

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006622.D
 Acq On : 28 Jun 2019 20:27
 Operator : HP/JU
 Sample : K3446-10MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-008-SW122-061819MS

Quant Time: Jun 29 01:12:15 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	7.63	152	3568	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	14849	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	9305	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	22648	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	23343	0.40	ng	-0.02
34) Perylene-d12	23.48	264	23520	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3094	0.35	ng	0.00
5) Phenol-d6	6.81	99	4819	0.42	ng	-0.02
8) Nitrobenzene-d5	8.79	82	3516	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	10877	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1421	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	13073	0.38	ng	-0.01
25) Fluoranthene-d10	19.07	212	25247	0.38	ng	-0.01
29) Terphenyl-d14	19.68	244	18075	0.37	ng	0.00

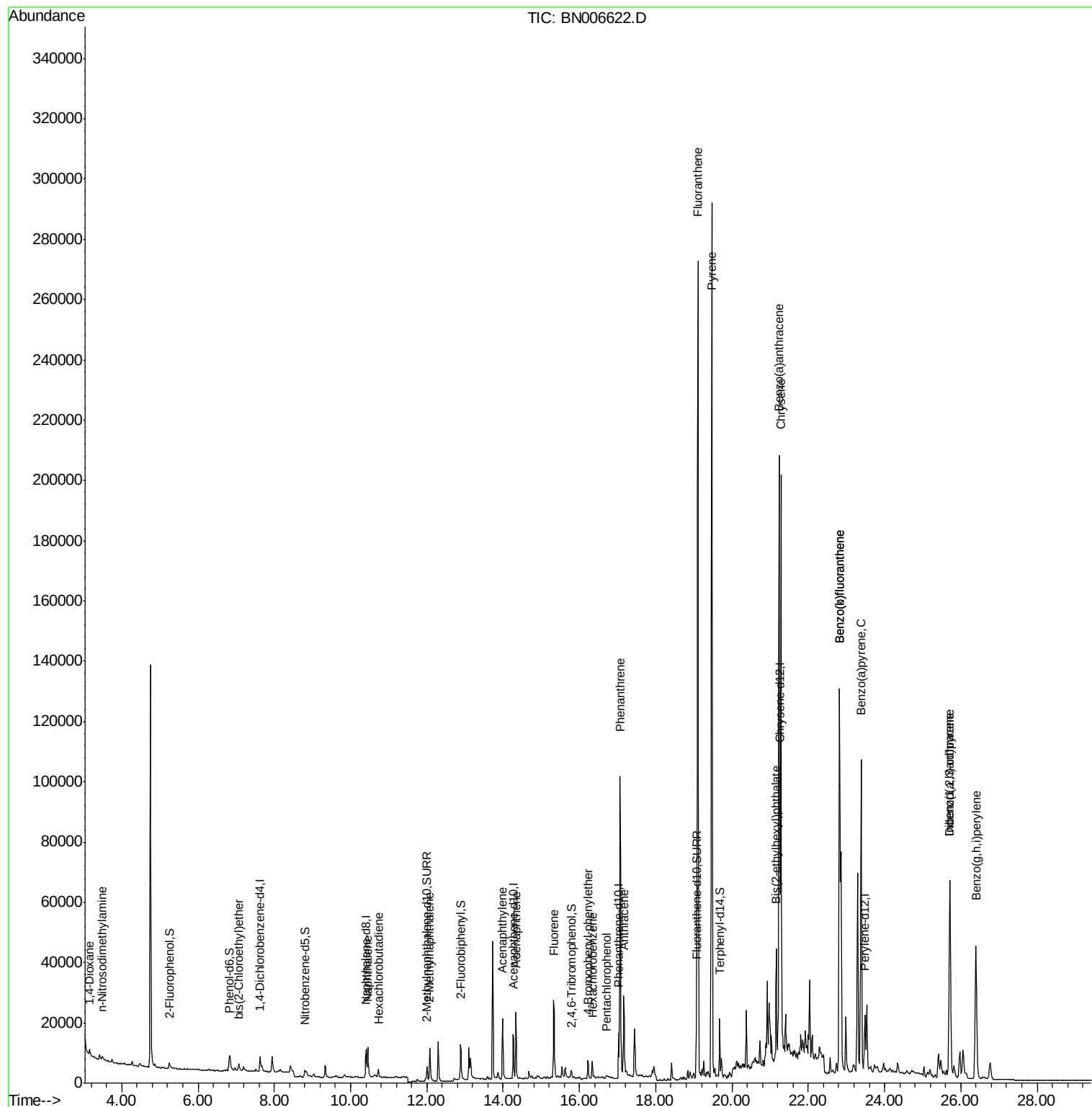
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	1181	0.239	ng	# 46
3) n-Nitrosodimethylamine	3.49	42	968	0.249	ng	# 67
6) bis(2-Chloroethyl)ether	7.06	93	3222	0.312	ng	96
9) Naphthalene	10.45	128	16038	0.411	ng	100
10) Hexachlorobutadiene	10.73	225	2284	0.285	ng	# 99
12) 2-Methylnaphthalene	12.08	142	10390	0.385	ng	100
16) Acenaphthylene	13.99	152	24358	0.549	ng	100
17) Acenaphthene	14.33	154	11206	0.383	ng	99
18) Fluorene	15.32	166	15076	0.409	ng	93
20) 4-Bromophenyl-phenylether	16.22	248	3735	0.298	ng	# 79
21) Hexachlorobenzene	16.34	284	4434	0.280	ng	100
22) Pentachlorophenol	16.72	266	913	0.444	ng	96
23) Phenanthrene	17.07	178	105982	1.646	ng	100
24) Anthracene	17.16	178	32819	0.587	ng	99
26) Fluoranthene	19.11	202	250973	3.207	ng	99
28) Pyrene	19.47	202	267804	3.279	ng	97
30) Benzo(a)anthracene	21.24	228	173873	2.278	ng	98
31) Chrysene	21.29	228	176297	2.143	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	32210	0.839	ng	100
33) Indeno(1,2,3-cd)pyrene	25.71	276	91545	1.099	ng	97
35) Benzo(b)fluoranthene	22.82	252	192961	2.412	ng	99
36) Benzo(k)fluoranthene	22.82	252	192961	2.263	ng	100
37) Benzo(a)pyrene	23.39	252	141909	1.897	ng	99
38) Dibenzo(a,h)anthracene	25.72	278	36078	0.552	ng	96
39) Benzo(g,h,i)perylene	26.40	276	86505	1.326	ng	99

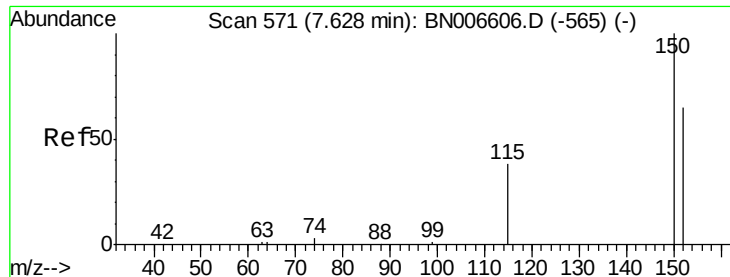
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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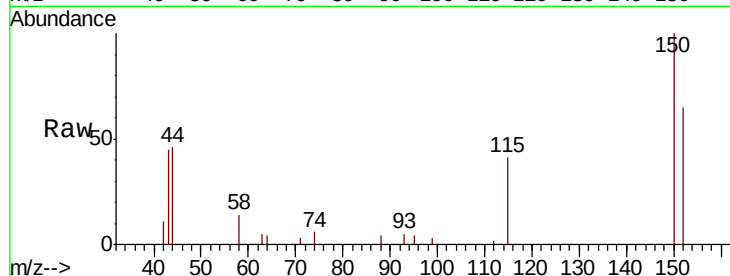


#1

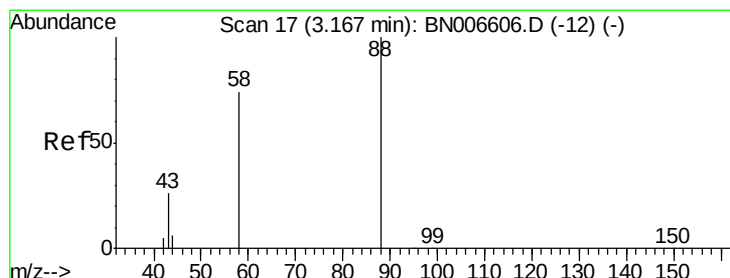
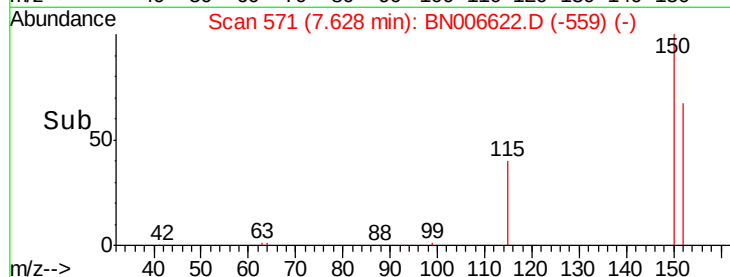
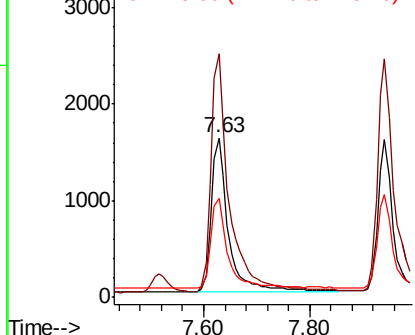
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006622.D
Acq: 28 Jun 2019 20:27

Instrument :
BNA_N
ClientSampleId :
PST-008-SW122-061819MS

Tgt Ion: 152 Resp: 3568
Ion Ratio Lower Upper
152 100
150 152.8 122.2 183.2
115 62.4 50.0 75.0



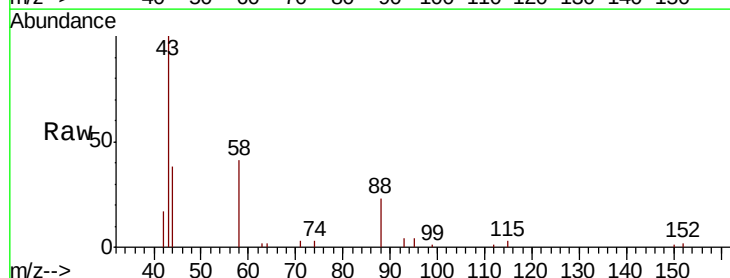
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



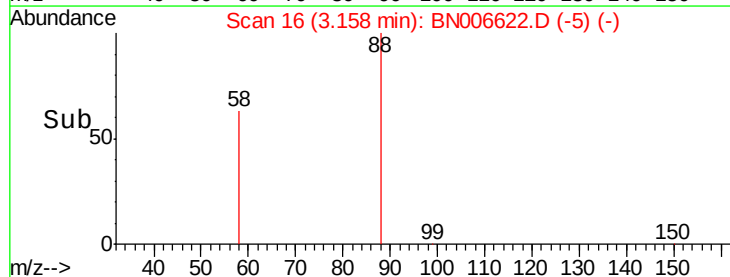
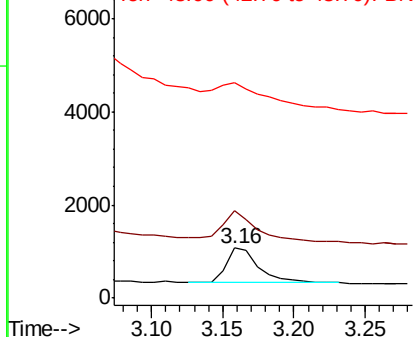
#2

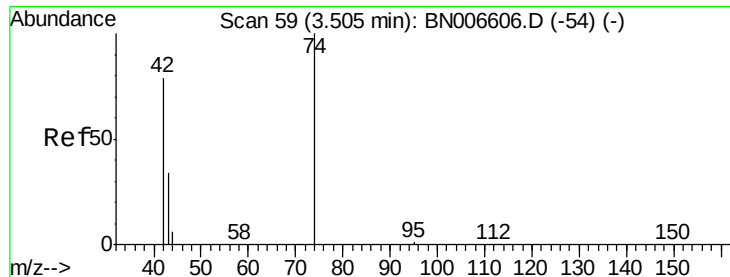
1,4-Dioxane
Concen: 0.239 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006622.D
Acq: 28 Jun 2019 20:27

Tgt Ion: 88 Resp: 1181
Ion Ratio Lower Upper
88 100
58 94.8 62.5 93.7#
43 108.3 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: 0.249 ng

