

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
 Data File : BN006655.D
 Acq On : 01 Jul 2019 10:22
 Operator : HP/JU
 Sample : K3504-19MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B213-062019MSD

Quant Time: Jul 02 05:04:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4443	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	17512	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	9503	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	21018	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	18883	0.40	ng	0.00
34) Perylene-d12	23.52	264	20265	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	4573	0.42	ng	0.00
5) Phenol-d6	6.81	99	6552	0.45	ng	-0.02
8) Nitrobenzene-d5	8.78	82	4547	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.00	152	10450	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	1678	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	13420	0.38	ng	-0.01
25) Fluoranthene-d10	19.08	212	20508	0.33	ng	0.00
29) Terphenyl-d14	19.68	244	14527	0.37	ng	0.00

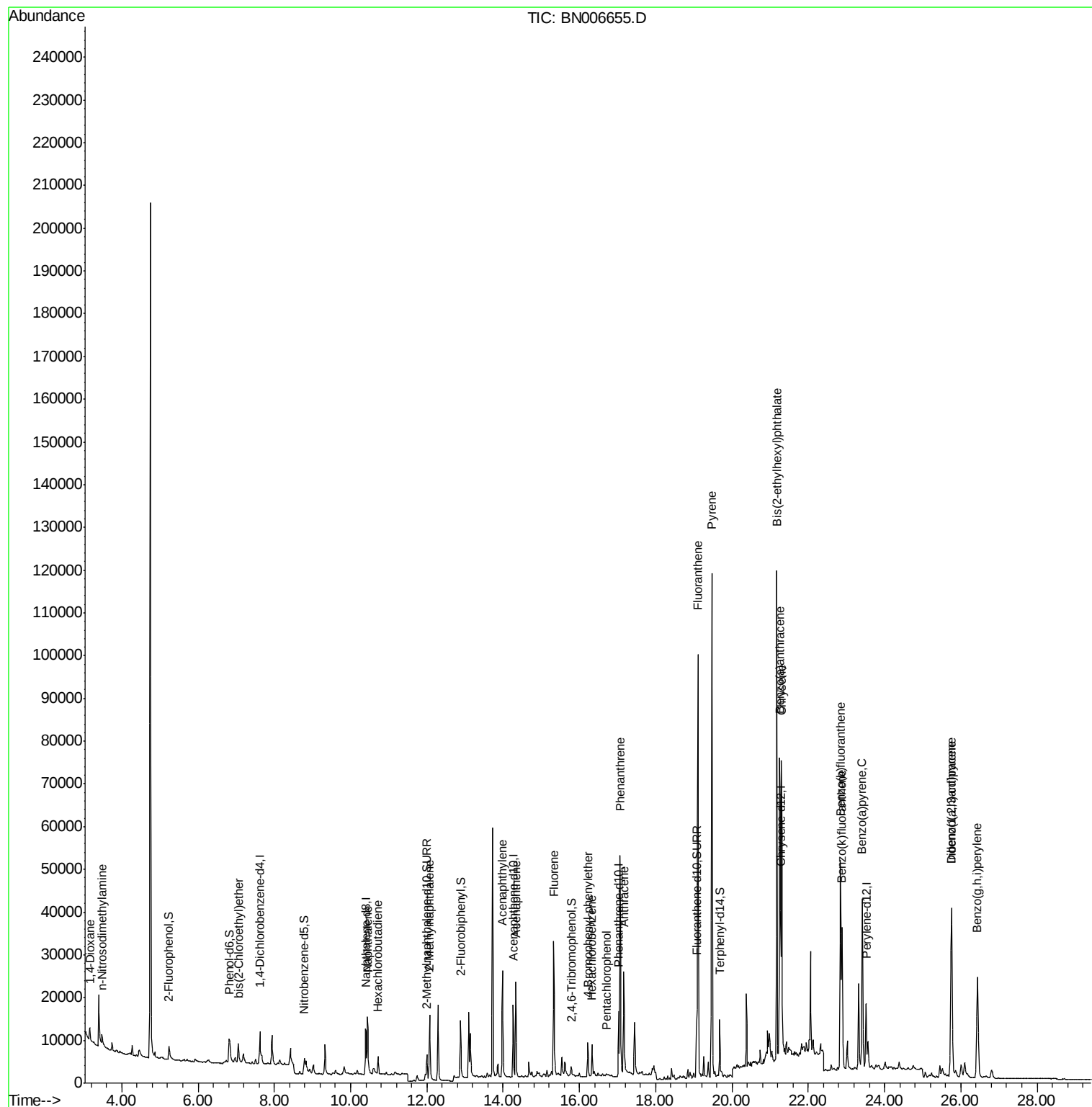
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	1771	0.288	ng	# 57
3) n-Nitrosodimethylamine	3.48	42	1952	0.404	ng	# 87
6) bis(2-Chloroethyl)ether	7.06	93	4714	0.366	ng	# 87
9) Naphthalene	10.44	128	20204	0.439	ng	100
10) Hexachlorobutadiene	10.72	225	3309	0.350	ng	# 99
12) 2-Methylnaphthalene	12.07	142	13511	0.425	ng	100
16) Acenaphthylene	13.99	152	29754	0.657	ng	100
17) Acenaphthene	14.33	154	12156	0.407	ng	99
18) Fluorene	15.32	166	16003	0.425	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	4456	0.383	ng	# 90
21) Hexachlorobenzene	16.33	284	5152	0.350	ng	100
22) Pentachlorophenol	16.72	266	457	0.328	ng	97
23) Phenanthrene	17.07	178	54401	0.910	ng	100
24) Anthracene	17.16	178	28619	0.552	ng	98
26) Fluoranthene	19.11	202	90447	1.245	ng	99
28) Pyrene	19.47	202	107662	1.629	ng	98
30) Benzo(a)anthracene	21.25	228	60295	0.977	ng	98
31) Chrysene	21.30	228	68350	1.027	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	90434	2.910	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	50085	0.744	ng	98
35) Benzo(b)fluoranthene	22.85	252	67951	0.986	ng	99
36) Benzo(k)fluoranthene	22.89	252	42202	0.574	ng	97
37) Benzo(a)pyrene	23.42	252	58016	0.900	ng	99
38) Dibenzo(a,h)anthracene	25.76	278	28455	0.505	ng	95
39) Benzo(g,h,i)perylene	26.44	276	48040	0.855	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: 7.62 min Scan# 570

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD

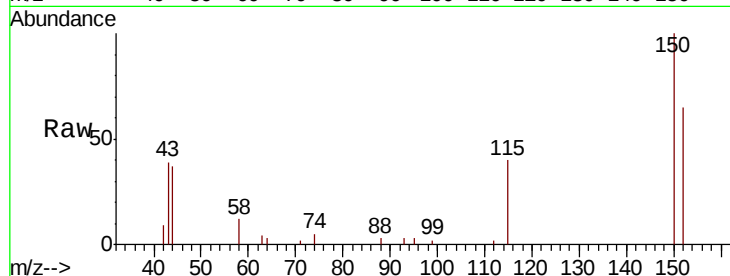
Tgt Ion: 152 Resp: 4443

Ion Ratio Lower Upper

152 100

150 153.7 122.2 183.2

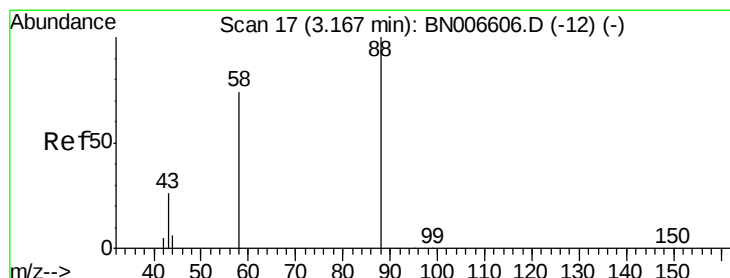
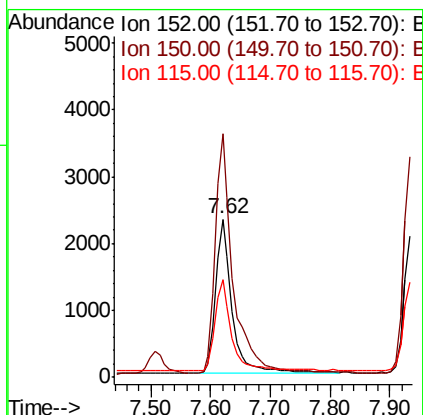
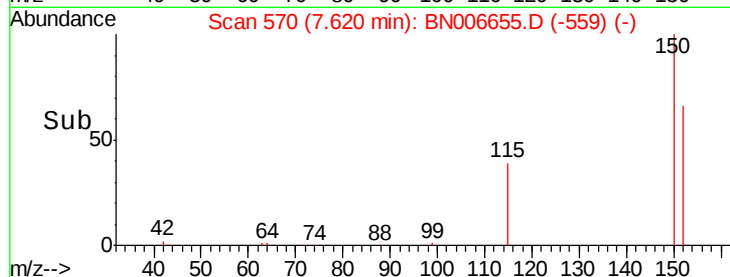
115 61.6 50.0 75.0



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



#2

1,4-Dioxane

Concen: 0.288 ng

RT: 3.17 min Scan# 17

Delta R.T. -0.00 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

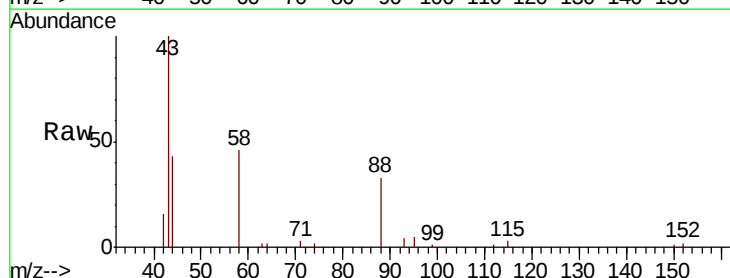
Tgt Ion: 88 Resp: 1771

Ion Ratio Lower Upper

88 100

58 94.7 62.5 93.7#

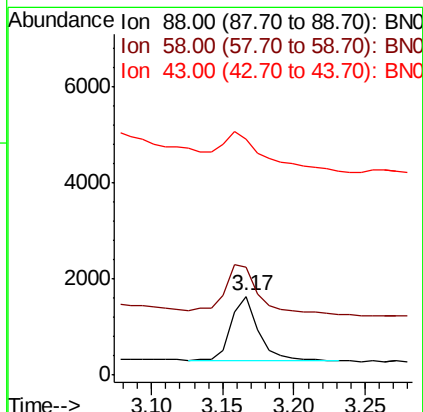
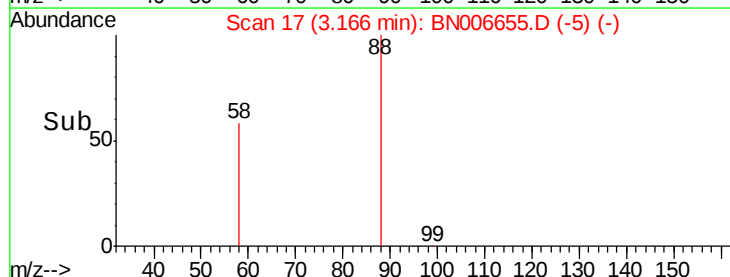
43 87.6 25.4 38.0#

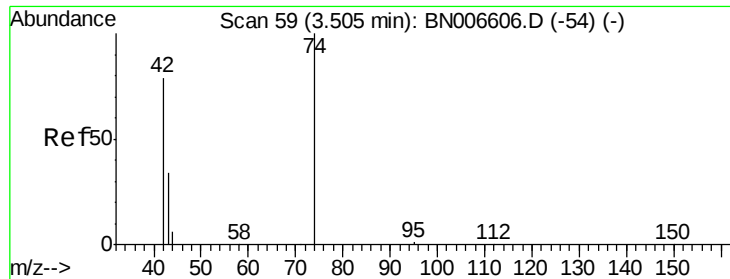


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.404 ng

RT: 3.48 min Scan# 56

Delta R.T. -0.02 min

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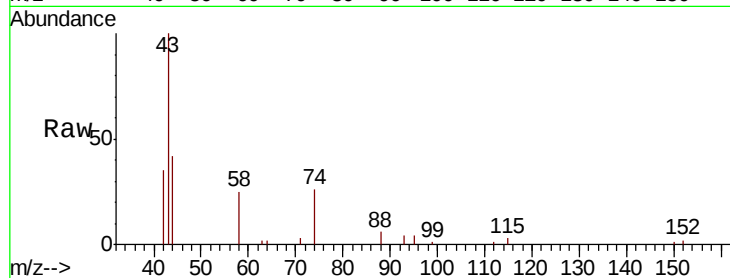
Tgt Ion: 42 Resp: 1952

