

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004860.D
 Acq On : 21 Mar 2019 21:10
 Operator : JU/SJ
 Sample : K1817-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-028-B011-030619MSD

Quant Time: Mar 22 02:02:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1680	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	7575	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	4885	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	13208	0.40	ng	0.00
27) Chrysene-d12	21.29	240	18621	0.40	ng	0.00
34) Perylene-d12	23.54	264	20277	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	1792	0.39	ng	0.00
5) Phenol-d6	6.87	99	2339	0.41	ng	0.00
8) Nitrobenzene-d5	8.86	82	1622	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	4641	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1086	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	7208	0.36	ng	-0.01
25) Fluoranthene-d10	19.13	212	14783	0.33	ng	0.00
29) Terphenyl-d14	19.72	244	11338	0.30	ng	0.00

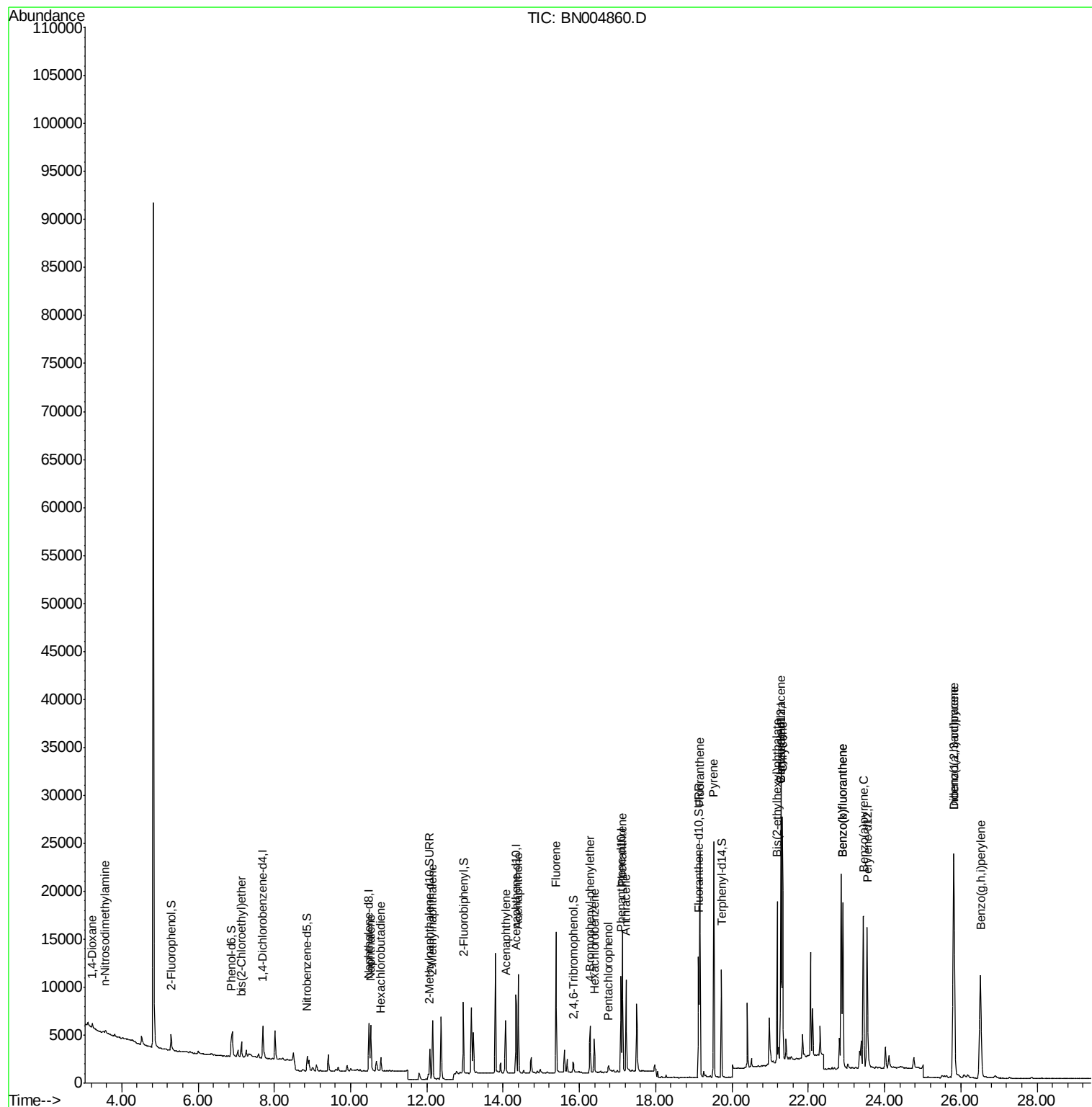
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	413	0.216	ng	# 66
3) n-Nitrosodimethylamine	3.57	42	287	0.254	ng	# 93
6) bis(2-Chloroethyl)ether	7.14	93	1518	0.296	ng	99
9) Naphthalene	10.53	128	6422	0.302	ng	99
10) Hexachlorobutadiene	10.80	225	1132	0.279	ng	# 100
12) 2-Methylnaphthalene	12.15	142	4785	0.303	ng	99
16) Acenaphthylene	14.07	152	7214	0.287	ng	100
17) Acenaphthene	14.40	154	4881	0.296	ng	100
18) Fluorene	15.39	166	6767	0.294	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	2401	0.278	ng	93
21) Hexachlorobenzene	16.39	284	2686	0.272	ng	97
22) Pentachlorophenol	16.76	266	614	0.318	ng	98
23) Phenanthrene	17.13	178	14576	0.342	ng	99
24) Anthracene	17.23	178	11170	0.293	ng	100
26) Fluoranthene	19.16	202	21713	0.396	ng	99
28) Pyrene	19.52	202	22670	0.399	ng	99
30) Benzo(a)anthracene	21.27	228	21803	0.357	ng	97
31) Chrysene	21.32	228	21656	0.337	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	13772	0.564	ng	99
33) Indeno(1,2,3-cd)pyrene	25.81	276	27614	0.297	ng	99
35) Benzo(b)fluoranthene	22.91	252	23115	0.315	ng	98
36) Benzo(k)fluoranthene	22.91	252	23115	0.320	ng	99
37) Benzo(a)pyrene	23.45	252	23117	0.344	ng	98
38) Dibenzo(a,h)anthracene	25.82	278	21309	0.273	ng	98
39) Benzo(g,h,i)perylene	26.52	276	23515	0.296	ng	99

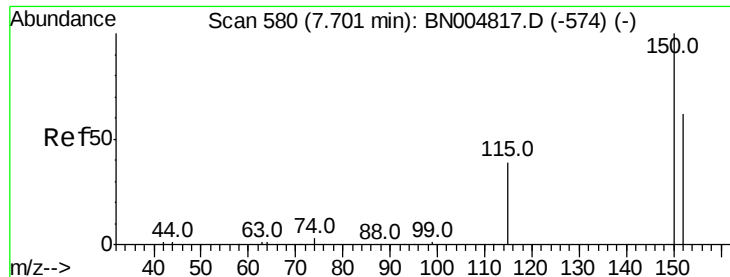
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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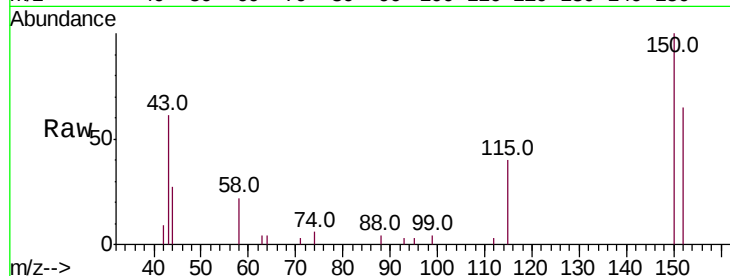


#1

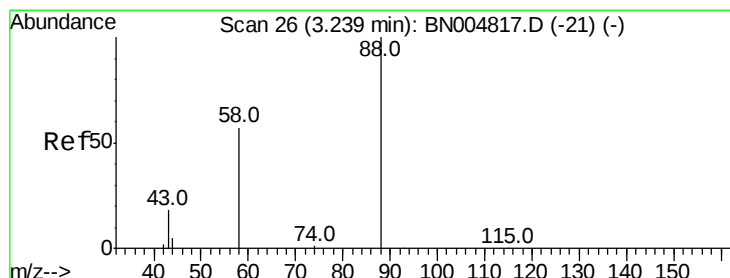
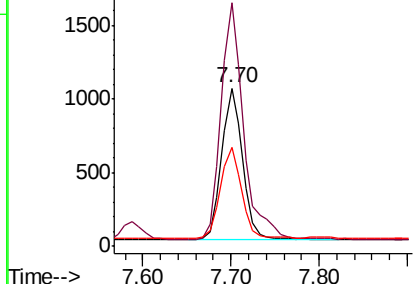
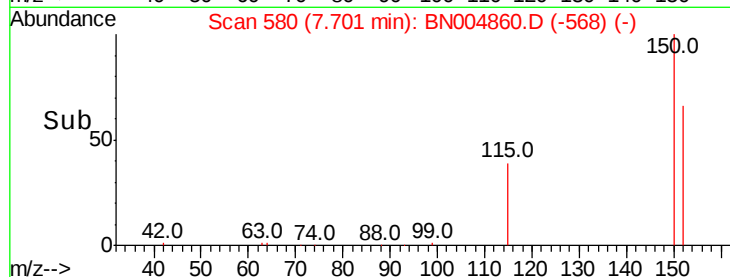
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004860.D
Acq: 21 Mar 2019 21:10

Instrument :
BNA_N
ClientSampleId :
PST-028-B011-030619MSD

Tot Ion:152 Resp: 1680
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.4
115 62.2 52.6 79.0



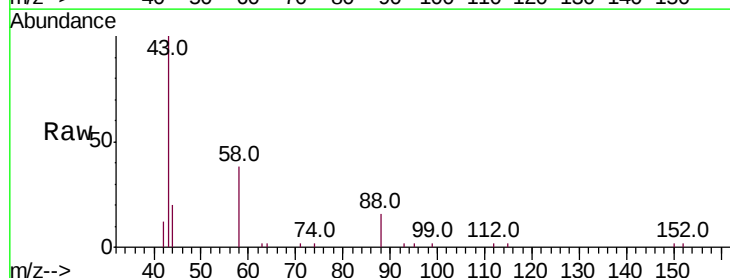
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



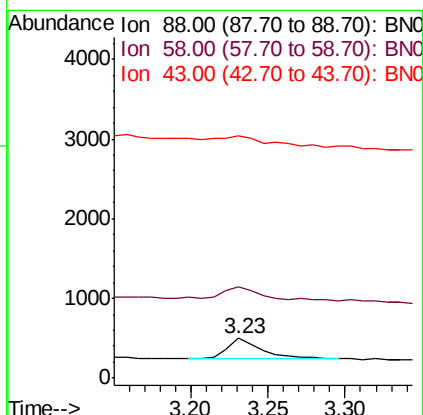
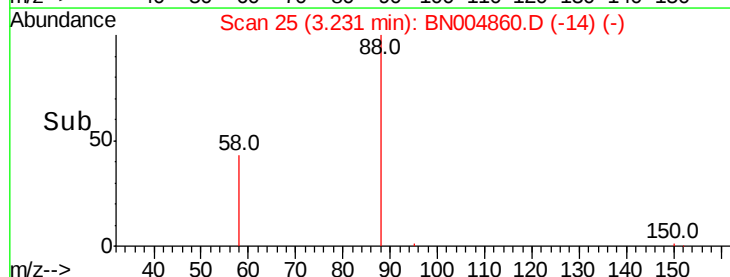
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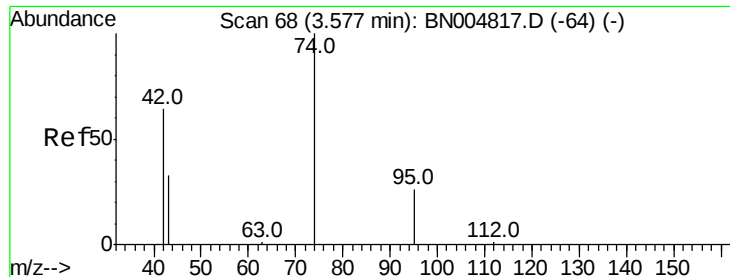
1,4-Dioxane
Concen: 0.216 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN004860.D
Acq: 21 Mar 2019 21:10

Tgt Ion: 88 Resp: 413
Ion Ratio Lower Upper
88 100
58 86.0 51.4 77.2#
43 0.0 20.0 30.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.254 ng