RT: 3.49 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

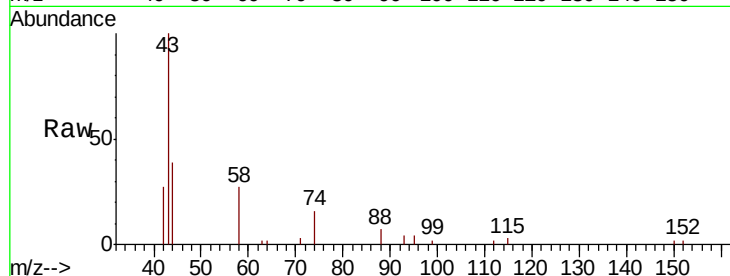
Tgt Ion: 42 Resp: 968

Ion Ratio Lower Upper

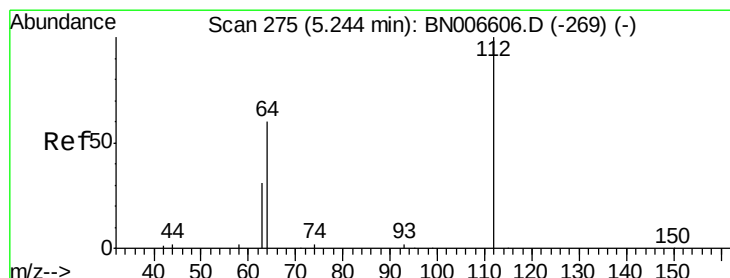
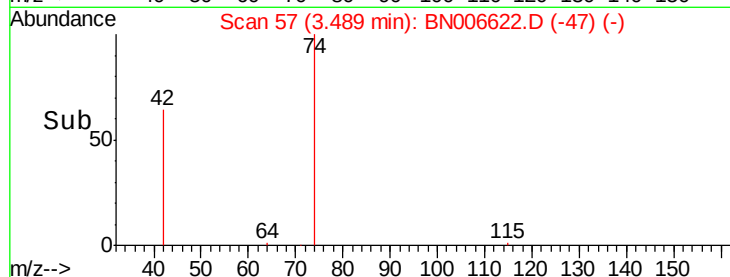
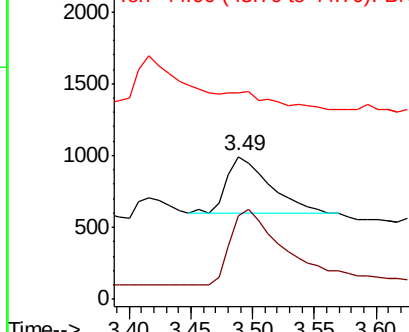
42 100

74 167.6 103.1 154.7#

44 0.0 3.4 5.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.354 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

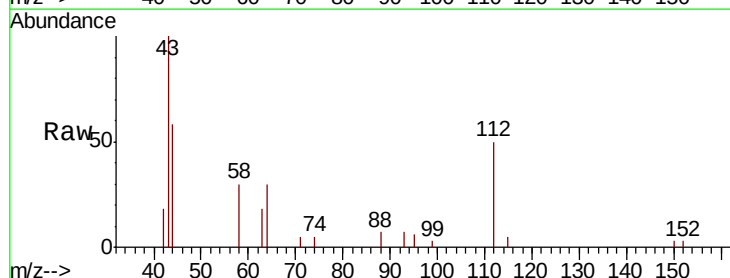
Tgt Ion: 112 Resp: 3094

Ion Ratio Lower Upper

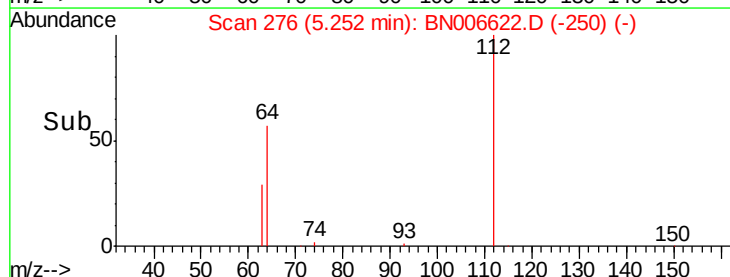
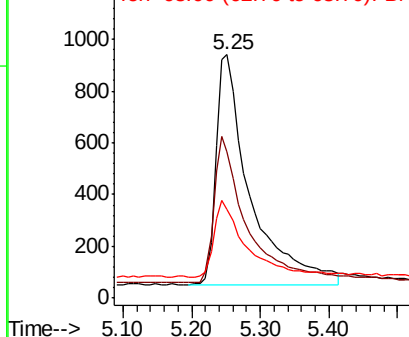
112 100

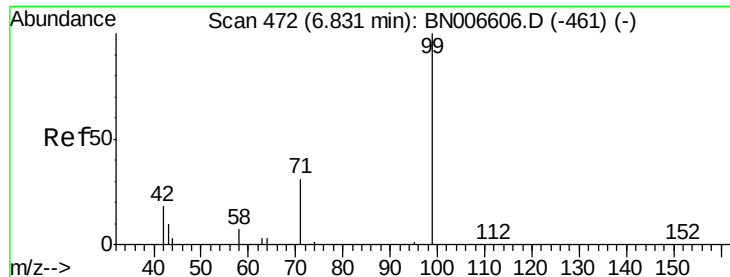
64 61.7 48.9 73.3

63 32.0 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.416 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

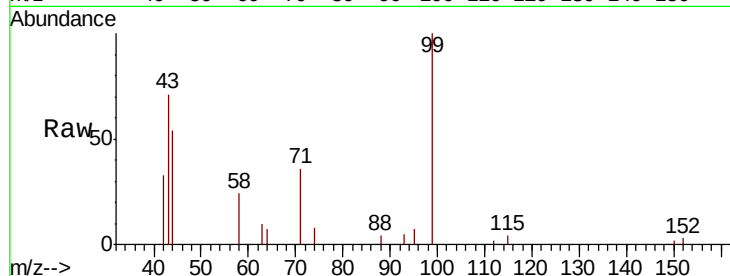
Tgt Ion: 99 Resp: 4819

Ion Ratio Lower Upper

99 100

42 27.7 16.4 24.6#

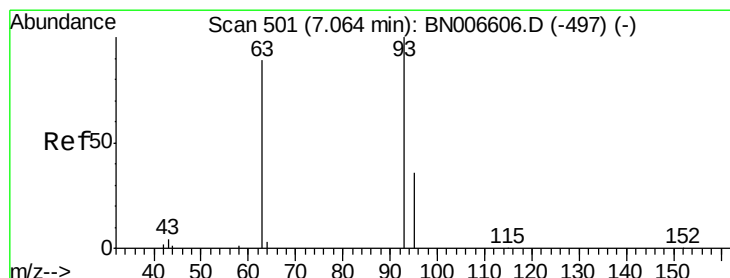
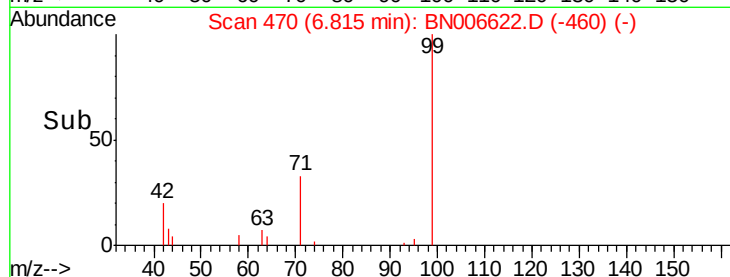
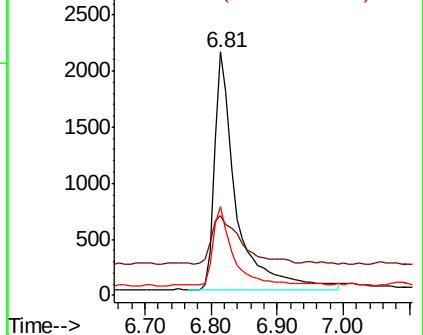
71 29.7 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006622.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006622.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006622.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.312 ng

RT: 7.06 min Scan# 501

Delta R.T. -0.00 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

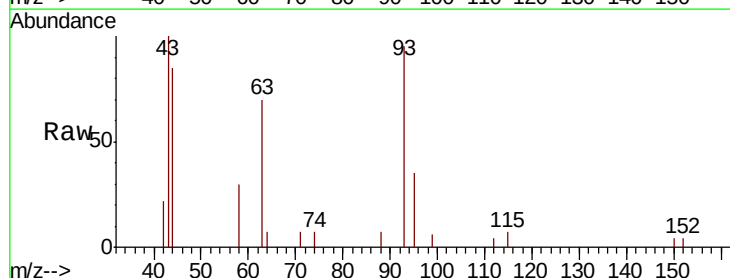
Tgt Ion: 93 Resp: 3222

Ion Ratio Lower Upper

93 100

63 69.2 52.5 78.7

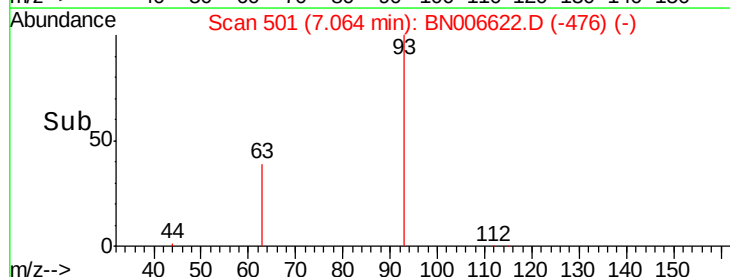
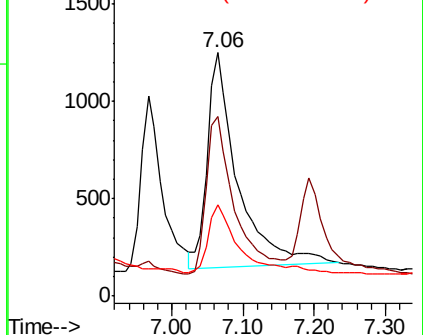
95 32.1 24.2 36.4

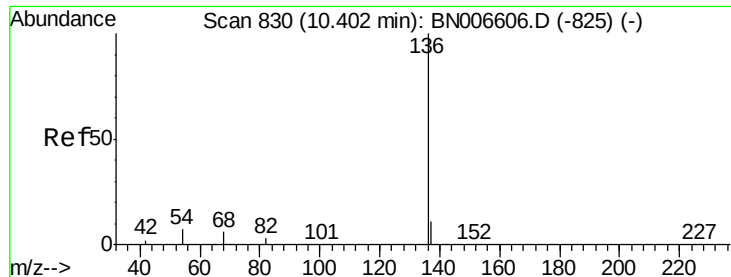


Abundance Ion 93.00 (92.70 to 93.70): BN006622.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006622.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006622.D (-476) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

Tgt Ion:136 Resp: 14849

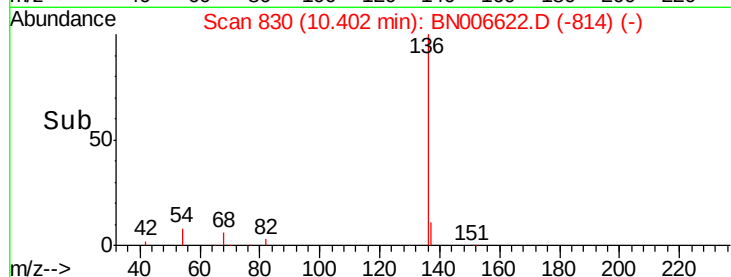
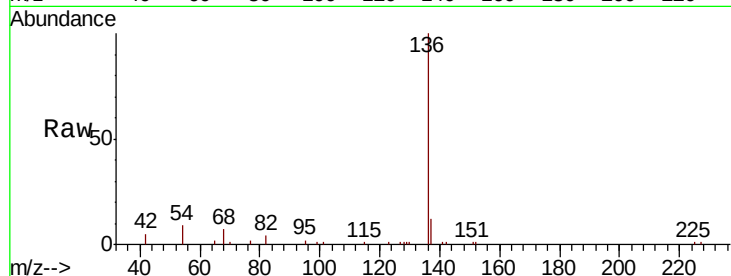
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 8.8 6.7 10.1

68 7.0 5.3 7.9

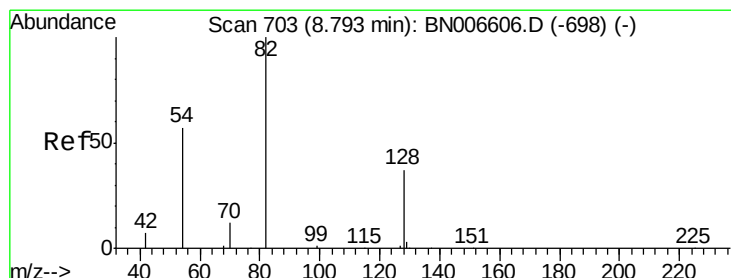
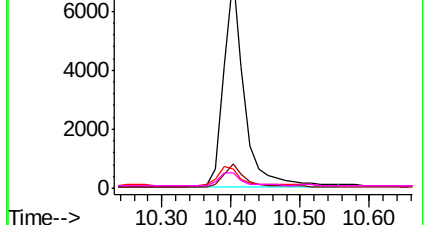


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.352 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

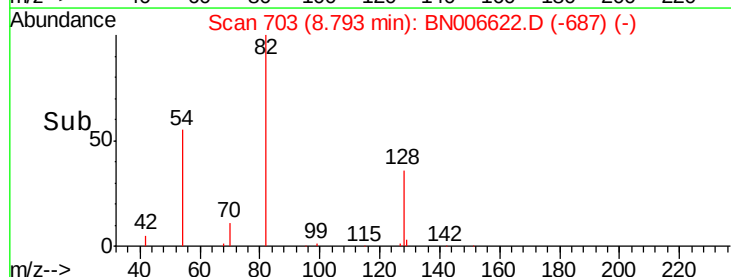
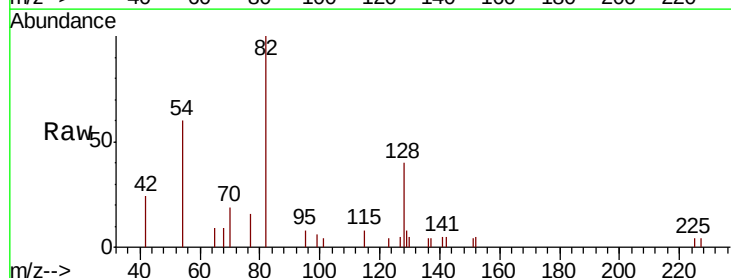
Tgt Ion: 82 Resp: 3516

