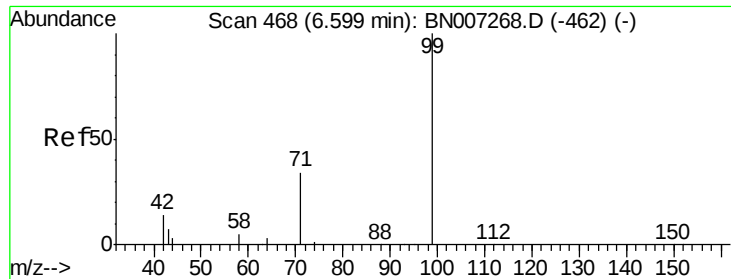


#4

2-Fluorophenol
 Concen: 0.210 ng
 RT: 5.04 min Scan# 275
 Delta R.T. 0.01 min
 Lab File: BN007297.D
 Acq: 21 Aug 2019 19:22

Tgt Ion: 112 Resp: 3602
 Ion Ratio Lower Upper
 112 100
 64 52.5 41.8 62.8
 63 28.2 22.6 34.0





#5

Phenol-d6

Concen: 0.219 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampleId :

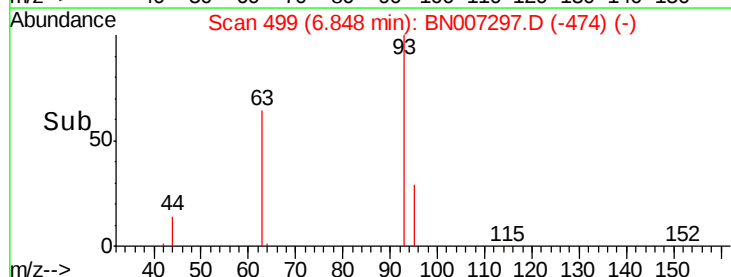
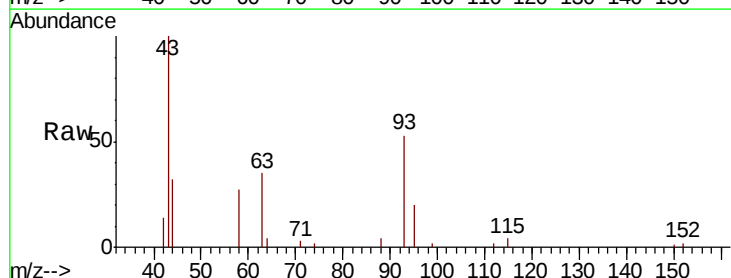
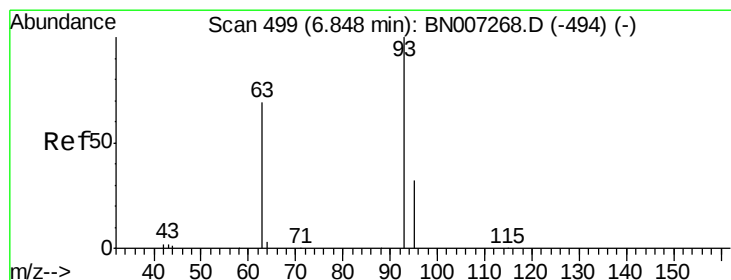
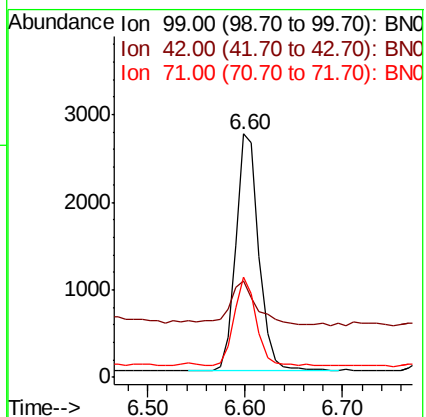
Tot Ion: 99 Resp: 4447

Ion Ratio Lower Upper

99 100

42 21.0 14.3 21.5

71 35.5 27.3 40.9



#6

bis(2-Chloroethyl)ether

Concen: 0.215 ng

RT: 6.85 min Scan# 499

Delta R.T. 0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

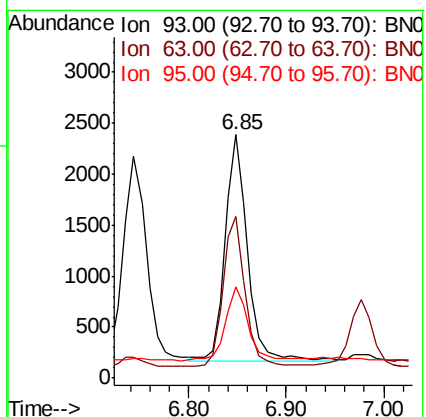
Tgt Ion: 93 Resp: 3584

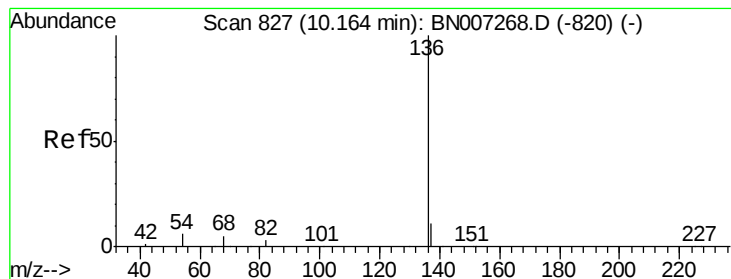
Ion Ratio Lower Upper

93 100

63 65.7 54.4 81.6

95 34.1 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: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 20963

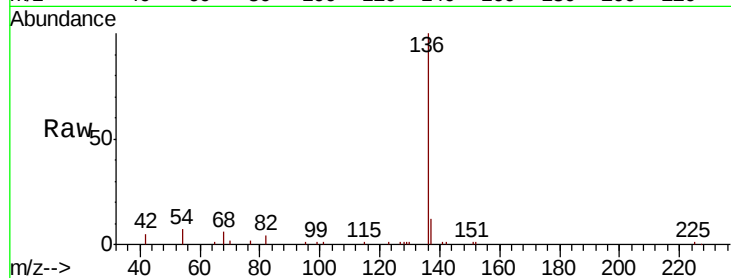
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 6.8 5.9 8.9

68 6.2 5.6 8.4

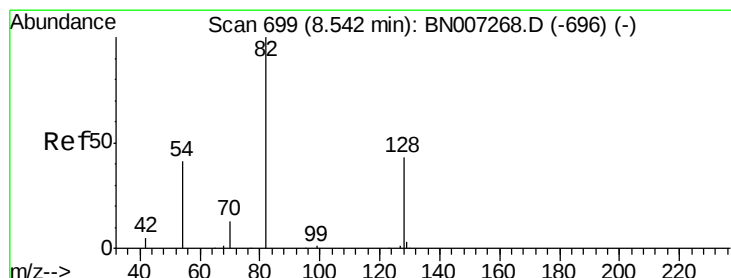
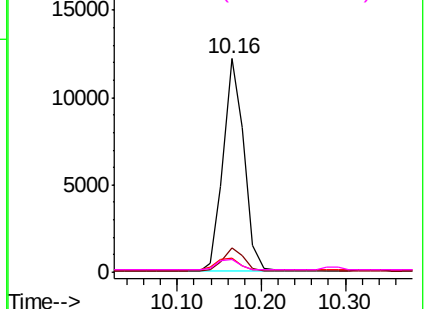
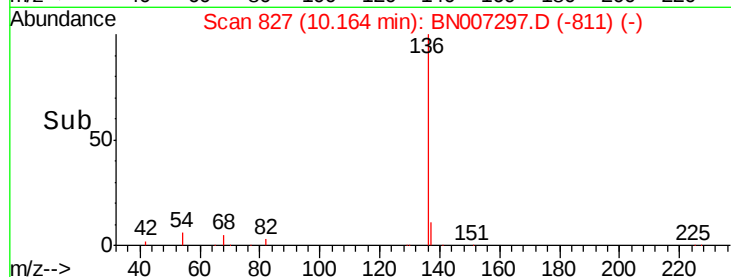


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.197 ng

RT: 8.54 min Scan# 699

Delta R.T. 0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

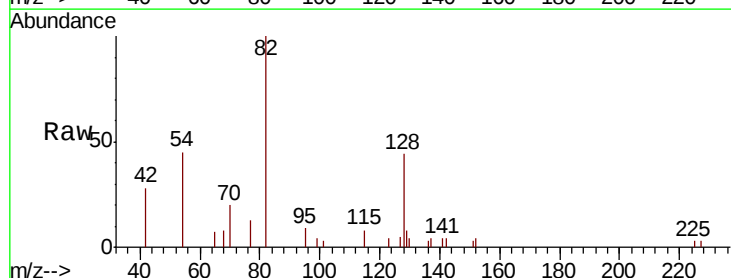
Tgt Ion: 82 Resp: 3169

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.6

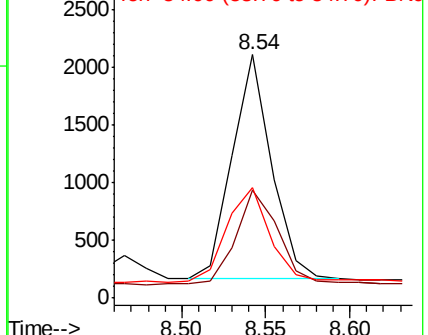
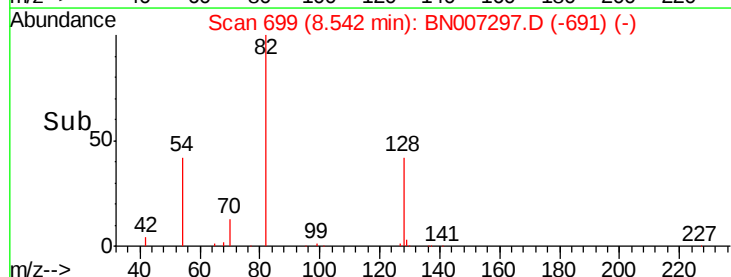
54 45.5 34.7 52.1

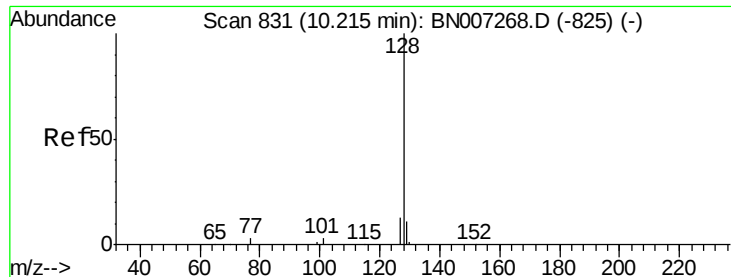


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.254 ng

RT: 10.22 min Scan# 831

Delta R.T. 0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampleId :

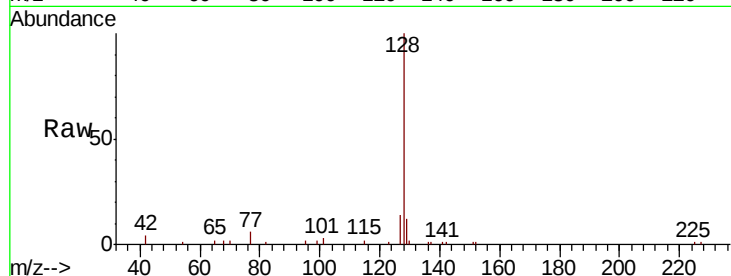
Tot Ion:128 Resp: 15089

Ion Ratio Lower Upper

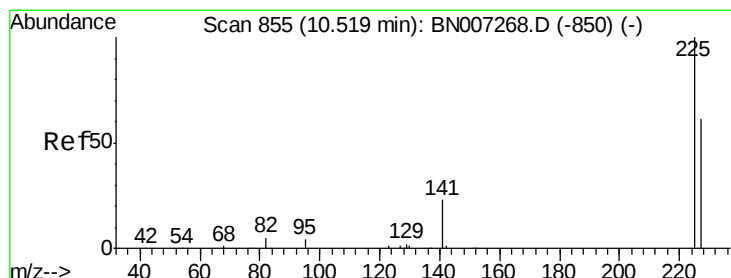
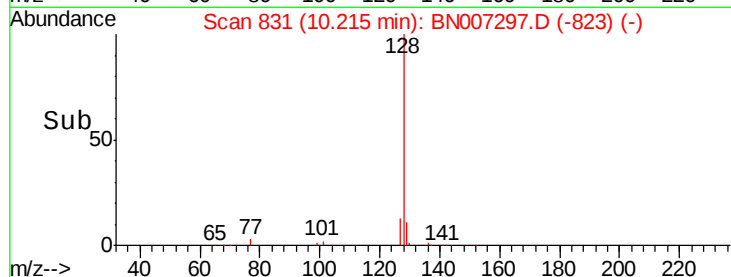
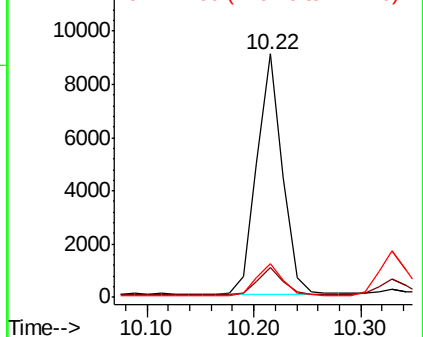
128 100

129 12.2 9.1 13.7

127 13.8 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: 0.180 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

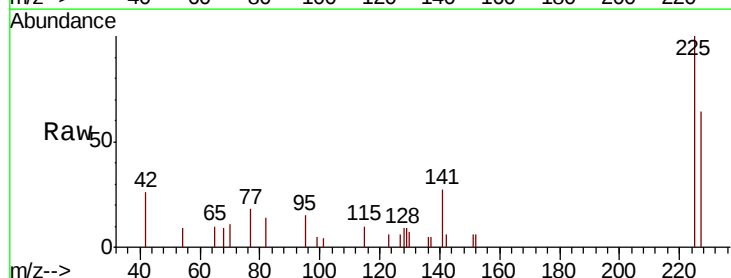
Tgt Ion:225 Resp: 2354

Ion Ratio Lower Upper

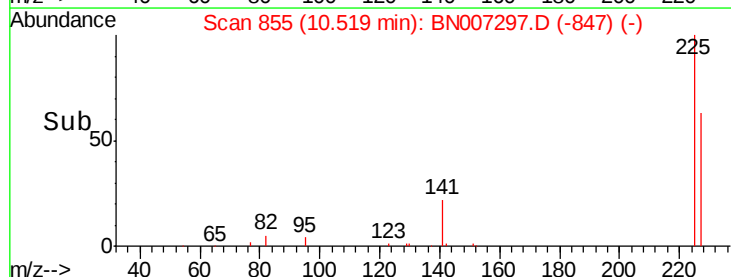
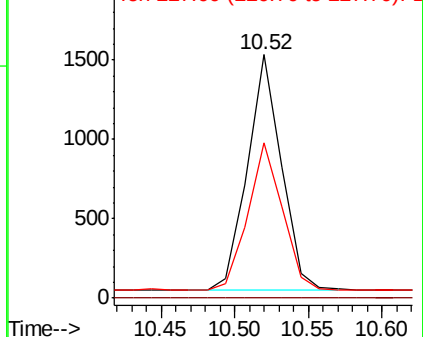
225 100

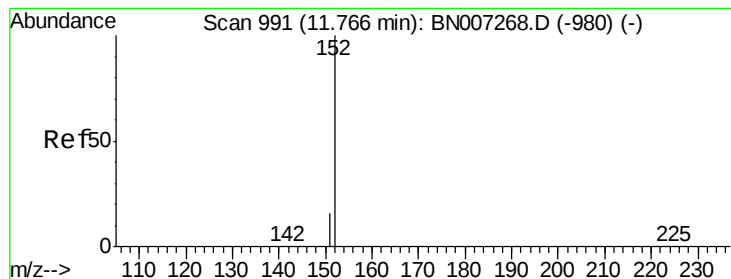
223 0.0 0.0 0.0

227 64.1 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: 0.239 ng

RT: 11.77 min Scan# 991

Delta R.T. 0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

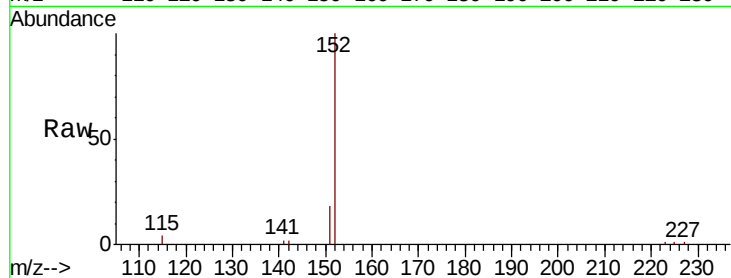
ClientSampleId :

Tot Ion:152 Resp: 8649

Ion Ratio Lower Upper

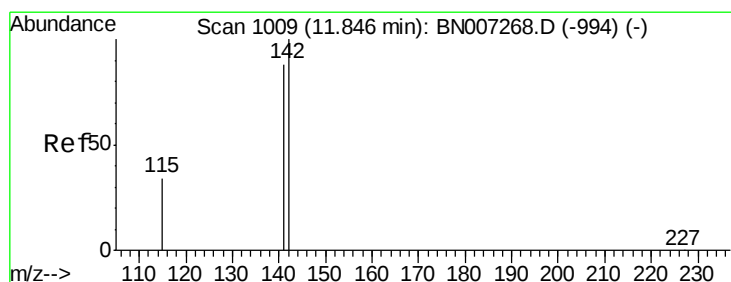
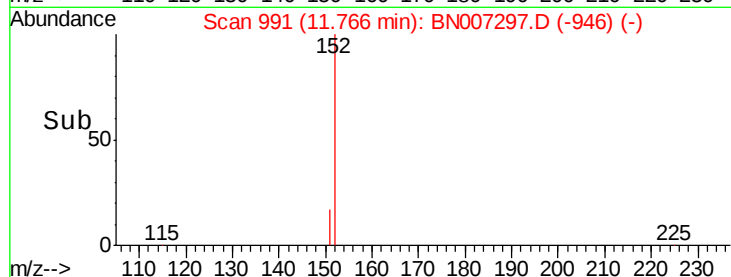
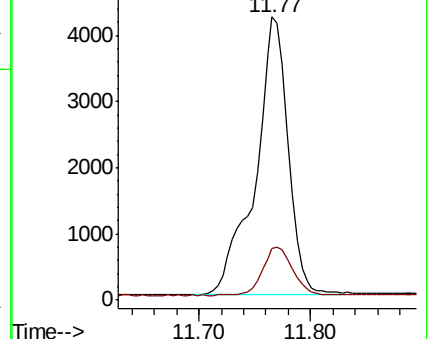
152 100

151 15.8 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.252 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

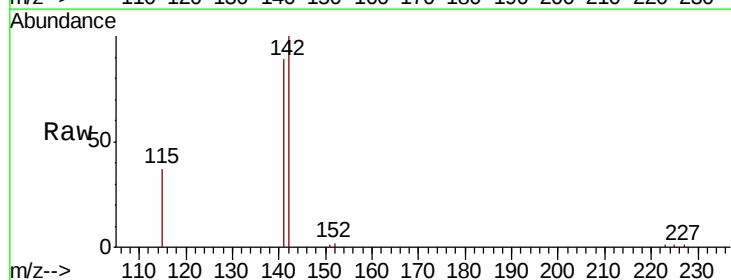
Tgt Ion:142 Resp: 10380

Ion Ratio Lower Upper

142 100

141 89.1 70.7 106.1

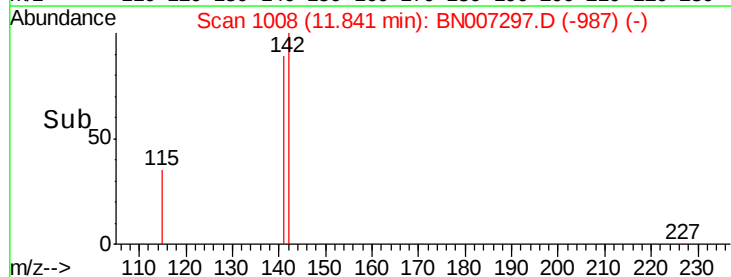
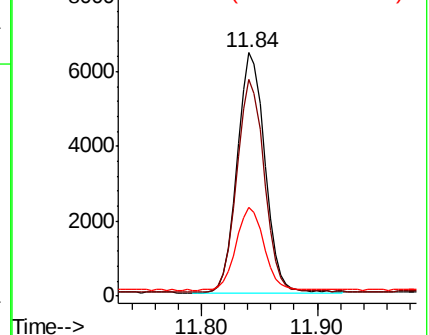
115 36.6 28.1 42.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampleId :

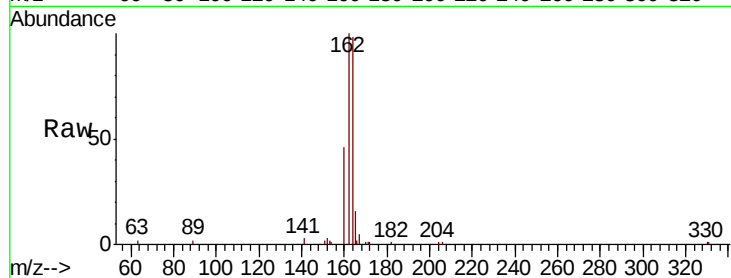
Tot Ion:164 Resp: 11727

Ion Ratio Lower Upper

164 100

162 102.3 82.0 123.0

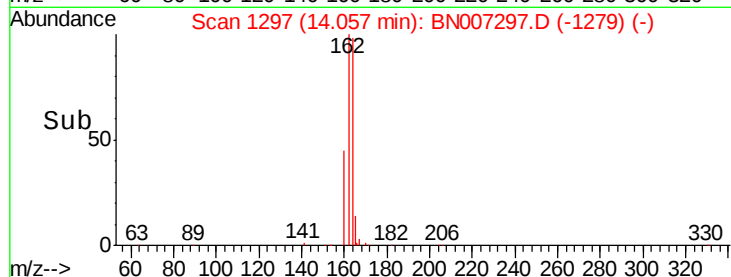
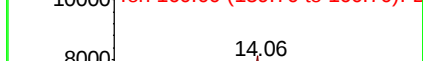
160 46.7 38.2 57.4