RT: 3.57 min Scan# 67

Delta R.T. -0.01 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MSD

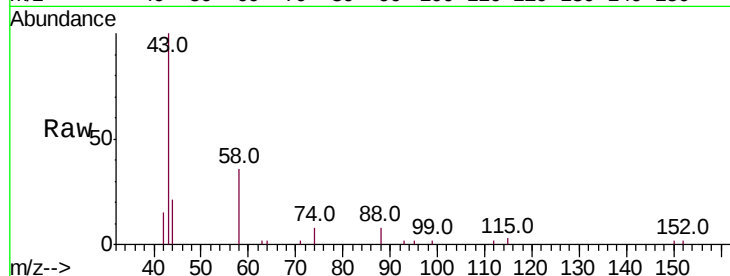
Tot Ion: 42 Resp: 287

Ion Ratio Lower Upper

42 100

74 169.7 128.4 192.6

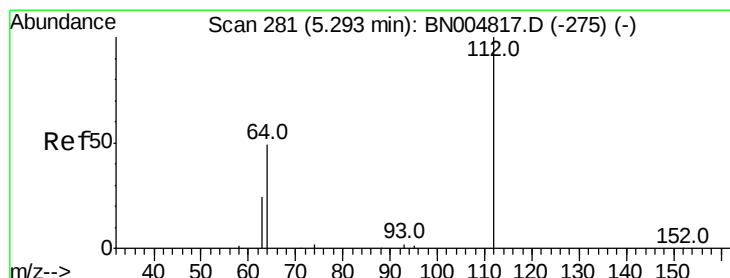
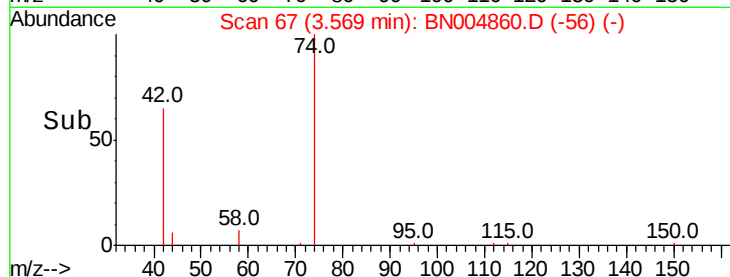
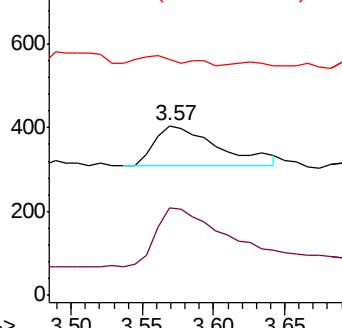
44 10.1 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.392 ng

RT: 5.30 min Scan# 282

Delta R.T. 0.01 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

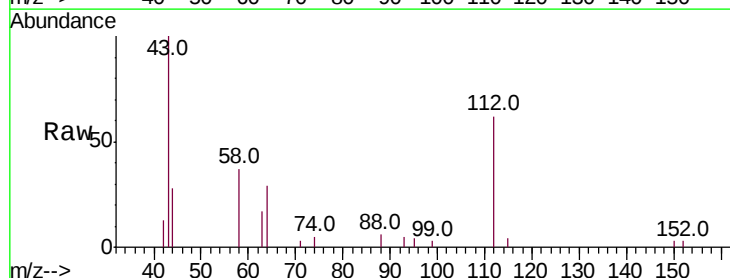
Tgt Ion: 112 Resp: 1792

Ion Ratio Lower Upper

112 100

64 50.8 40.0 60.0

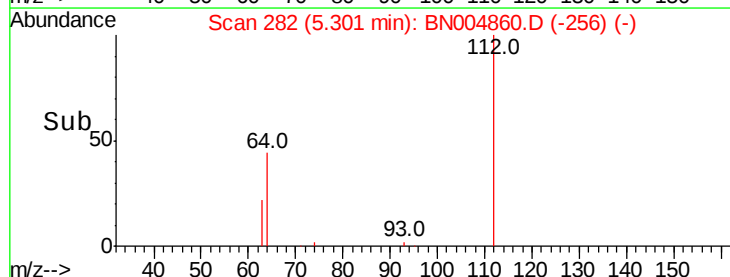
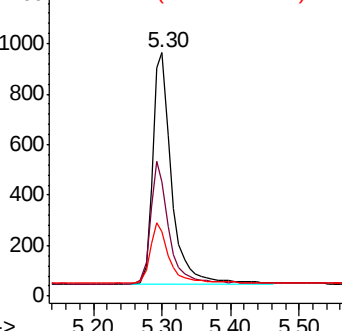
63 26.1 20.2 30.2

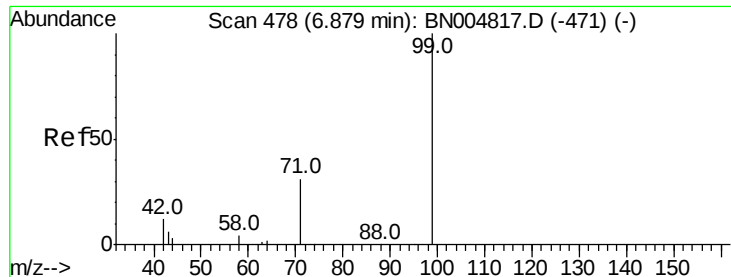


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.411 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MSD

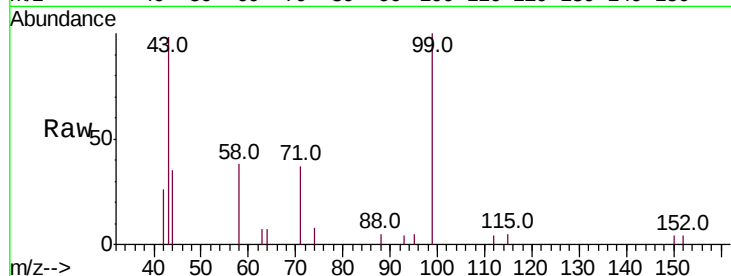
Tot Ion: 99 Resp: 2339

Ion Ratio Lower Upper

99 100

42 19.7 12.7 19.1#

71 32.5 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)

1500

1000

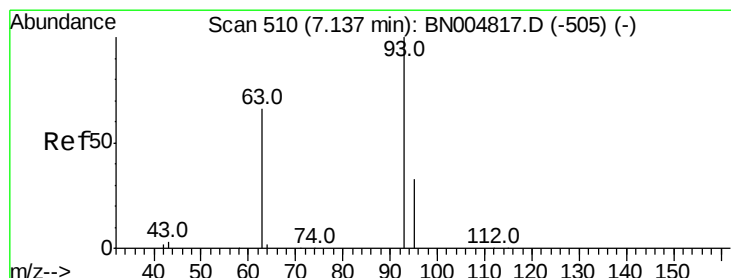
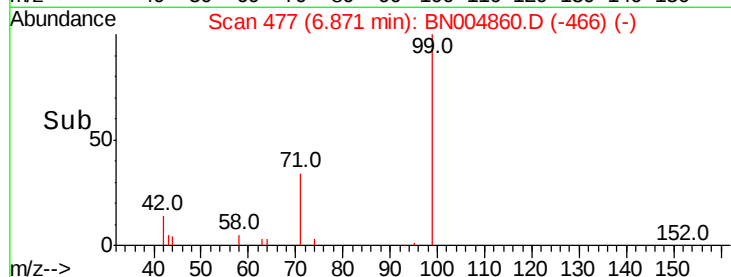
500

0

6.87

6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.296 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

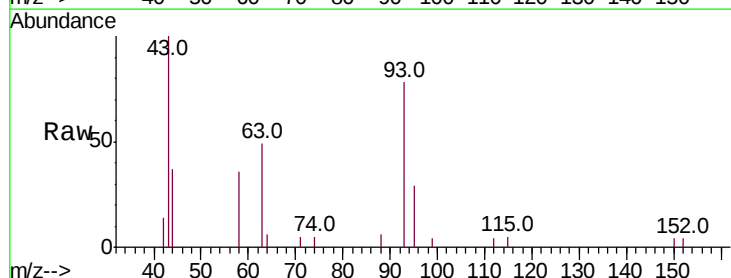
Tgt Ion: 93 Resp: 1518

Ion Ratio Lower Upper

93 100

63 64.8 52.6 78.8

95 32.3 25.9 38.9



Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-505) (-)

1200

1000

800

600

400

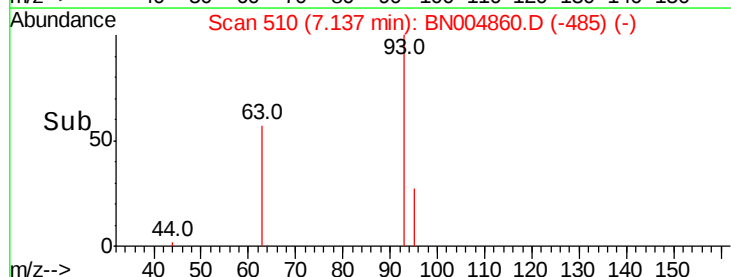
200

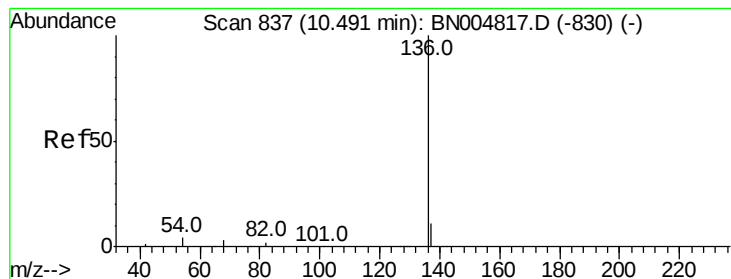
0

7.14

7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MSD

Tot Ion:136 Resp: 7575

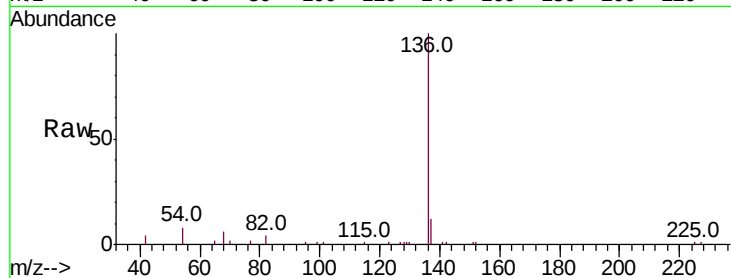
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 7.7 4.2 6.2#

68 6.4 3.9 5.9#

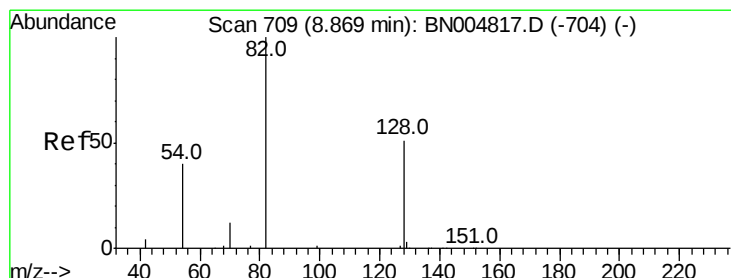
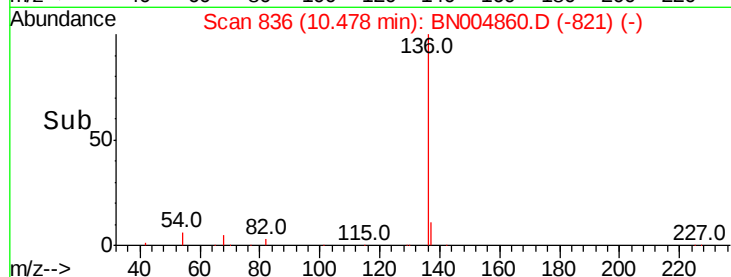
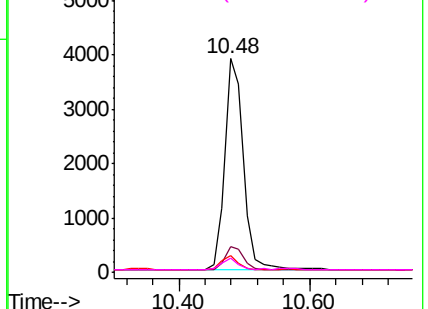


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

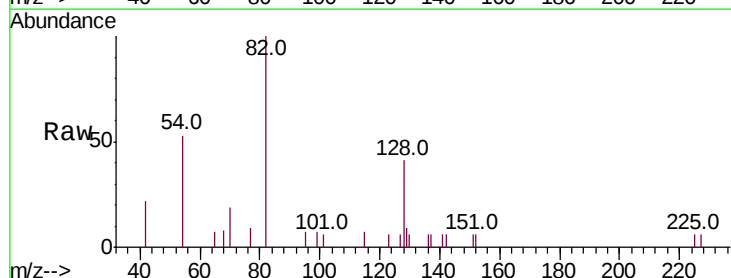
Tgt Ion: 82 Resp: 1622

Ion Ratio Lower Upper

82 100

128 41.4 43.0 64.6#

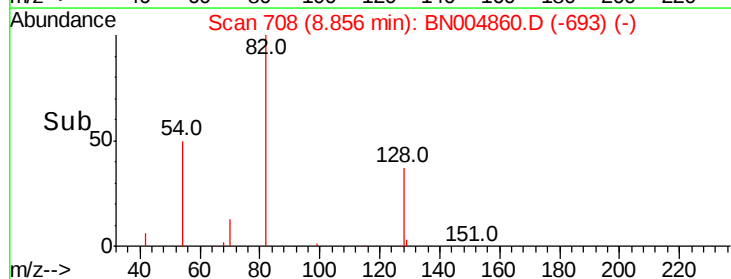
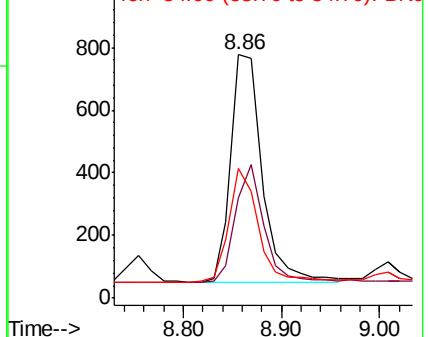
54 53.2 35.3 52.9#

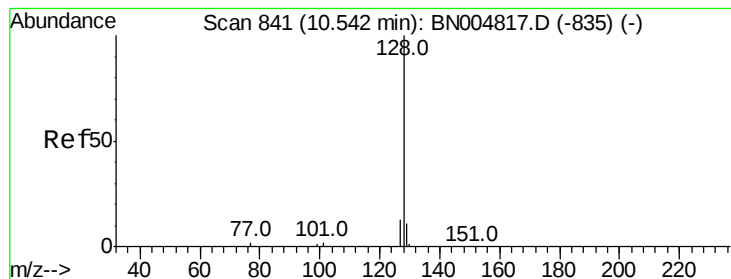


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.302 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004860.D