Ion Ratio Lower Upper

82 100

128 39.6 32.6 49.0

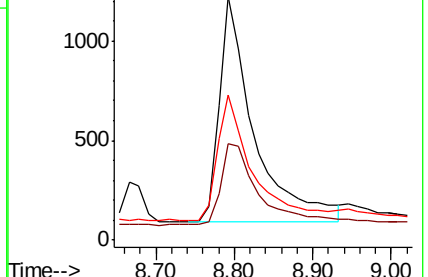
54 59.8 48.2 72.4

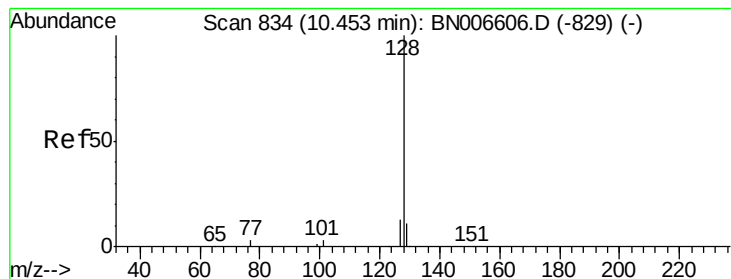


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.411 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

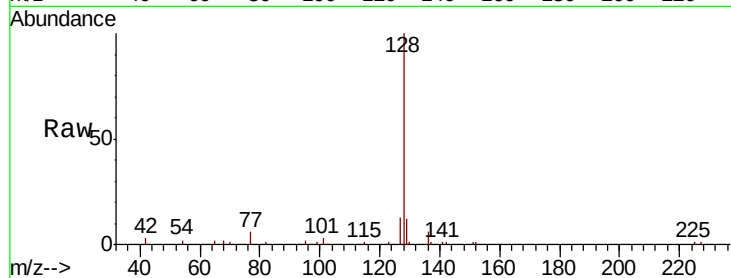
Tgt Ion:128 Resp: 16038

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

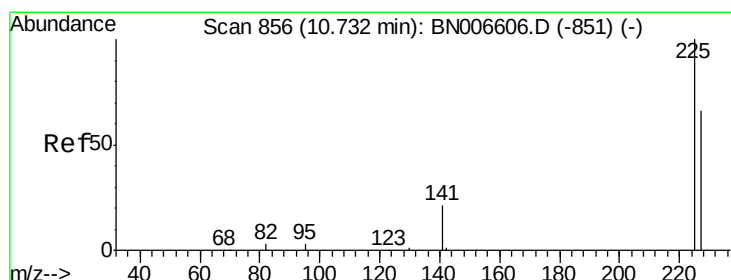
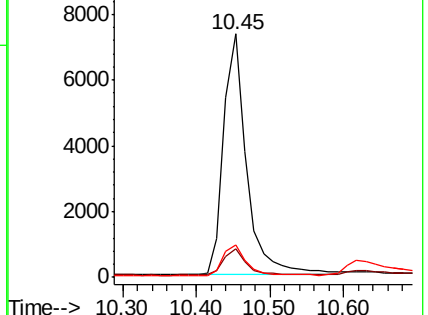
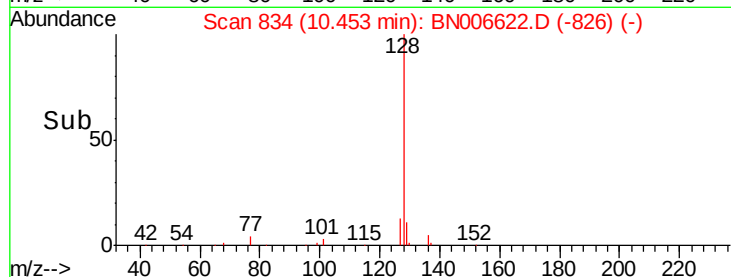
127 13.4 10.8 16.2



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: 0.285 ng

RT: 10.73 min Scan# 856

Delta R.T. -0.00 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

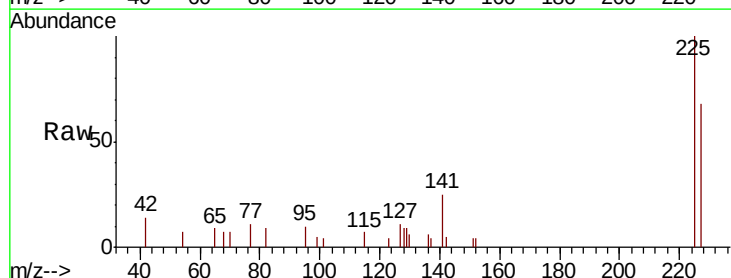
Tgt Ion:225 Resp: 2284

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

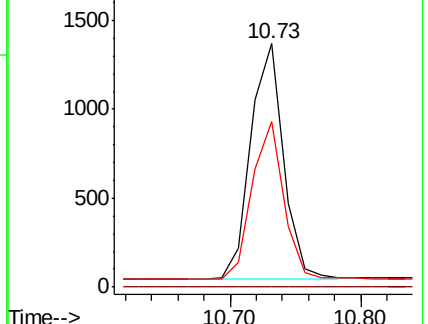
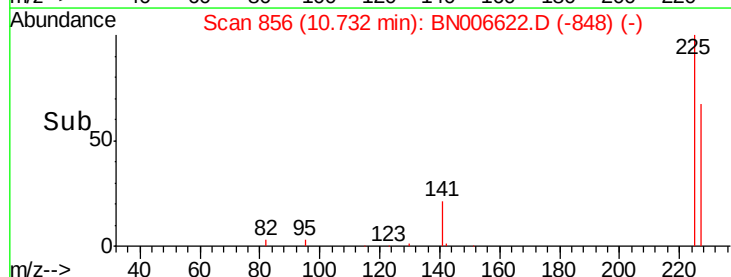
227 65.1 51.4 77.2

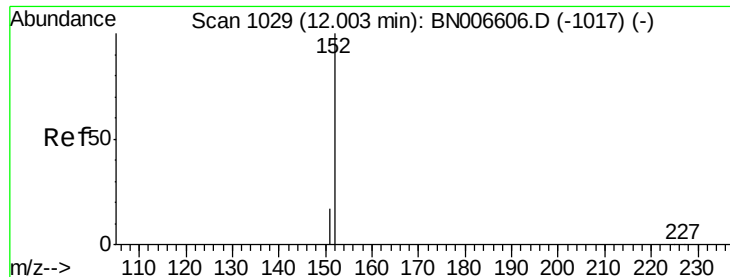


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

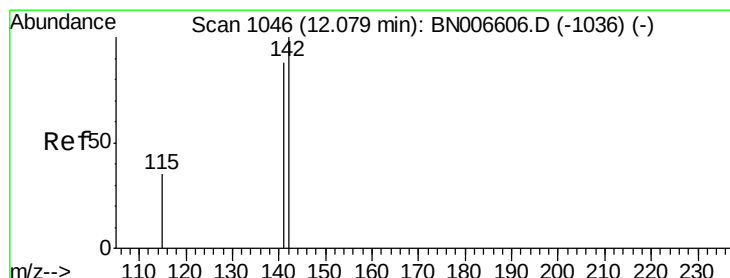
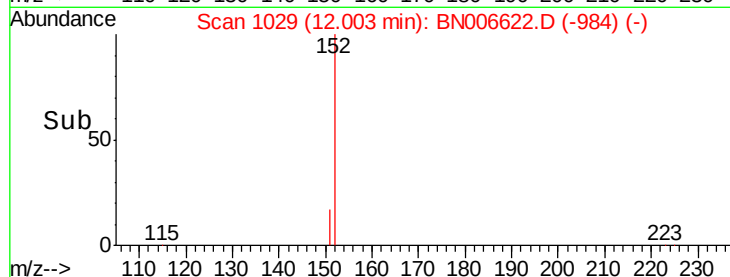
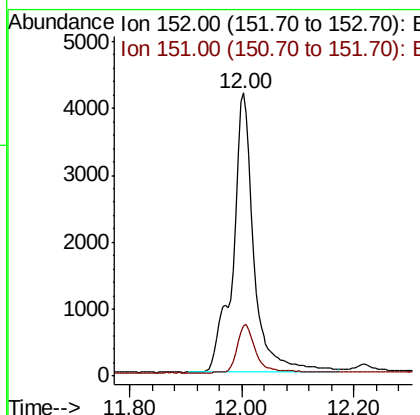
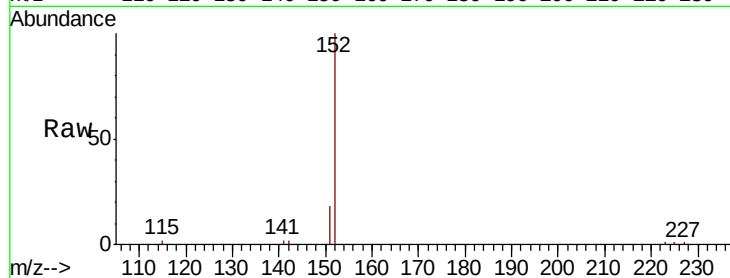




#11
2-Methylnaphthalene-d10
Concen: 0.465 ng
RT: 12.00 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN006622.D
Acq: 28 Jun 2019 20:27

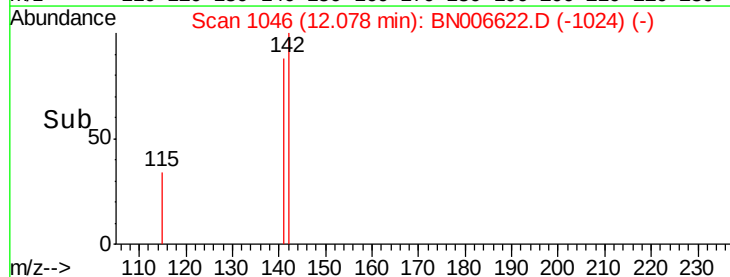
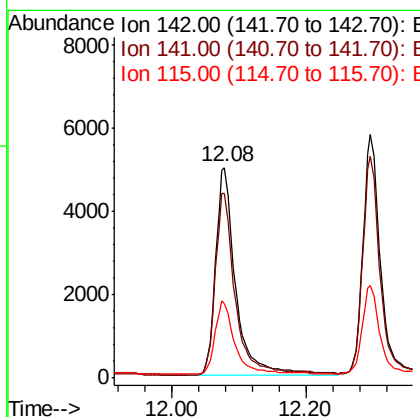
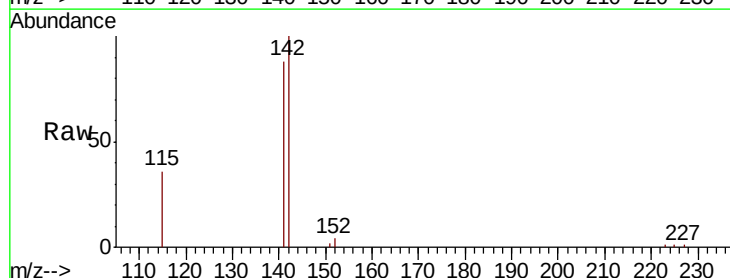
Instrument :
BNA_N
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PST-008-SW122-061819MS

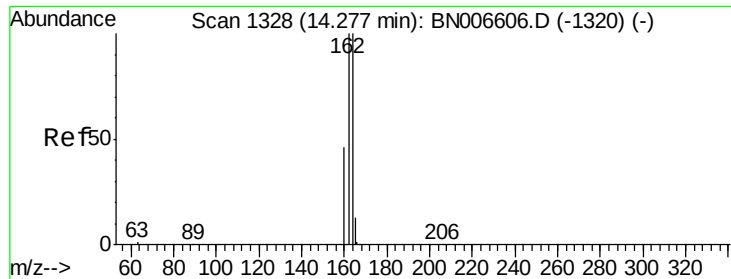
Tgt Ion:152 Resp: 10877
Ion Ratio Lower Upper
152 100
151 15.3 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.08 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN006622.D
Acq: 28 Jun 2019 20:27

Tgt Ion:142 Resp: 10390
Ion Ratio Lower Upper
142 100
141 87.6 70.2 105.4
115 35.7 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: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

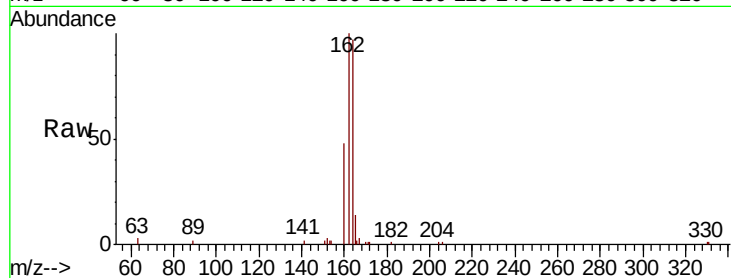
Tgt Ion:164 Resp: 9305

Ion Ratio Lower Upper

164 100

162 102.8 80.0 120.0

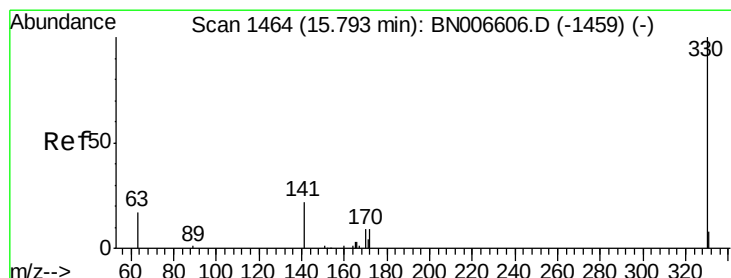
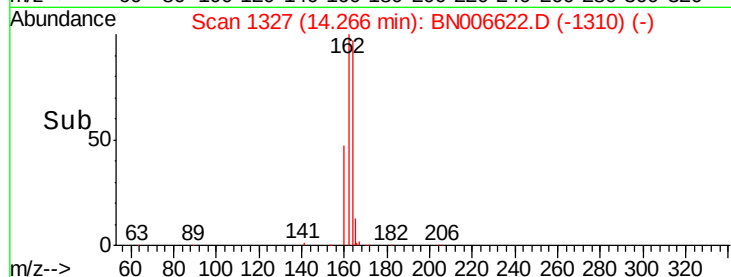
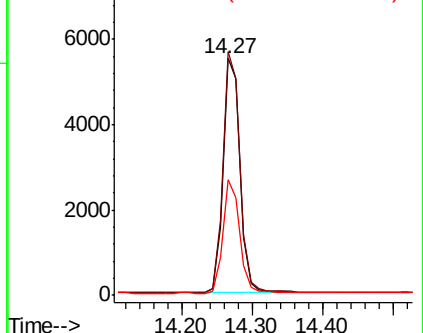
160 49.0 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.324 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