Ion Ratio Lower Upper

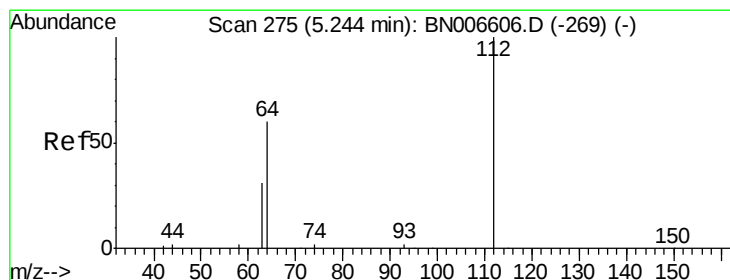
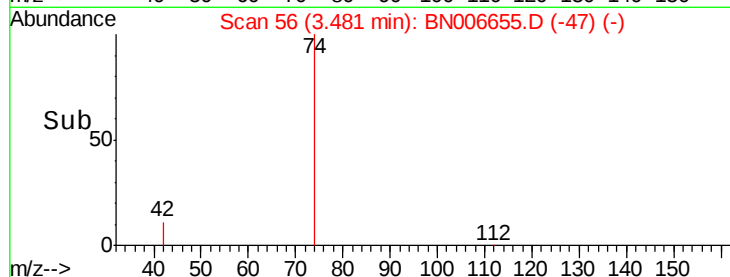
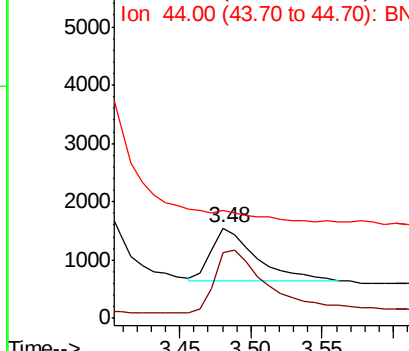
42 100

74 144.1 103.1 154.7

44 0.0 3.4 5.2#



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: 0.420 ng

RT: 5.24 min Scan# 275

Delta R.T. -0.00 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

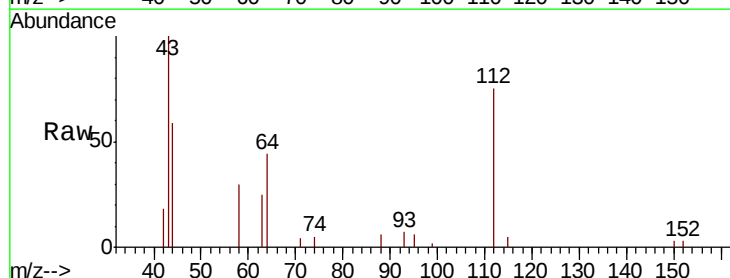
Tgt Ion: 112 Resp: 4573

Ion Ratio Lower Upper

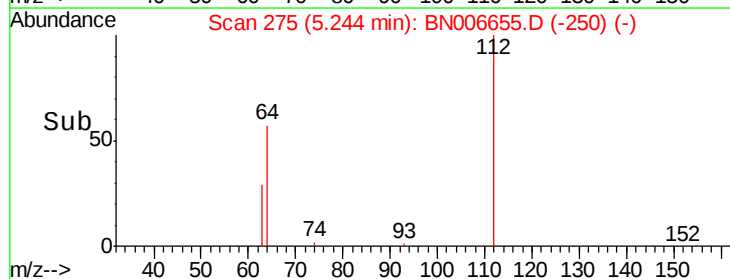
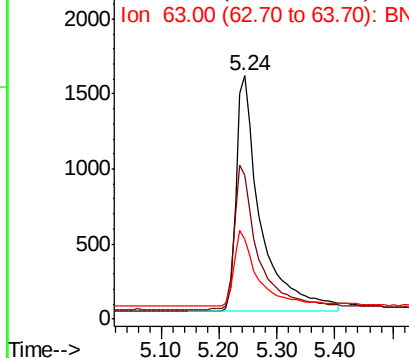
112 100

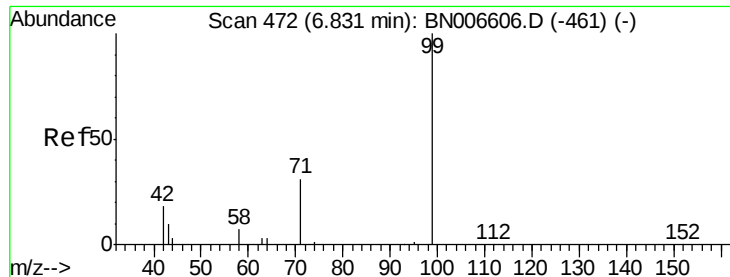
64 61.9 48.9 73.3

63 31.8 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.454 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

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PST-013-B213-062019MSD

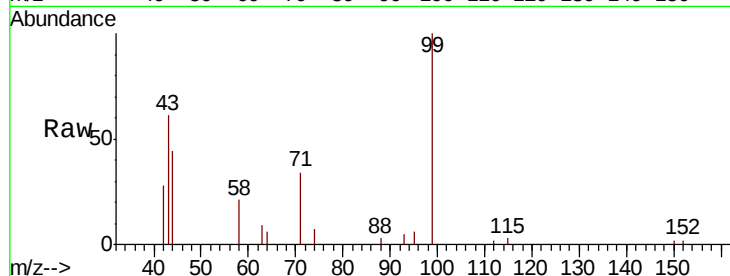
Tgt Ion: 99 Resp: 6552

Ion Ratio Lower Upper

99 100

42 24.5 16.4 24.6

71 29.2 26.6 40.0



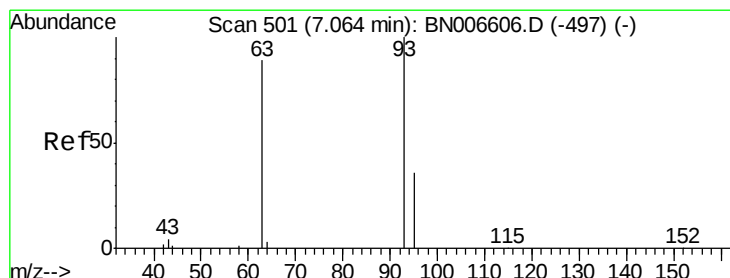
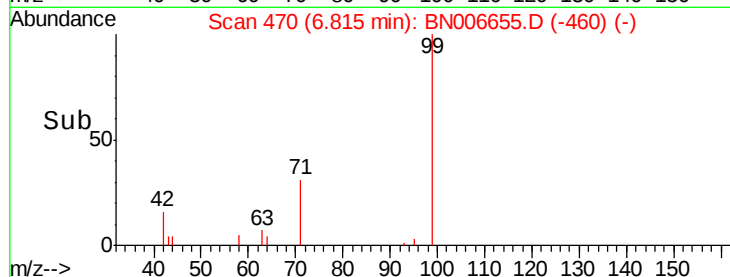
Abundance Ion 99.00 (98.70 to 99.70): BN006606.D (-461) (-)

Ion 42.00 (41.70 to 42.70): BN006606.D (-461) (-)

Ion 71.00 (70.70 to 71.70): BN006606.D (-461) (-)

6.81

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.366 ng

RT: 7.06 min Scan# 500

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

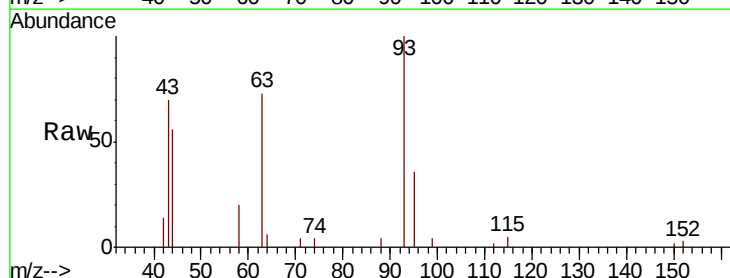
Tgt Ion: 93 Resp: 4714

Ion Ratio Lower Upper

93 100

63 78.7 52.5 78.7#

95 32.8 24.2 36.4



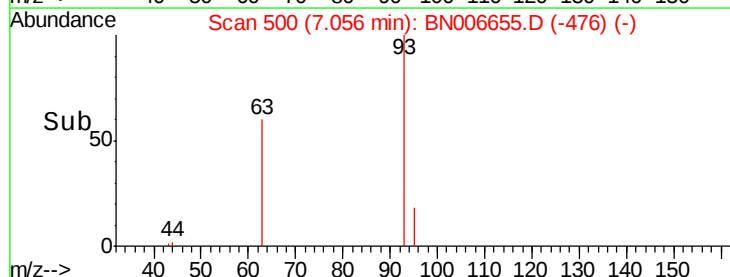
Abundance Ion 93.00 (92.70 to 93.70): BN006606.D (-497) (-)

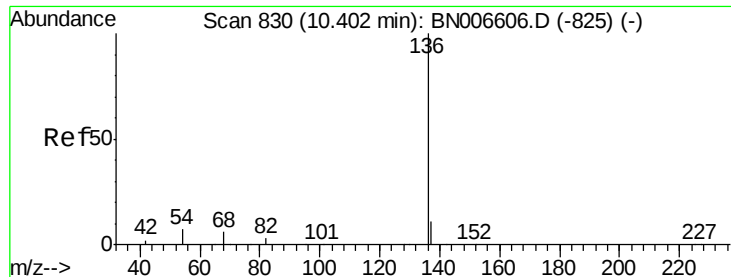
Ion 63.00 (62.70 to 63.70): BN006606.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN006606.D (-497) (-)

7.06

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

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PST-013-B213-062019MSD

Tgt Ion:136 Resp: 17512

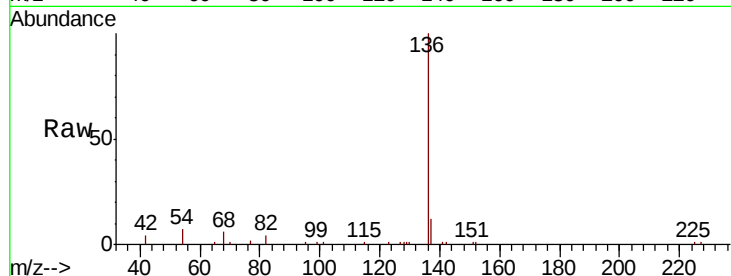
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 6.7 6.7 10.1

68 5.7 5.3 7.9

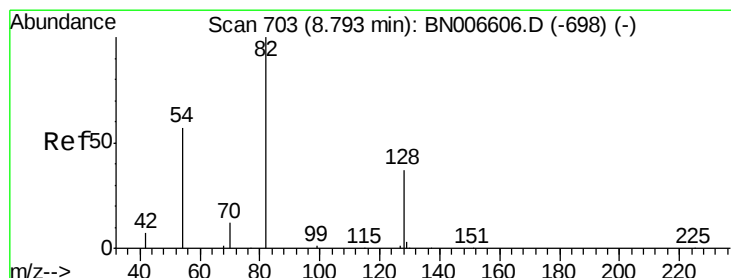
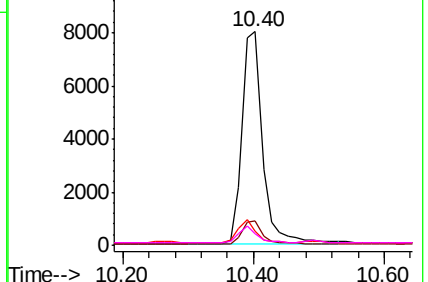
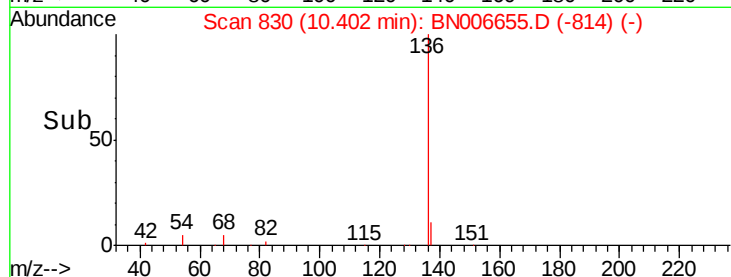


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.386 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

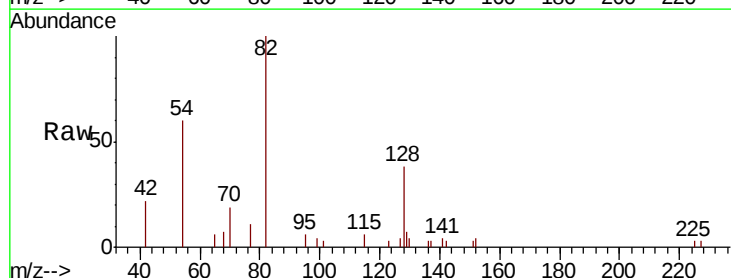
Tgt Ion: 82 Resp: 4547

Ion Ratio Lower Upper

82 100

128 38.0 32.6 49.0

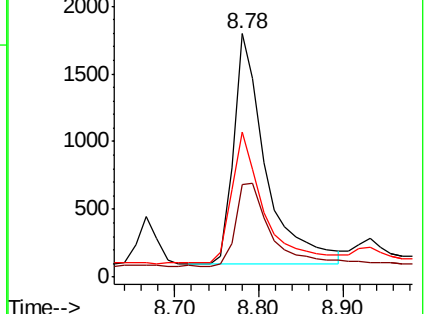
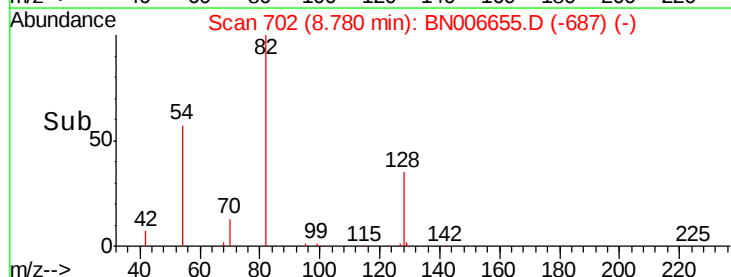
54 59.8 48.2 72.4