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Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MSD

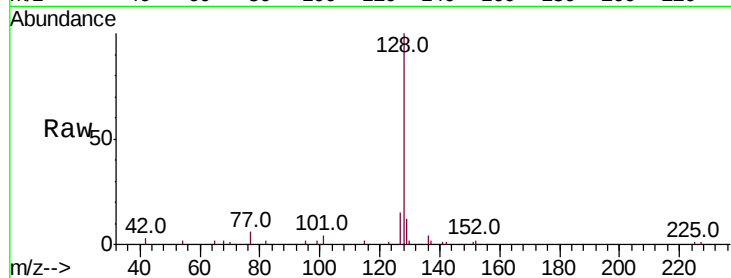
Tot Ion:128 Resp: 6422

Ion Ratio Lower Upper

128 100

129 12.3 9.9 14.9

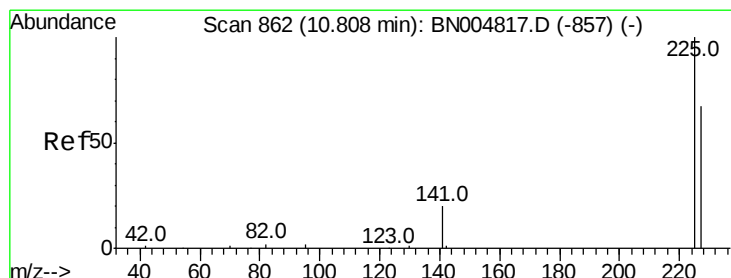
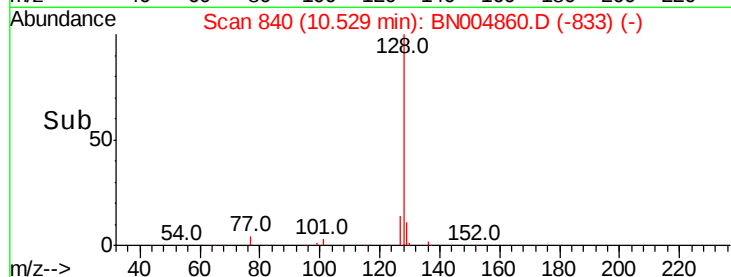
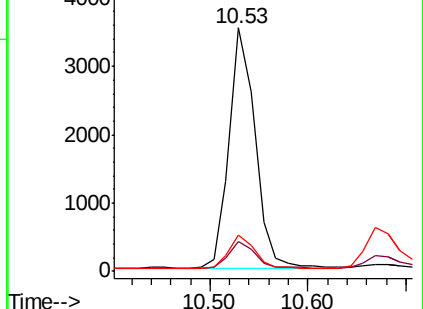
127 14.7 11.3 16.9



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: 0.279 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

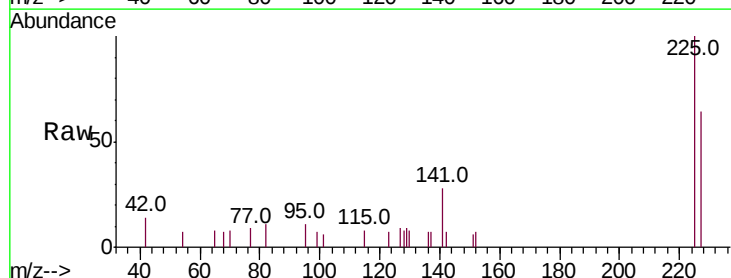
Tgt Ion:225 Resp: 1132

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

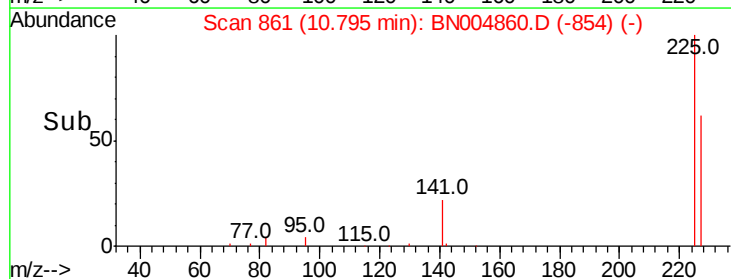
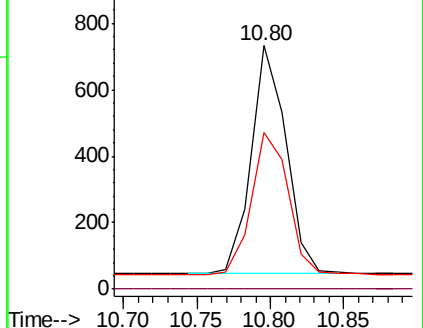
227 65.4 52.2 78.4

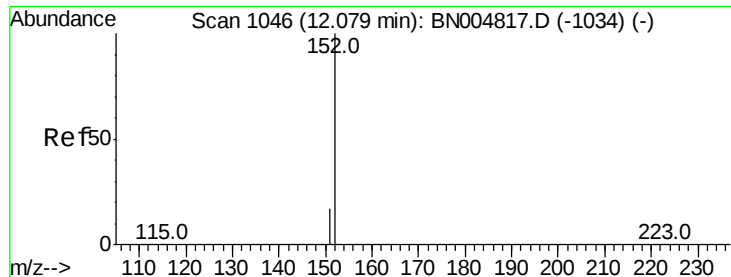


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

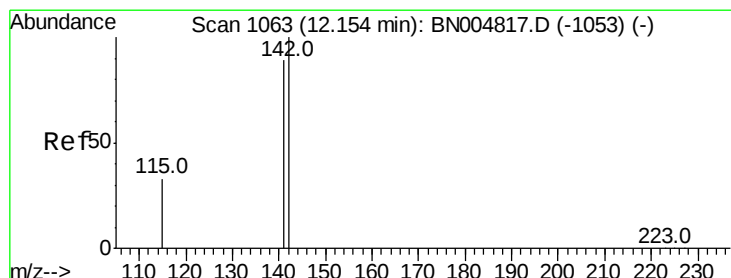
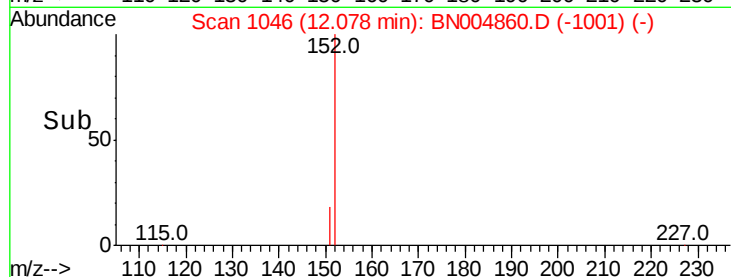
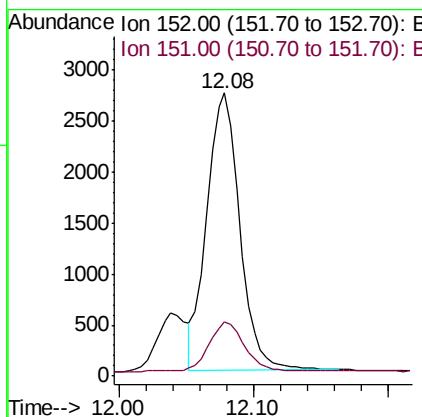
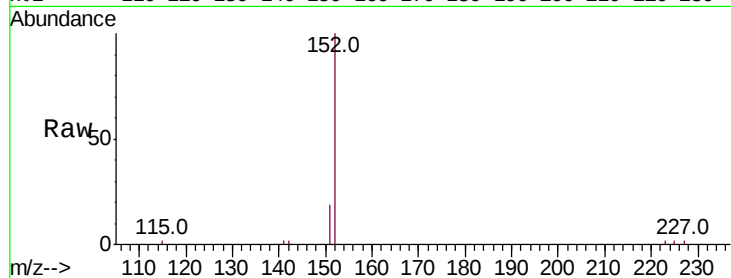




#11
 2-Methylnaphthalene-d10
 Concen: 0.351 ng
 RT: 12.08 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BN004860.D
 Acq: 21 Mar 2019 21:10

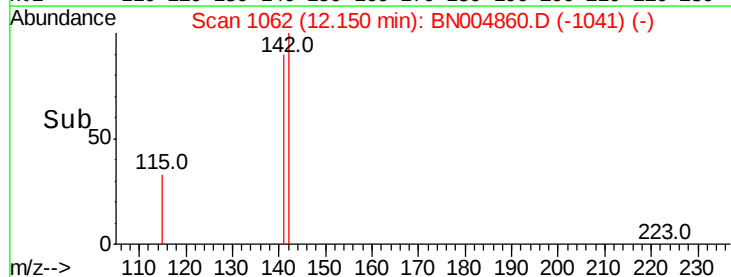
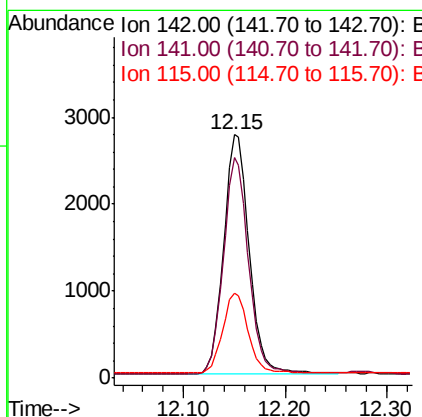
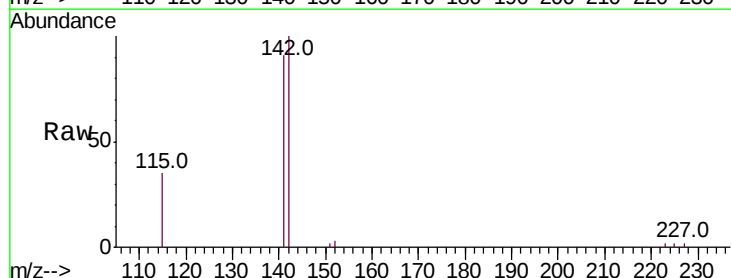
Instrument :
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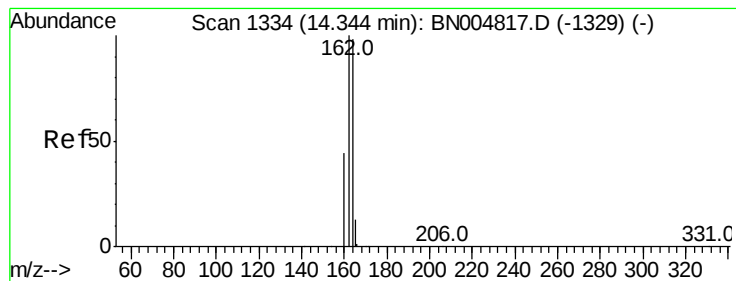
Tot Ion:152 Resp: 4641
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.303 ng
 RT: 12.15 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BN004860.D
 Acq: 21 Mar 2019 21:10

Tgt Ion:142 Resp: 4785
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.4 107.2
 115 34.8 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument:

BNA_N

ClientSampleId:

PST-028-B011-030619MSD

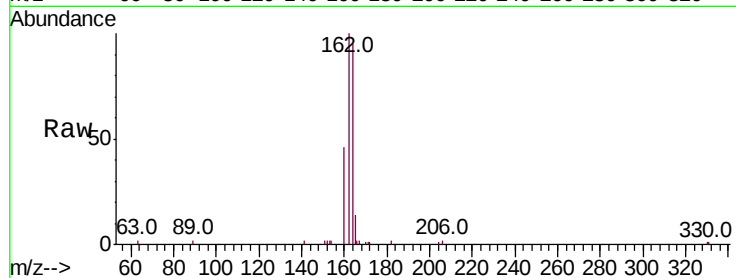
Tot Ion:164 Resp: 4885

Ion Ratio Lower Upper

164 100

162 105.8 81.9 122.9

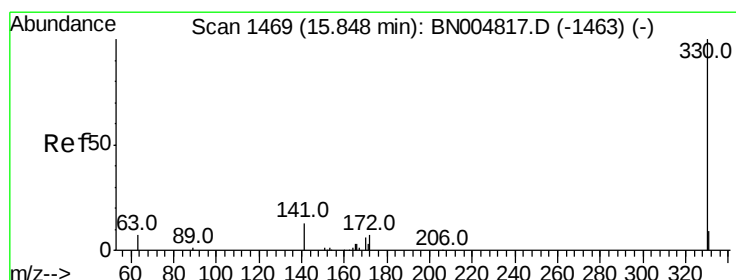
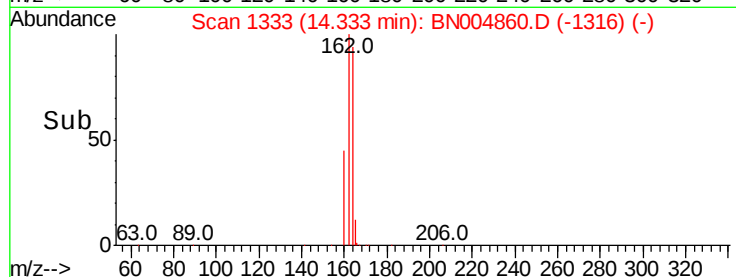
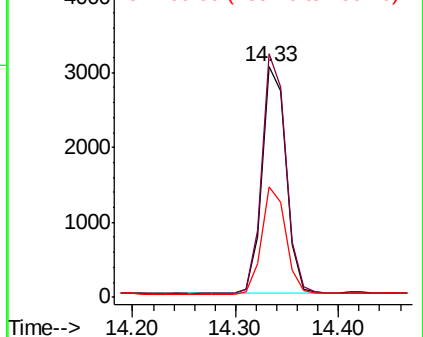
160 48.3 36.6 54.8



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: 0.322 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