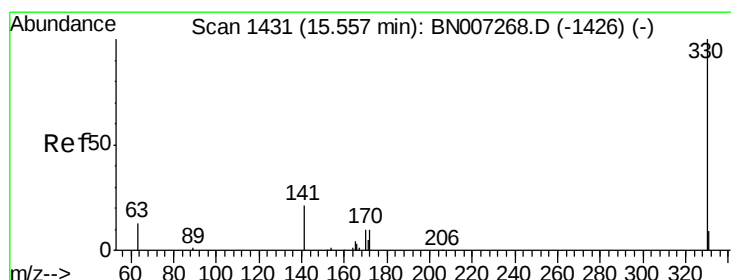
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.207 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

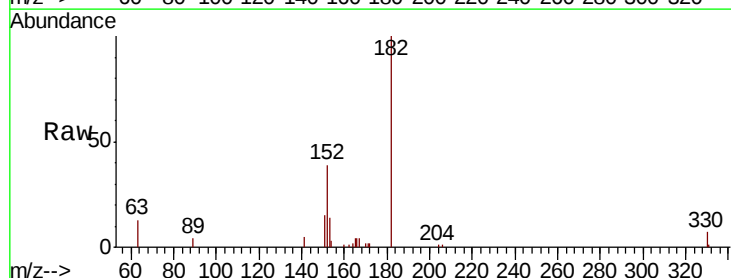
Tgt Ion:330 Resp: 1363

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

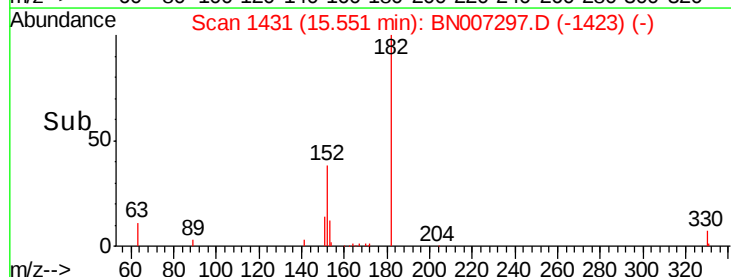
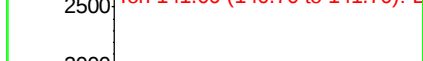
141 64.7 30.3 45.5#



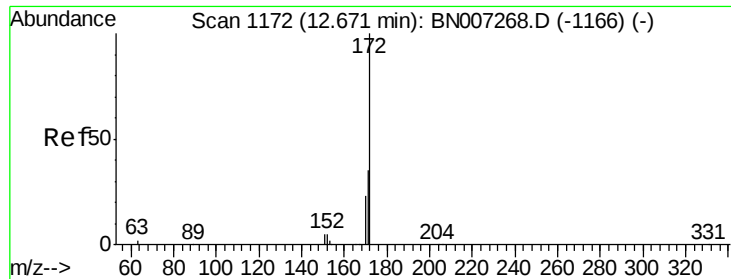
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



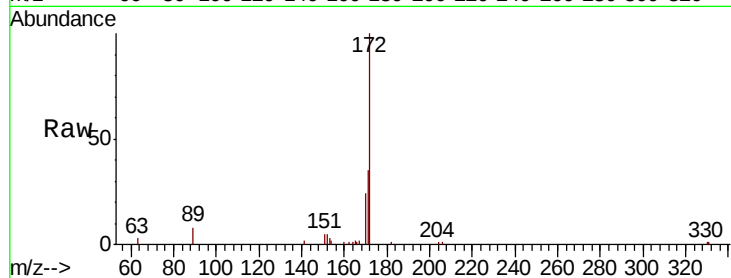
Time-->



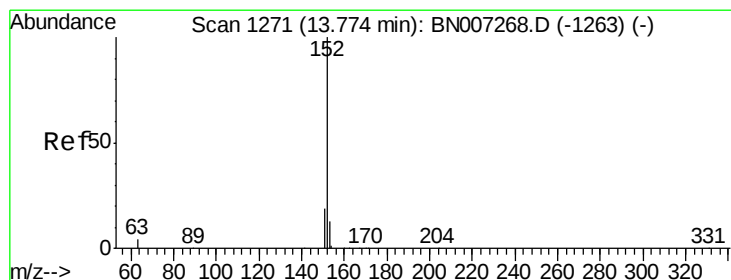
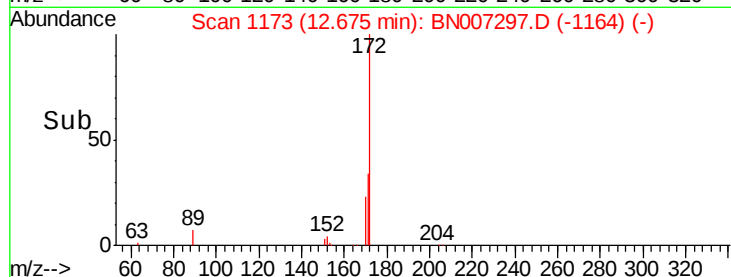
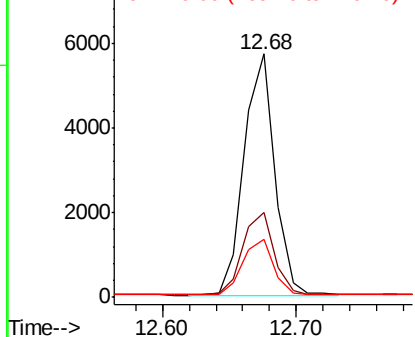
#15
2-Fluorobiphenyl
Concen: 0.180 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007297.D
Acq: 21 Aug 2019 19:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 9076
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.8 18.7 28.1

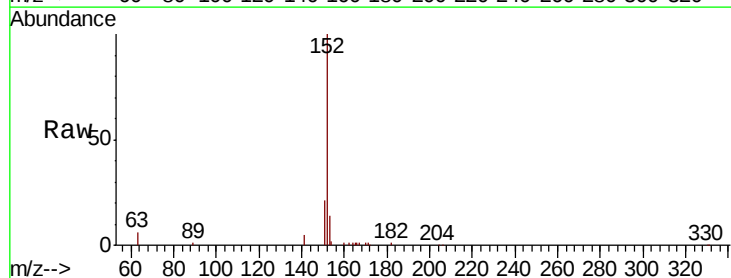


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

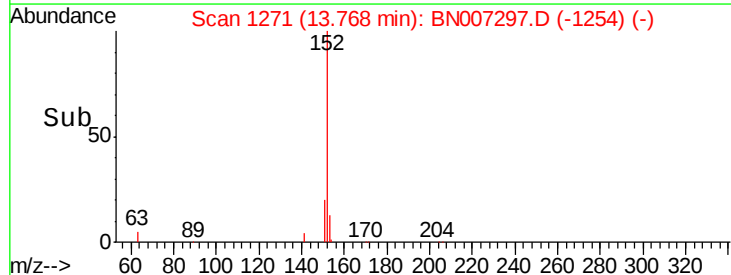
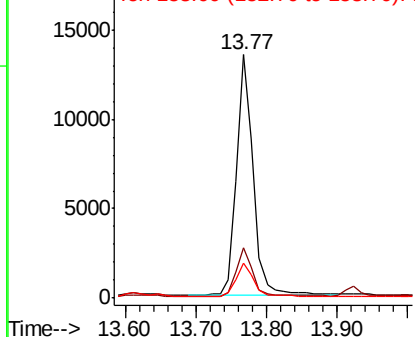


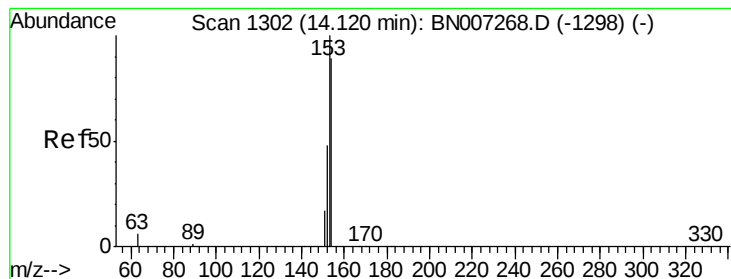
#16
Acenaphthylene
Concen: 0.366 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007297.D
Acq: 21 Aug 2019 19:22

Tgt Ion:152 Resp: 22759
Ion Ratio Lower Upper
152 100
151 20.2 15.4 23.2
153 13.9 10.1 15.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 2.760 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampled :

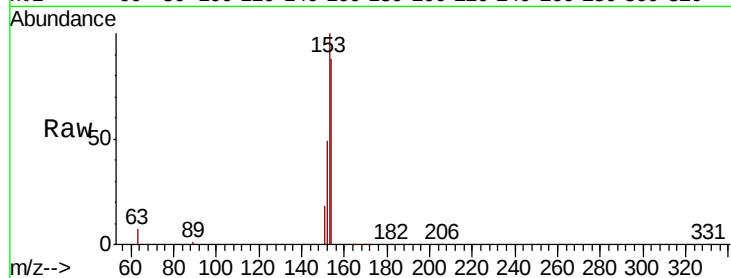
Tot Ion:154 Resp: 109367

Ion Ratio Lower Upper

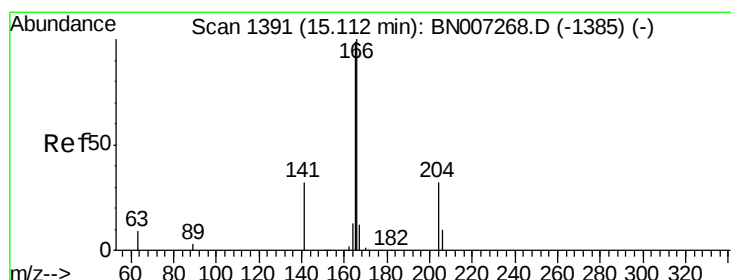
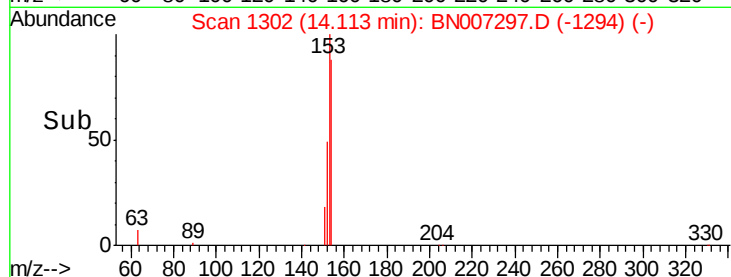
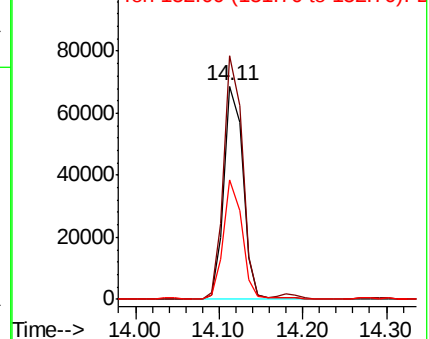
154 100

153 111.7 89.9 134.9

152 54.2 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: 2.201 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

