

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006628.D
 Acq On : 28 Jun 2019 23:54
 Operator : HP/JU
 Sample : K3445-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-001-SW100-061719

Quant Time: Jun 29 01:13:51 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	3989	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16434	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	10647	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	25570	0.40	ng	0.00
27) Chrysene-d12	21.25	240	26095	0.40	ng	-0.02
34) Perylene-d12	23.48	264	26359	0.40	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	2940	0.30	ng	0.00
5) Phenol-d6	6.82	99	4428	0.34	ng	0.00
8) Nitrobenzene-d5	8.81	82	3175	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	12.00	152	9444	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1333	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	12294	0.31	ng	0.00
25) Fluoranthene-d10	19.08	212	29346	0.39	ng	0.00
29) Terphenyl-d14	19.68	244	21921	0.40	ng	0.00

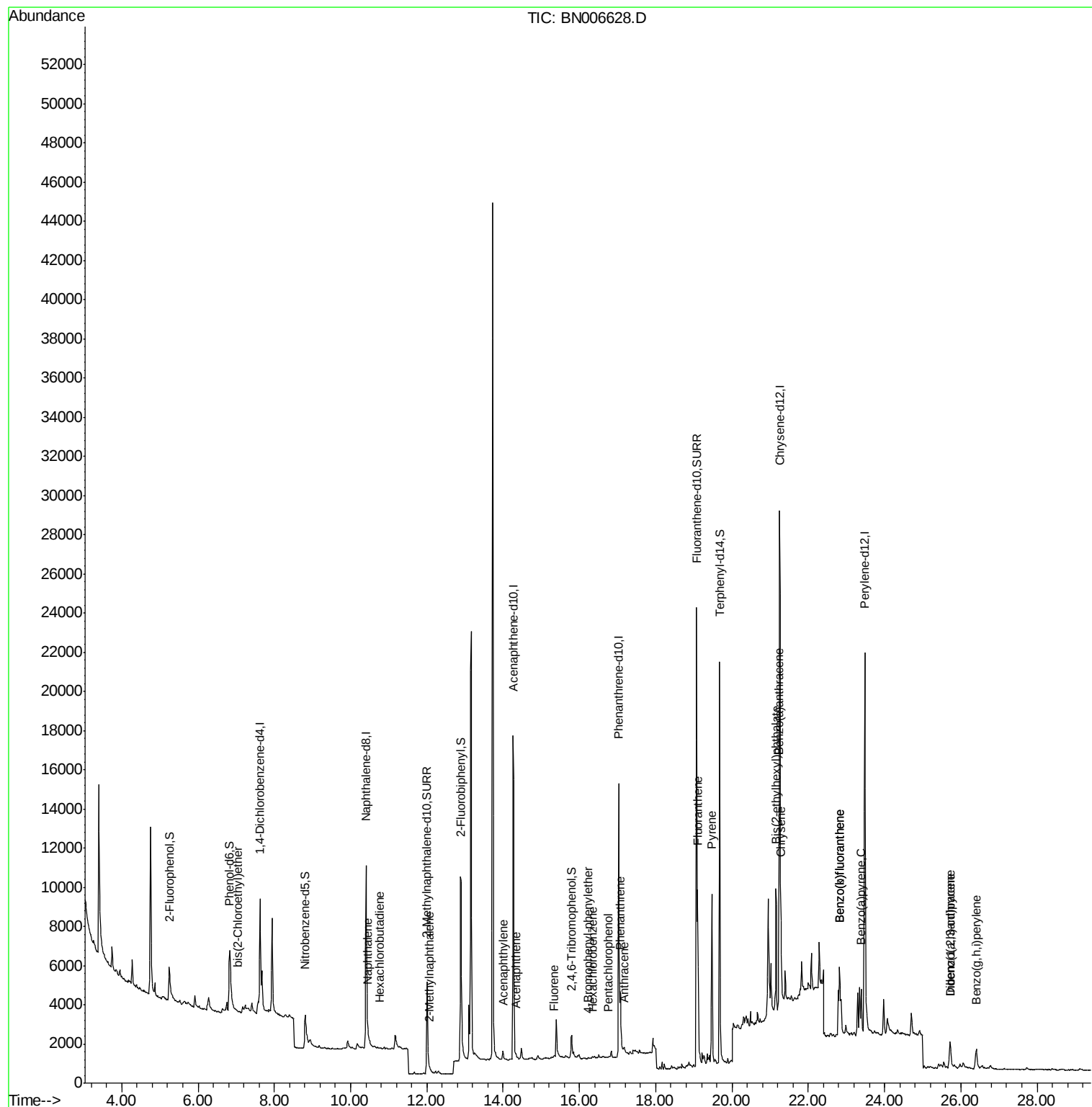
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) bis(2-Chloroethyl)ether	7.05	93	8	0.001	ng	# 1