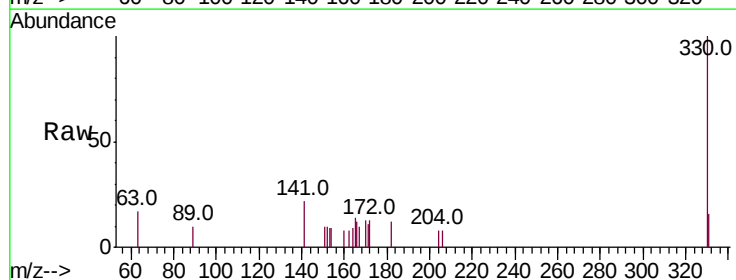
Tgt Ion:330 Resp: 1086

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

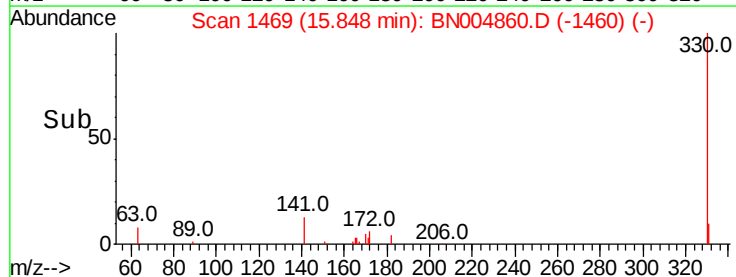
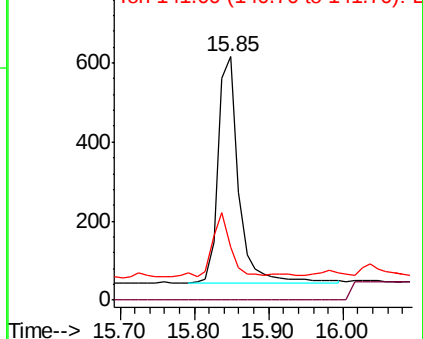
141 26.1 20.9 31.3

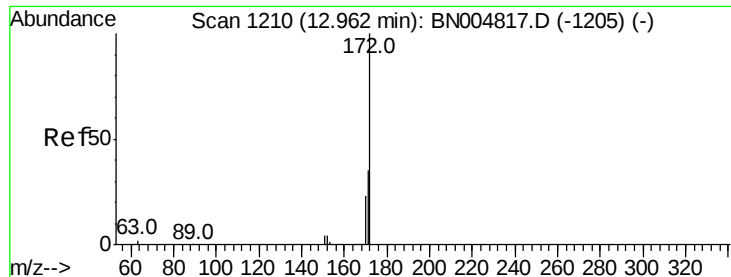


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

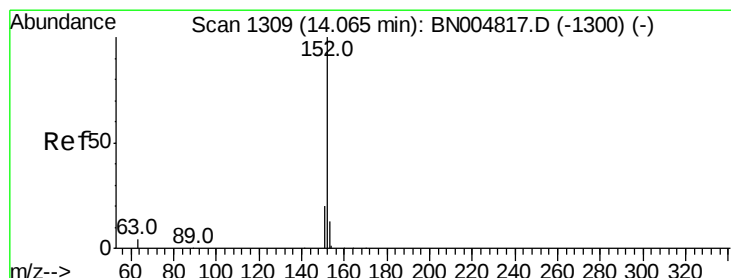
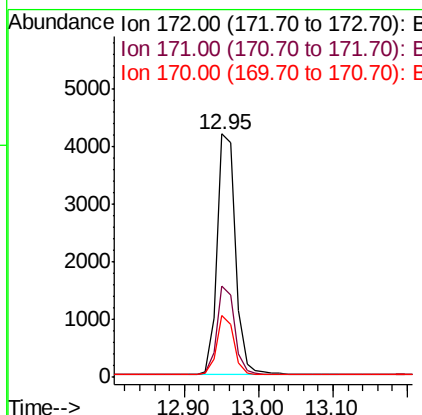
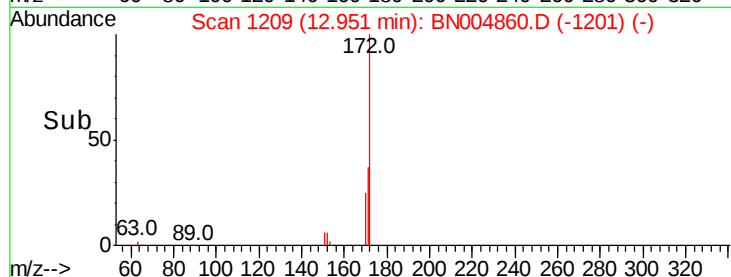
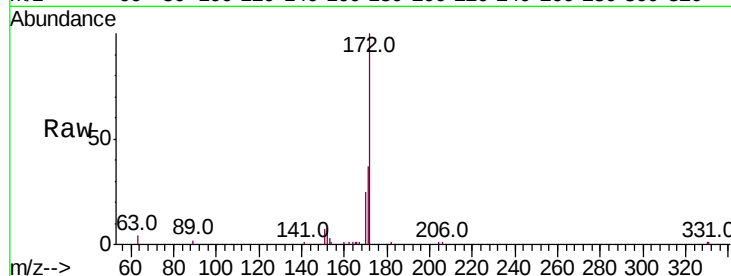




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004860.D
Acq: 21 Mar 2019 21:10

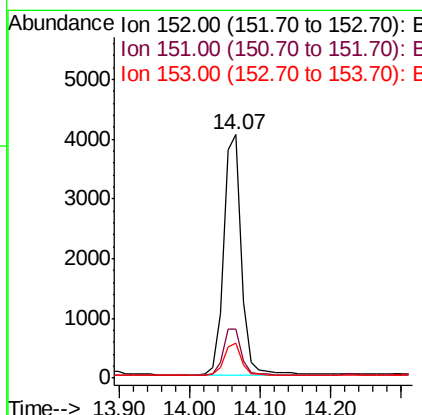
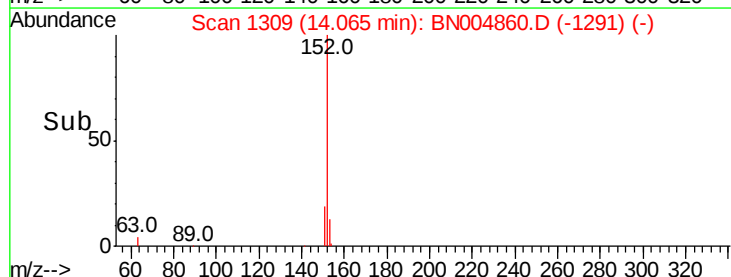
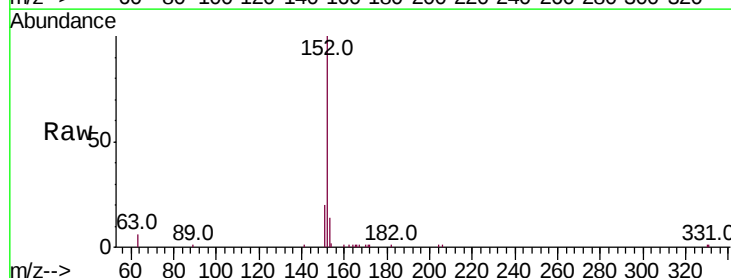
Instrument :
BNA_N
ClientSampleId :
PST-028-B011-030619MSD

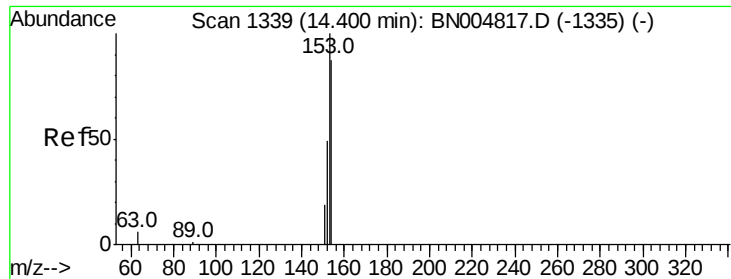
Tot Ion:172 Resp: 7208
Ion Ratio Lower Upper
172 100
171 37.4 28.7 43.1
170 25.5 18.7 28.1



#16
Acenaphthylene
Concen: 0.287 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004860.D
Acq: 21 Mar 2019 21:10

Tgt Ion:152 Resp: 7214
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.296 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MSD

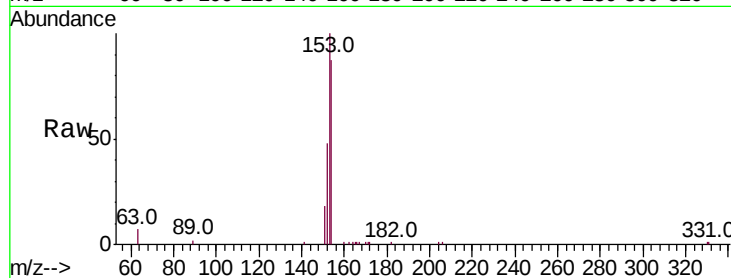
Tot Ion:154 Resp: 4881

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

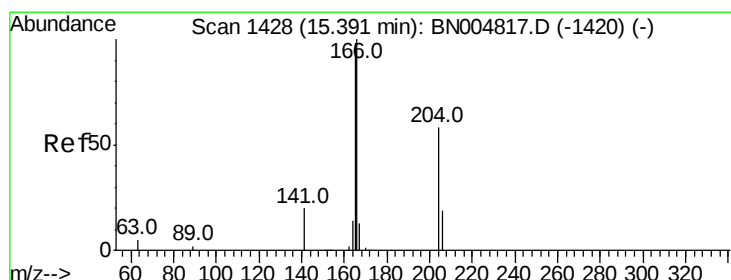
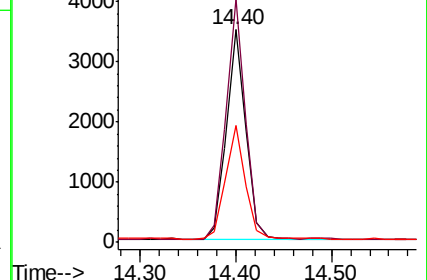
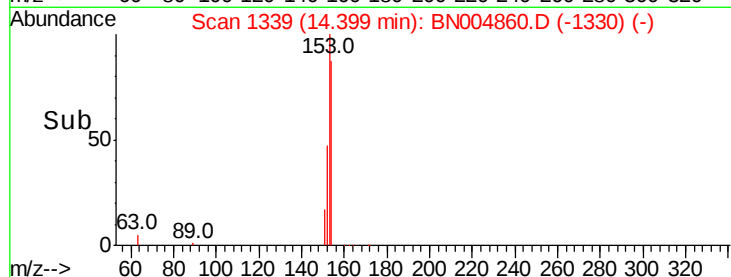
152 55.4 44.2 66.2



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: 0.294 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

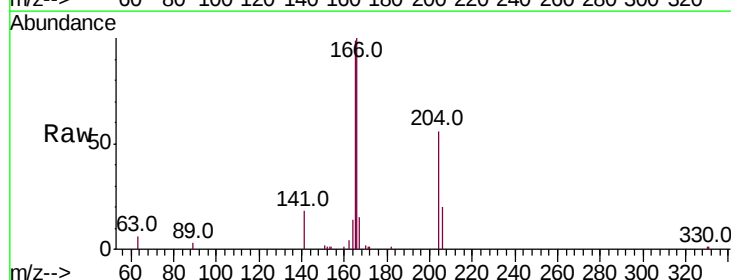
Tgt Ion:166 Resp: 6767

Ion Ratio Lower Upper

166 100

165 98.9 78.2 117.4

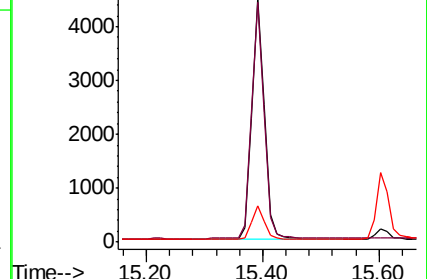
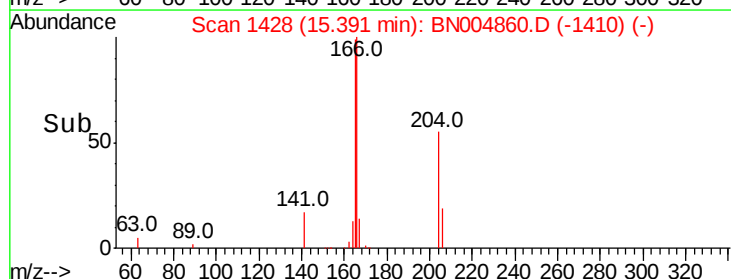
167 13.7 11.0 16.4