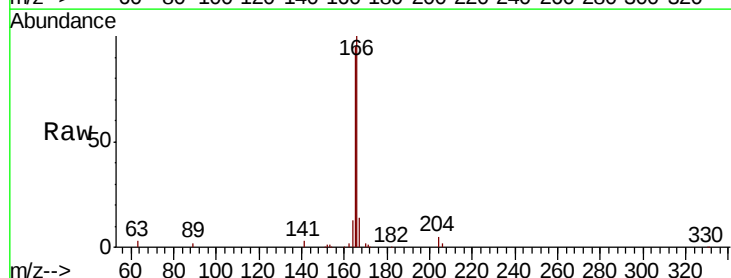
Tgt Ion:166 Resp: 113944

Ion Ratio Lower Upper

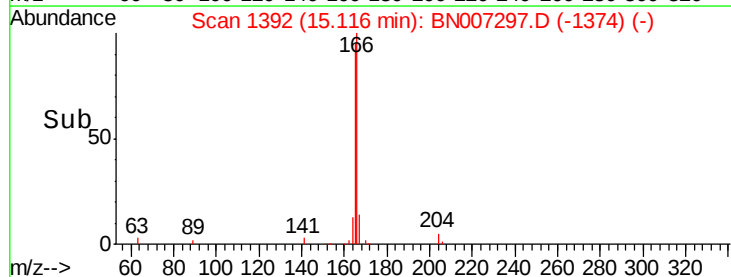
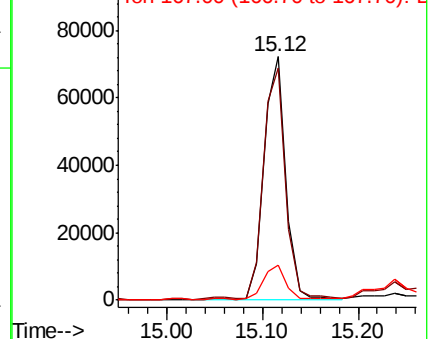
166 100

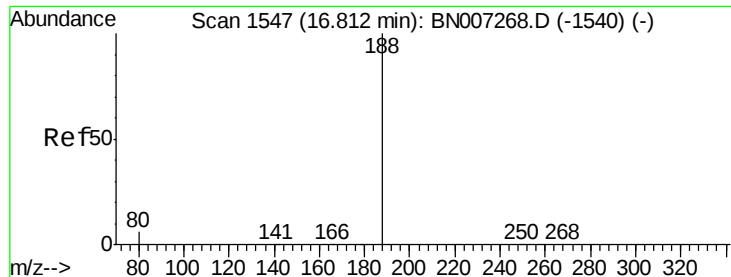
165 97.4 78.3 117.5

167 14.4 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: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampleId :

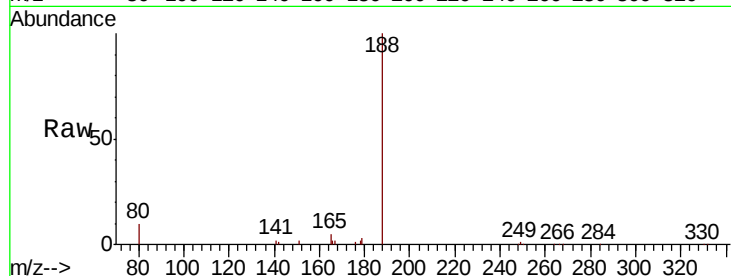
Tot Ion:188 Resp: 28449

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

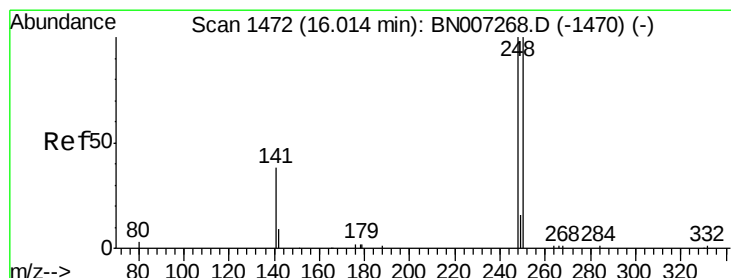
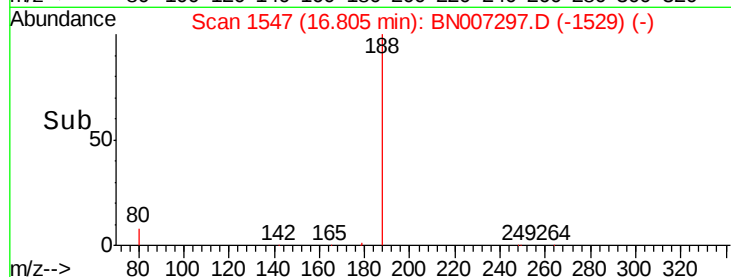
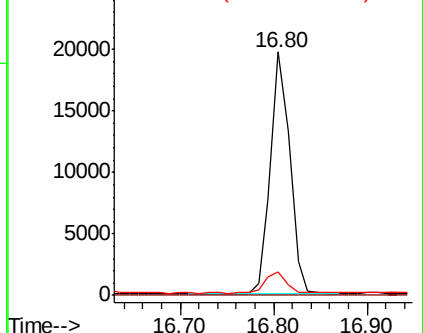
80 9.6 5.2 7.8#



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: 0.204 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

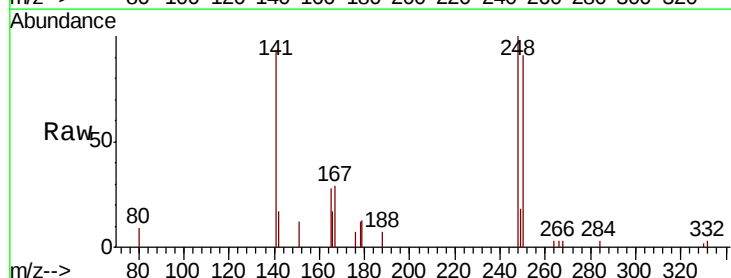
Tgt Ion:248 Resp: 3326

Ion Ratio Lower Upper

248 100

250 91.0 79.6 119.4

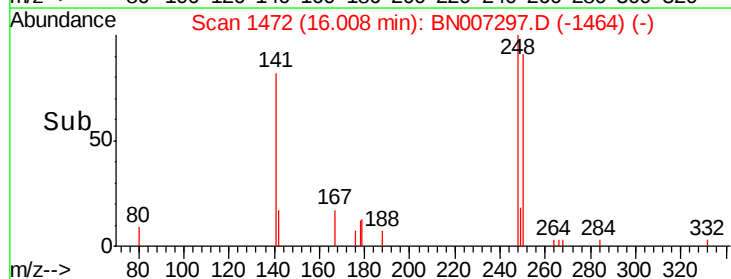
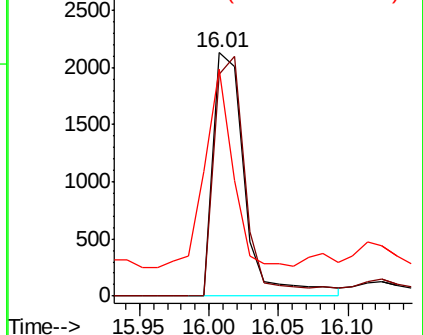
141 93.2 45.1 67.7#



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

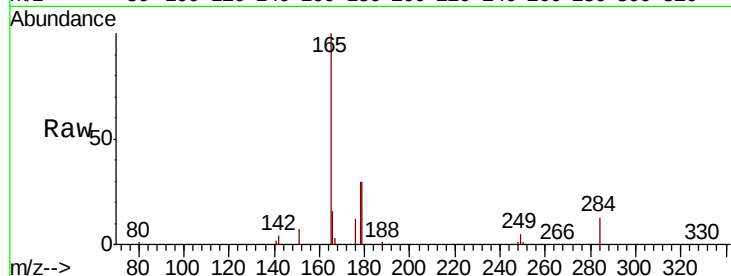




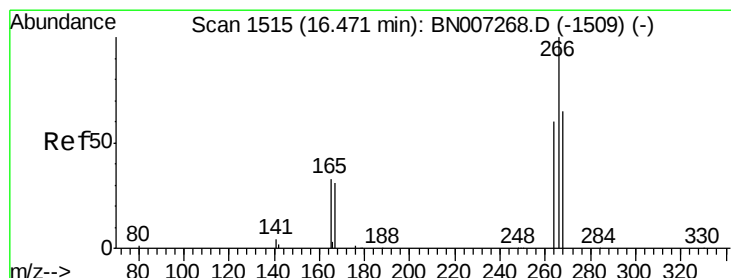
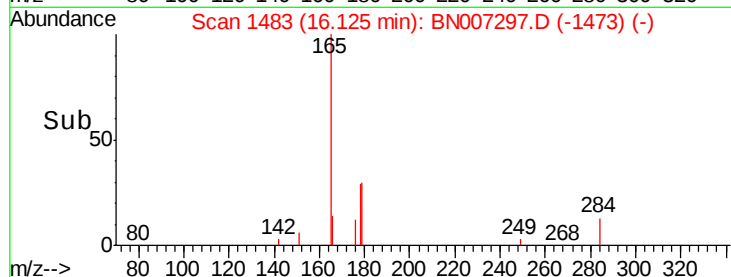
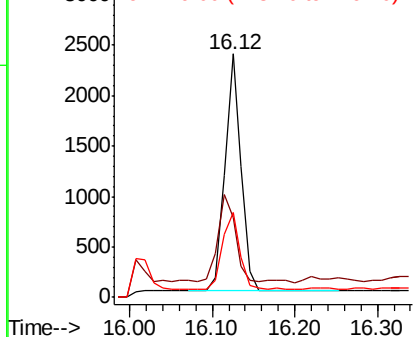
#21
Hexachlorobenzene
Concen: 0.174 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007297.D
Acq: 21 Aug 2019 19:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 3284
Ion Ratio Lower Upper
284 100
142 38.2 29.5 44.3
249 35.0 26.2 39.4

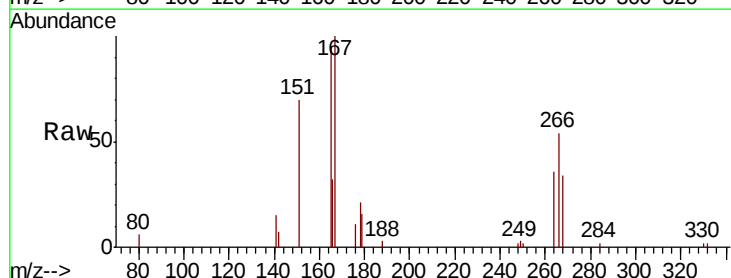


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

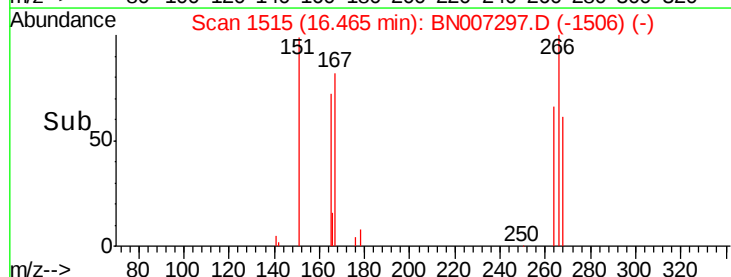
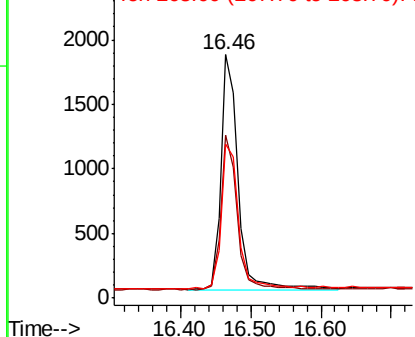