9) Naphthalene	10.45	128	189	0.004	ng	# 4
10) Hexachlorobutadiene	10.76	225	2	0.000	ng	# 18
12) 2-Methylnaphthalene	12.08	142	108	0.004	ng	# 59
16) Acenaphthylene	14.00	152	627	0.012	ng	97
17) Acenaphthene	14.33	154	84	0.003	ng	# 84
18) Fluorene	15.34	166	129	0.003	ng	# 88
20) 4-Bromophenyl-phenylether	16.23	248	6	0.000	ng	# 42
21) Hexachlorobenzene	16.34	284	8	0.000	ng	# 1
22) Pentachlorophenol	16.76	266	14	0.195	ng	# 73
23) Phenanthrene	17.08	178	3404	0.047	ng	# 96
24) Anthracene	17.17	178	515	0.008	ng	# 93
26) Fluoranthene	19.11	202	8163	0.092	ng	# 93
28) Pyrene	19.47	202	8516	0.093	ng	98
30) Benzo(a)anthracene	21.24	228	3636	0.043	ng	# 91
31) Chrysene	21.29	228	4699	0.051	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.15	149	6703	0.156	ng	98
33) Indeno(1,2,3-cd)pyrene	25.72	276	2184	0.023	ng	98
35) Benzo(b)fluoranthene	22.82	252	5775	0.064	ng	# 65
36) Benzo(k)fluoranthene	22.82	252	5775	0.060	ng	# 64
37) Benzo(a)pyrene	23.39	252	3269	0.039	ng	# 51
38) Dibenzo(a,h)anthracene	25.72	278	550	0.008	ng	# 1
39) Benzo(g,h,i)perylene	26.41	276	2277	0.031	ng	# 75