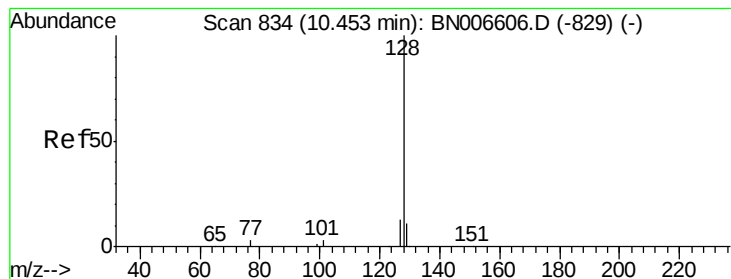


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.439 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.01 min

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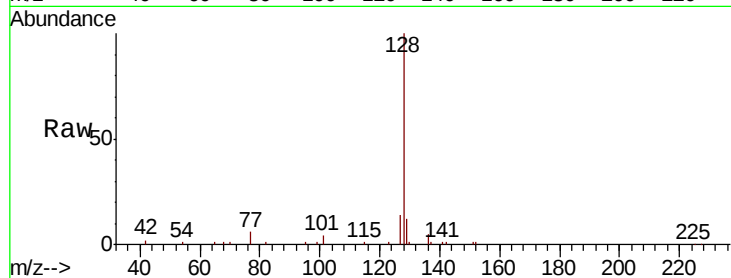
Tgt Ion:128 Resp: 20204

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

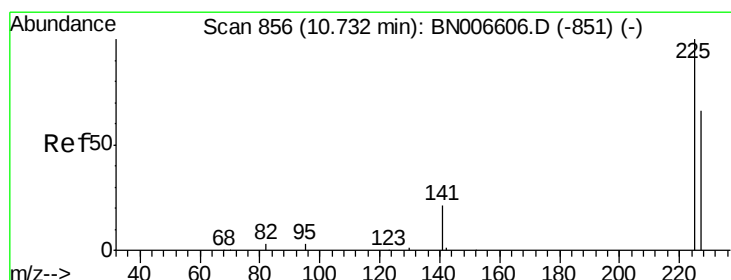
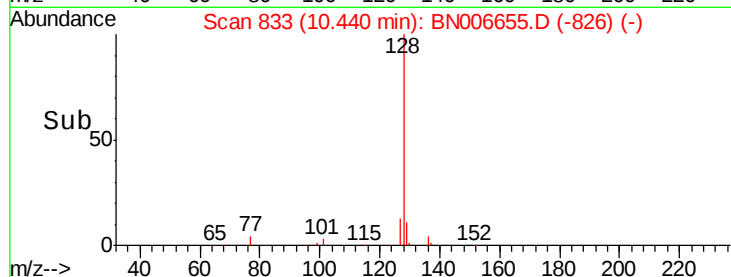
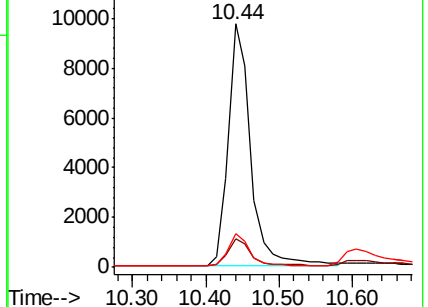
127 13.6 10.8 16.2



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: 0.350 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

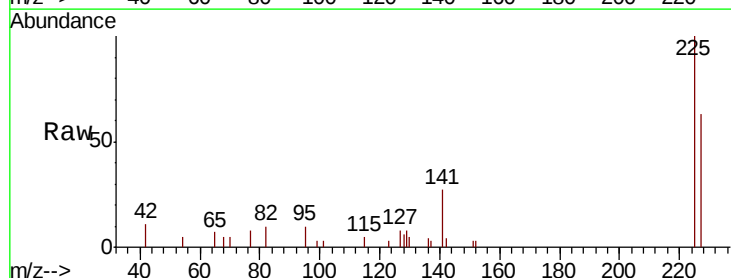
Tgt Ion:225 Resp: 3309

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

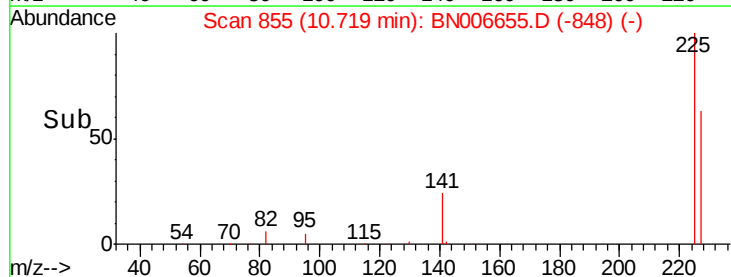
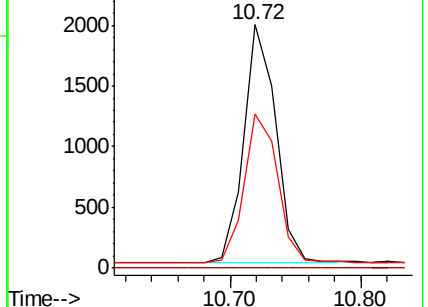
227 65.2 51.4 77.2

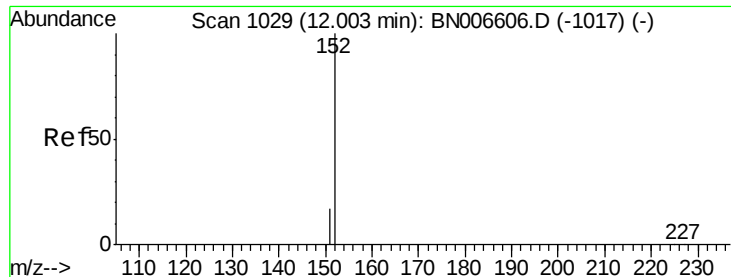


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

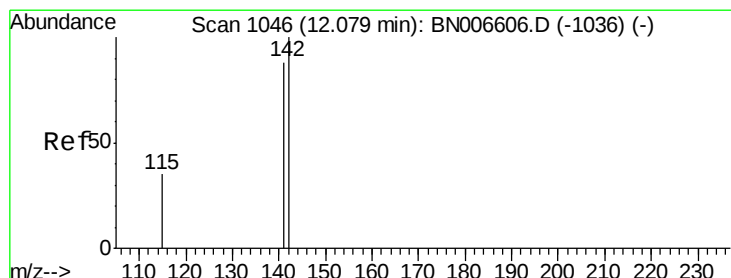
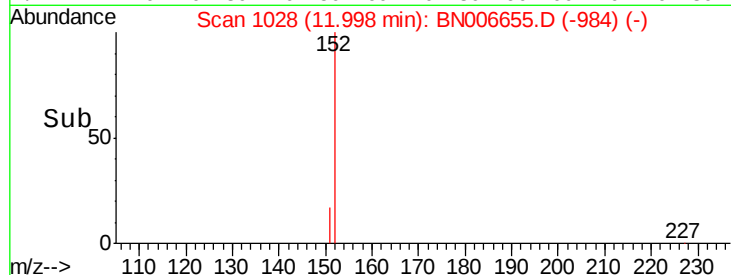
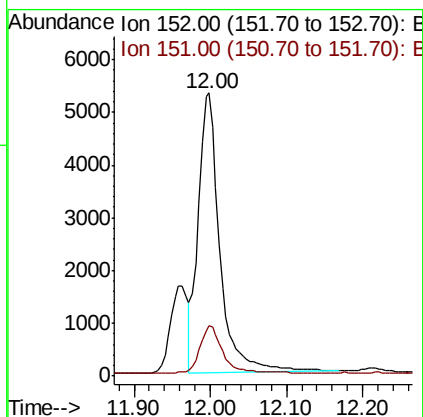
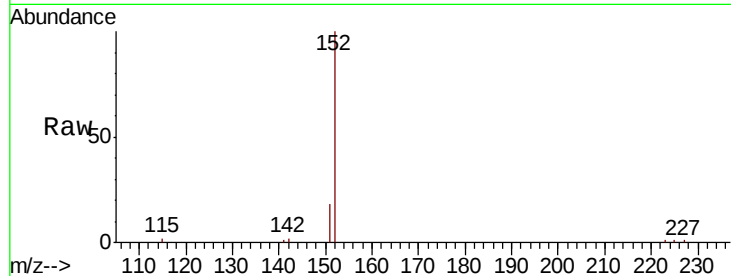




#11
 2-Methylnaphthalene-d10
 Concen: 0.379 ng
 RT: 12.00 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BN006655.D
 Acq: 01 Jul 2019 10:22

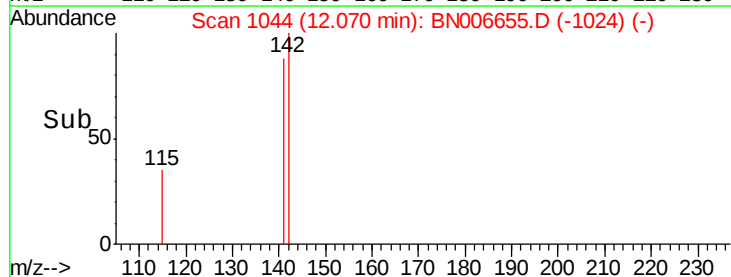
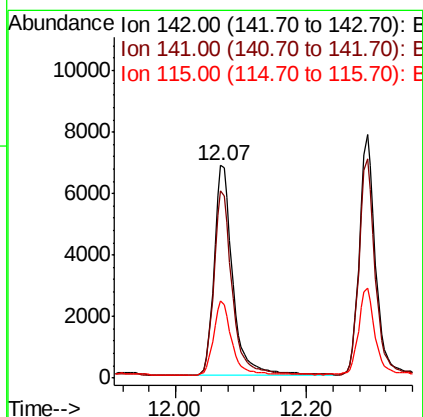
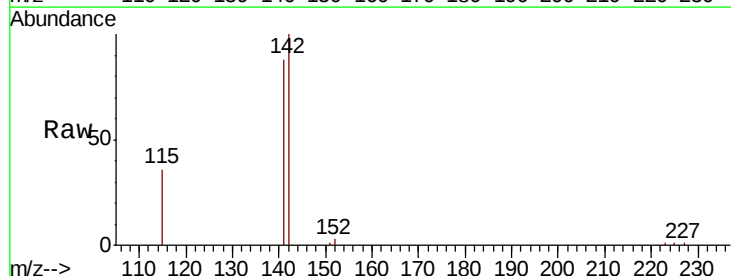
Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B213-062019MSD

Tgt Ion:152 Resp: 10450
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.425 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BN006655.D
 Acq: 01 Jul 2019 10:22

Tgt Ion:142 Resp: 13511
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.2 105.4
 115 36.2 28.5 42.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD

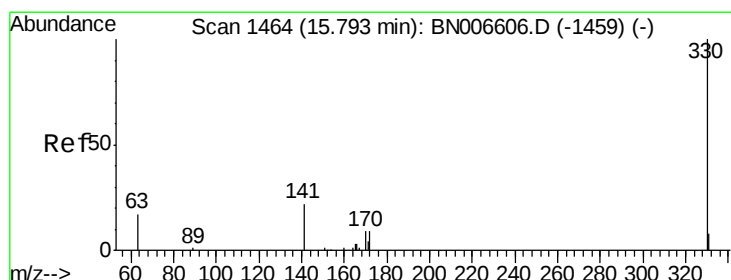
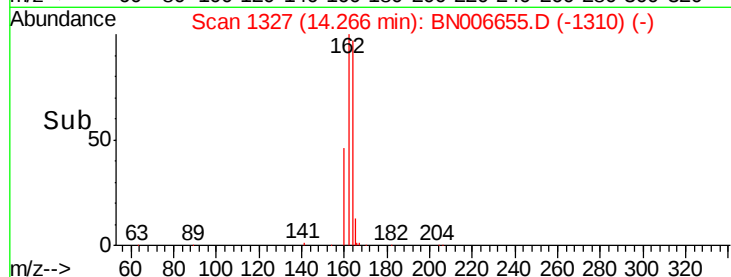
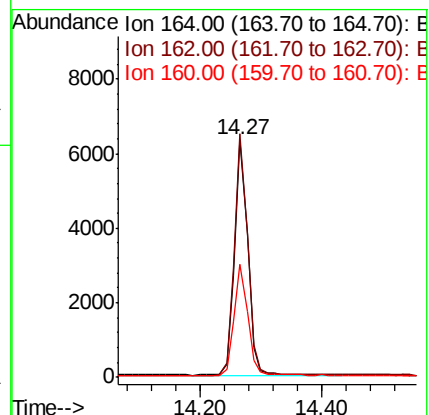
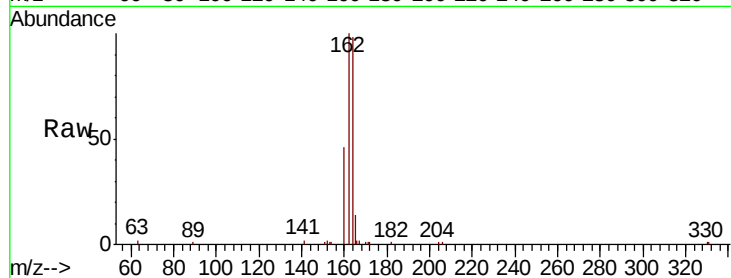
Tgt Ion:164 Resp: 9503