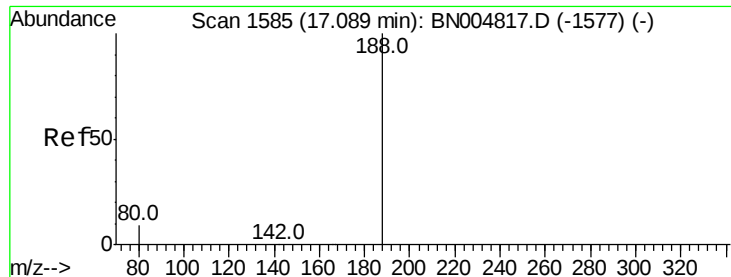


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MSD

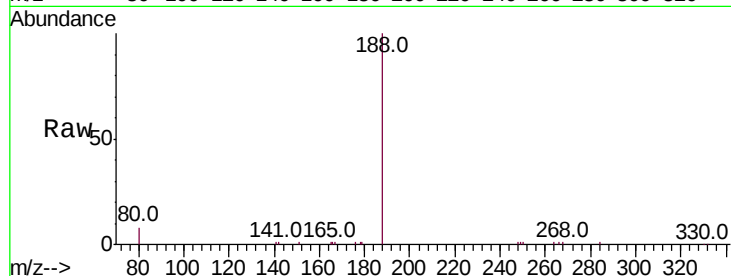
Tot Ion:188 Resp: 13208

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

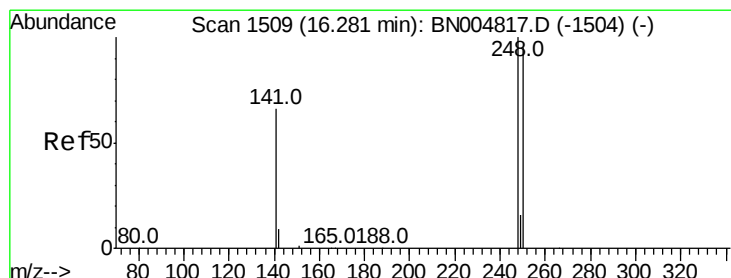
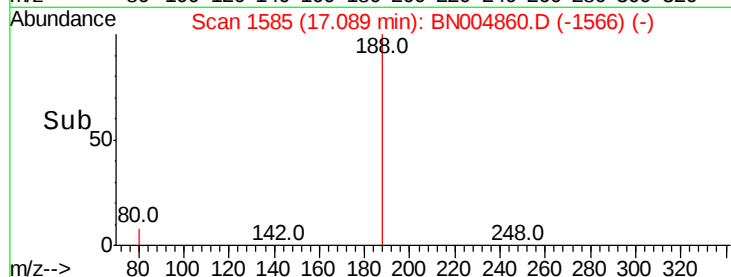
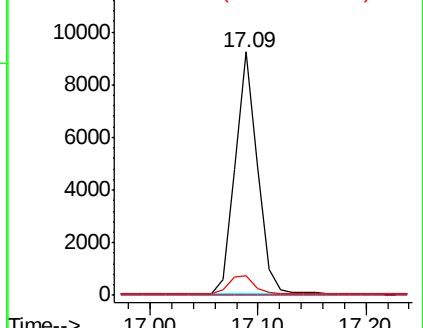
80 8.3 7.4 11.2



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: 0.278 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

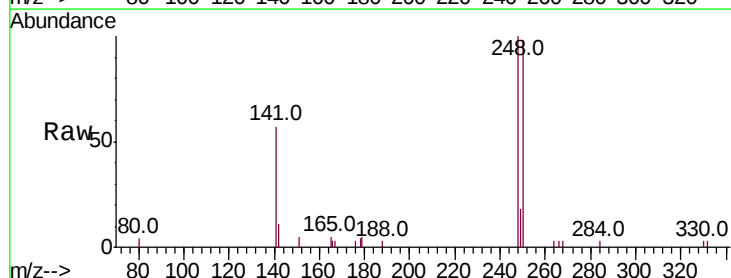
Tgt Ion:248 Resp: 2401

Ion Ratio Lower Upper

248 100

250 98.2 76.2 114.4

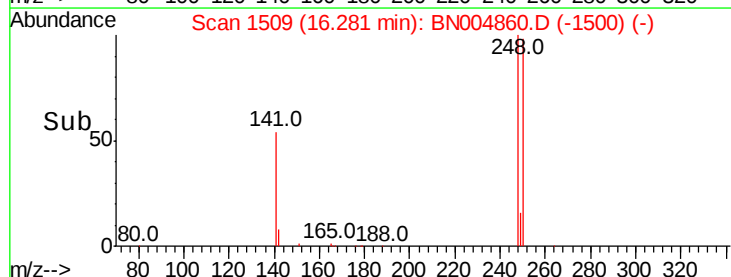
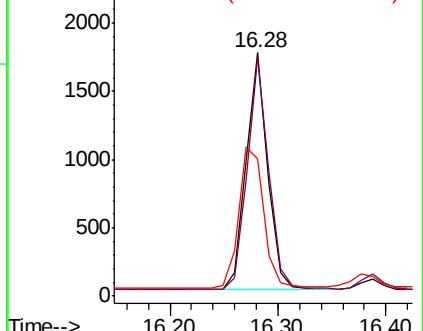
141 56.5 53.9 80.9

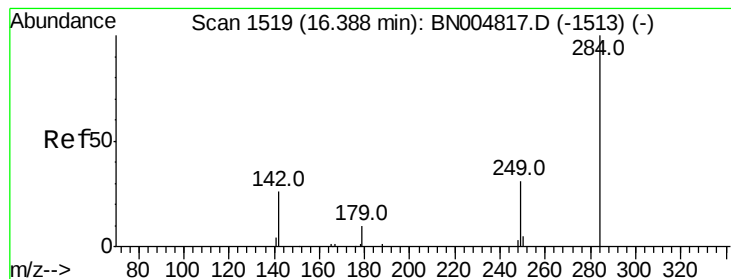


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.272 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MSD

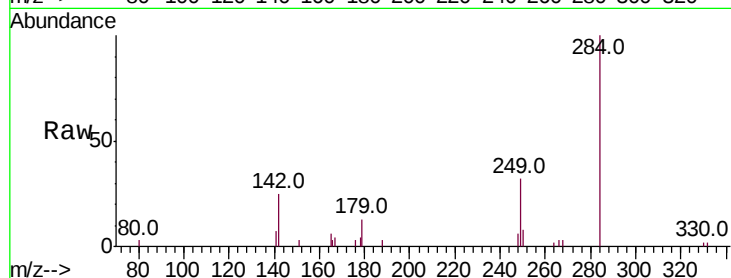
Tot Ion:284 Resp: 2686

Ion Ratio Lower Upper

284 100

142 30.1 22.6 34.0

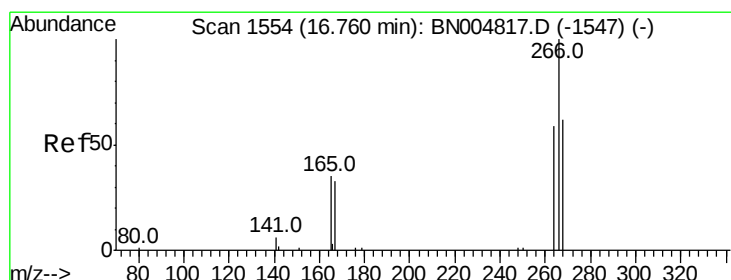
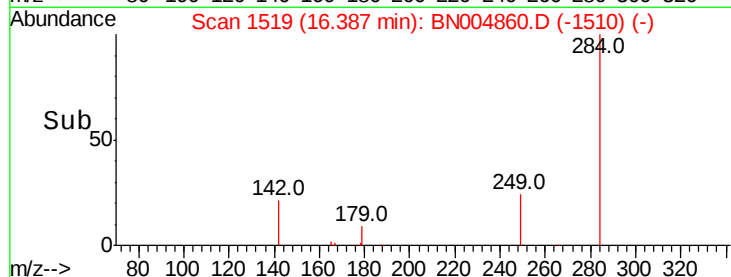
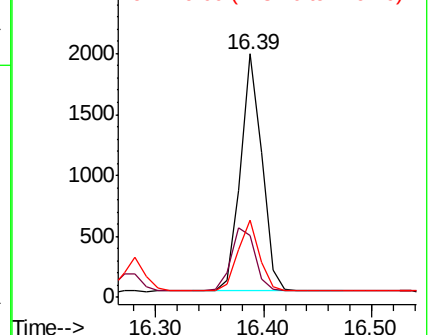
249 29.9 22.5 33.7



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: 0.318 ng

RT: 16.76 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

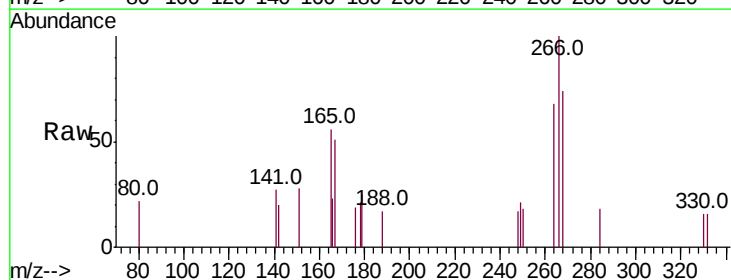
Tgt Ion:266 Resp: 614

Ion Ratio Lower Upper

266 100

264 67.8 53.1 79.7

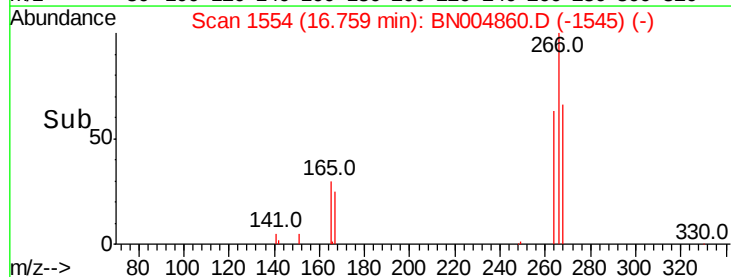
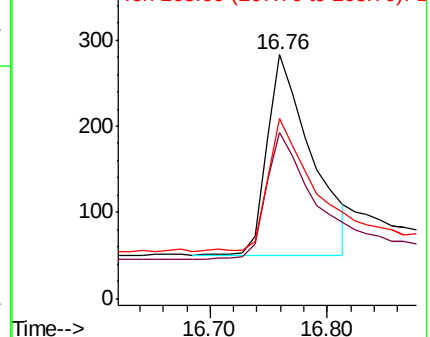
268 73.9 57.7 86.5

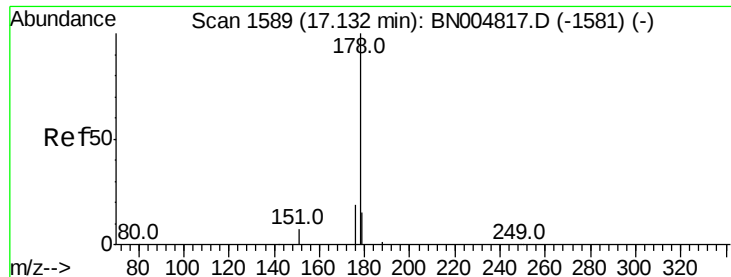


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.342 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MSD

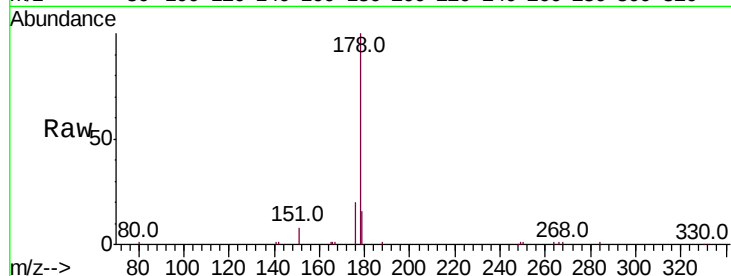
Tot Ion:178 Resp: 14576

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

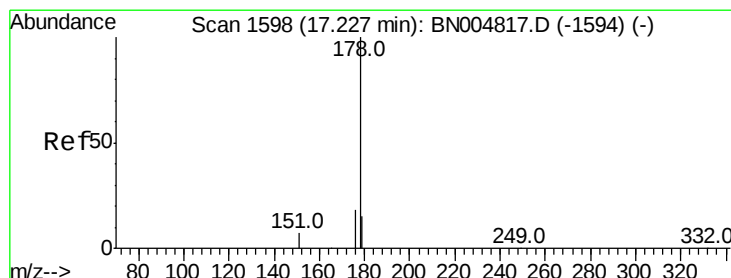
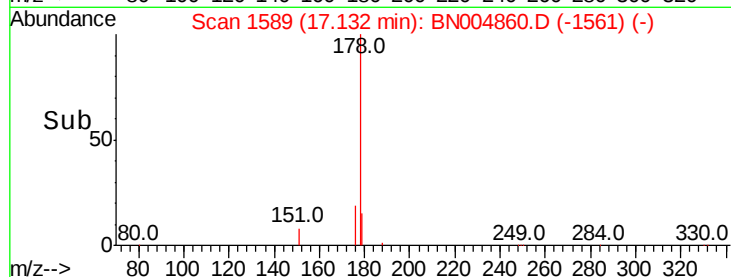
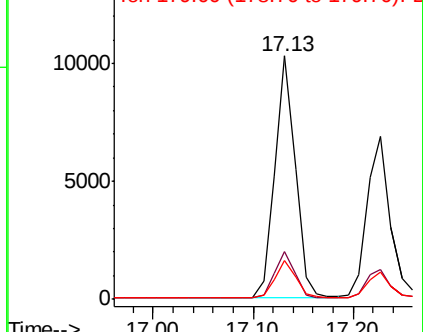
179 15.6 12.1 18.1



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: 0.293 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

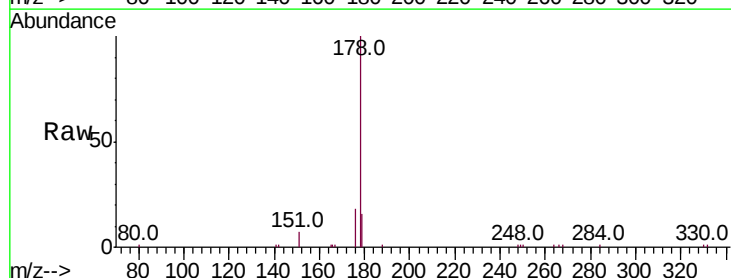
Tgt Ion:178 Resp: 11170

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

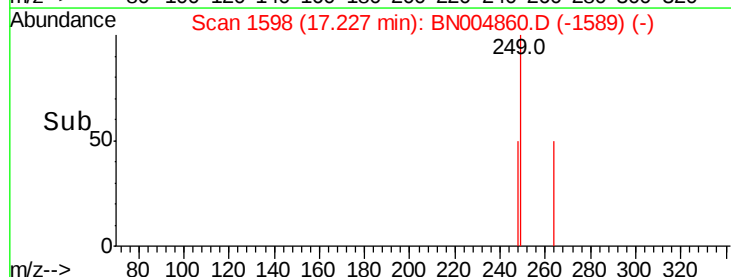
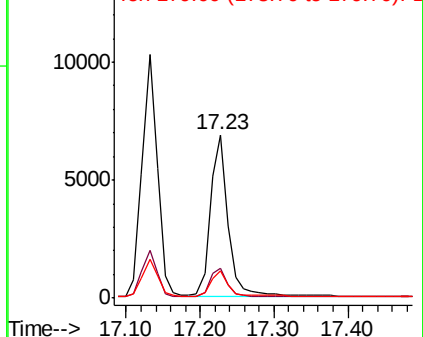
179 15.6 12.2 18.4