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

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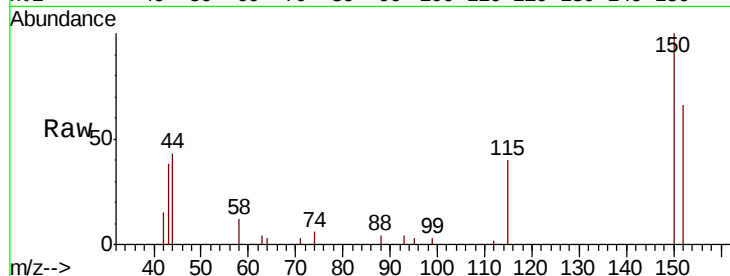


#1

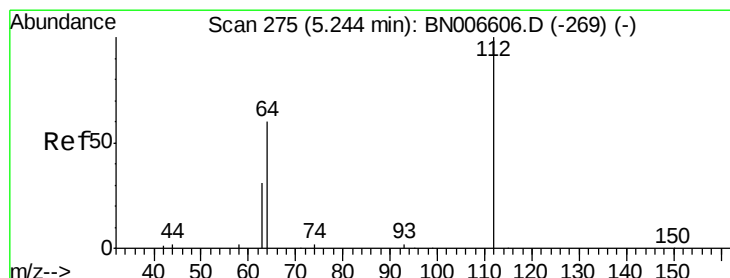
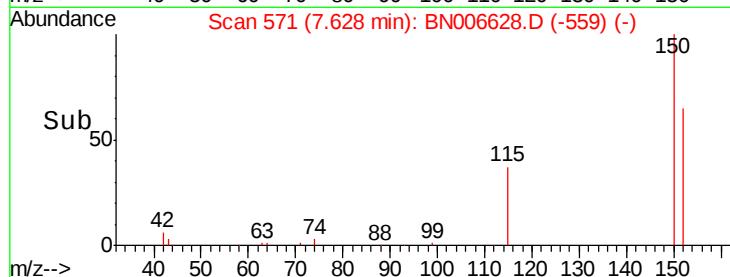
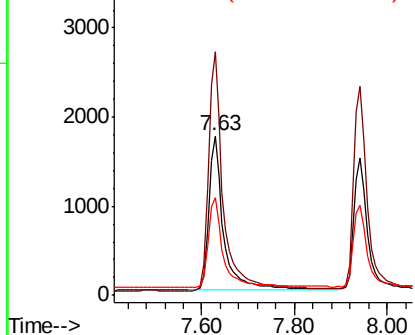
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:152 Resp: 3989
Ion Ratio Lower Upper
152 100
150 152.5 122.2 183.2
115 61.0 50.0 75.0



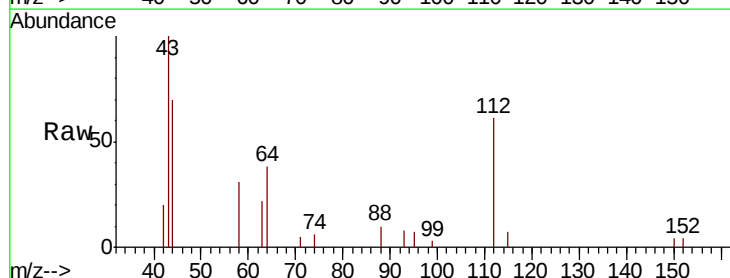
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



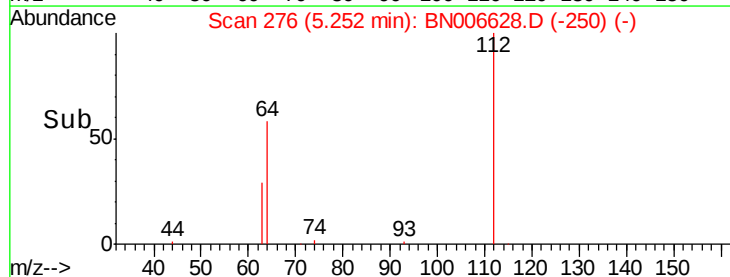
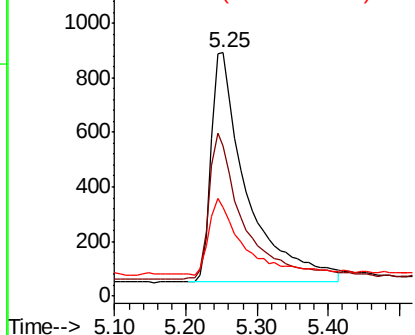
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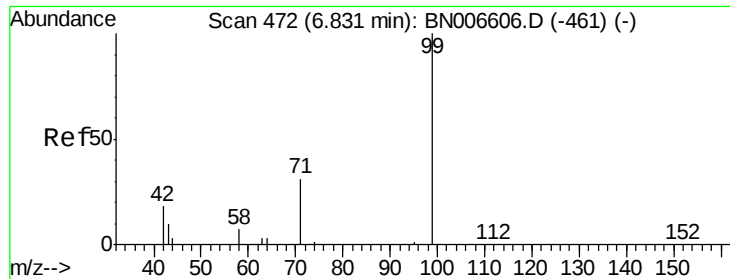
2-Fluorophenol
Concen: 0.300 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:112 Resp: 2940
Ion Ratio Lower Upper
112 100
64 62.1 48.9 73.3
63 31.6 24.3 36.5