Ion Ratio Lower Upper

164 100

162 102.5 80.0 120.0

160 47.7 37.0 55.4



#14

2,4,6-Tribromophenol

Concen: 0.375 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

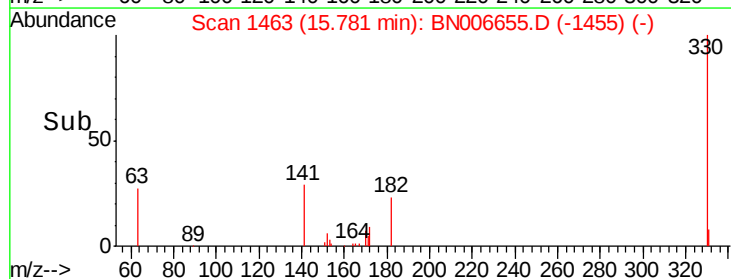
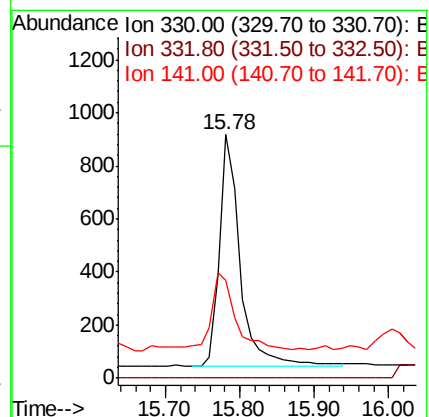
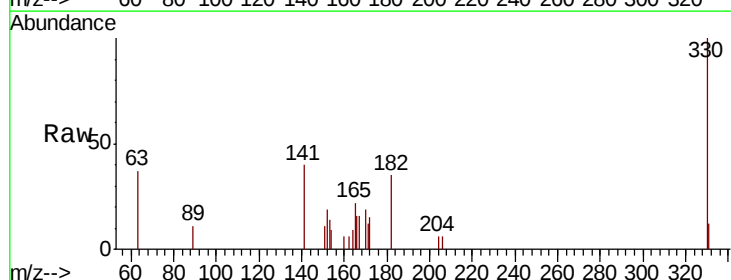
Tgt Ion:330 Resp: 1678

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 37.4 26.5 39.7





#15

2-Fluorobiphenyl

Concen: 0.381 ng

RT: 12.88 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD

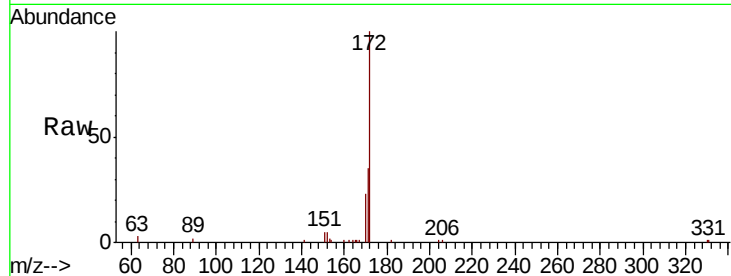
Tgt Ion:172 Resp: 13420

Ion Ratio Lower Upper

172 100

171 35.3 27.0 40.4

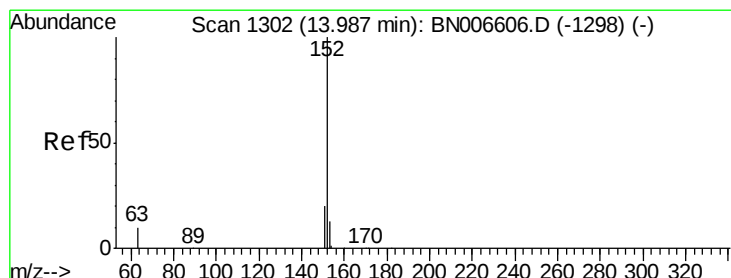
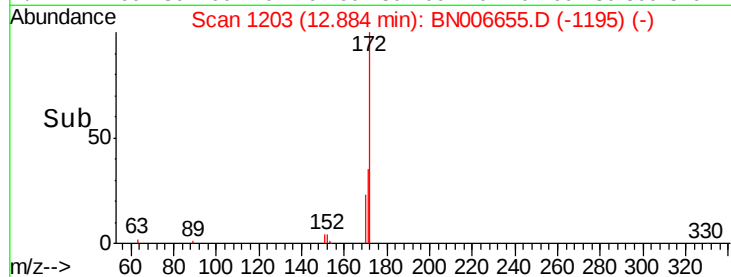
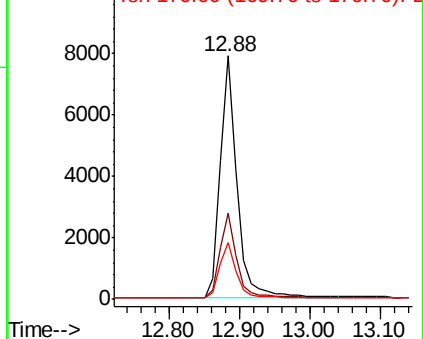
170 23.4 17.7 26.5



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: 0.657 ng

RT: 13.99 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

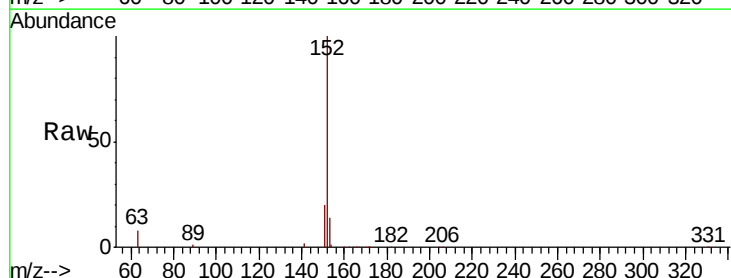
Tgt Ion:152 Resp: 29754

Ion Ratio Lower Upper

152 100

151 19.7 15.6 23.4

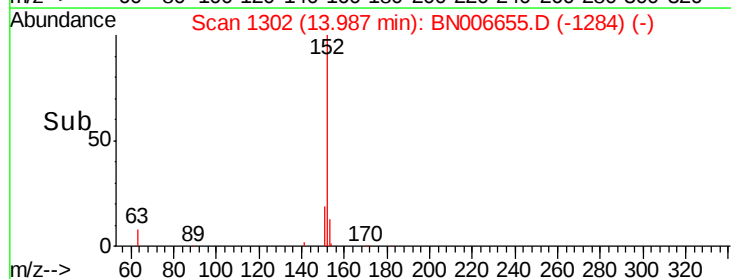
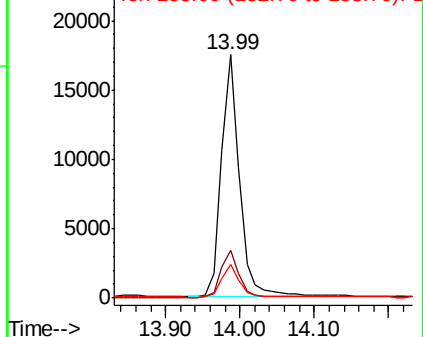
153 13.3 10.5 15.7

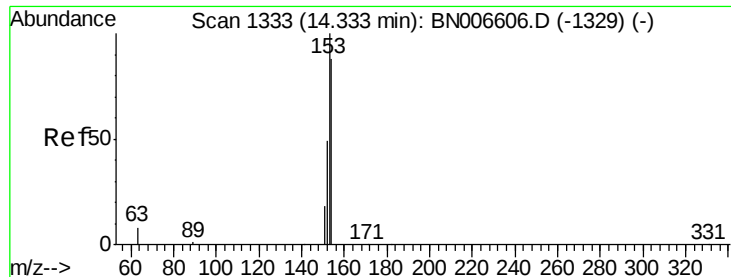


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD

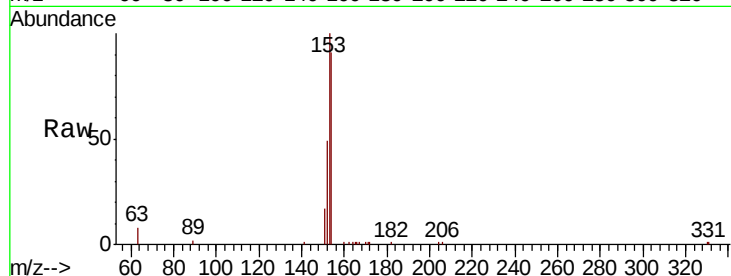
Tgt Ion:154 Resp: 12156

Ion Ratio Lower Upper

154 100

153 111.7 90.2 135.4

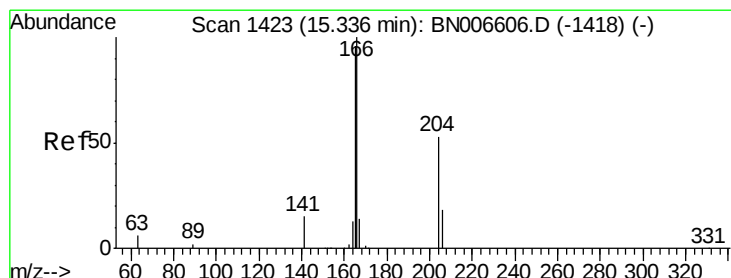
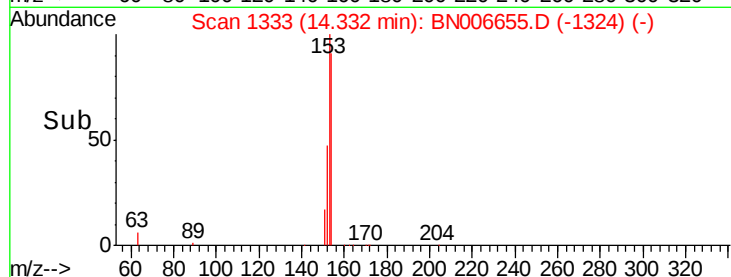
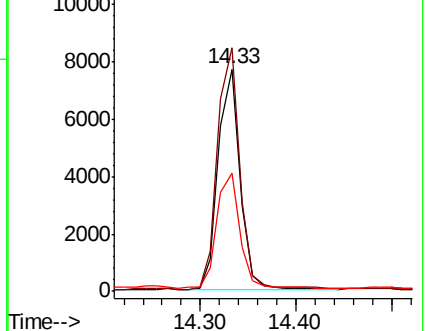
152 55.4 44.2 66.4



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: 0.425 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

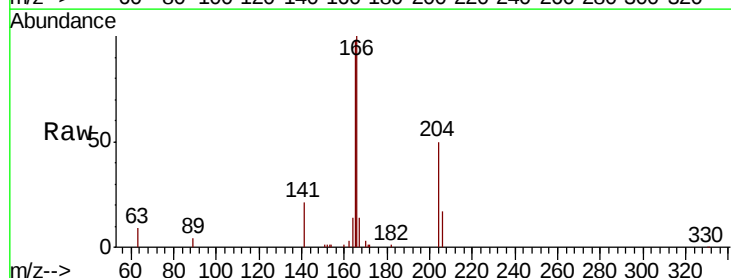
Tgt Ion:166 Resp: 16003

Ion Ratio Lower Upper

166 100

165 97.5 78.4 117.6

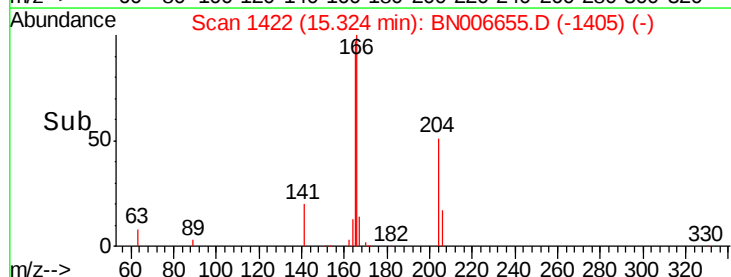
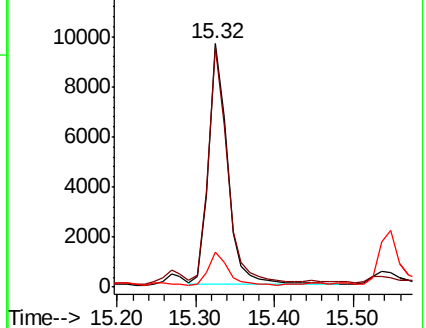
167 14.0 10.8 16.2