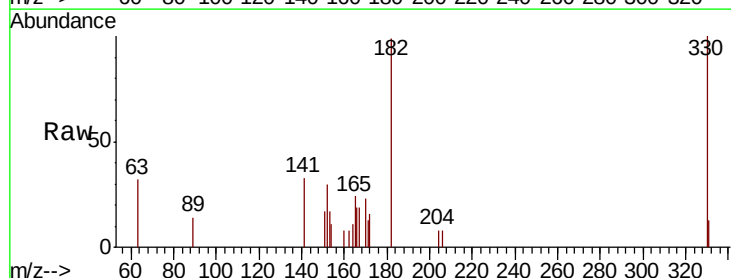
Tgt Ion:330 Resp: 1421

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

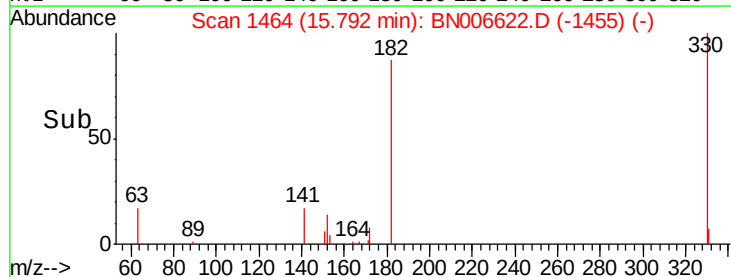
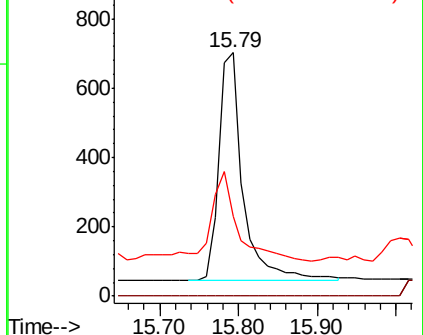
141 43.8 26.5 39.7#

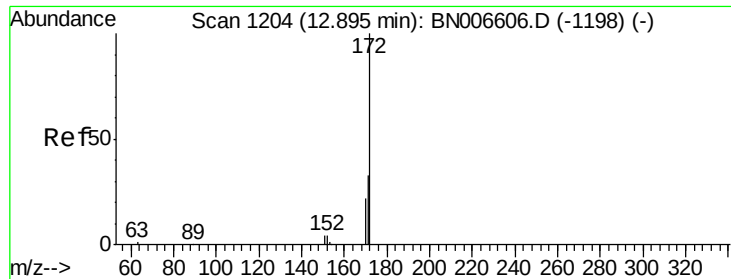


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

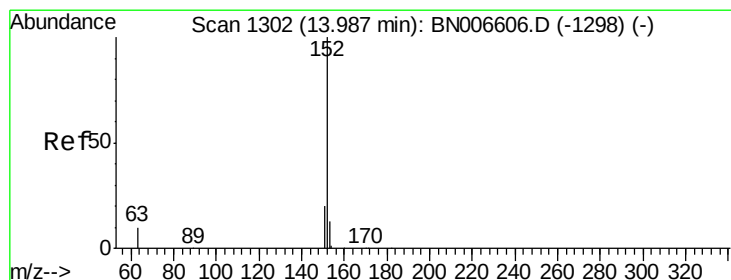
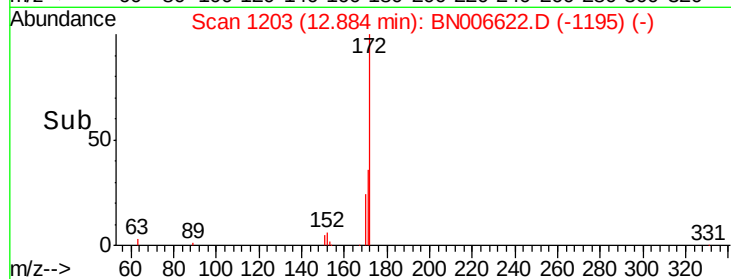
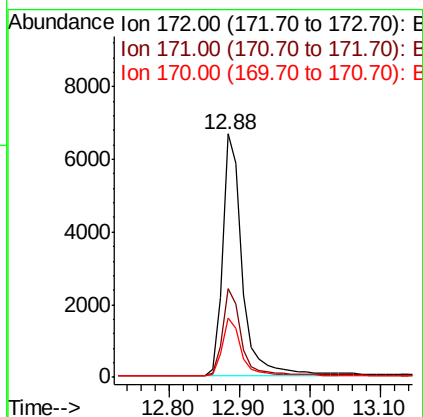
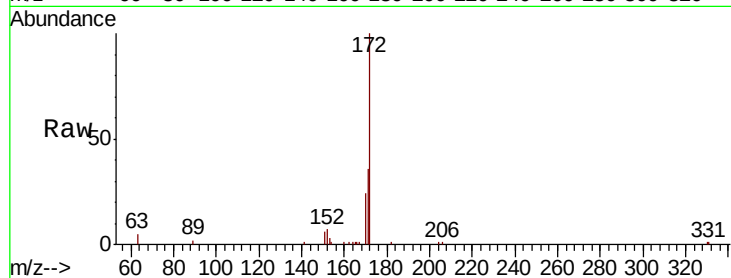




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006622.D
Acq: 28 Jun 2019 20:27

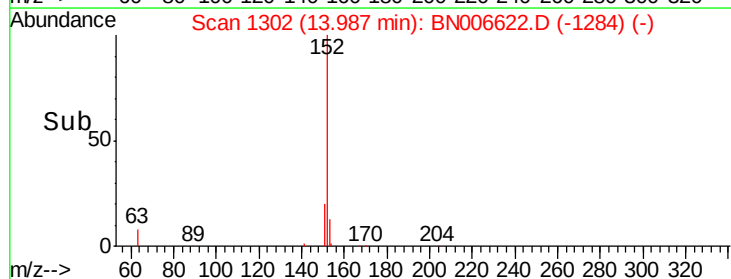
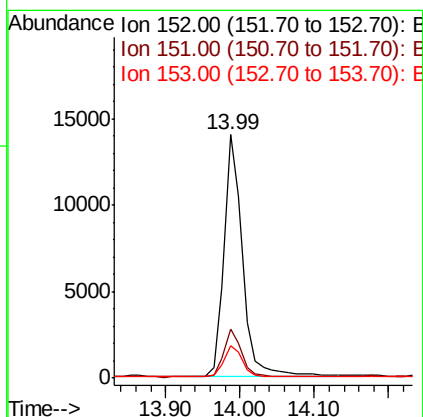
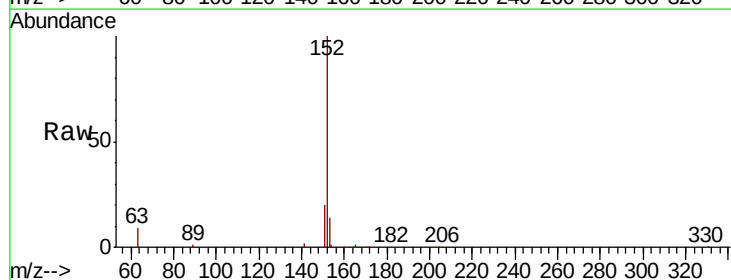
Instrument :
BNA_N
ClientSampleId :
PST-008-SW122-061819MS

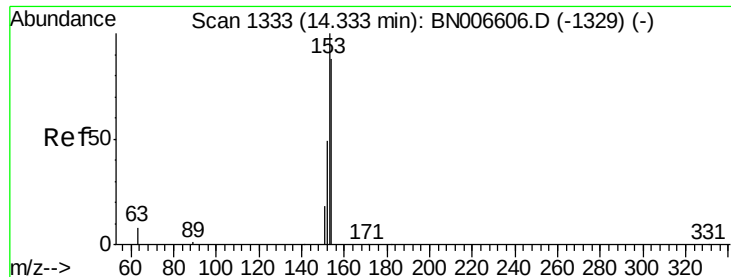
Tgt Ion:172 Resp: 13073
Ion Ratio Lower Upper
172 100
171 36.2 27.0 40.4
170 24.3 17.7 26.5



#16
Acenaphthylene
Concen: 0.549 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006622.D
Acq: 28 Jun 2019 20:27

Tgt Ion:152 Resp: 24358
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.3 10.5 15.7

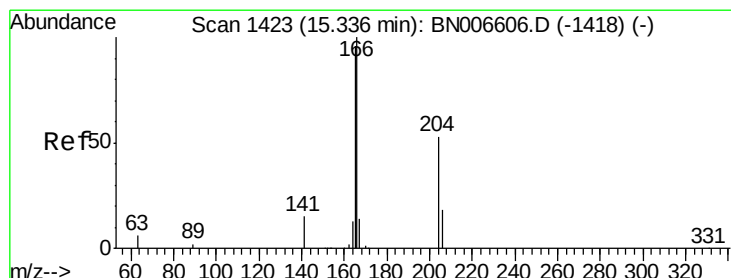
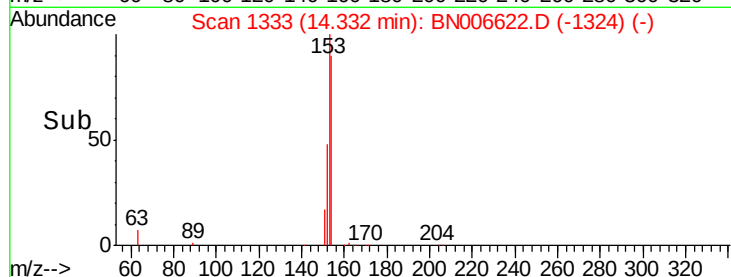
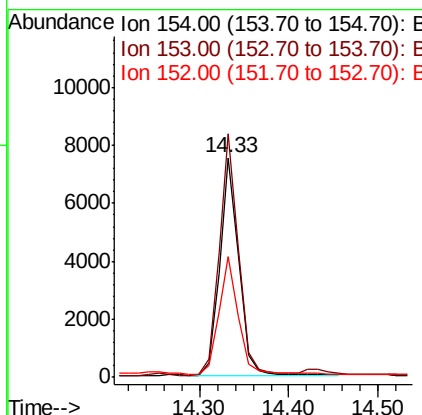
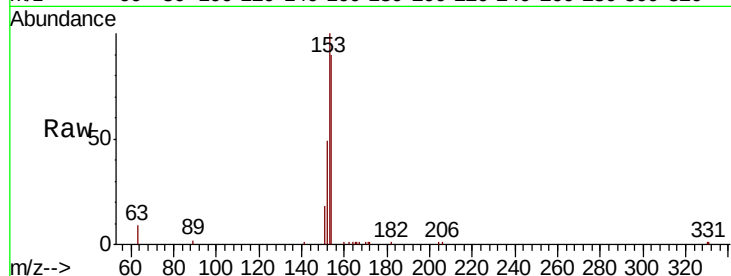




#17
Acenaphthene
Concen: 0.383 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006622.D
Acq: 28 Jun 2019 20:27

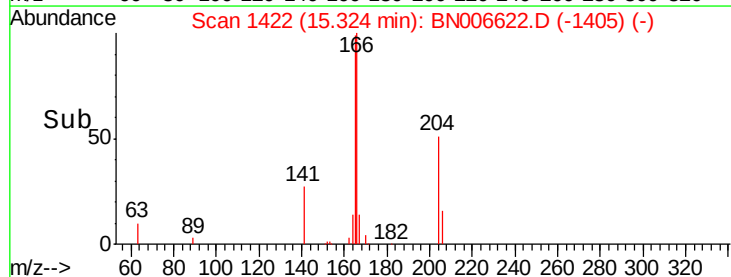
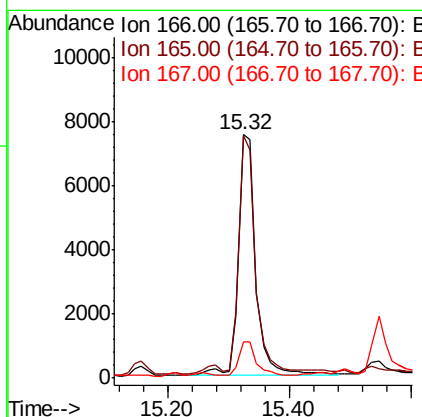
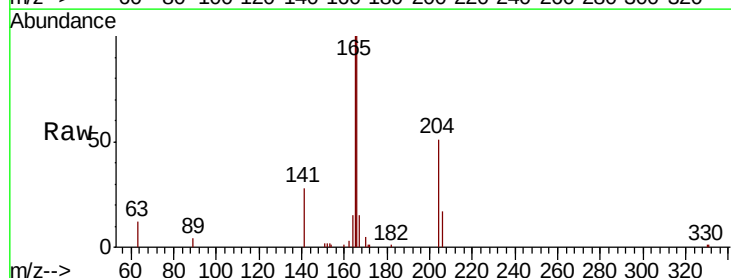
Instrument :
BNA_N
ClientSampleId :
PST-008-SW122-061819MS