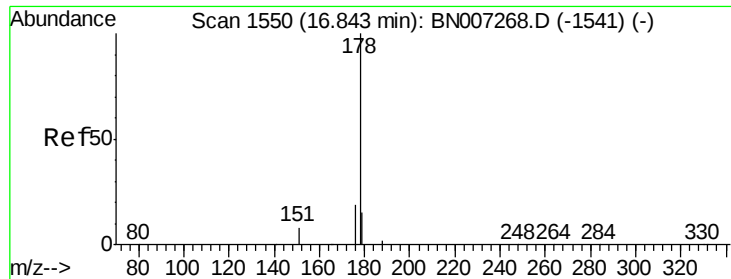
#22
Pentachlorophenol
Concen: 0.414 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007297.D
Acq: 21 Aug 2019 19:22

Tgt Ion:266 Resp: 3132
Ion Ratio Lower Upper
266 100
264 66.8 48.7 73.1
268 63.1 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: 26.585 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampleId :

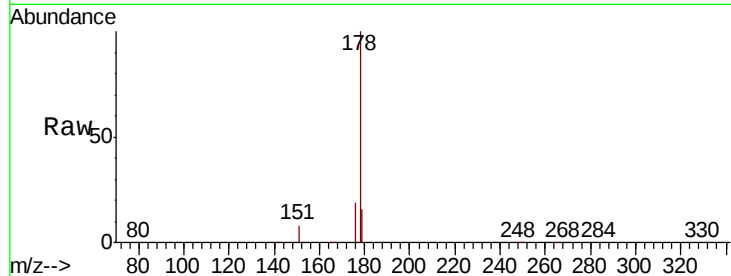
Tot Ion:178 Resp: 2370502

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

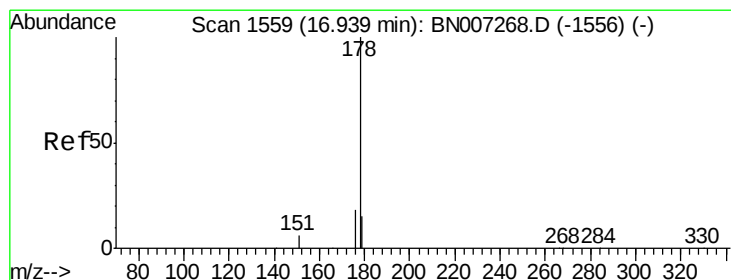
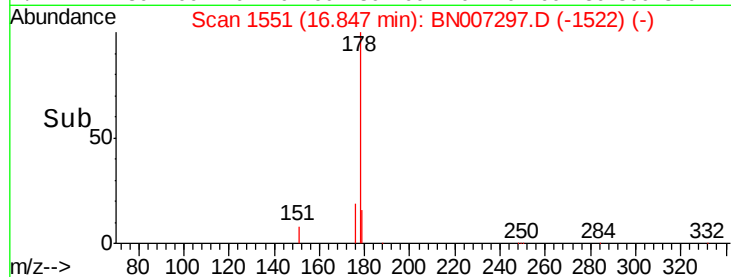
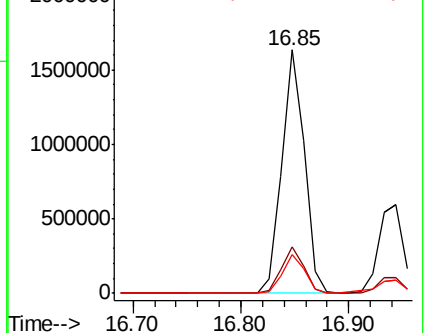
179 15.8 12.3 18.5



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: 11.385 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

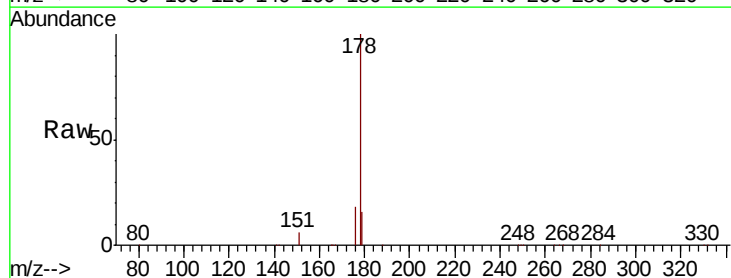
Tgt Ion:178 Resp: 914051

Ion Ratio Lower Upper

178 100

176 18.4 14.3 21.5

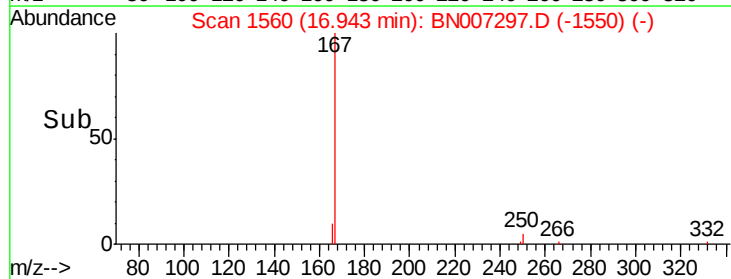
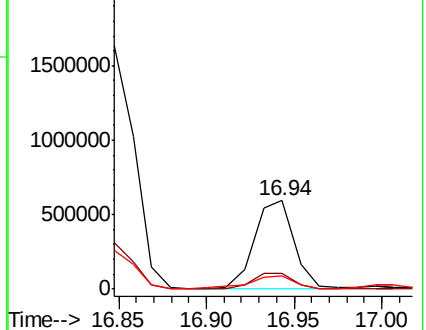
179 16.8 12.3 18.5

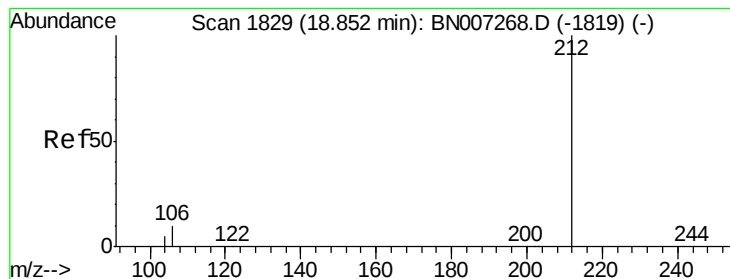


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.191 ng

RT: 18.85 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampleId :

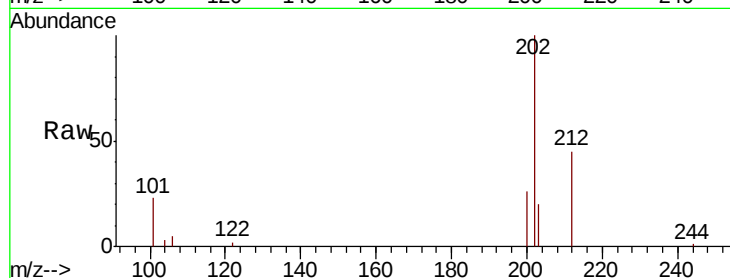
Tot Ion:212 Resp: 17192

Ion Ratio Lower Upper

212 100

106 9.8 8.2 12.4

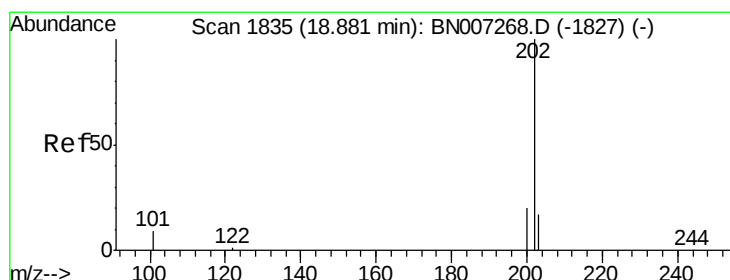
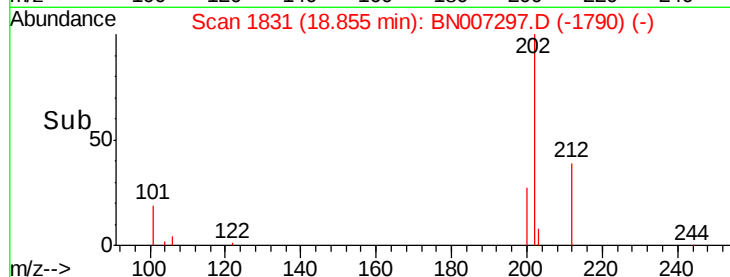
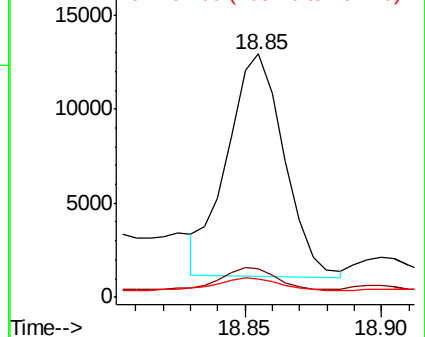
104 7.1 4.7 7.1#



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: 84.630 ng

RT: 18.89 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

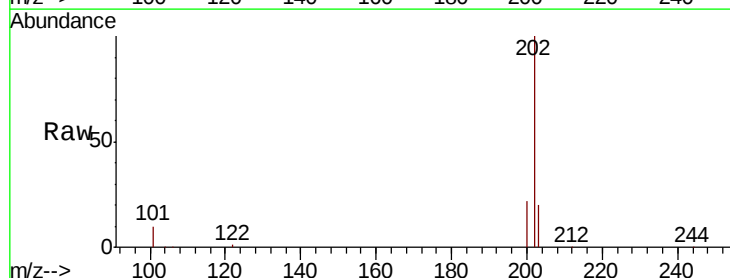
Tgt Ion:202 Resp: 9140425

Ion Ratio Lower Upper

202 100

101 9.8 7.2 10.8

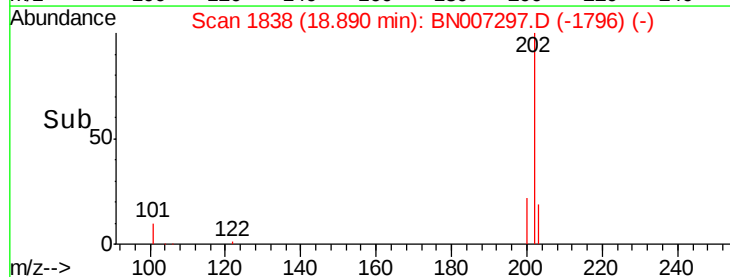
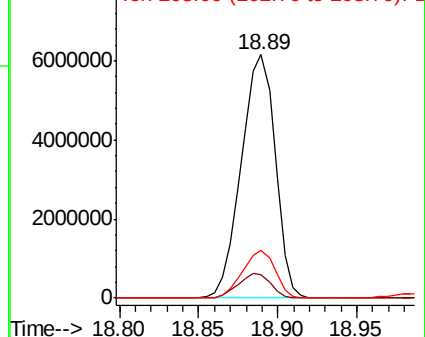
203 18.9 13.8 20.6



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: 21.04 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampleId :