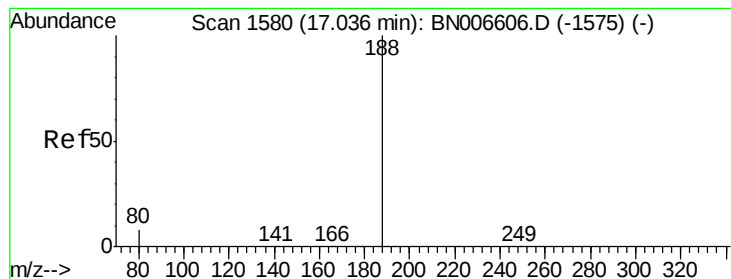


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD

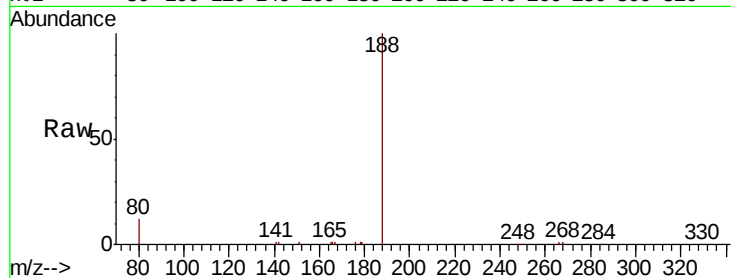
Tgt Ion:188 Resp: 21018

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

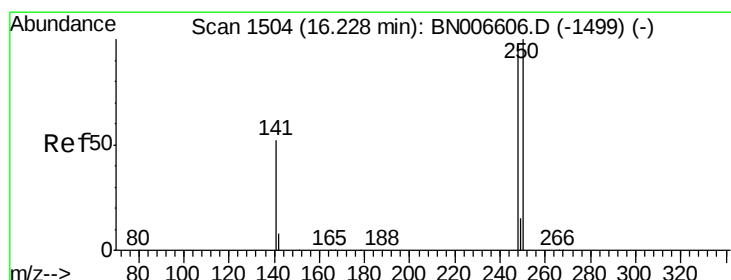
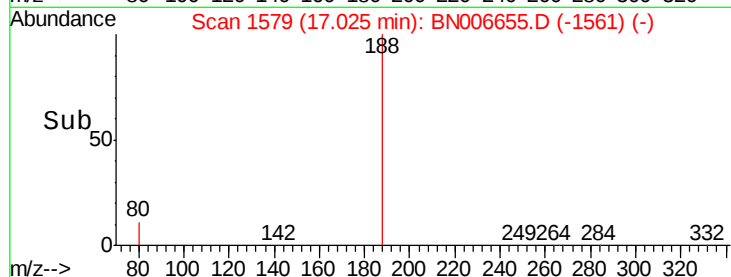
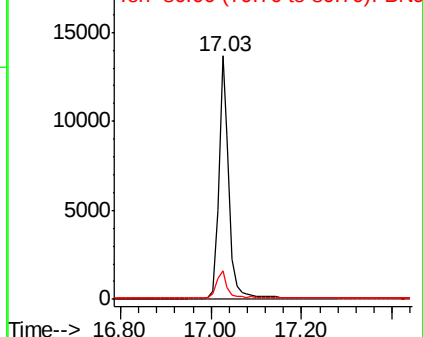
80 11.6 7.1 10.7#



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: 0.383 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

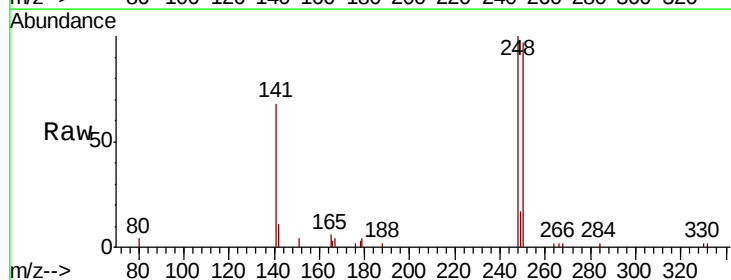
Tgt Ion:248 Resp: 4456

Ion Ratio Lower Upper

248 100

250 97.2 82.2 123.4

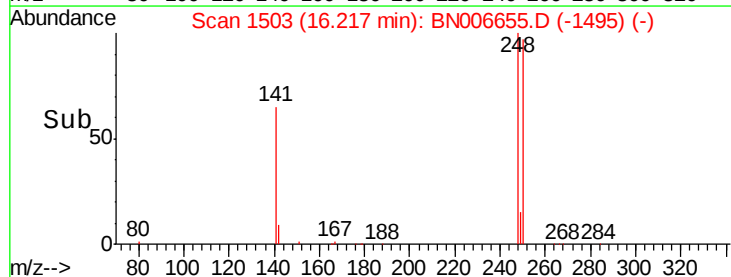
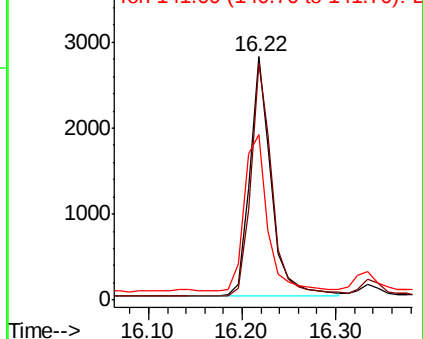
141 68.2 43.8 65.8#

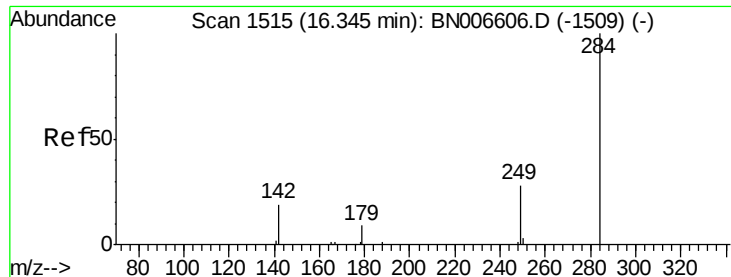


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.350 ng

RT: 16.33 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

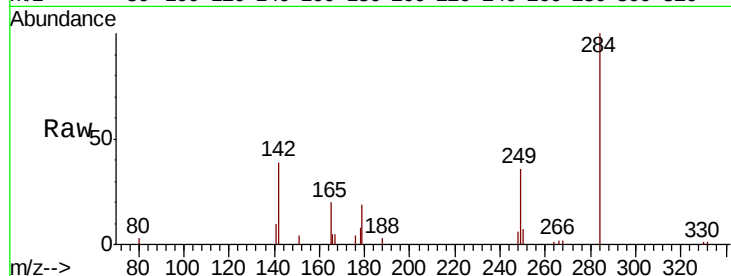
Instrument :

BNA_N

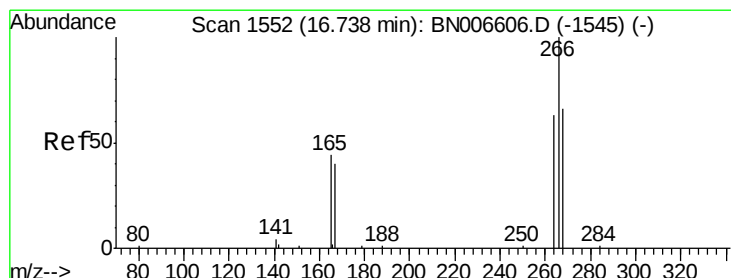
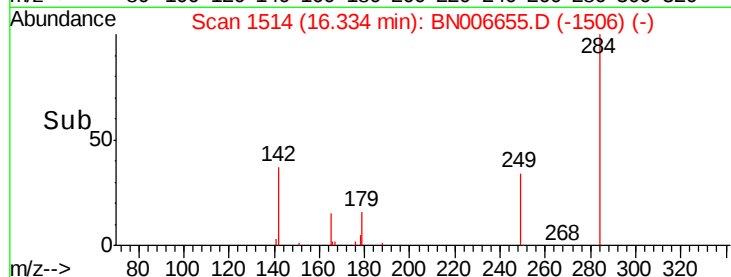
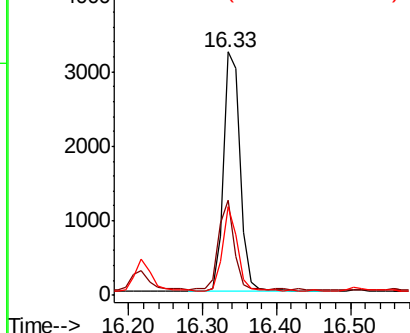
ClientSampleId :

PST-013-B213-062019MSD

Tgt Ion:	284	Resp:	5152
Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.5	41.3
249	31.1	24.7	37.1



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: 0.328 ng

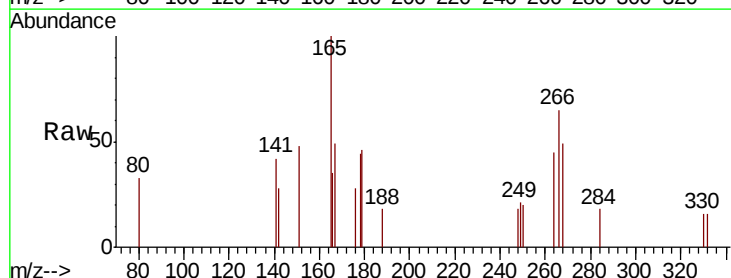
RT: 16.72 min Scan# 1550

Delta R.T. -0.02 min

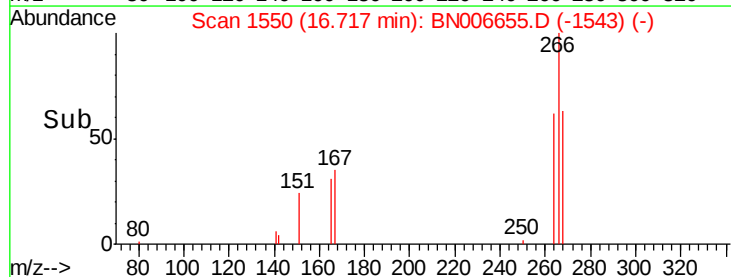
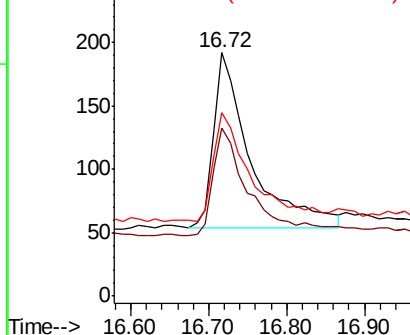
Lab File: BN006655.D

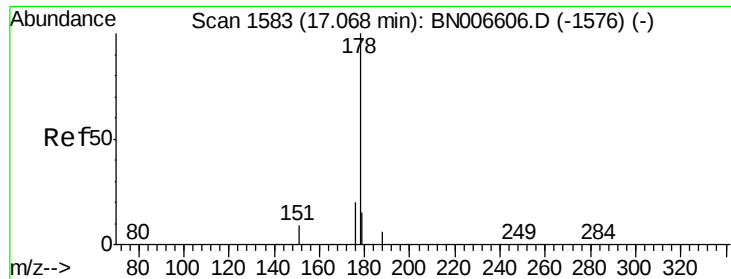
Acq: 01 Jul 2019 10:22

Tgt Ion:	266	Resp:	457
Ion	Ratio	Lower	Upper
266	100		
264	69.3	56.2	84.4
268	75.5	63.0	94.4



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: 0.910 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD

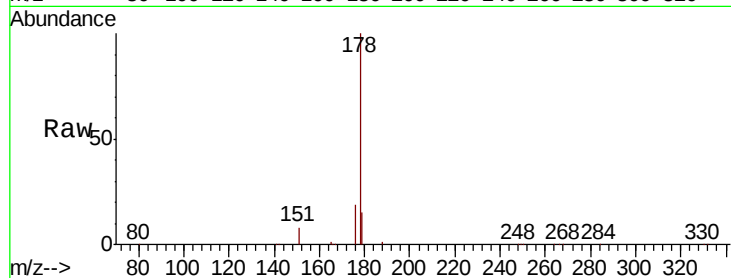
Tgt Ion:178 Resp: 54401

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.2 12.2 18.4

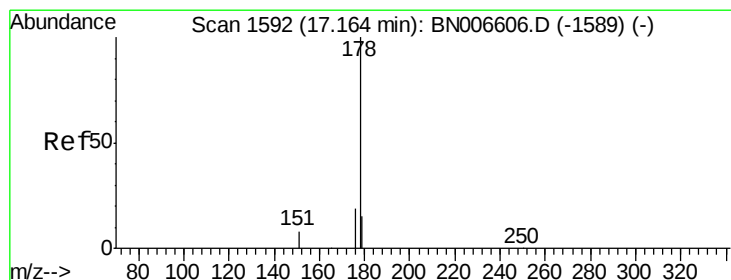
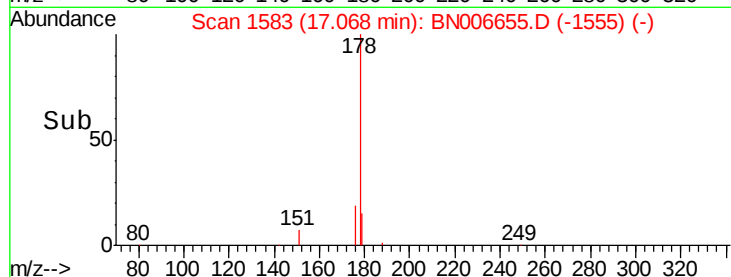
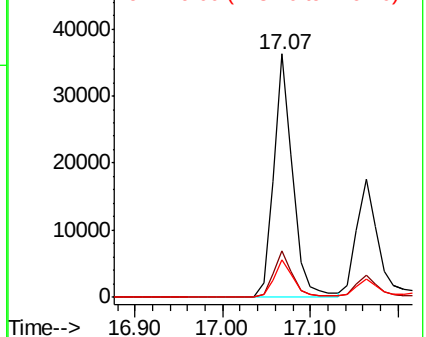