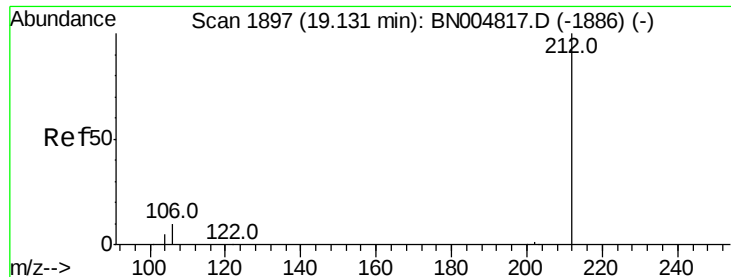


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.334 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MSD

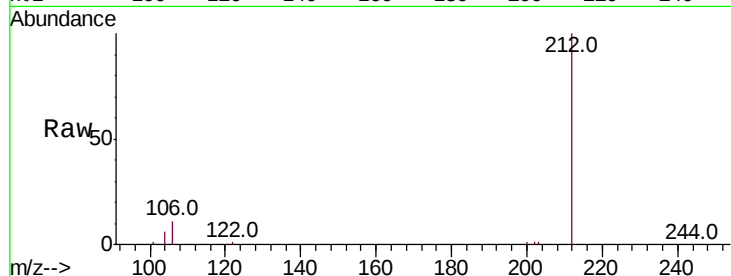
Tot Ion:212 Resp: 14783

Ion Ratio Lower Upper

212 100

106 11.1 8.6 13.0

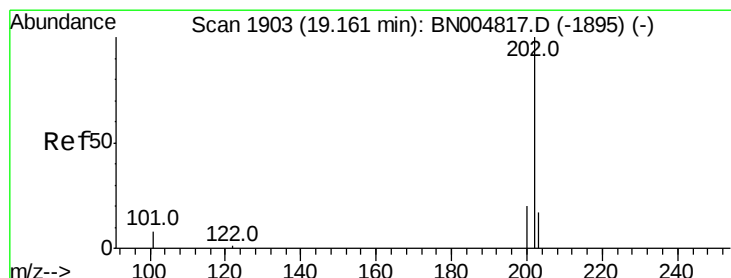
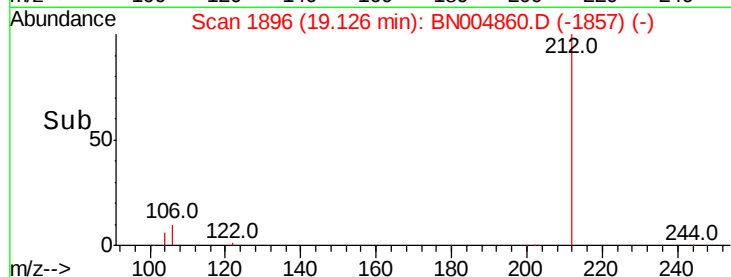
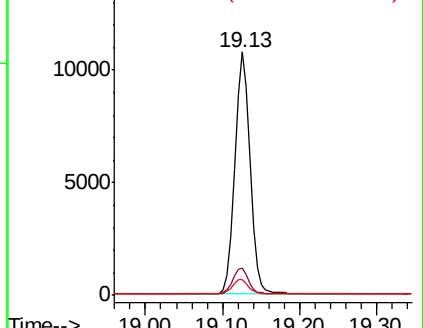
104 6.4 4.7 7.1



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: 0.396 ng

RT: 19.16 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

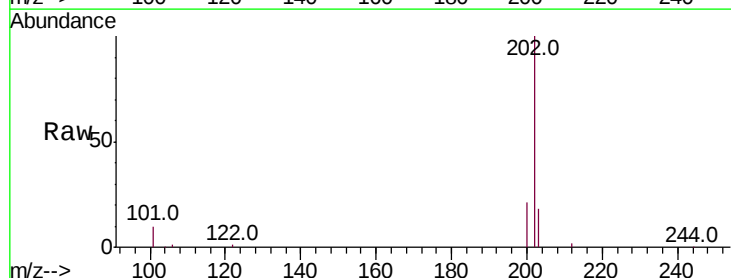
Tgt Ion:202 Resp: 21713

Ion Ratio Lower Upper

202 100

101 9.8 7.5 11.3

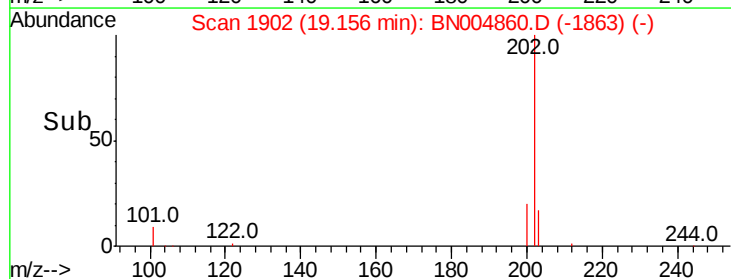
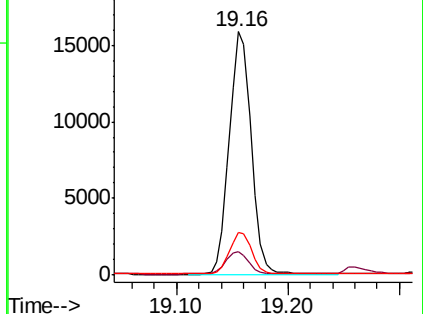
203 17.4 13.8 20.6

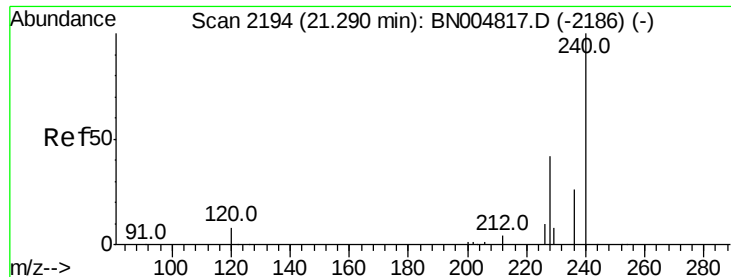


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

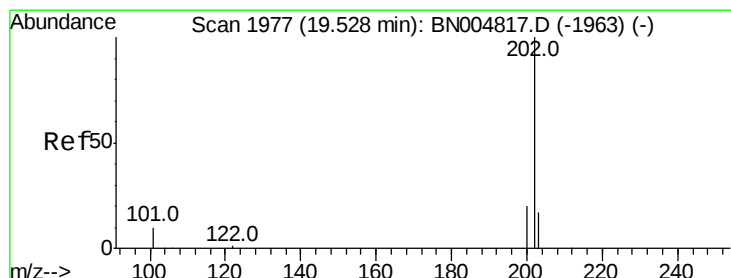
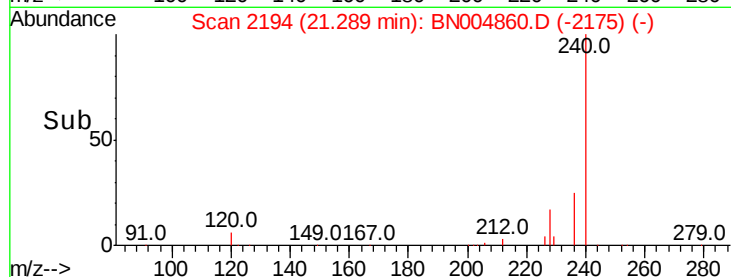
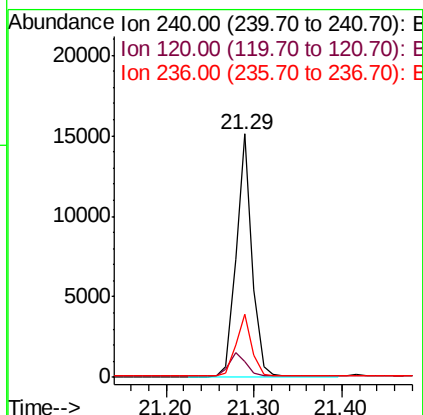
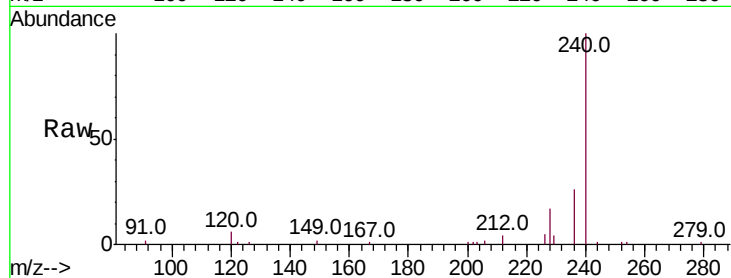




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004860.D
Acq: 21 Mar 2019 21:10

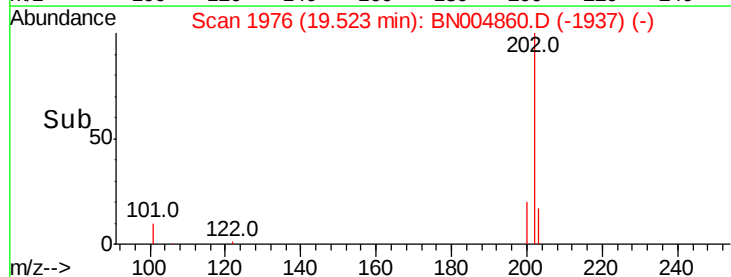
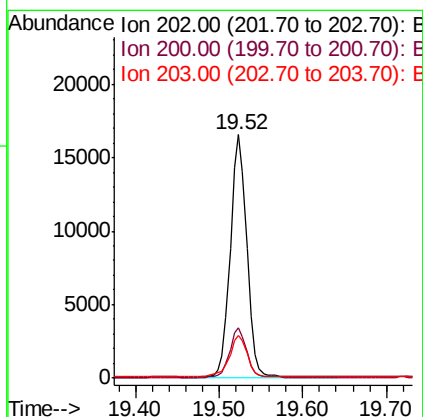
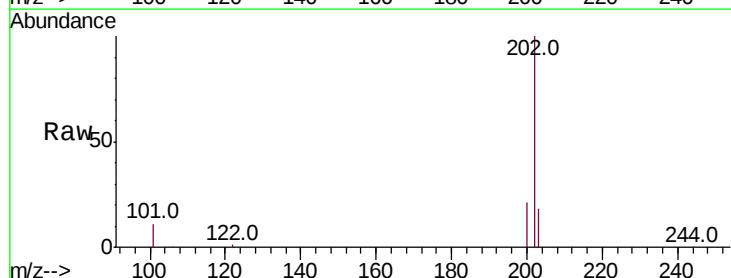
Instrument :
BNA_N
ClientSampleId :
PST-028-B011-030619MSD

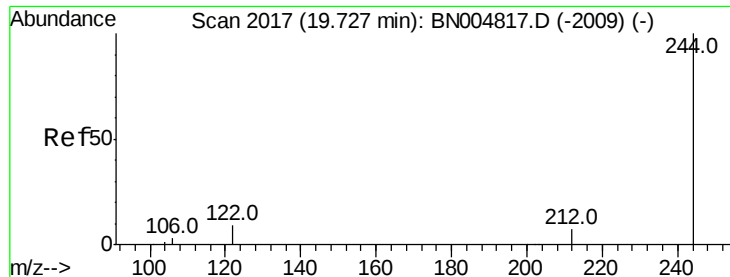
Tot Ion:240 Resp: 18621
Ion Ratio Lower Upper
240 100
120 6.5 7.2 10.8#
236 25.8 20.9 31.3



#28
Pyrene
Concen: 0.399 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004860.D
Acq: 21 Mar 2019 21:10

Tgt Ion:202 Resp: 22670
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 18.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.298 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MSD