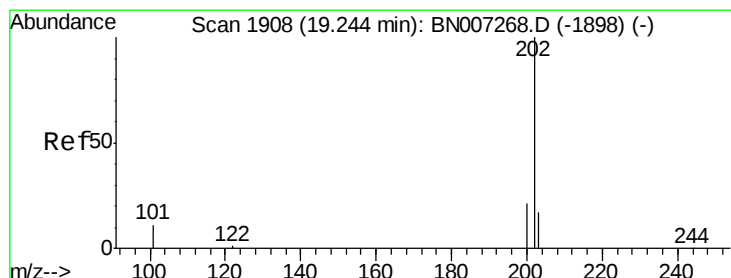
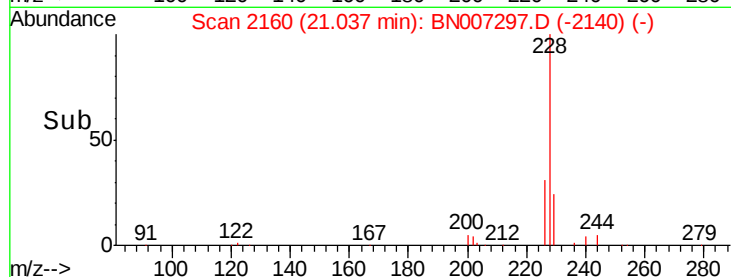
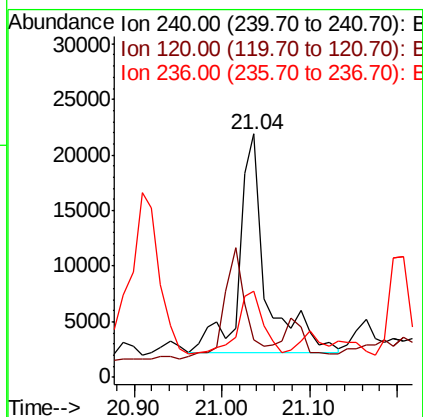
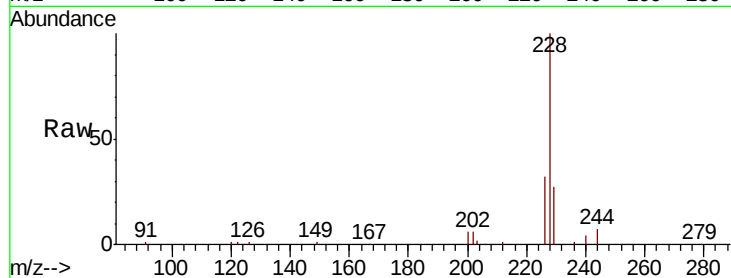
Tot Ion:240 Resp: 41813

Ion Ratio Lower Upper

240 100

120 15.3 5.6 8.4#

236 35.2 21.6 32.4#



#28

Pyrene

Concen: 54.175 ng

RT: 19.25 min Scan# 1911

Delta R.T. 0.01 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

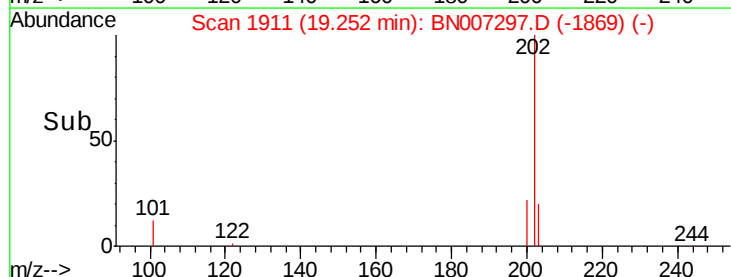
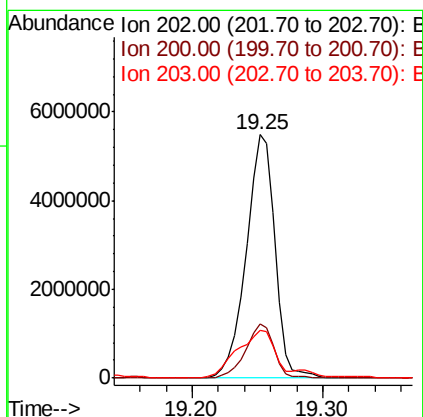
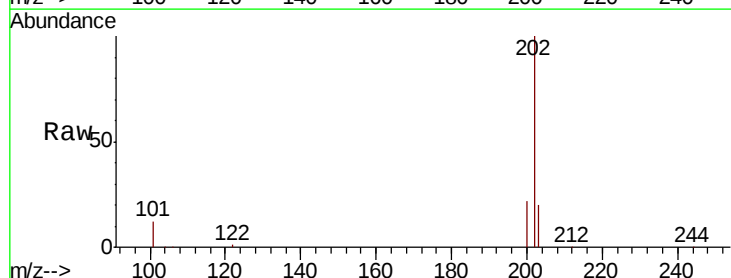
Tgt Ion:202 Resp: 8470762

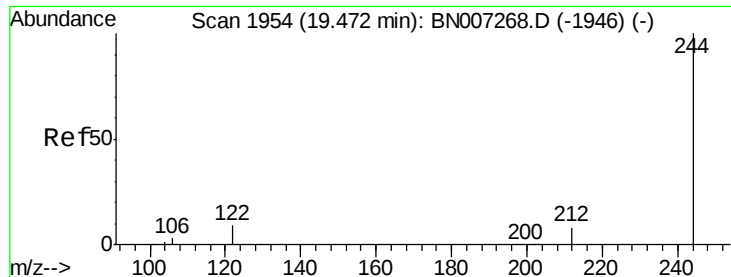
Ion Ratio Lower Upper

202 100

200 21.9 16.7 25.1

203 25.7 13.9 20.9#





#29

Terphenyl-d14

Concen: 0.170 ng

RT: 19.47 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampleId :

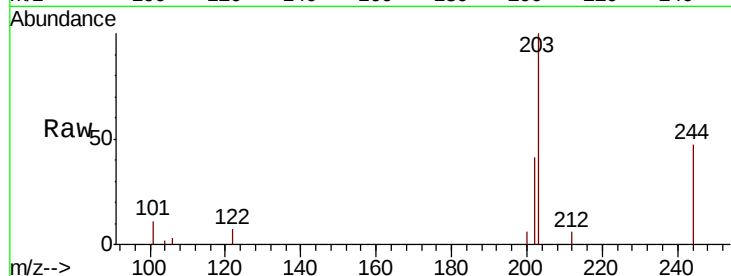
Tot Ion:244 Resp: 17762

Ion Ratio Lower Upper

244 100

212 12.1 6.5 9.7#

122 15.5 7.9 11.9#

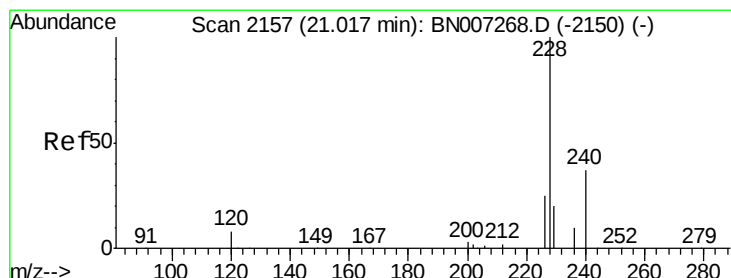
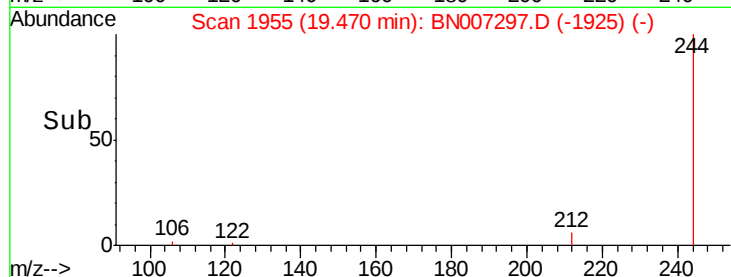
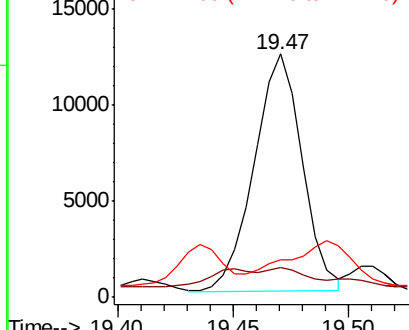


Abundance

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: 38.694 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

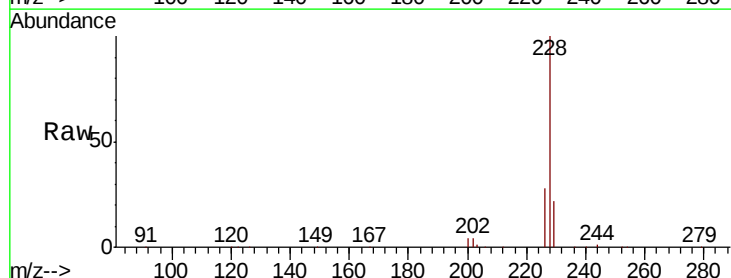
Tgt Ion:228 Resp: 6016065

Ion Ratio Lower Upper

228 100

226 28.4 20.6 30.8

229 22.3 16.9 25.3

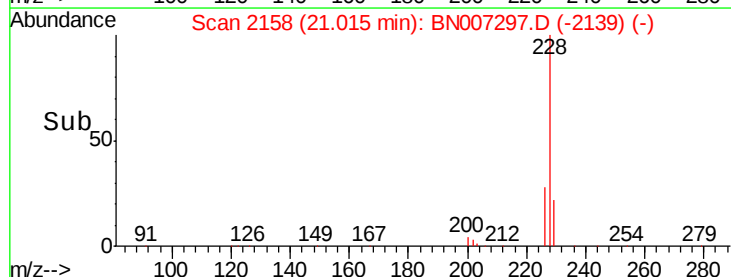
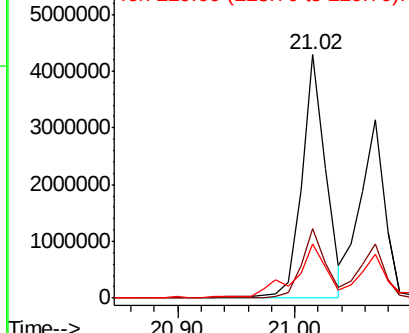


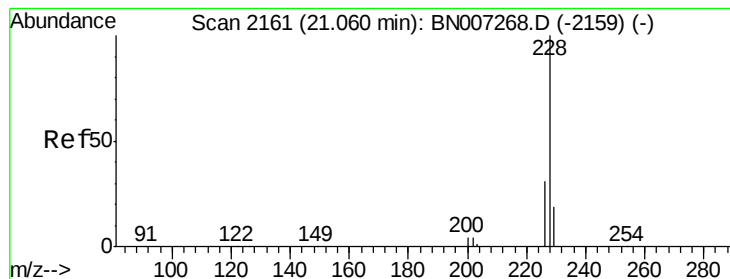
Abundance

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

Chrvsene

Concen: 32.582 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.04 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