Abundance

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



#24

Anthracene

Concen: 0.552 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

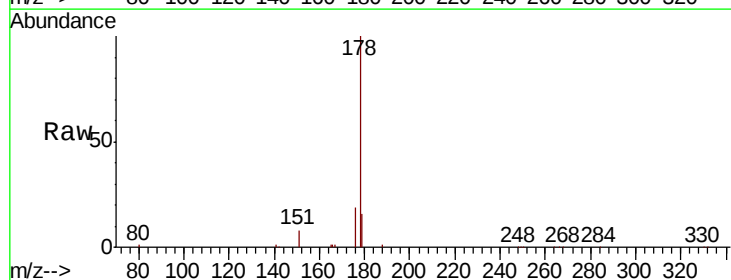
Tgt Ion:178 Resp: 28619

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 13.8 12.2 18.2

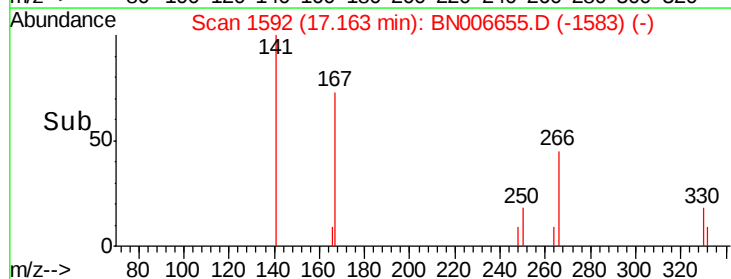
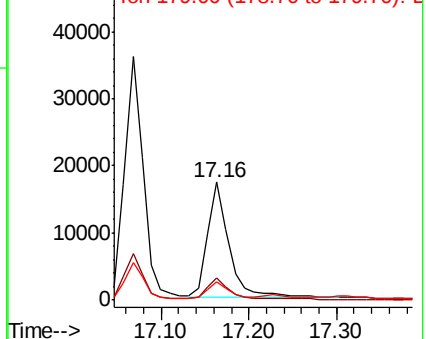


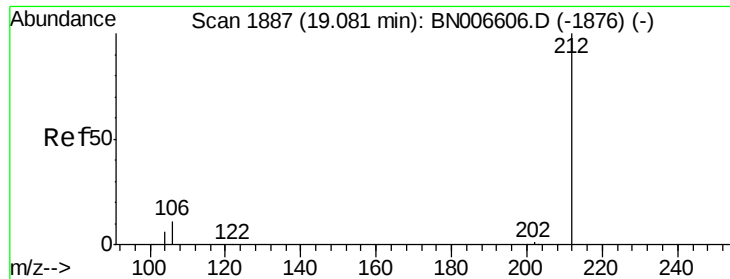
Abundance

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: 0.332 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD

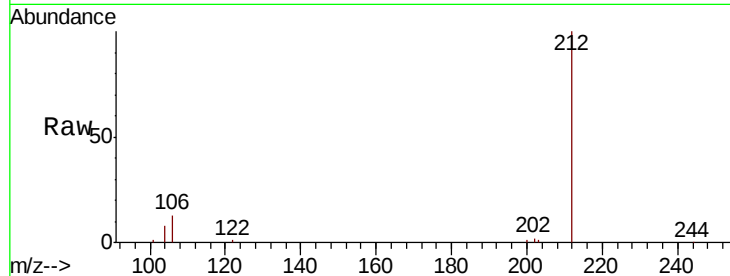
Tgt Ion:212 Resp: 20508

Ion Ratio Lower Upper

212 100

106 13.9 10.6 15.8

104 7.5 5.8 8.6

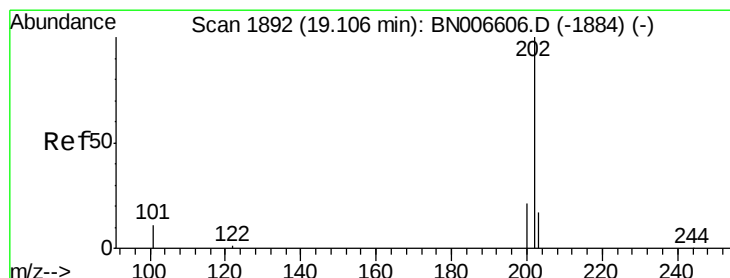
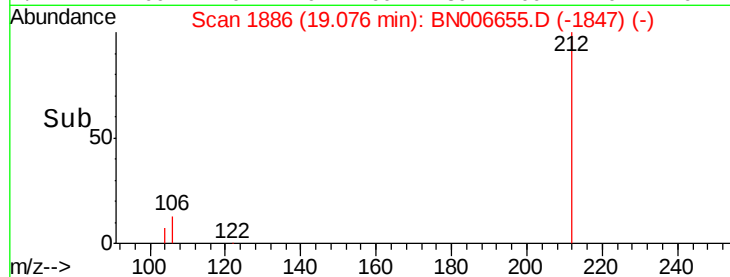
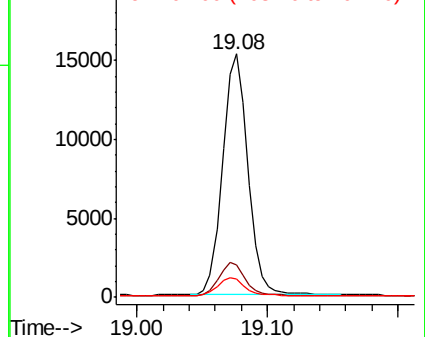


Abundance

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: 1.245 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

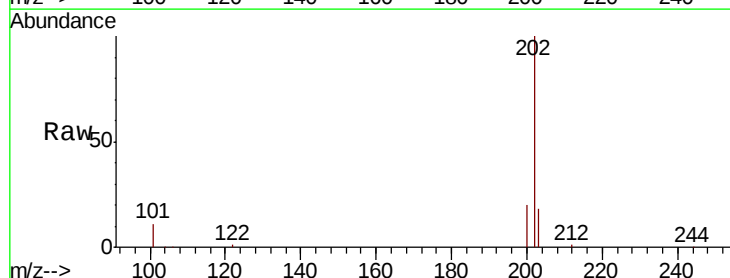
Tgt Ion:202 Resp: 90447

Ion Ratio Lower Upper

202 100

101 11.2 8.9 13.3

203 17.5 13.6 20.4

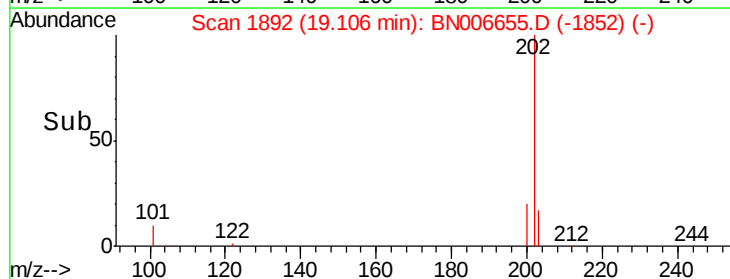
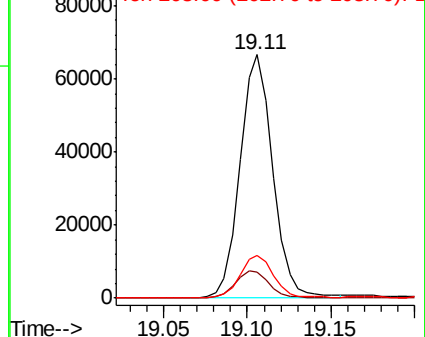


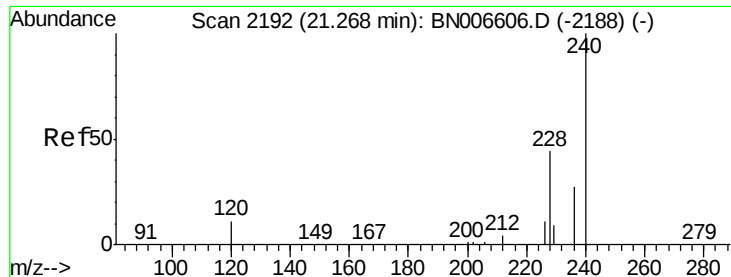
Abundance

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: 21.27 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD

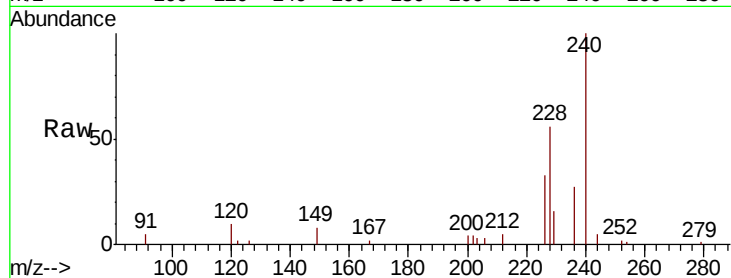
Tgt Ion:240 Resp: 18883

Ion Ratio Lower Upper

240 100

120 9.9 9.9 14.9

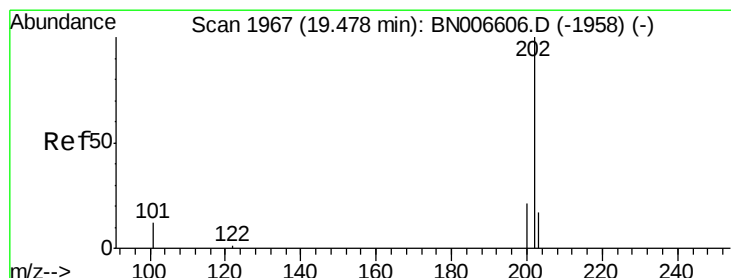
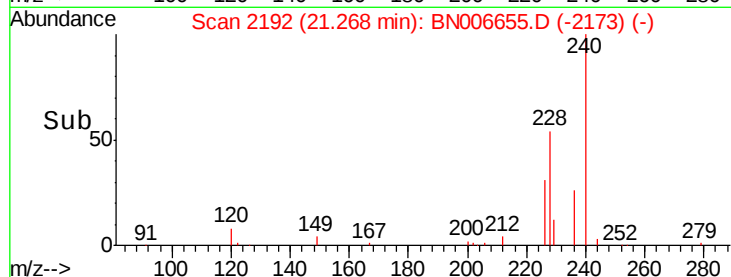
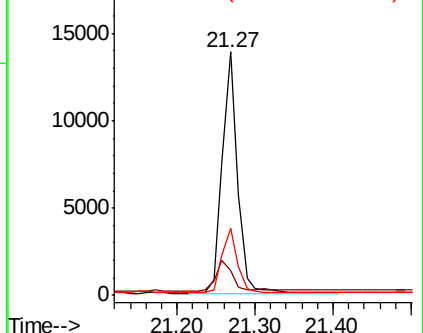
236 27.3 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.629 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

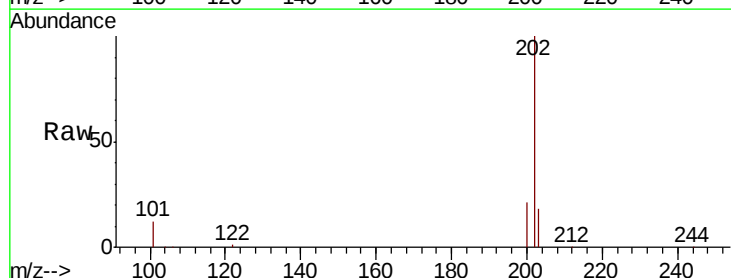
Tgt Ion:202 Resp: 107662

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

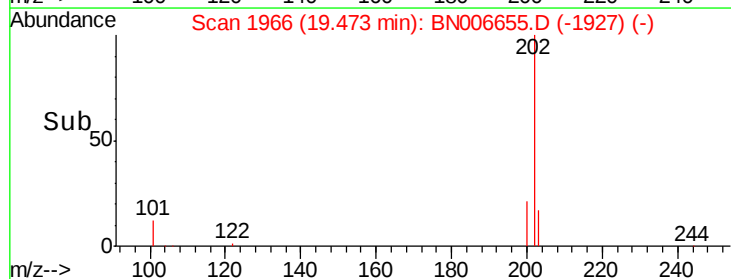
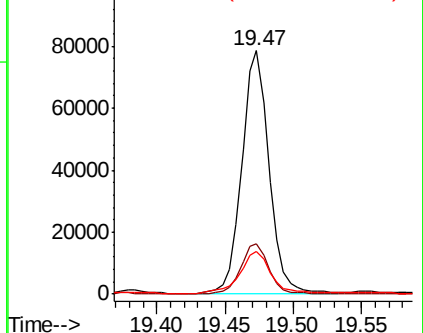
203 19.5 14.1 21.1