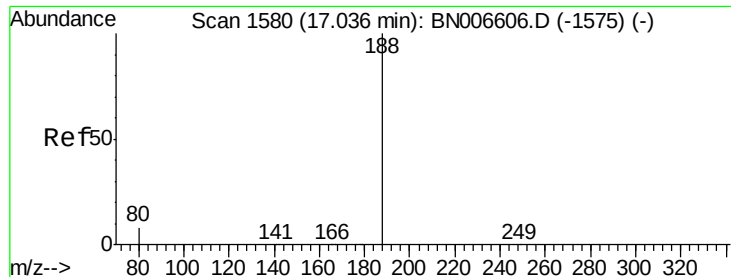
Tgt Ion:154 Resp: 11206
Ion Ratio Lower Upper
154 100
153 111.2 90.2 135.4
152 55.1 44.2 66.4



#18
Fluorene
Concen: 0.409 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006622.D
Acq: 28 Jun 2019 20:27

Tgt Ion:166 Resp: 15076
Ion Ratio Lower Upper
166 100
165 90.4 78.4 117.6
167 13.8 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

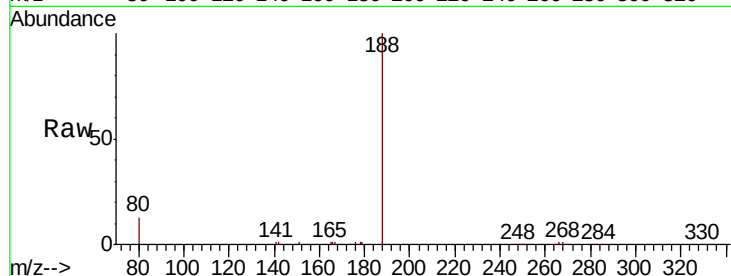
Tgt Ion:188 Resp: 22648

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

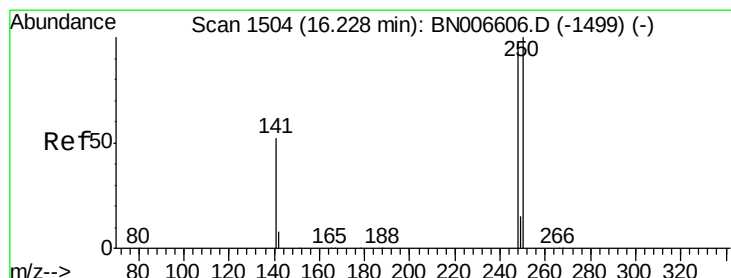
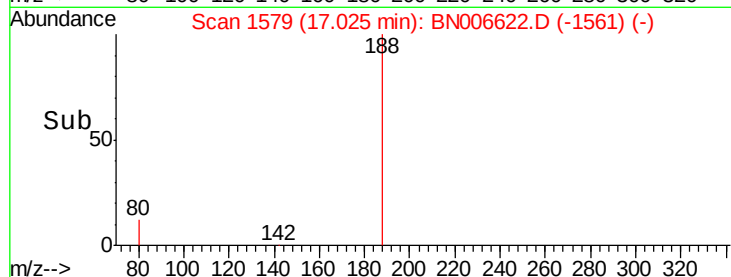
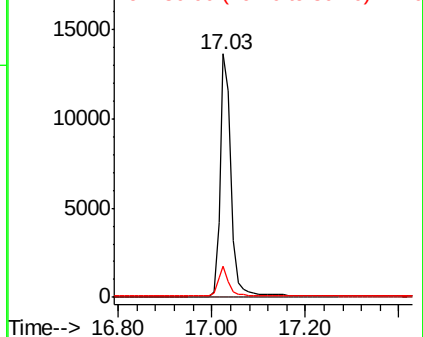
80 13.0 7.1 10.7#



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: 0.298 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

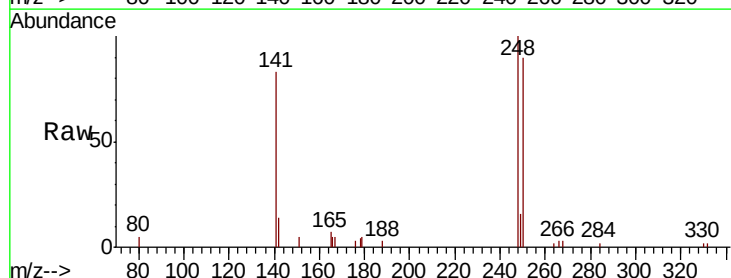
Tgt Ion:248 Resp: 3735

Ion Ratio Lower Upper

248 100

250 90.5 82.2 123.4

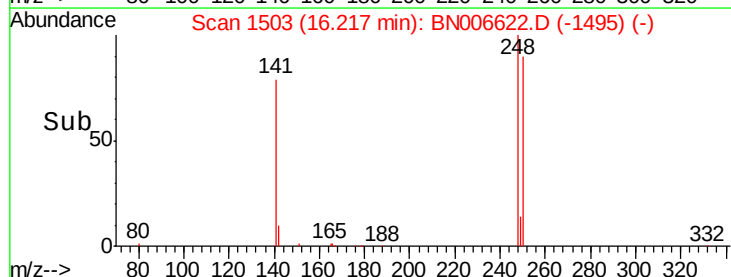
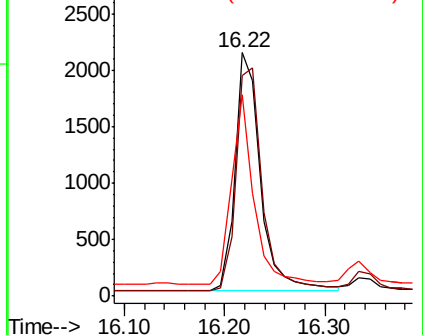
141 82.5 43.8 65.8#

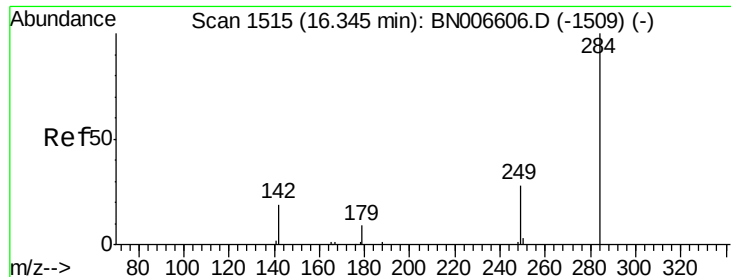


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.280 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

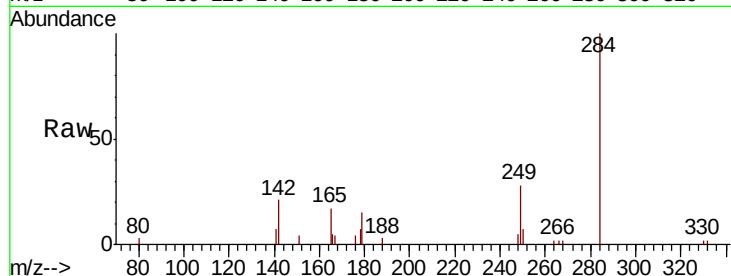
Instrument :

BNA_N

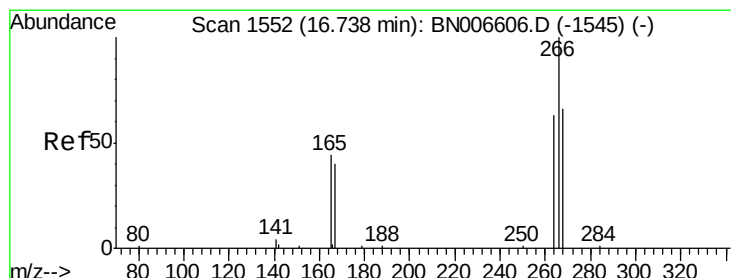
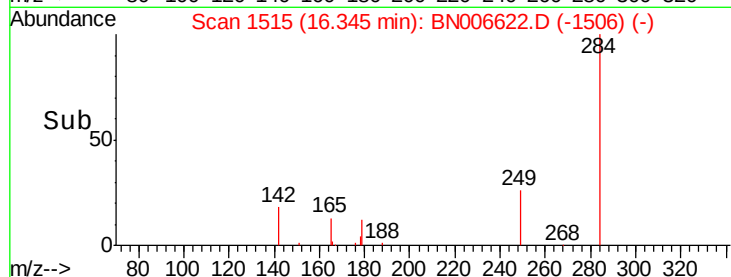
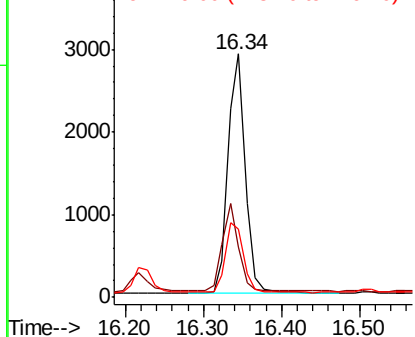
ClientSampleId :

PST-008-SW122-061819MS

Tgt Ion:	284	Resp:	4434
Ion	Ratio	Lower	Upper
284	100		
142	34.3	27.5	41.3
249	30.8	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: 0.444 ng

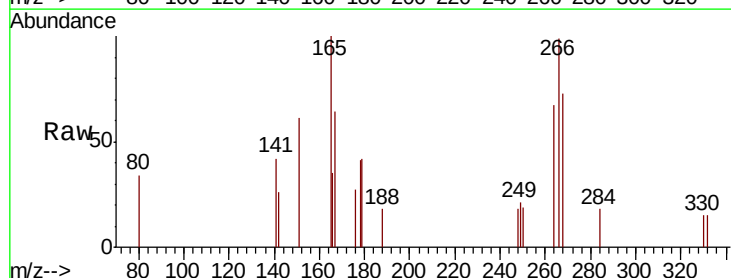
RT: 16.72 min Scan# 1550

Delta R.T. -0.02 min

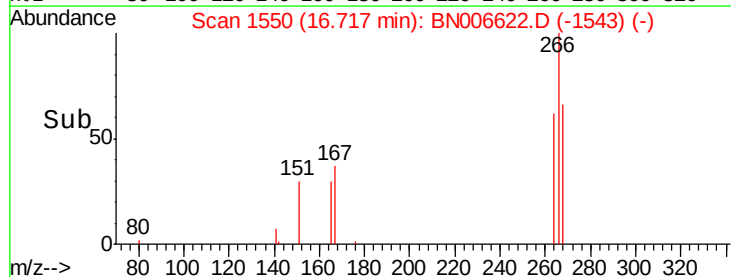
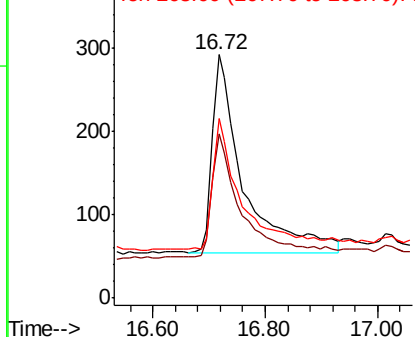
Lab File: BN006622.D

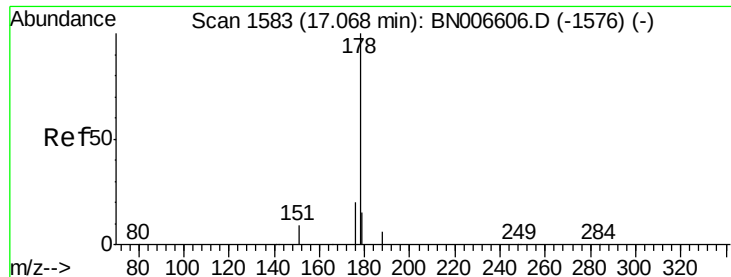
Acq: 28 Jun 2019 20:27

Tgt Ion:	266	Resp:	913
Ion	Ratio	Lower	Upper
266	100		
264	67.5	56.2	84.4
268	74.0	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: 1.646 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

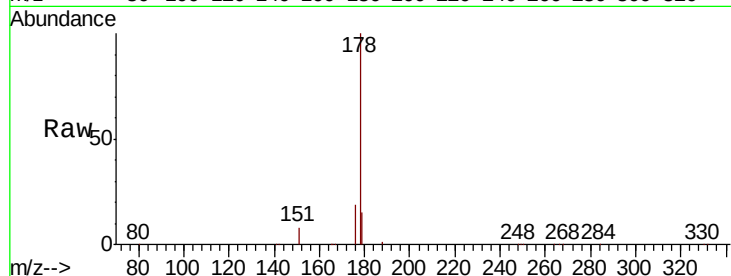
Tgt Ion:178 Resp: 105982

Ion Ratio Lower Upper

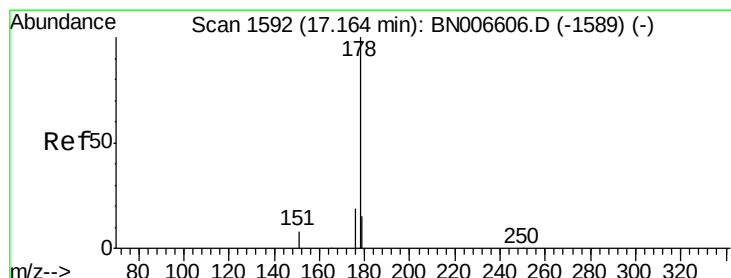
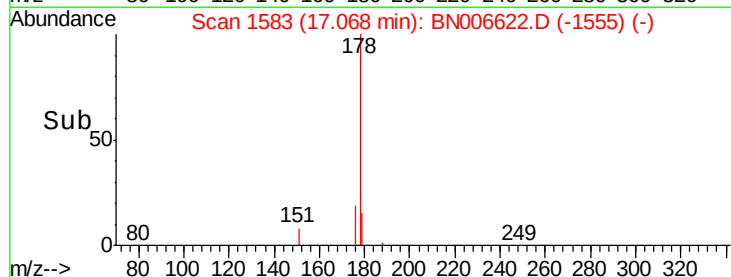
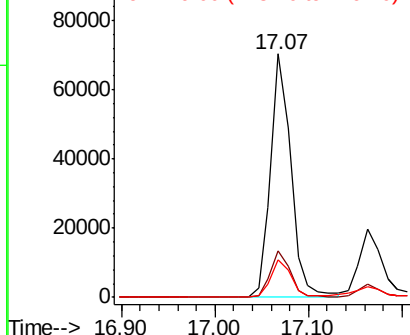
178 100