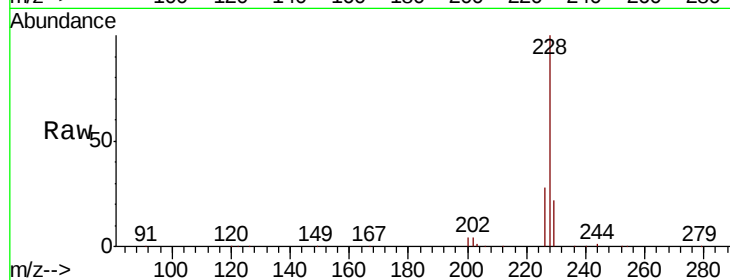
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 5169686

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.6	36.8
229	22.3	15.6	23.4

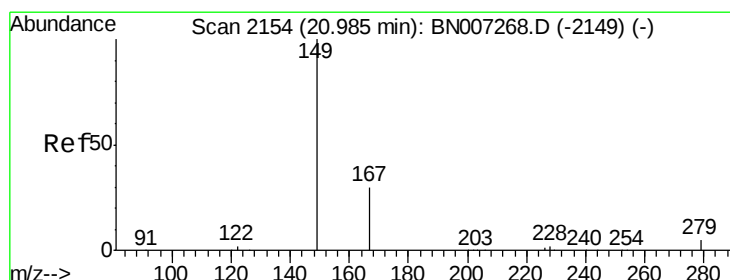
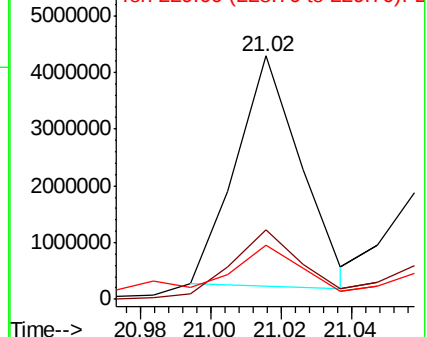
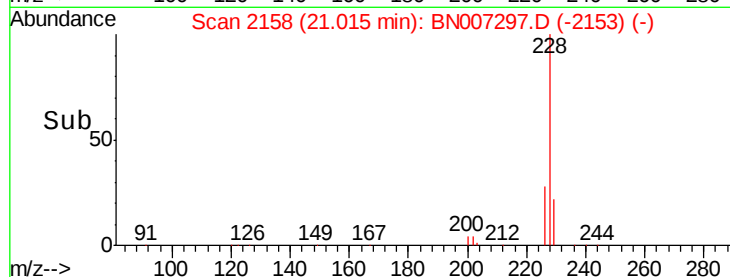


Abundance

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: 0.751 ng

RT: 20.98 min Scan# 2155

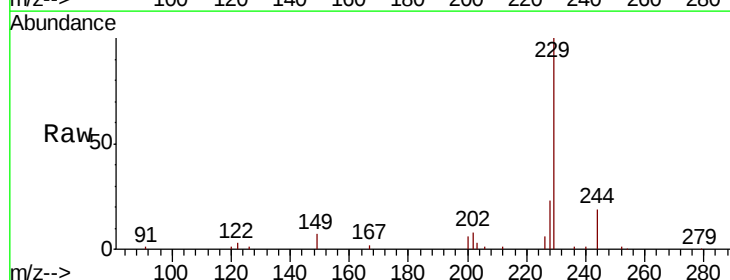
Delta R.T. -0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Tgt Ion:149 Resp: 46640

Ion	Ratio	Lower	Upper
149	100		
167	16.4	23.8	35.6#
279	2.4	3.8	5.8#

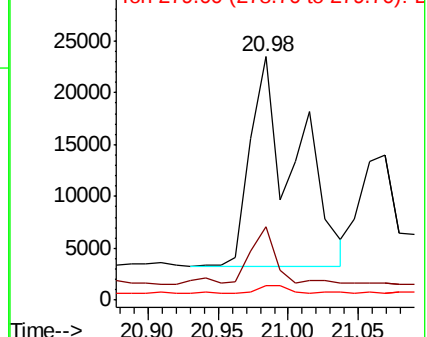
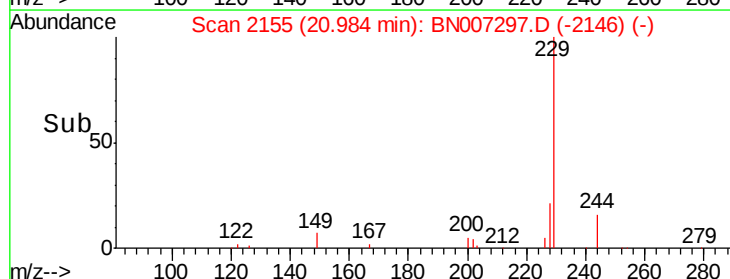


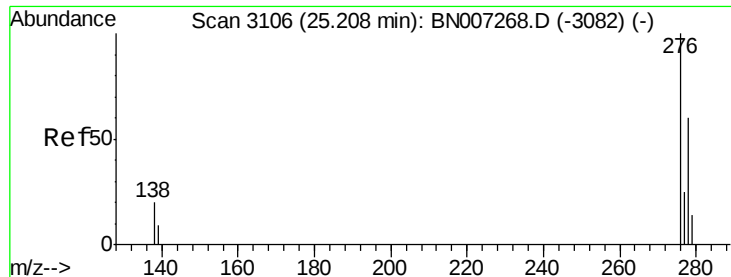
Abundance

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

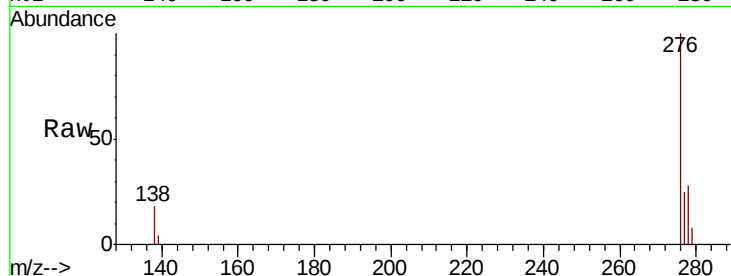




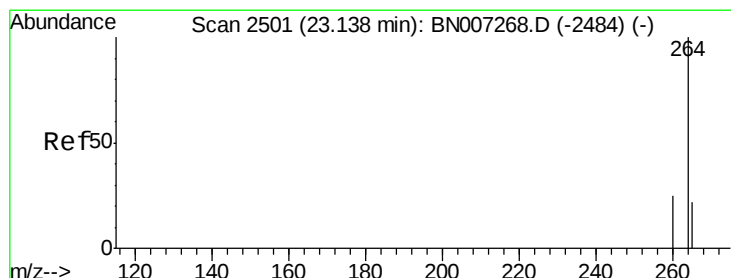
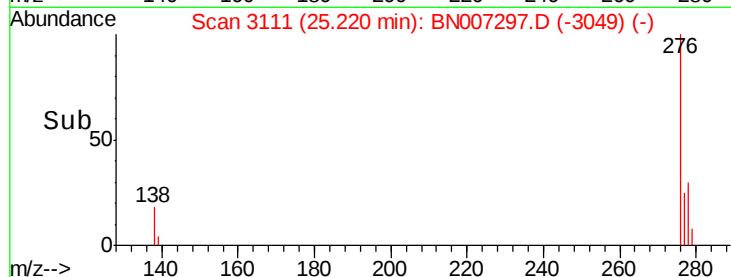
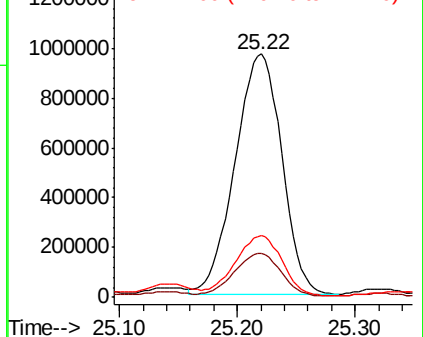
#33
Indeno(1,2,3-cd)pyrene
Concen: 13.967 ng
RT: 25.22 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BN007297.D
Acq: 21 Aug 2019 19:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 2666644
Ion Ratio Lower Upper
276 100
138 17.9 17.1 25.7
277 24.8 20.1 30.1

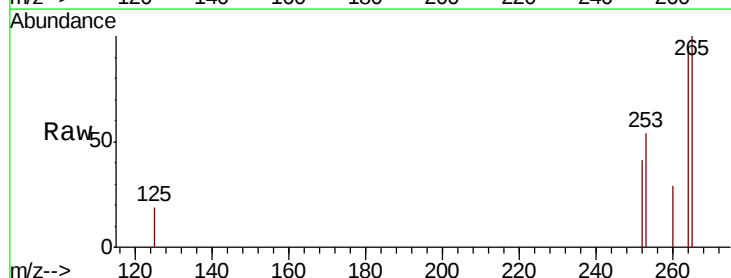


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

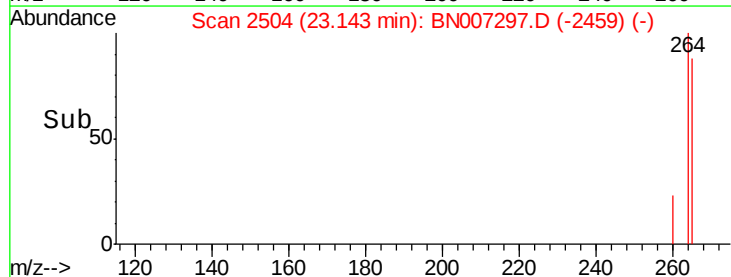
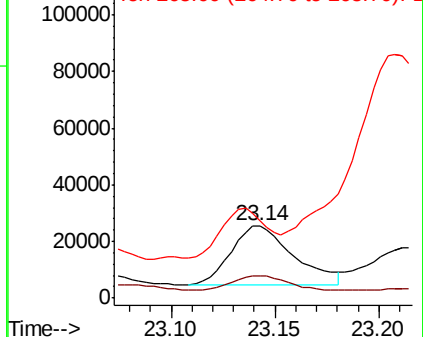


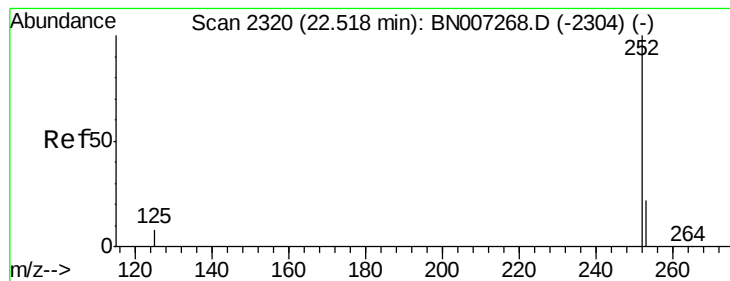
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BN007297.D
Acq: 21 Aug 2019 19:22

Tgt Ion:264 Resp: 43810
Ion Ratio Lower Upper
264 100
260 30.6 20.1 30.1#
265 106.2 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: 38.535 ng

RT: 22.53 min Scan# 2325

Delta R.T. 0.01 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampleId :

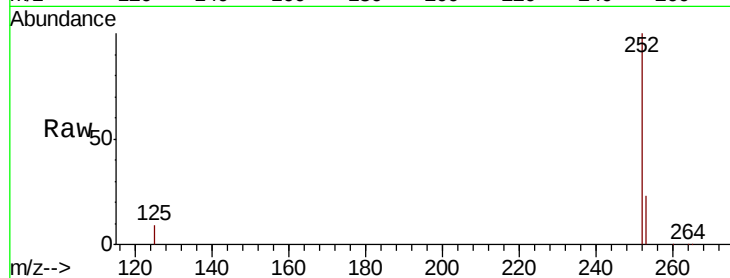
Tot Ion:252 Resp: 6293785

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

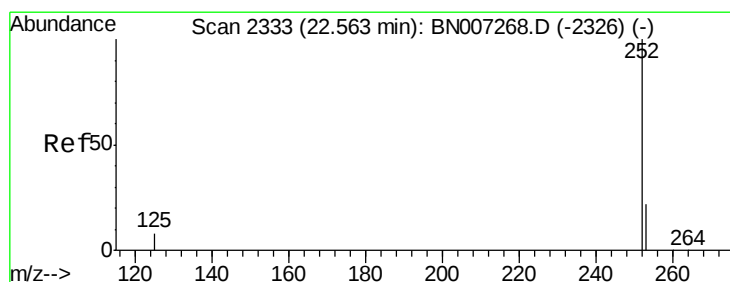
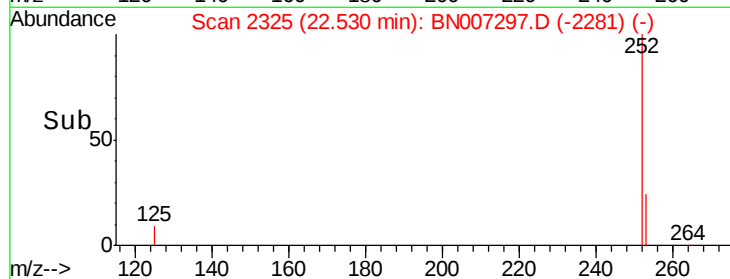
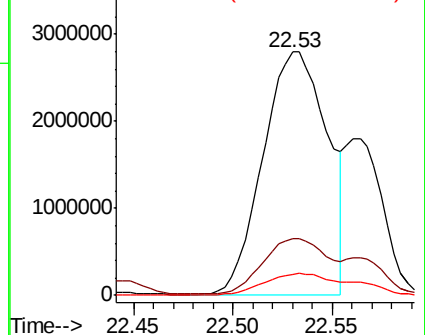
125 8.8 7.8 11.6



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: 39.335 ng

RT: 22.53 min Scan# 2325

Delta R.T. -0.03 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

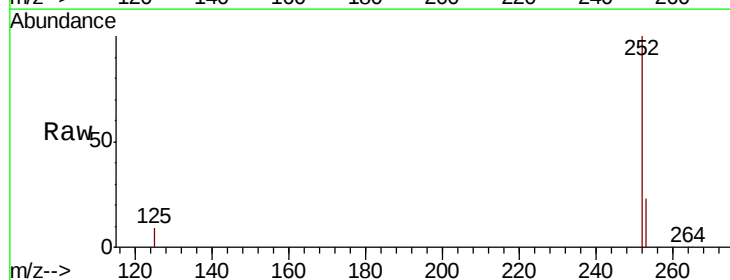
Tgt Ion:252 Resp: 6293785

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

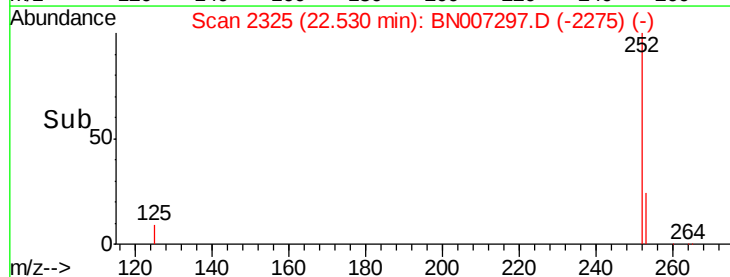
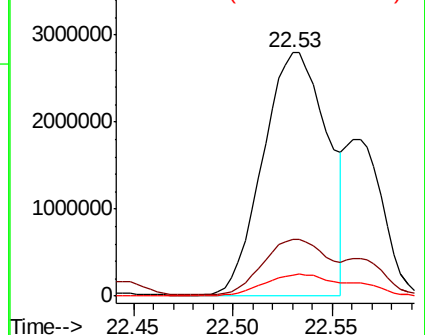
125 8.8 8.0 12.0



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: 31.921 ng

RT: 23.06 min Scan# 2479

Delta R.T. 0.01 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampleId :

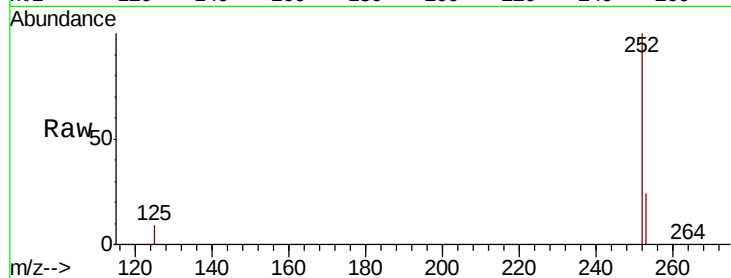
Tot Ion:252 Resp: 4698613

Ion Ratio Lower Upper

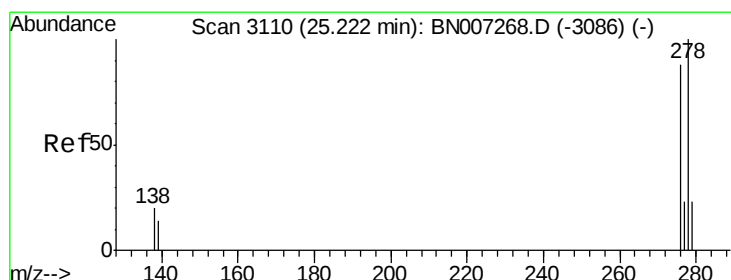
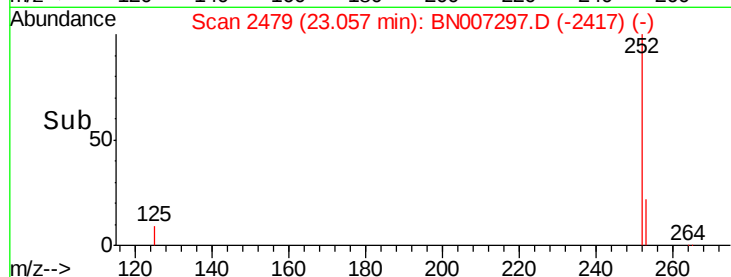
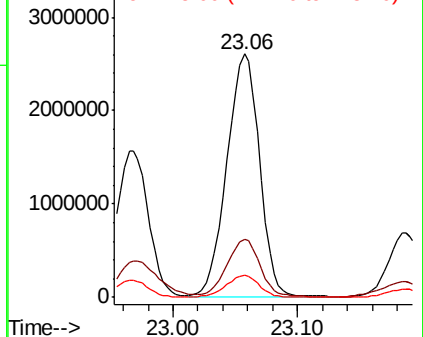
252 100

253 23.9 18.7 28.1

125 8.9 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: 5.363 ng

RT: 25.22 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

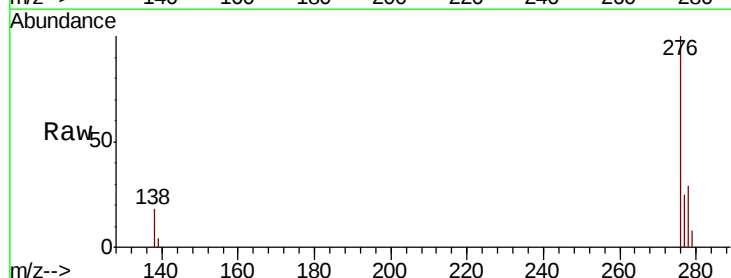
Tgt Ion:278 Resp: 829285

Ion Ratio Lower Upper

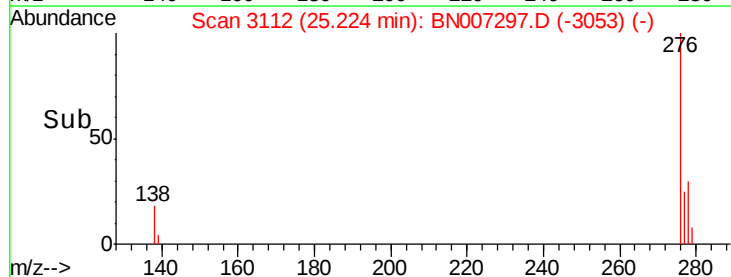
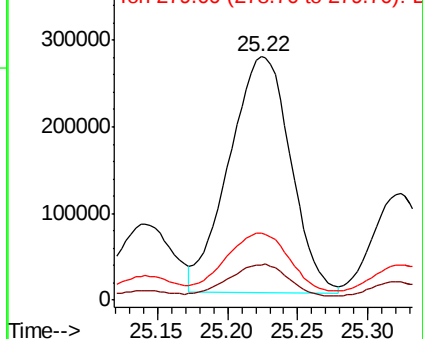
278 100

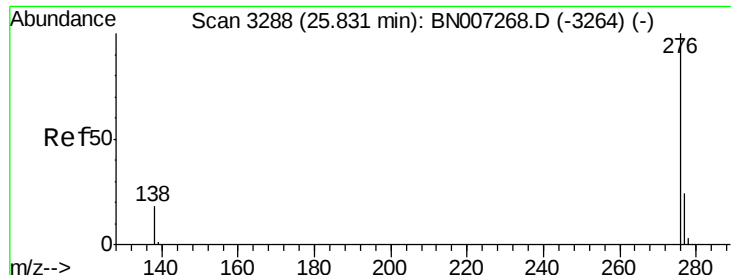
139 14.5 11.8 17.8

279 27.5 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: 15.088 ng

RT: 25.85 min Scan# 3295

Delta R.T. 0.02 min

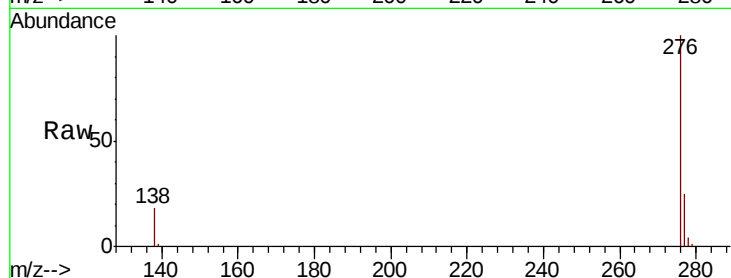
Lab File: BN007297.D

Acq: 21 Aug 2019 19:22

Instrument :

BNA_N

ClientSampleId :



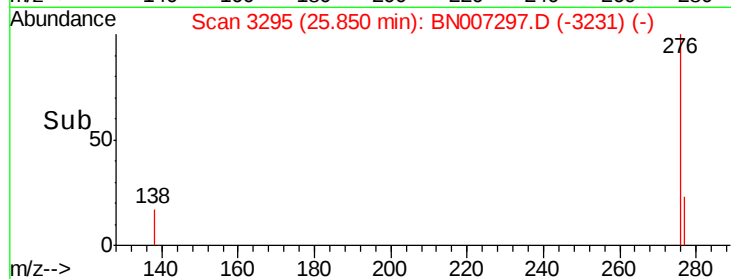
Tot Ion: 276 Resp: 2358392

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 18.0 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