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: 0.342 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

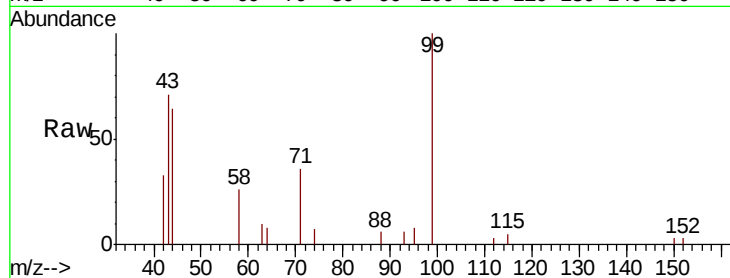
Tgt Ion: 99 Resp: 4428

Ion Ratio Lower Upper

99 100

42 24.7 16.4 24.6#

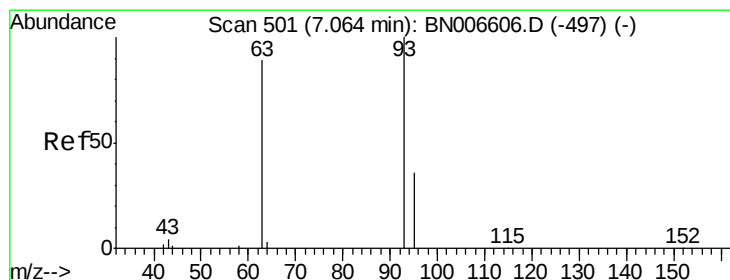
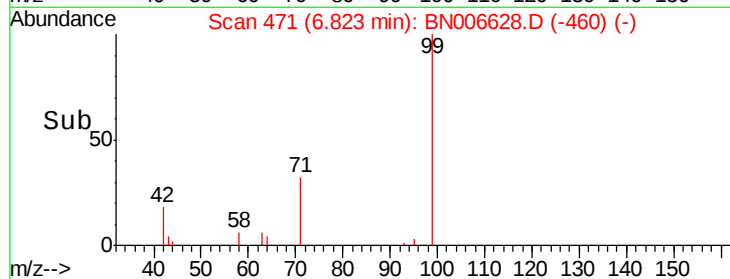
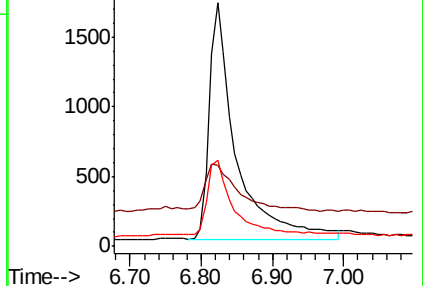
71 30.4 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006628.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006628.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006628.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.02 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