176 19.0 15.3 22.9

179 15.1 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: 0.587 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

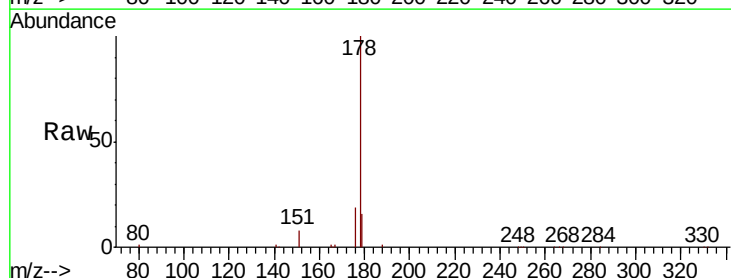
Tgt Ion:178 Resp: 32819

Ion Ratio Lower Upper

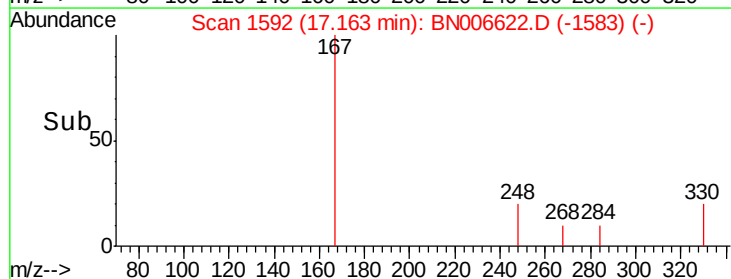
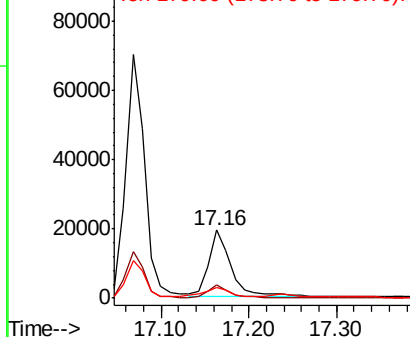
178 100

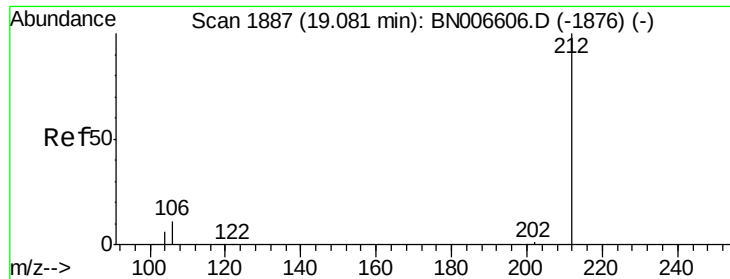
176 18.2 15.0 22.4

179 15.2 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: 0.380 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

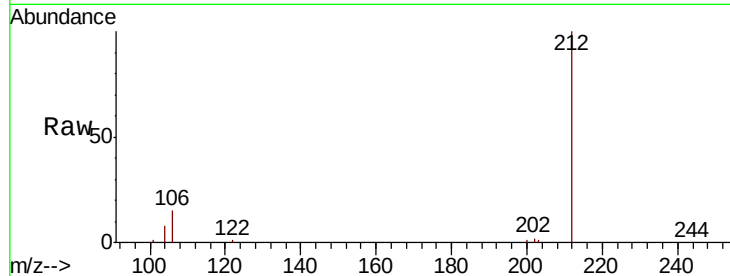
Tgt Ion:212 Resp: 25247

Ion Ratio Lower Upper

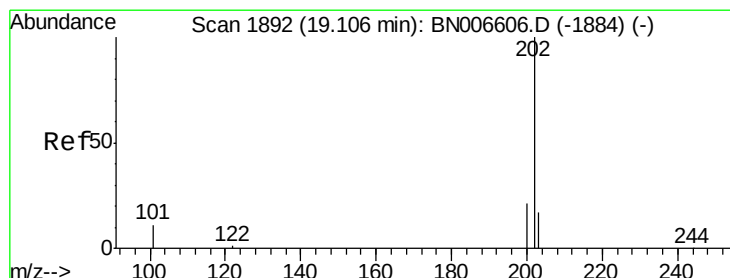
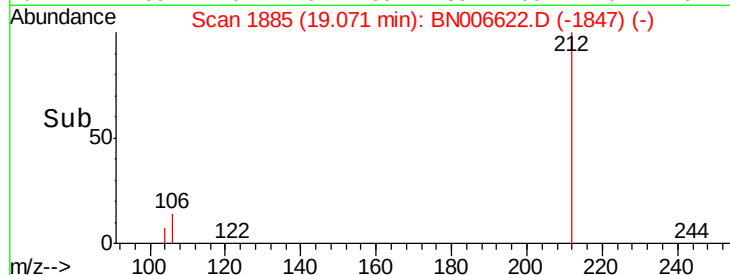
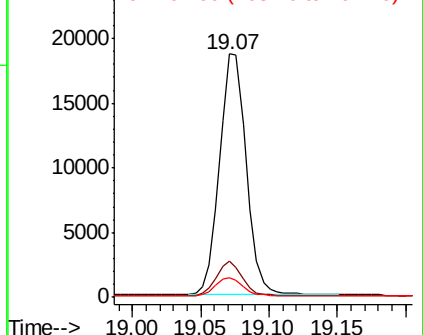
212 100

106 14.0 10.6 15.8

104 7.7 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: 3.207 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

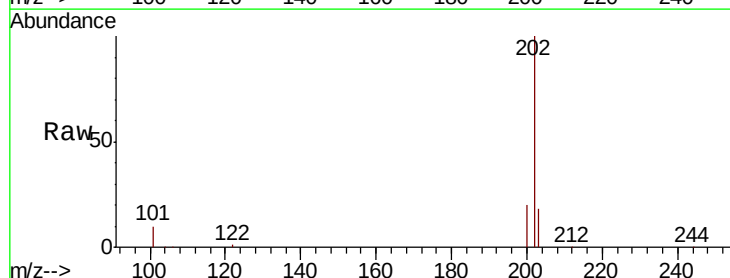
Tgt Ion:202 Resp: 250973

Ion Ratio Lower Upper

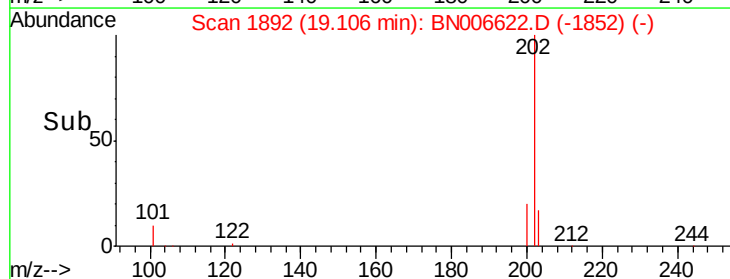
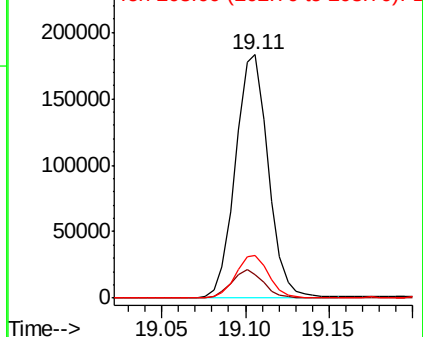
202 100

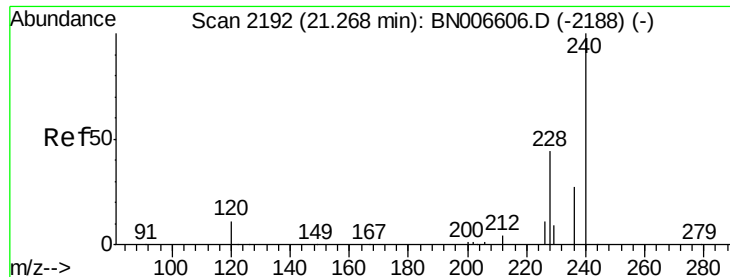
101 11.1 8.9 13.3

203 17.4 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: 21.25 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

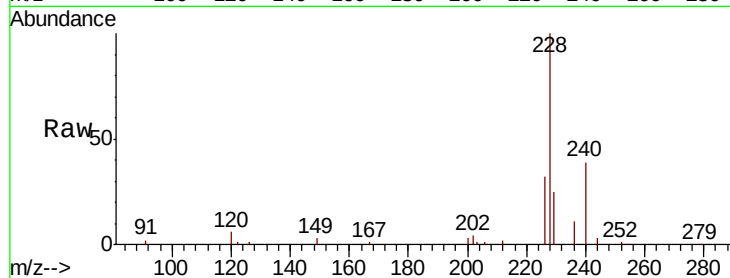
Tgt Ion:240 Resp: 23343

Ion Ratio Lower Upper

240 100

120 15.1 9.9 14.9#

236 28.6 22.2 33.4

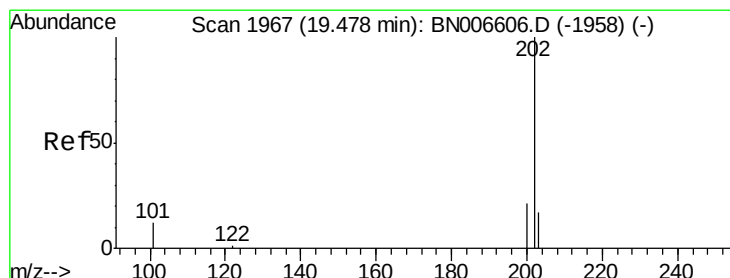
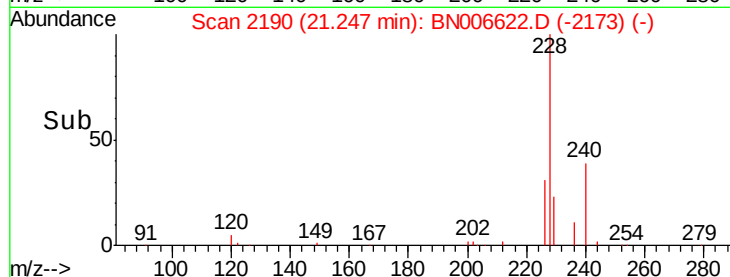
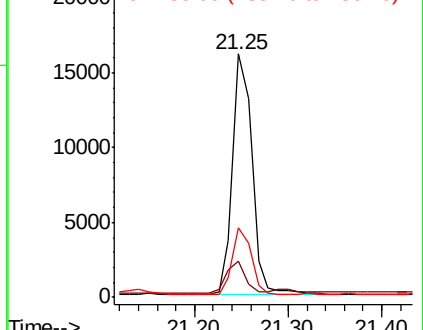


Abundance

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: 3.279 ng

RT: 19.47 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

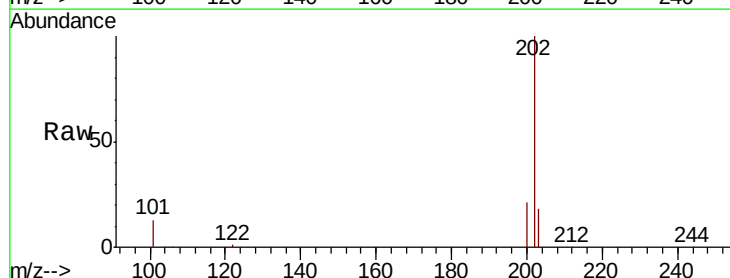
Tgt Ion:202 Resp: 267804

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 20.7 14.1 21.1

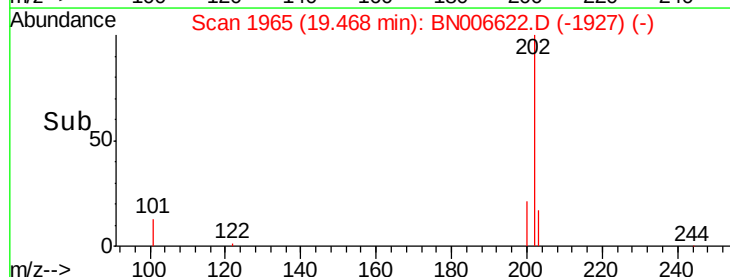
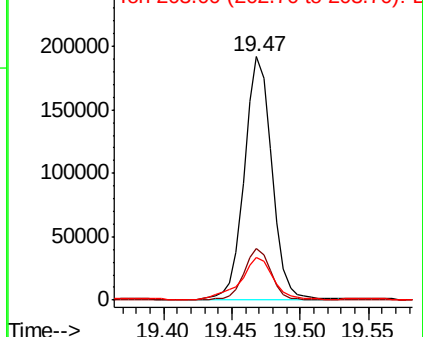


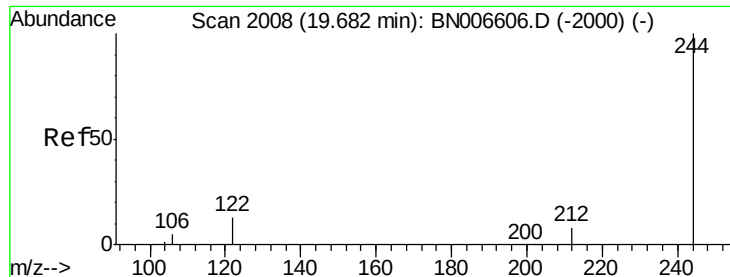
Abundance

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: 0.370 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