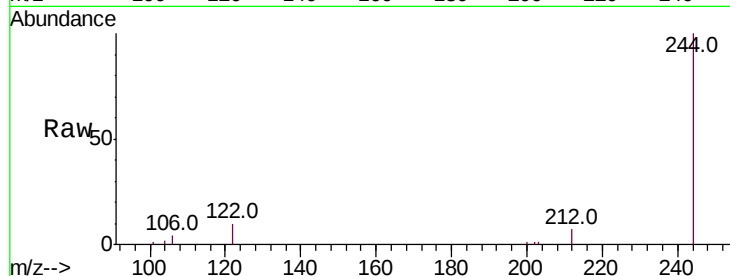
Tot Ion:244 Resp: 11338

Ion Ratio Lower Upper

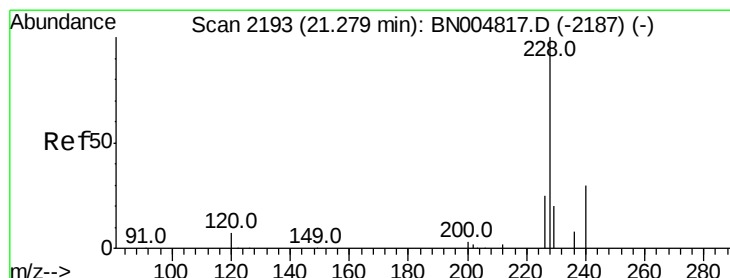
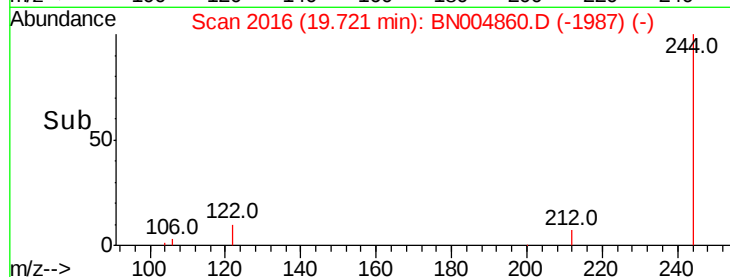
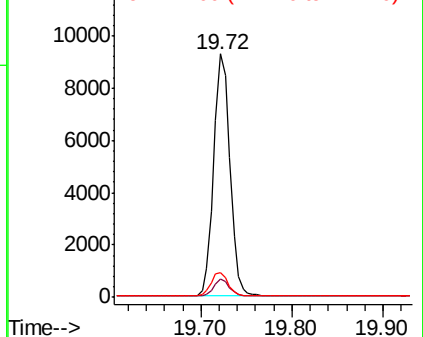
244 100

212 7.4 5.8 8.6

122 10.4 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: 0.357 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

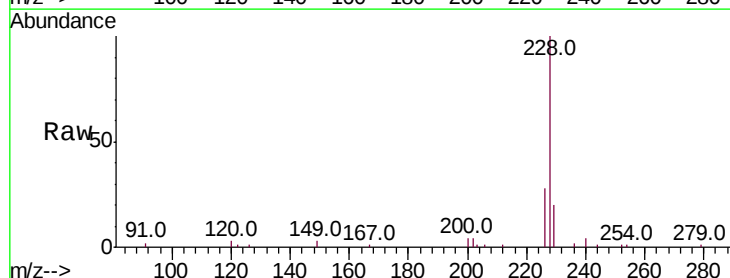
Tgt Ion:228 Resp: 21803

Ion Ratio Lower Upper

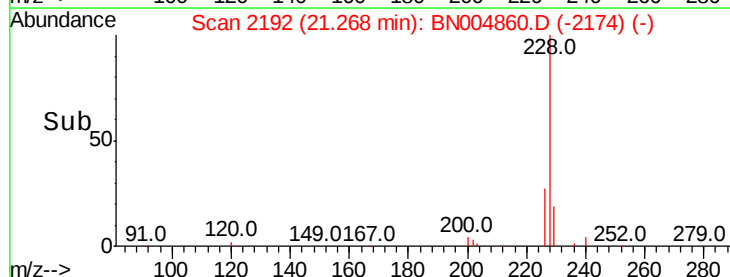
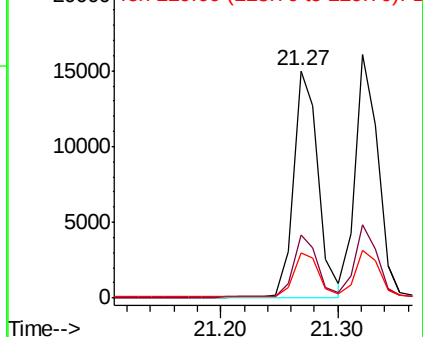
228 100

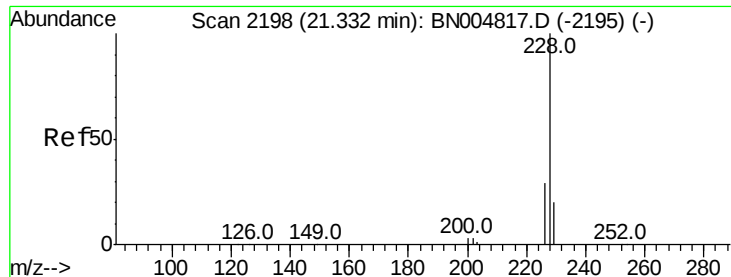
226 27.8 20.6 31.0

229 19.6 16.2 24.4



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





#31

Chrysene

Concen: 0.337 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument :

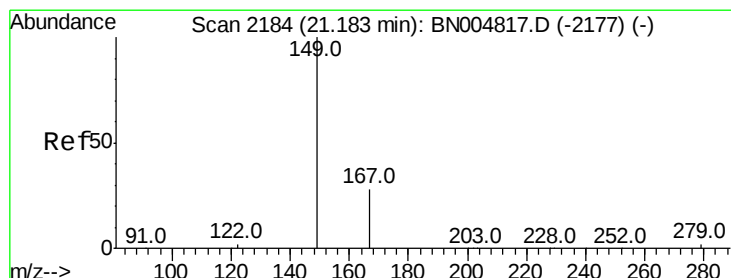
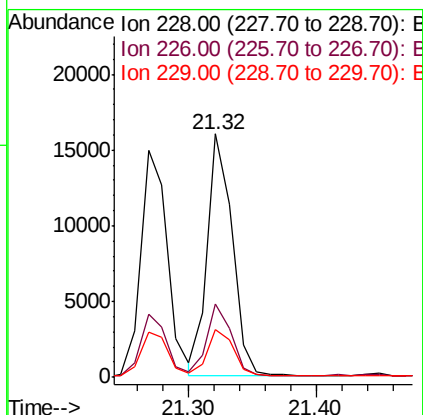
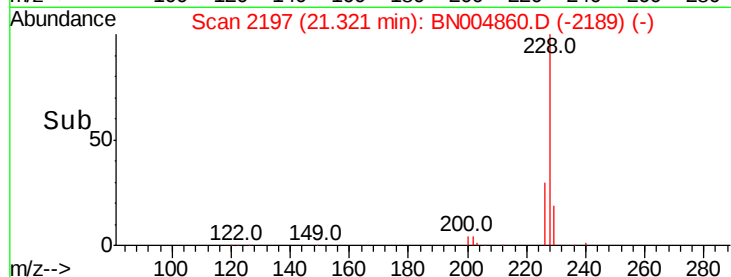
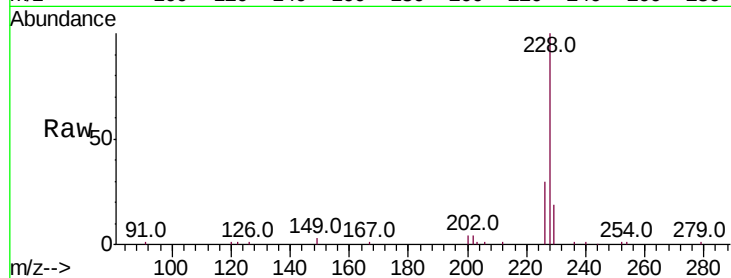
BNA_N

ClientSampleId :

PST-028-B011-030619MSD

Tot Ion:228 Resp: 21656

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.0	34.6
229	19.5	16.2	24.2



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.564 ng

RT: 21.18 min Scan# 2184

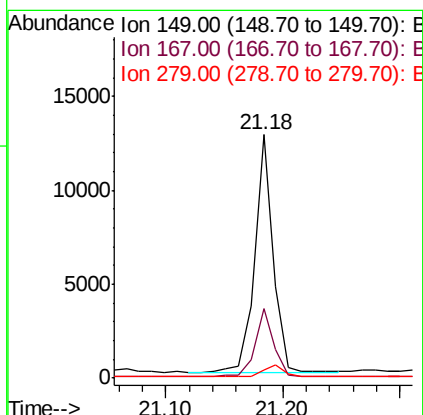
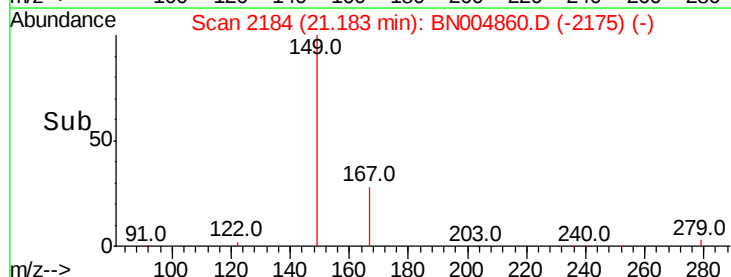
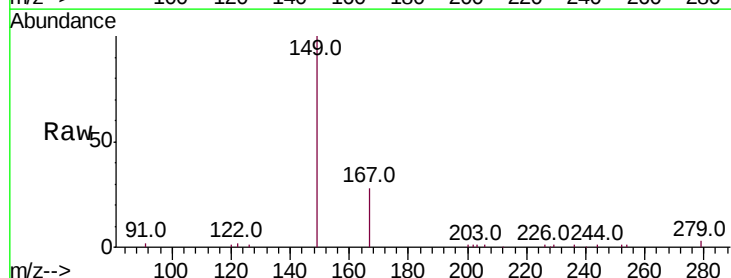
Delta R.T. -0.00 min

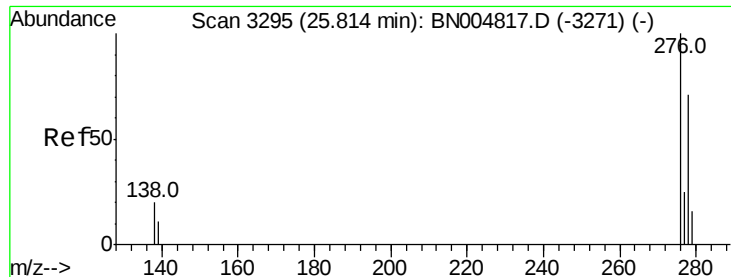
Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Tgt Ion:149 Resp: 13772

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.4
279	5.3	4.6	6.8

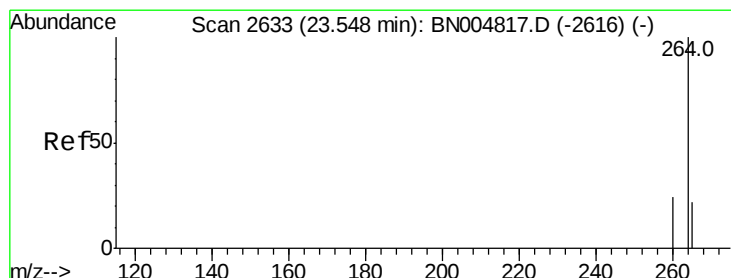
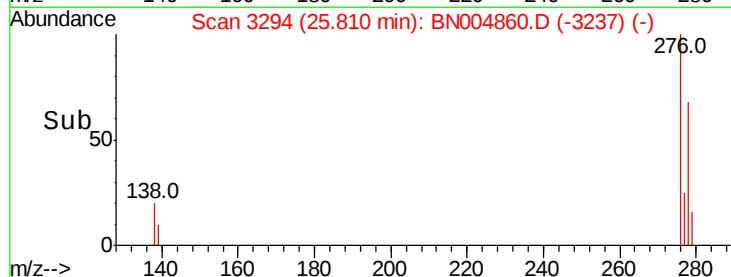
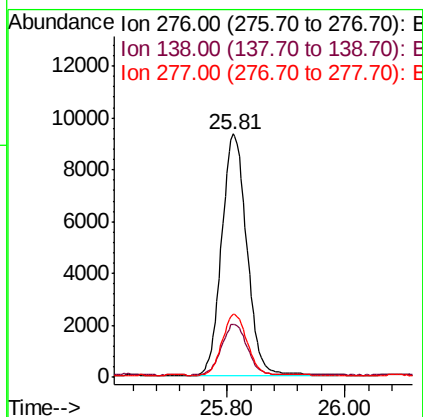
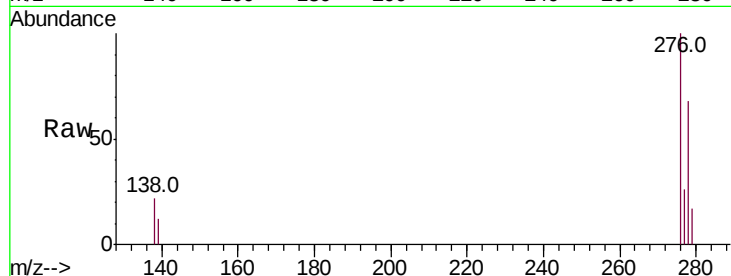




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.297 ng
 RT: 25.81 min Scan# 3294
 Delta R.T. -0.00 min
 Lab File: BN004860.D
 Acq: 21 Mar 2019 21:10

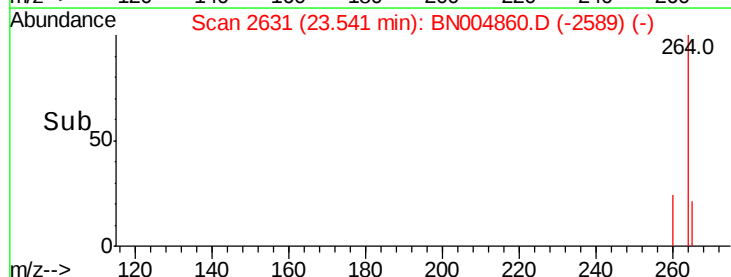
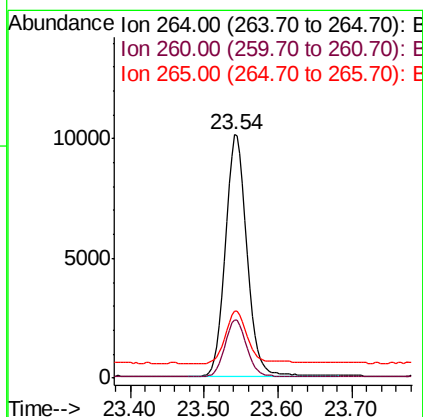
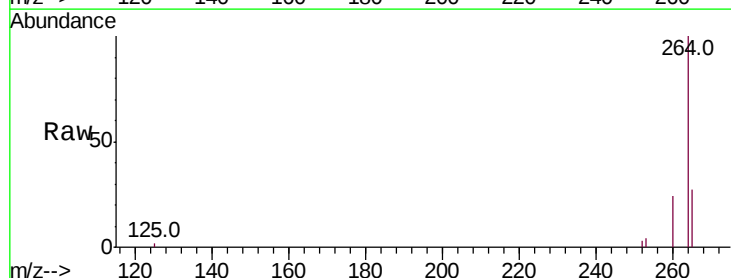
Instrument :
 BNA_N
 ClientSampleId :
 PST-028-B011-030619MSD