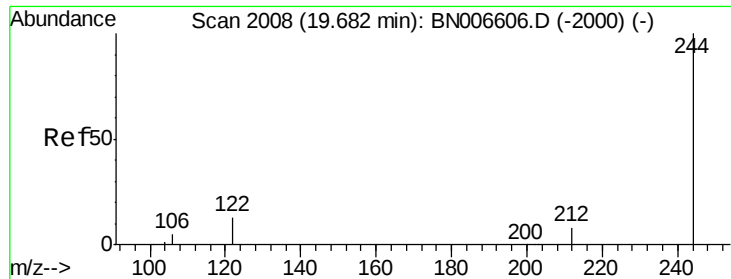


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.367 ng

RT: 19.68 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD

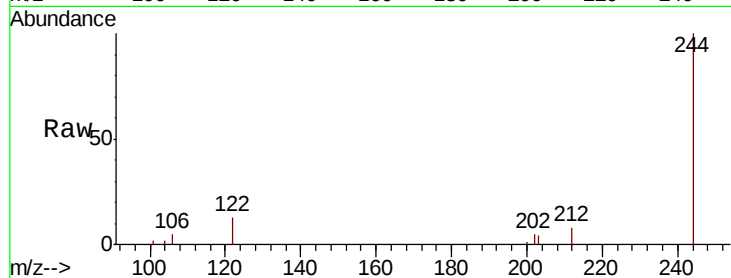
Tgt Ion:244 Resp: 14527

Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

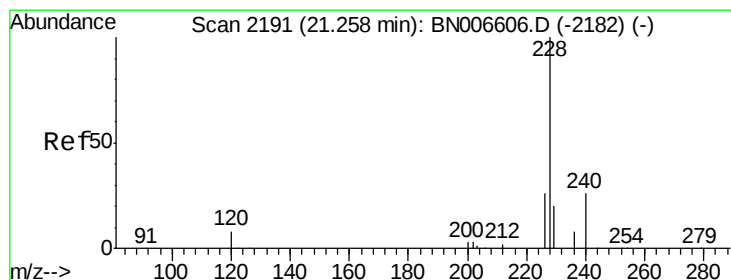
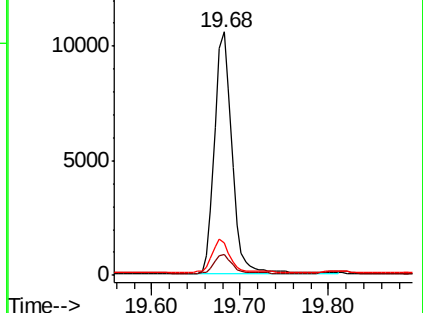
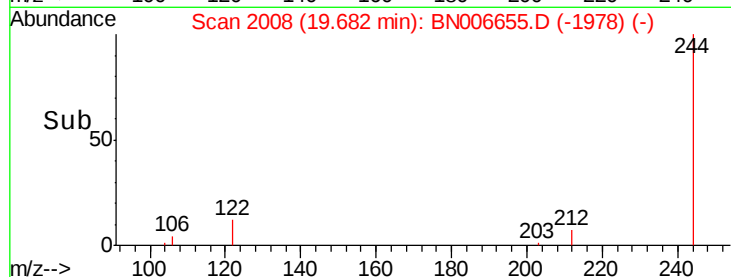
122 13.2 11.0 16.6



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: 0.977 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

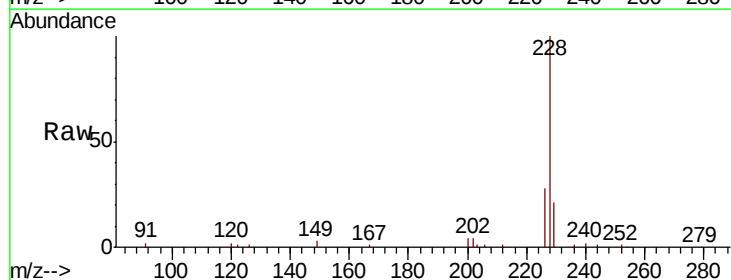
Tgt Ion:228 Resp: 60295

Ion Ratio Lower Upper

228 100

226 28.3 21.2 31.8

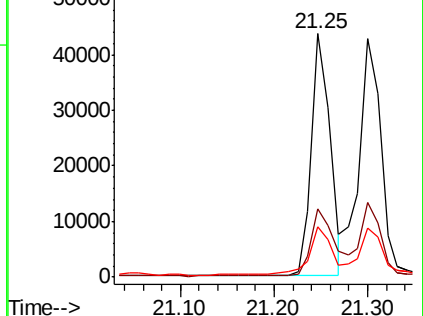
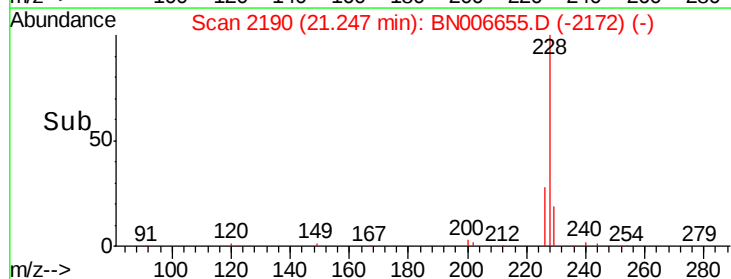
229 20.6 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.027 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD

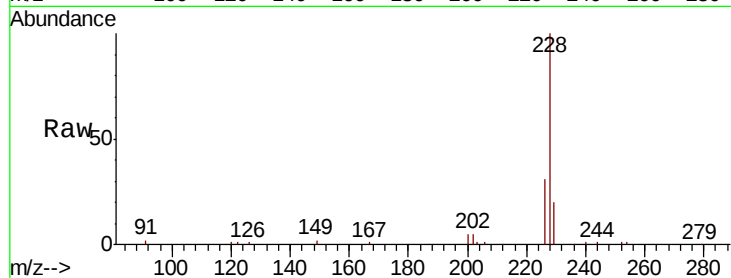
Tgt Ion:228 Resp: 68350

Ion Ratio Lower Upper

228 100

226 31.5 23.8 35.6

229 20.4 15.9 23.9

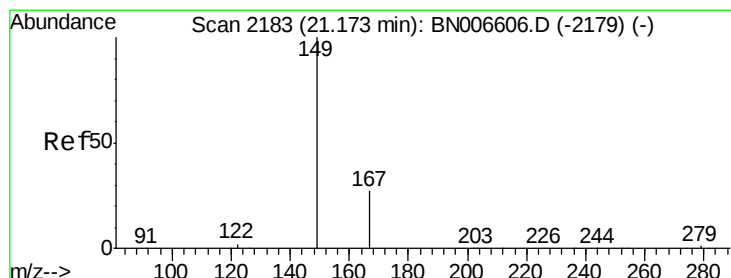
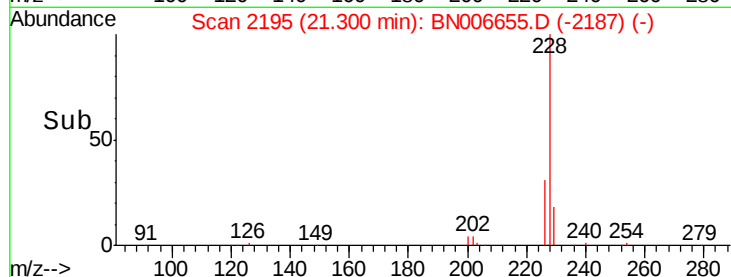
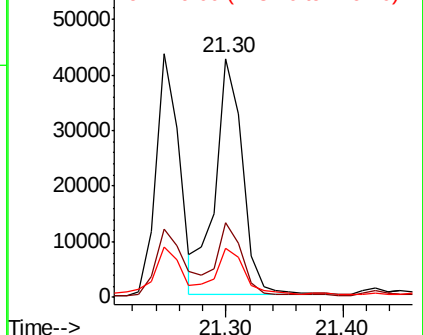


Abundance

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: 2.910 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

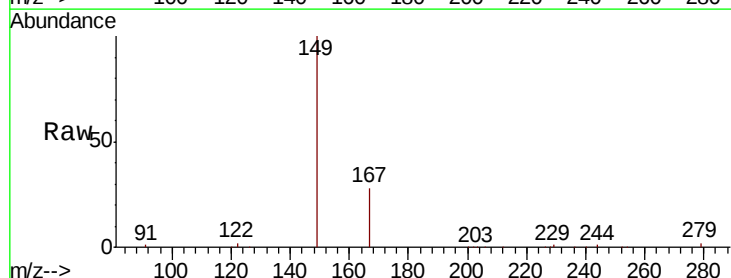
Tgt Ion:149 Resp: 90434

Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

279 3.9 3.3 4.9

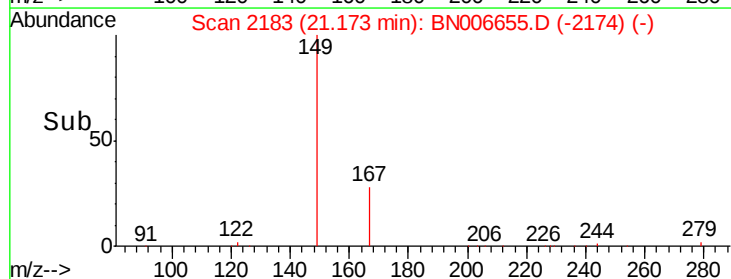
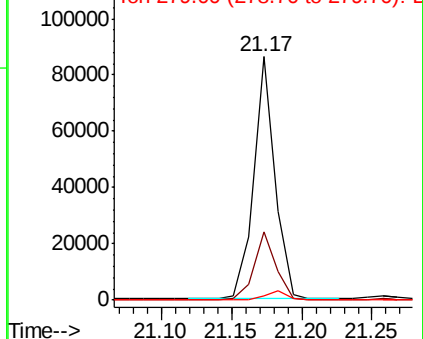


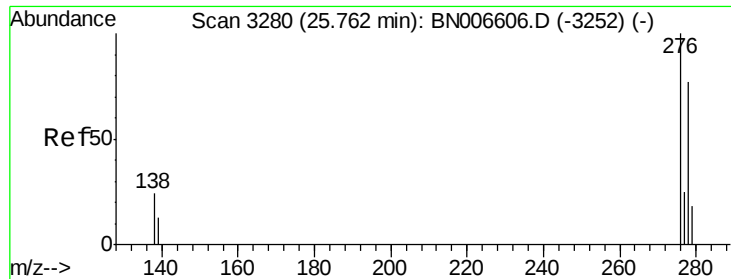
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.744 ng

RT: 25.75 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD

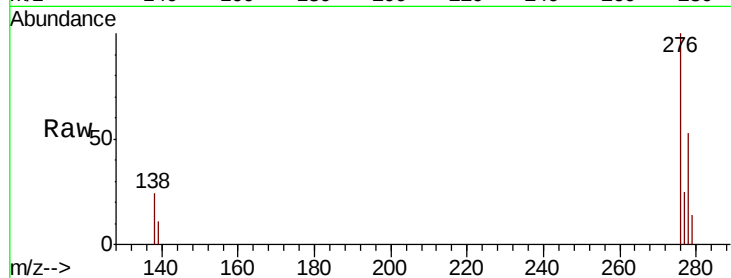
Tgt Ion: 276 Resp: 50085

Ion Ratio Lower Upper

276 100

138 23.0 19.3 28.9

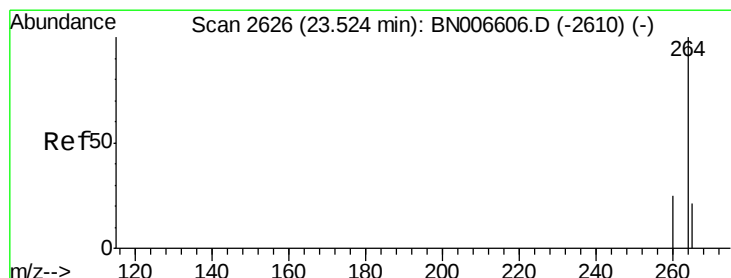
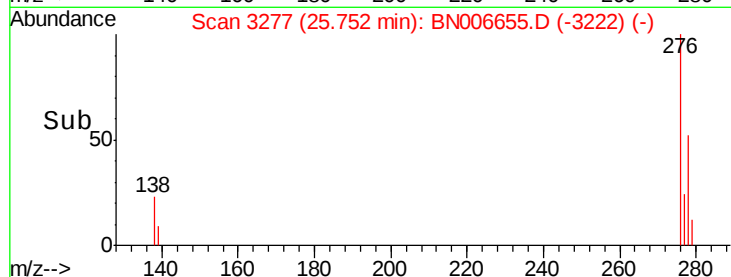
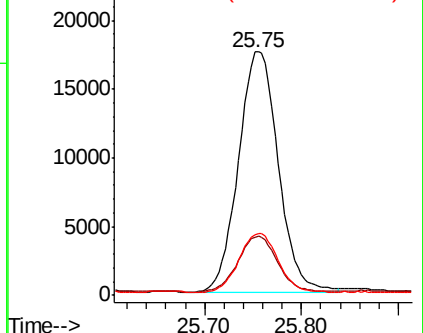
277 24.0 19.9 29.9