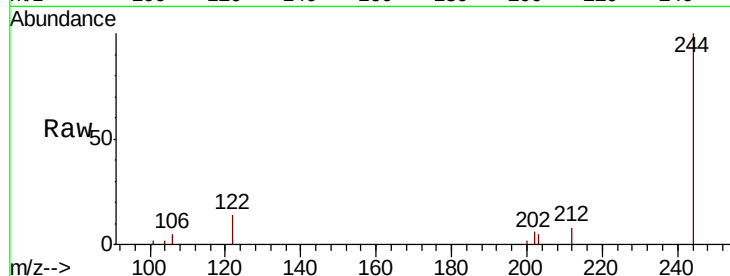
Tgt Ion:244 Resp: 18075

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

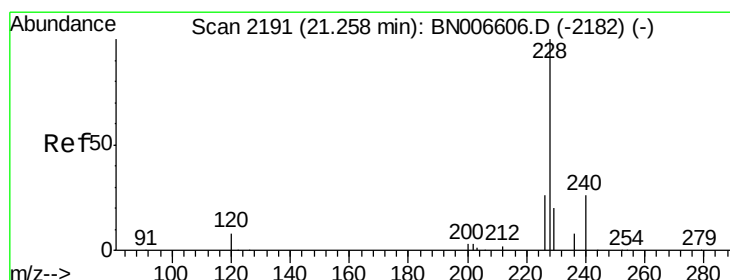
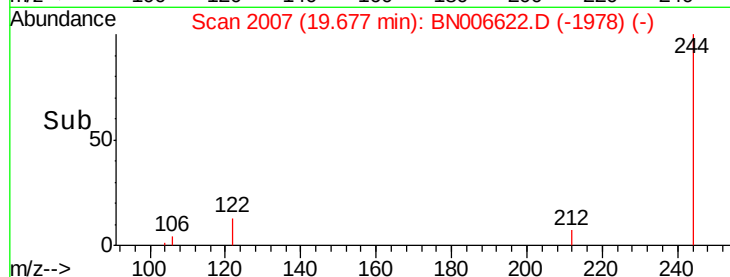
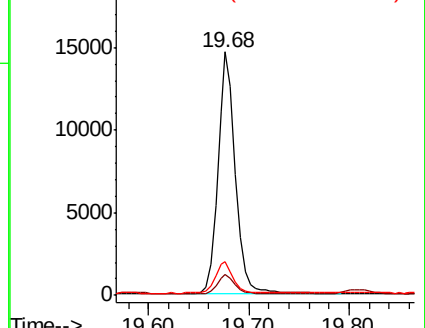
122 13.8 11.0 16.6



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: 2.278 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

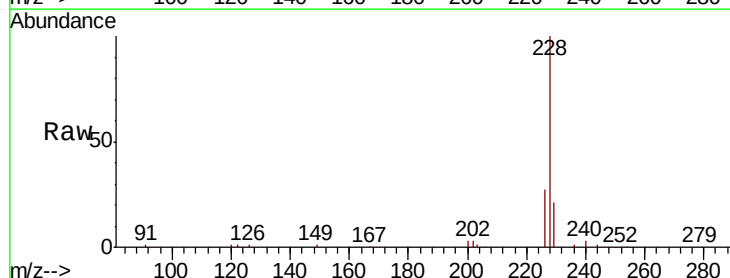
Tgt Ion:228 Resp: 173873

Ion Ratio Lower Upper

228 100

226 27.4 21.2 31.8

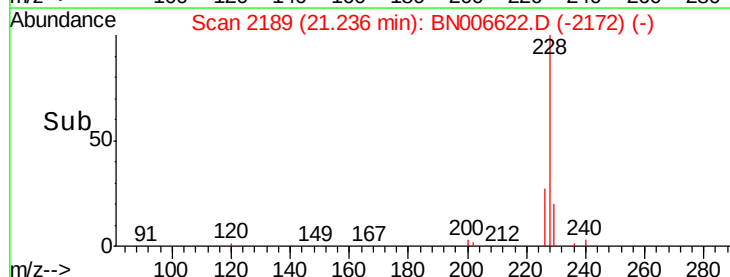
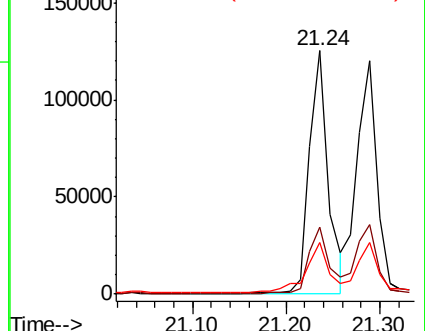
229 21.1 16.1 24.1

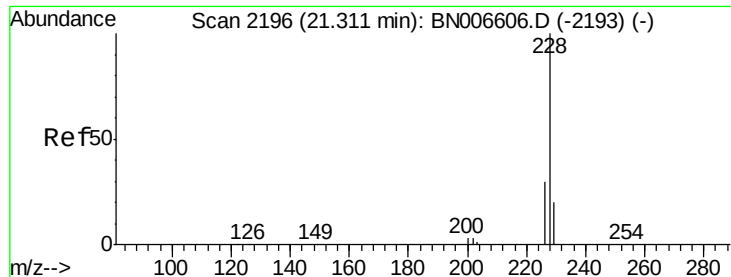


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.143 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

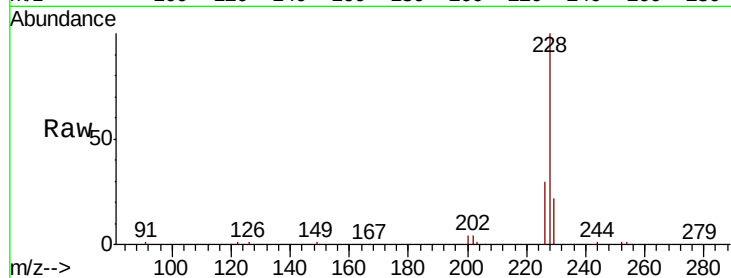
Tgt Ion:228 Resp: 176297

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

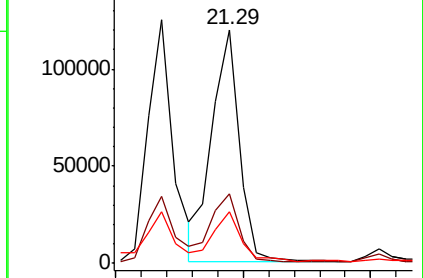
229 21.8 15.9 23.9



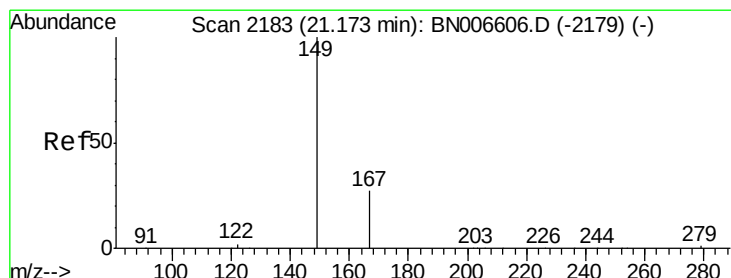
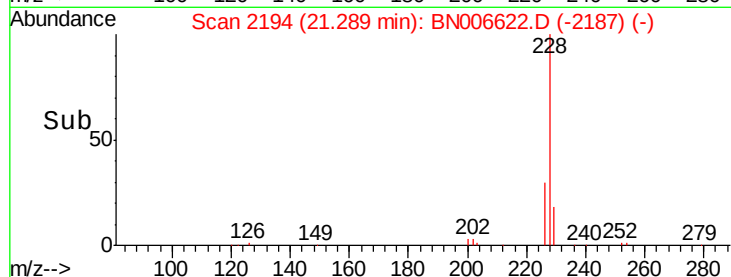
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.20 21.30 21.40



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.839 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

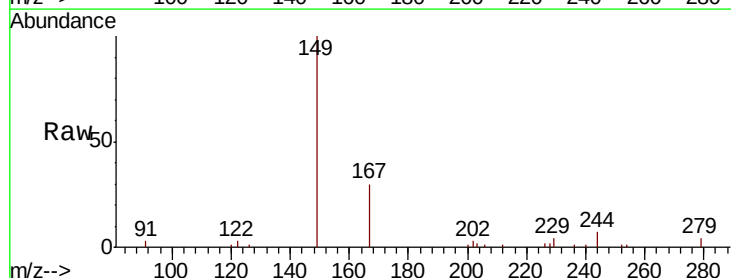
Tgt Ion:149 Resp: 32210

Ion Ratio Lower Upper

149 100

167 28.8 22.9 34.3

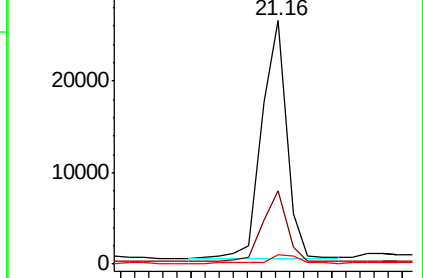
279 3.9 3.3 4.9



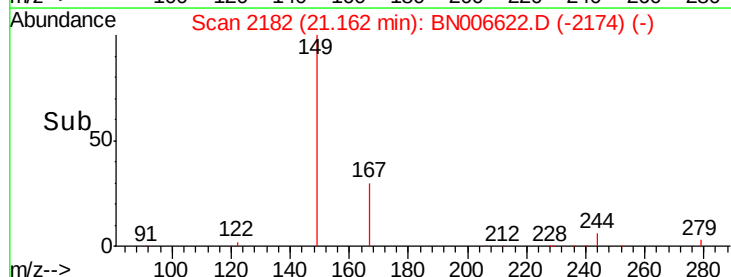
Abundance Ion 149.00 (148.70 to 149.70): E

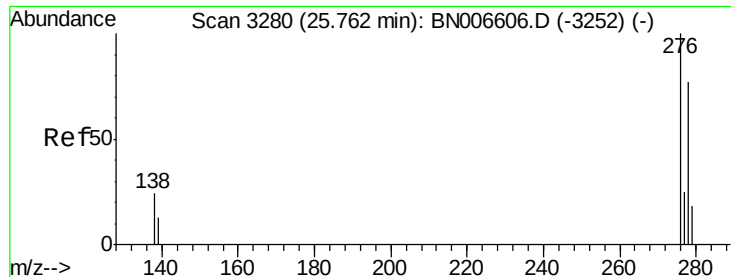
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.05 21.10 21.15 21.20





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.099 ng

RT: 25.71 min Scan# 3265

Delta R.T. -0.05 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

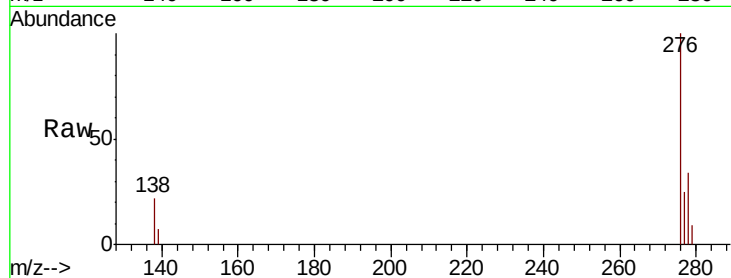
Tgt Ion:276 Resp: 91545

Ion Ratio Lower Upper

276 100

138 21.7 19.3 28.9

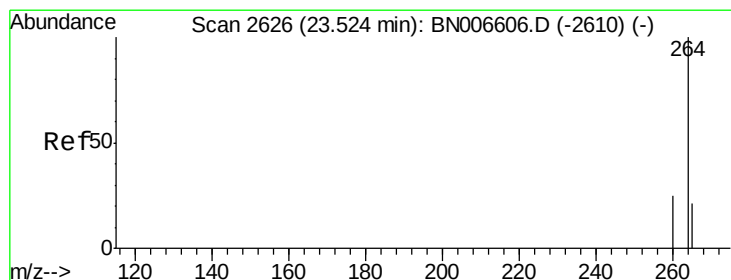
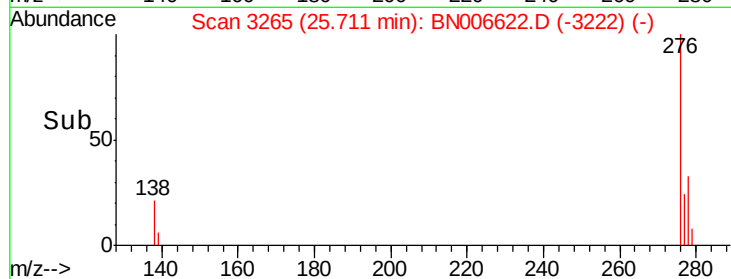
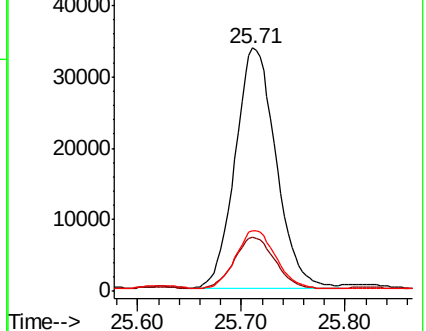
277 23.8 19.9 29.9