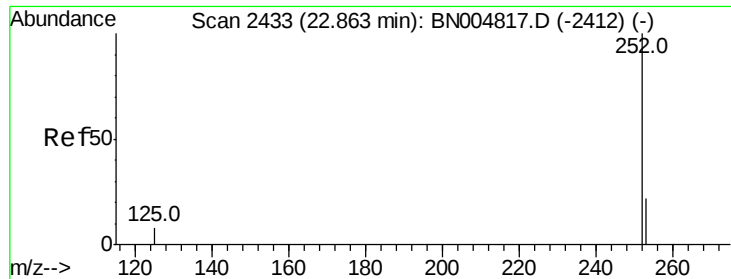
Tot Ion:276 Resp: 27614
 Ion Ratio Lower Upper
 276 100
 138 21.4 16.6 24.8
 277 24.9 20.3 30.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.54 min Scan# 2631
 Delta R.T. -0.01 min
 Lab File: BN004860.D
 Acq: 21 Mar 2019 21:10

Tgt Ion:264 Resp: 20277
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 27.3 23.1 34.7





#35

Benzo(b)fluoranthene

Concen: 0.315 ng

RT: 22.91 min Scan# 2446

Delta R.T. 0.04 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_N

ClientSampleId :

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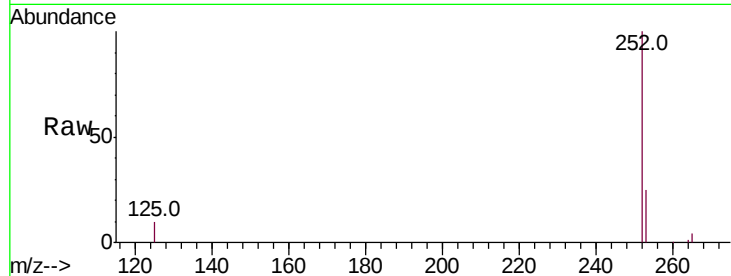
Tot Ion:252 Resp: 23115

Ion Ratio Lower Upper

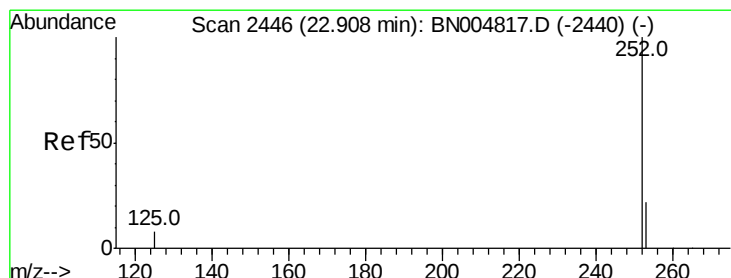
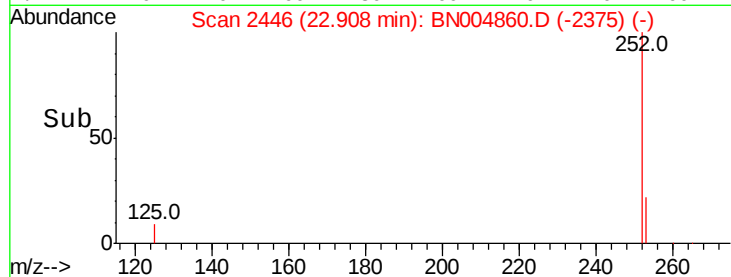
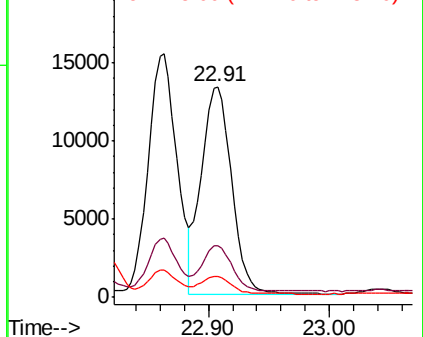
252 100

253 24.5 19.0 28.4

125 10.1 7.4 11.2



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: 0.320 ng

RT: 22.91 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

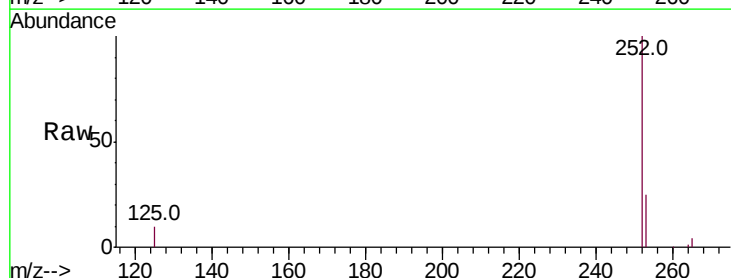
Tgt Ion:252 Resp: 23115

Ion Ratio Lower Upper

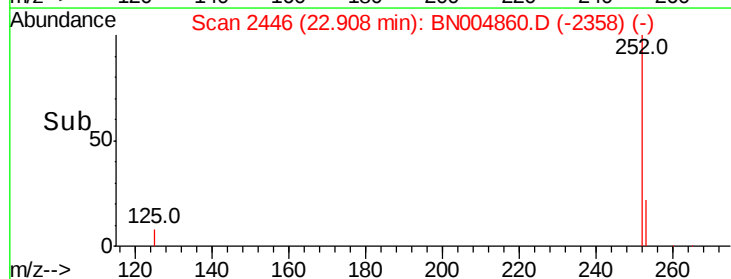
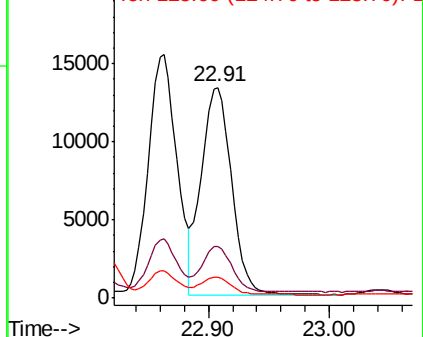
252 100

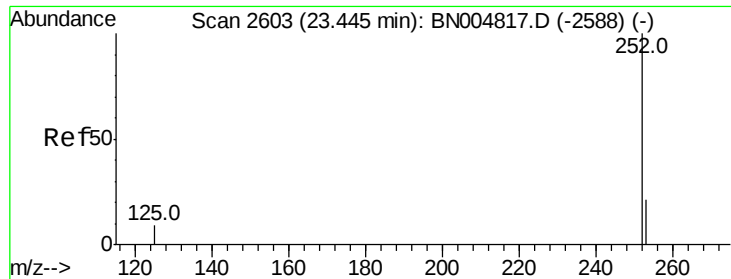
253 24.5 19.3 28.9

125 10.1 7.4 11.0



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: 0.344 ng

RT: 23.45 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MSD

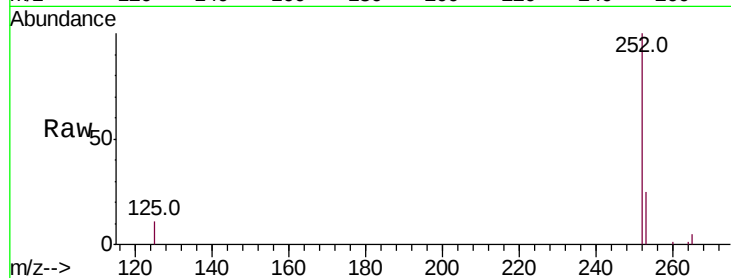
Tot Ion:252 Resp: 23117

Ion Ratio Lower Upper

252 100

253 25.1 19.7 29.5

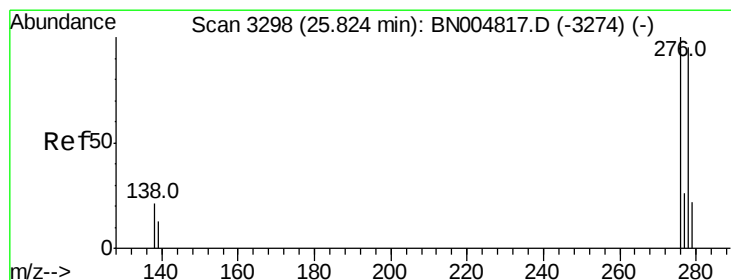
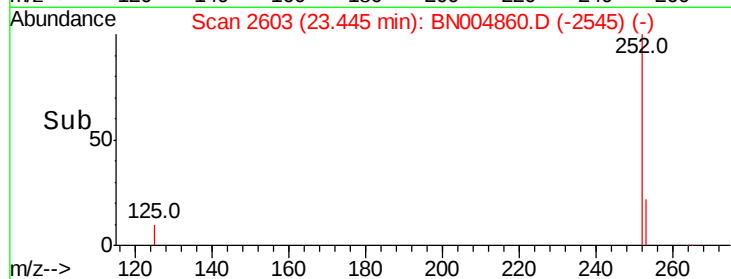
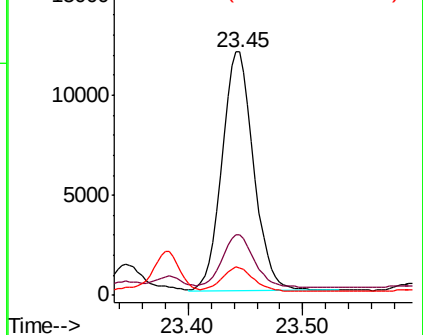
125 11.4 8.3 12.5



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: 0.273 ng

RT: 25.82 min Scan# 3297

Delta R.T. -0.00 min

Lab File: BN004860.D

Acq: 21 Mar 2019 21:10

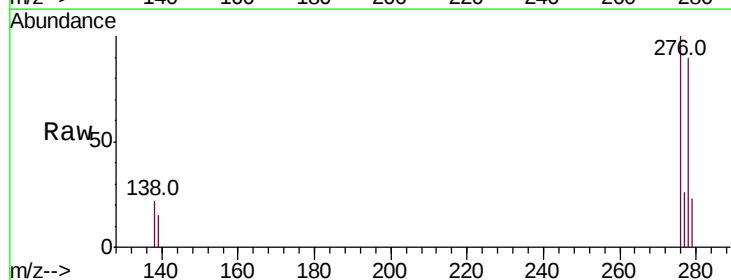
Tgt Ion:278 Resp: 21309

Ion Ratio Lower Upper

278 100

139 16.5 11.7 17.5

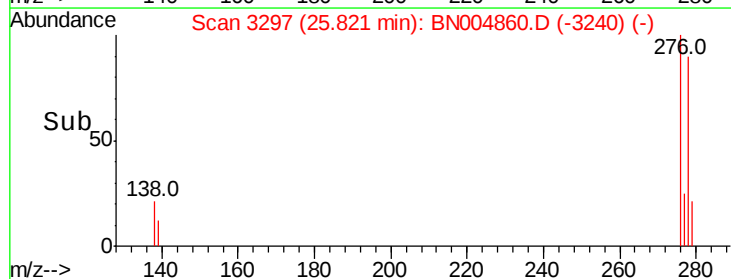
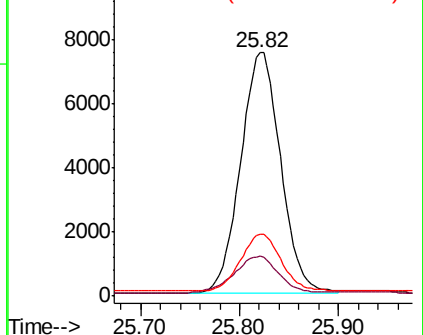
279 25.2 19.9 29.9

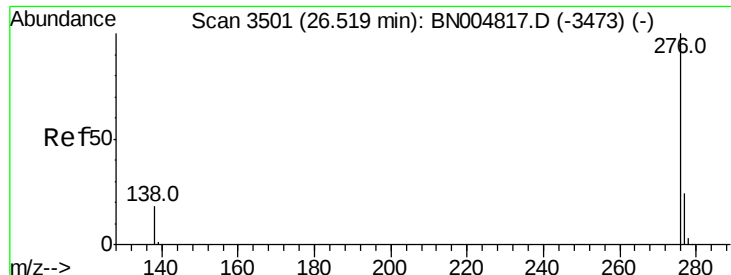


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.296 ng

RT: 26.52 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BN004860.D

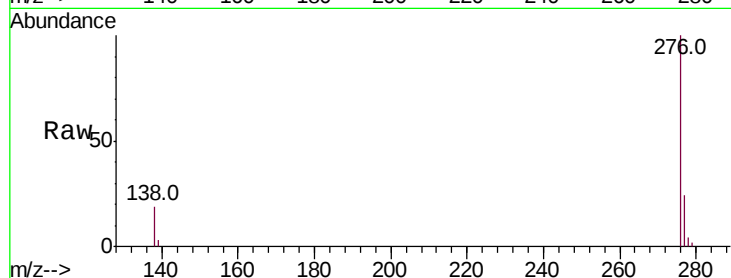
Acq: 21 Mar 2019 21:10

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MSD



Tot Ion:276 Resp: 23515

Ion Ratio Lower Upper

276 100

277 24.3 19.7 29.5

138 18.7 14.6 22.0

Abundance Ion 276.00 (275.70 to 276.70): E
10000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