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: 23.52 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

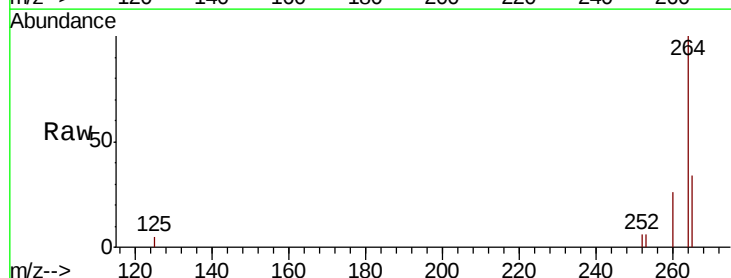
Tgt Ion: 264 Resp: 20265

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.2

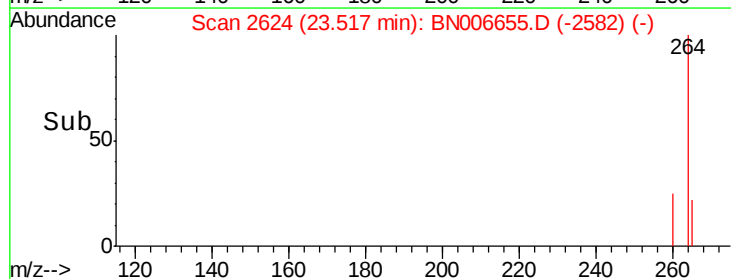
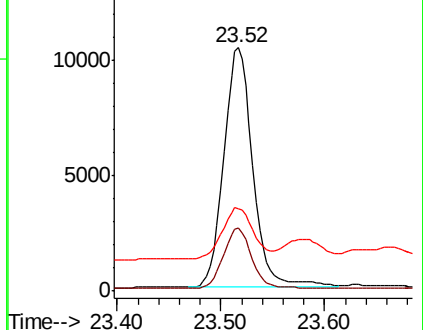
265 34.0 23.3 34.9



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

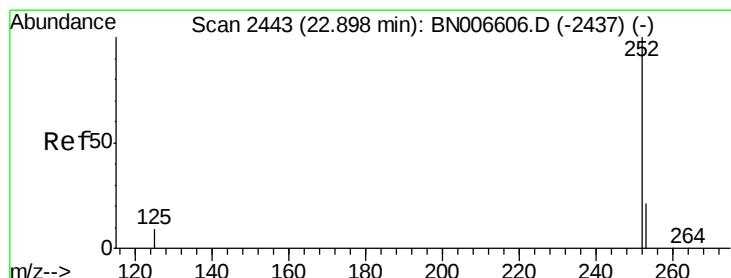
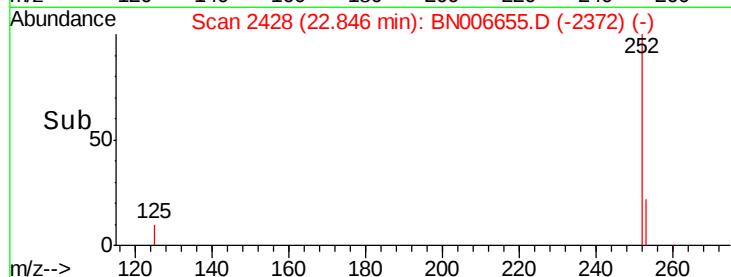
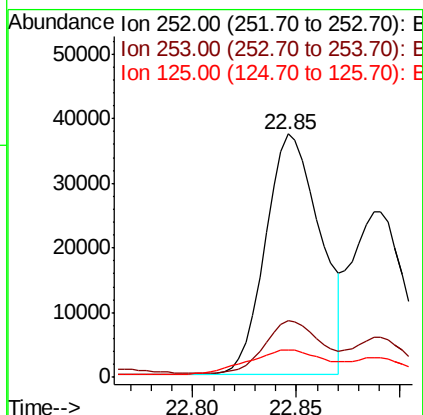
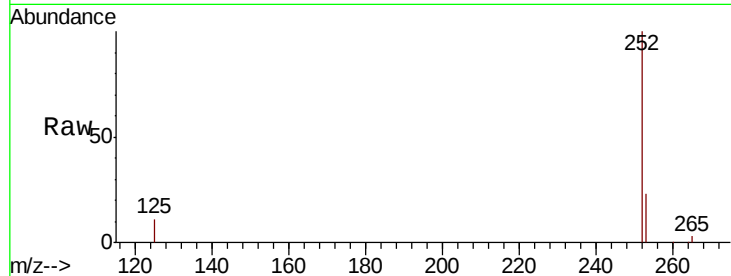




#35
Benzo(b)fluoranthene
Concen: 0.986 ng
RT: 22.85 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BN006655.D
Acq: 01 Jul 2019 10:22

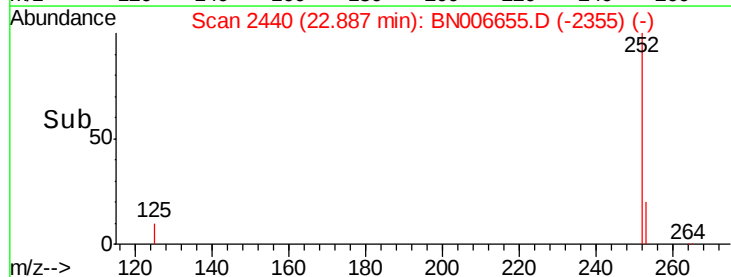
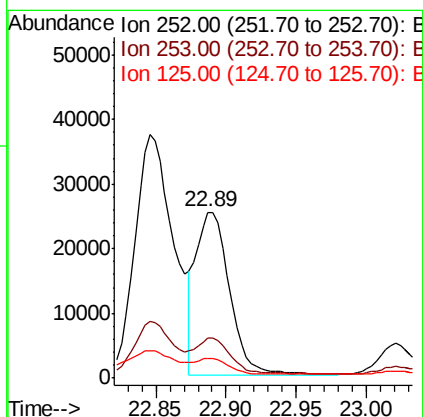
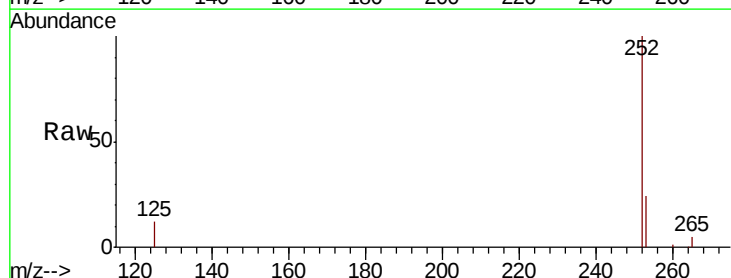
Instrument :
BNA_N
ClientSampleId :
PST-013-B213-062019MSD

Tgt Ion:252 Resp: 67951
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 11.4 8.7 13.1



#36
Benzo(k)fluoranthene
Concen: 0.574 ng
RT: 22.89 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BN006655.D
Acq: 01 Jul 2019 10:22

Tgt Ion:252 Resp: 42202
Ion Ratio Lower Upper
252 100
253 24.0 18.3 27.5
125 12.0 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.900 ng

RT: 23.42 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD

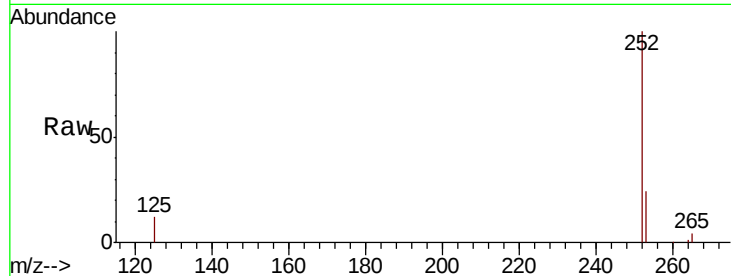
Tgt Ion:252 Resp: 58016

Ion Ratio Lower Upper

252 100

253 23.7 18.8 28.2

125 12.4 9.4 14.2

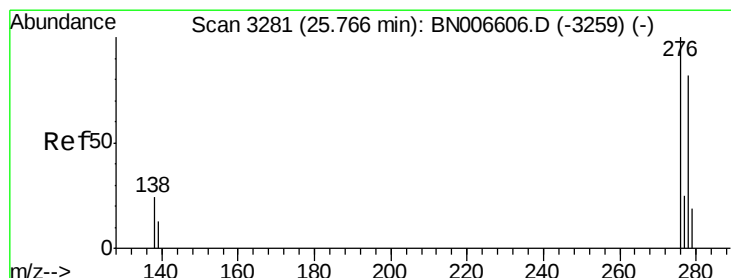
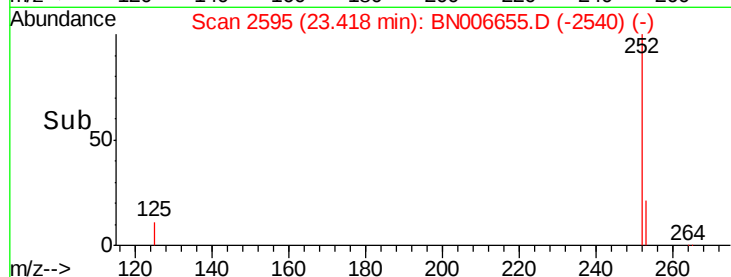
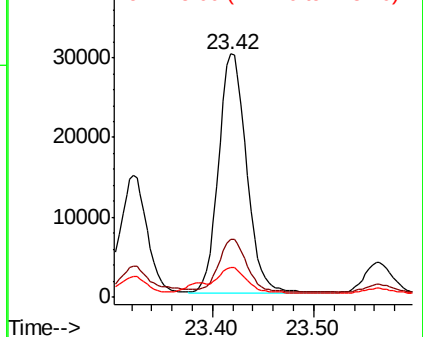


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.505 ng

RT: 25.76 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BN006655.D

Acq: 01 Jul 2019 10:22

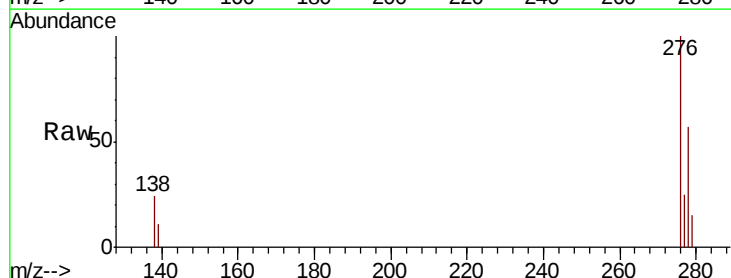
Tgt Ion:278 Resp: 28455

Ion Ratio Lower Upper

278 100

139 19.5 13.5 20.3

279 26.0 19.4 29.2

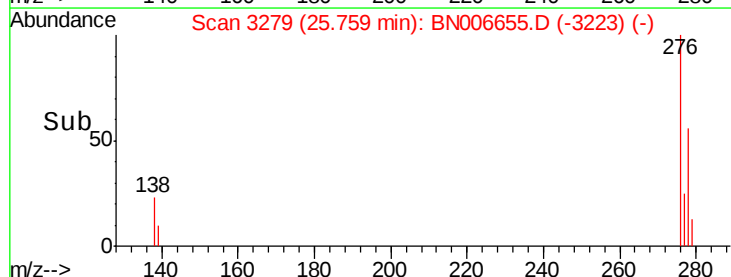
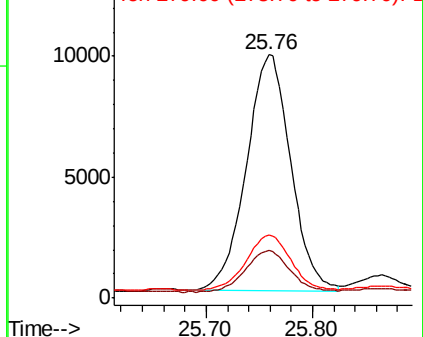


Abundance

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(g,h,i)perylene

Concen: 0.855 ng

RT: 26.44 min Scan# 3477

Delta R.T. -0.01 min

Lab File: BN006655.D

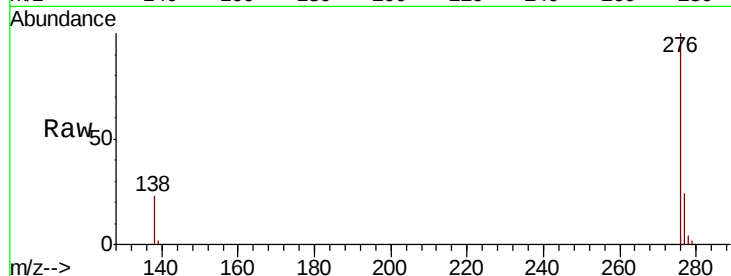
Acq: 01 Jul 2019 10:22

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MSD



Tgt Ion: 276 Resp: 48040

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 22.6 17.7 26.5

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