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: 23.48 min Scan# 2614

Delta R.T. -0.04 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

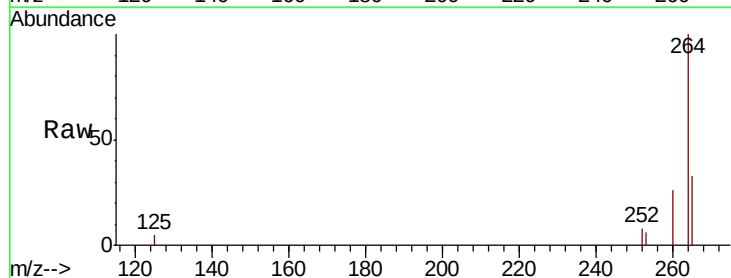
Tgt Ion:264 Resp: 23520

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.2

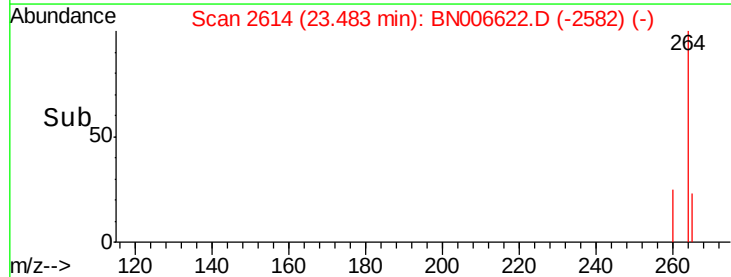
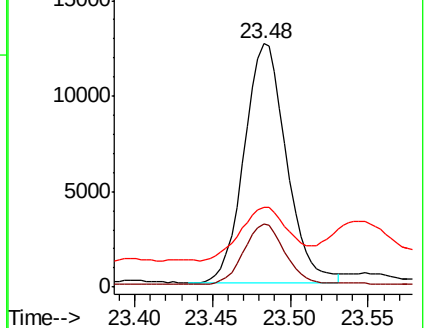
265 32.8 23.3 34.9

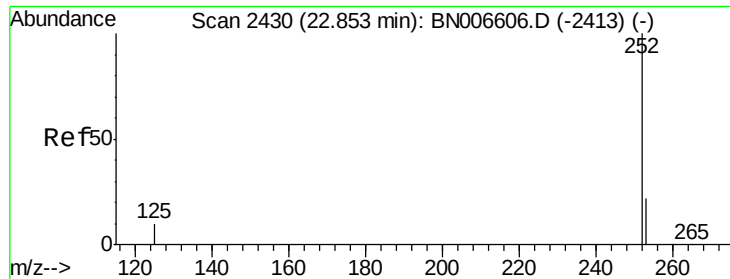


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 2.412 ng

RT: 22.82 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

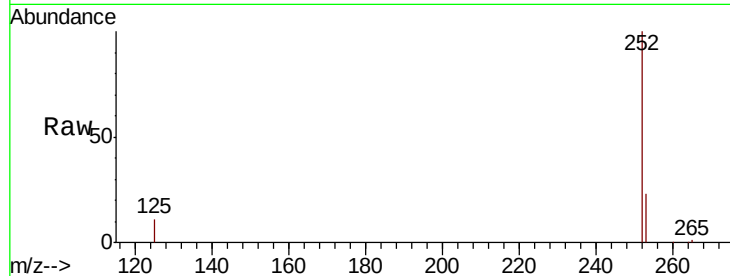
Tgt Ion:252 Resp: 192961

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

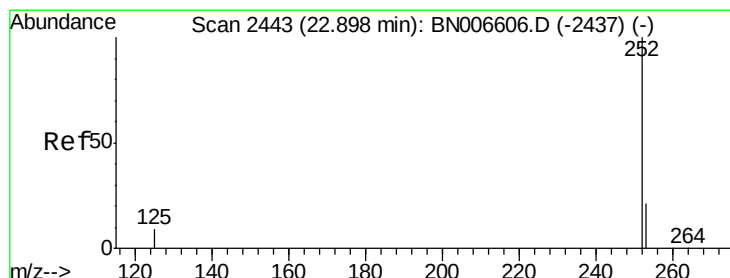
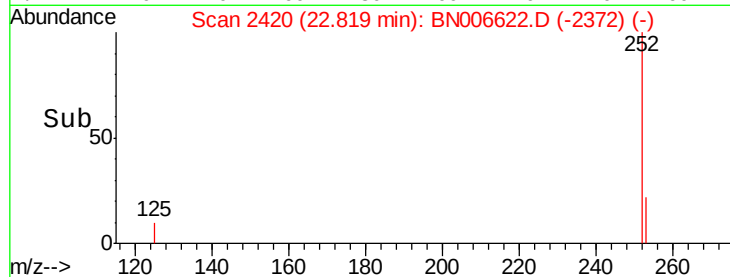
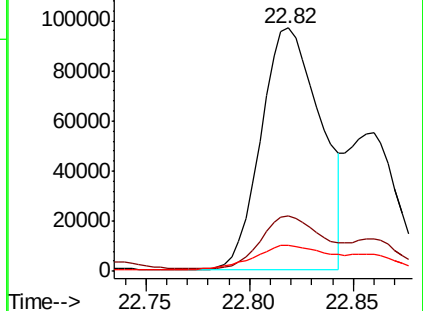
125 10.6 8.7 13.1



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



#36

Benzo(k)fluoranthene

Concen: 2.263 ng

RT: 22.82 min Scan# 2420

Delta R.T. -0.08 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

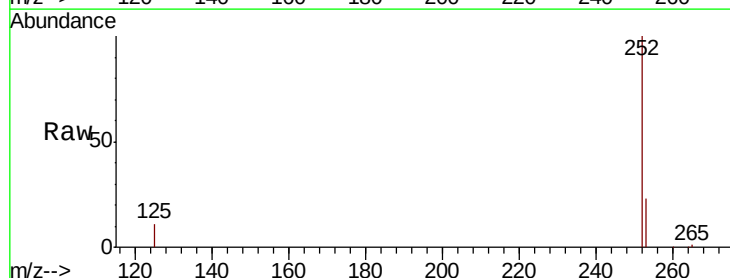
Tgt Ion:252 Resp: 192961

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

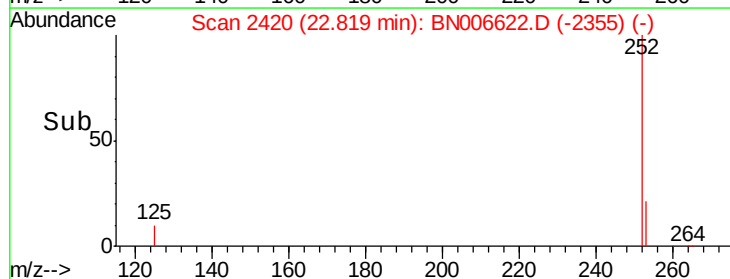
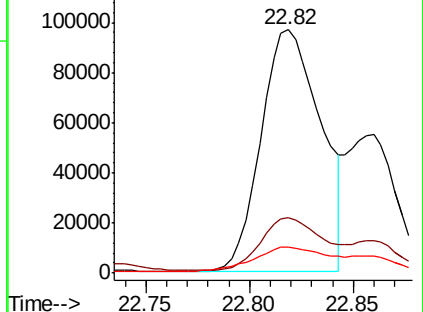
125 10.6 8.4 12.6

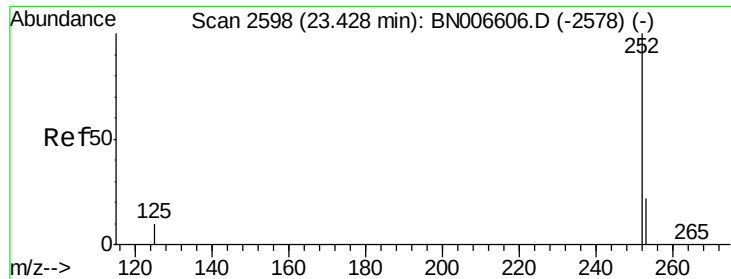


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.897 ng

RT: 23.39 min Scan# 2586

Delta R.T. -0.04 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

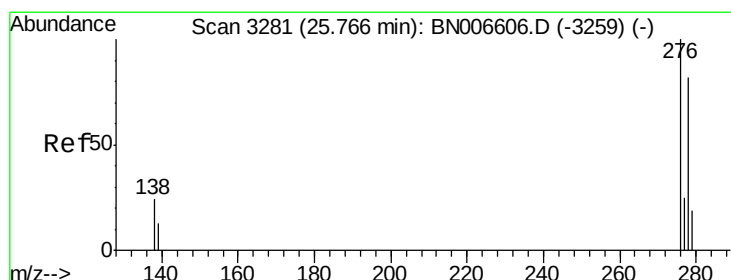
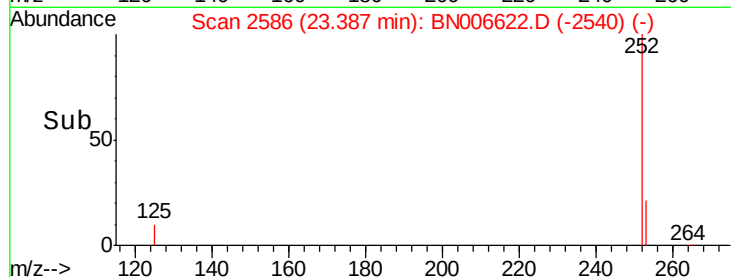
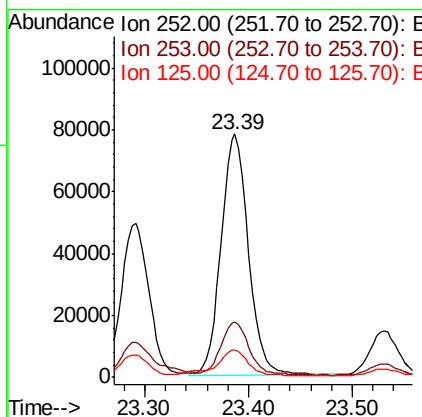
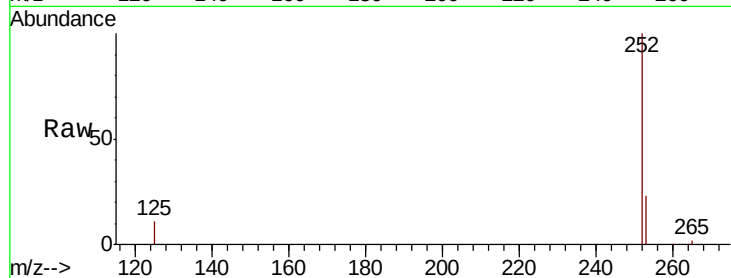
Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS

Tgt Ion:	252	Resp:	141909
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.8	28.2
125	11.2	9.4	14.2



#38

Dibenzo(a,h)anthracene

Concen: 0.552 ng

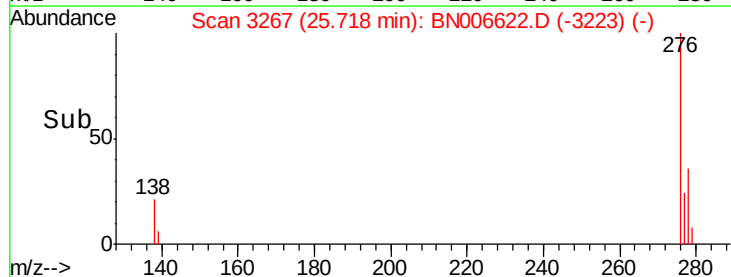
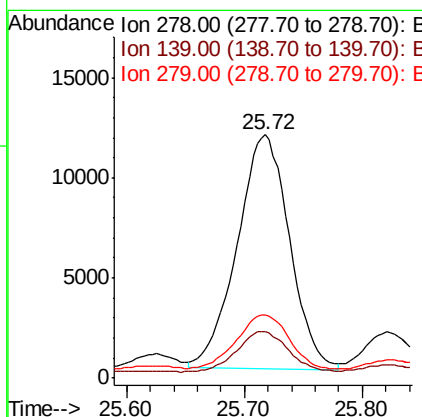
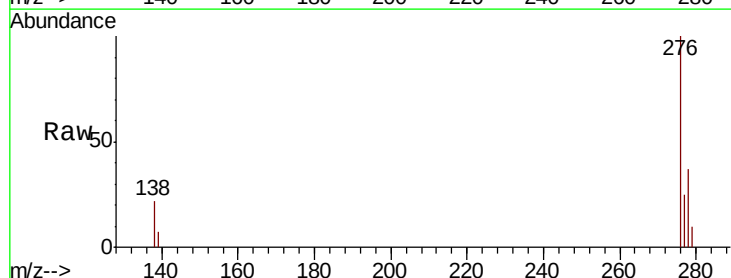
RT: 25.72 min Scan# 3267

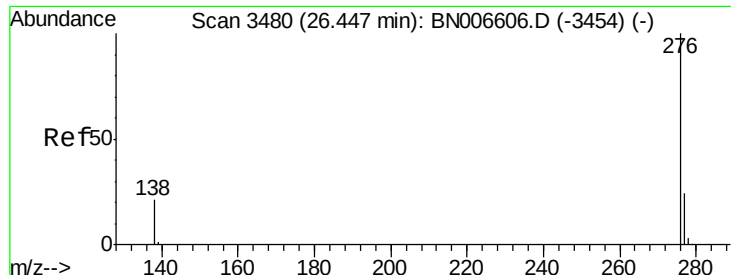
Delta R.T. -0.05 min

Lab File: BN006622.D

Acq: 28 Jun 2019 20:27

Tgt Ion:	278	Resp:	36078
Ion	Ratio	Lower	Upper
278	100		
139	19.2	13.5	20.3
279	26.0	19.4	29.2





#39

Benzo(g,h,i)perylene

Concen: 1.326 ng

RT: 26.40 min Scan# 3465

Delta R.T. -0.05 min

Lab File: BN006622.D

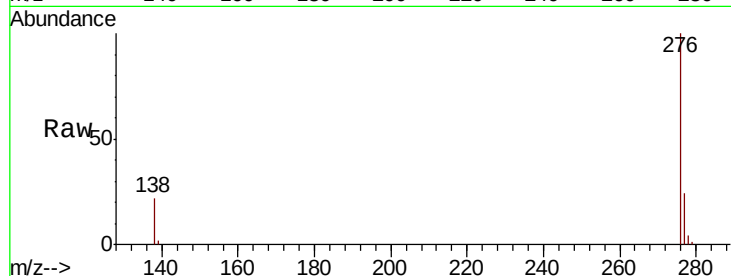
Acq: 28 Jun 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MS



Tgt Ion: 276 Resp: 86505

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 21.7 17.7 26.5