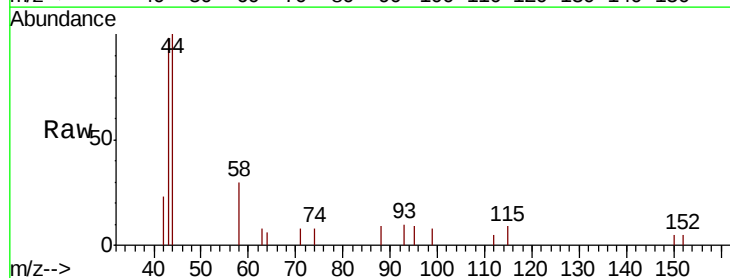
Tgt Ion: 93 Resp: 8

Ion Ratio Lower Upper

93 100

63 0.0 52.5 78.7#

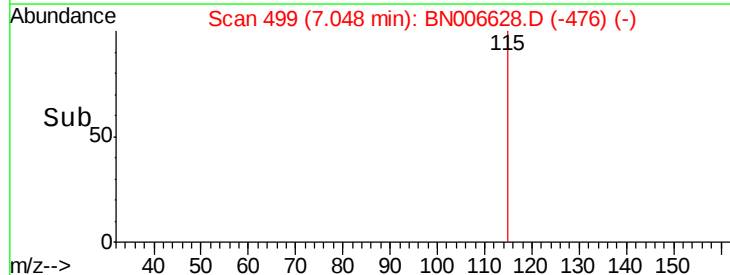
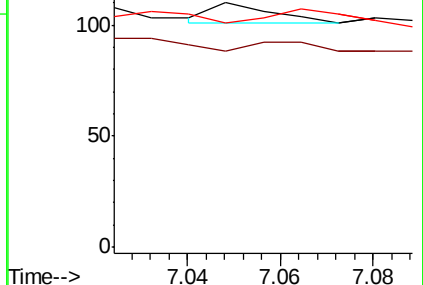
95 225.0 24.2 36.4#

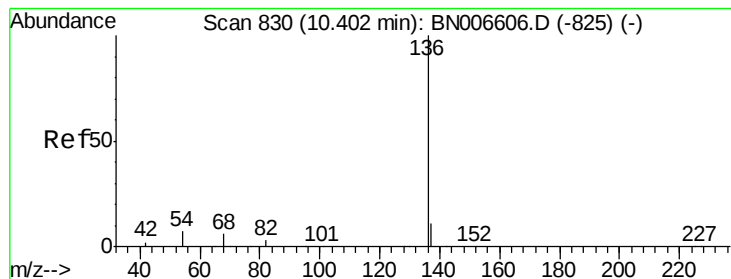


Abundance Ion 93.00 (92.70 to 93.70): BN006628.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006628.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006628.D (-476) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

Tgt Ion: 136 Resp: 16434

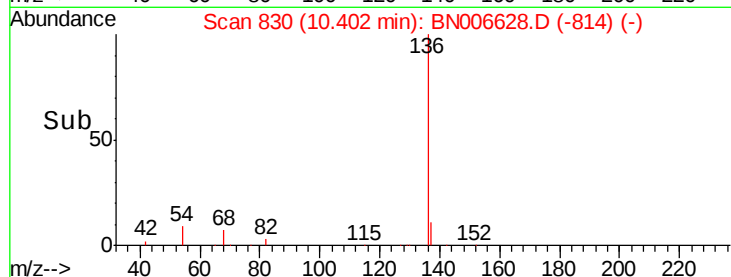
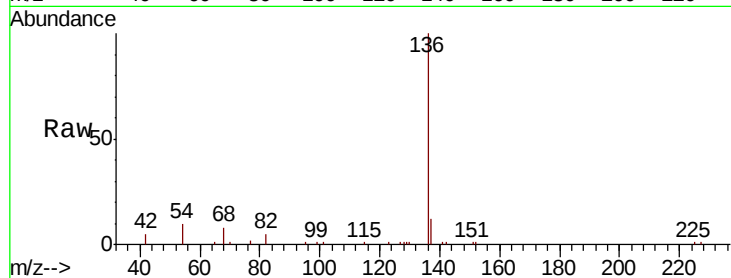
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 9.9 6.7 10.1

68 7.7 5.3 7.9

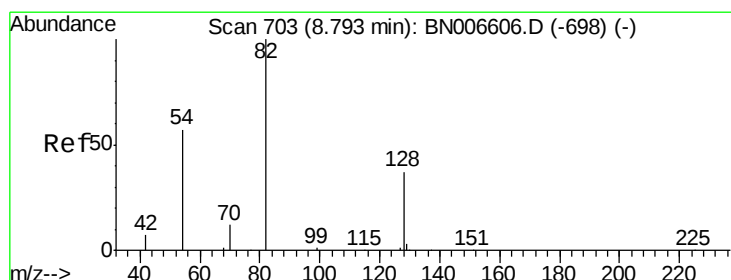
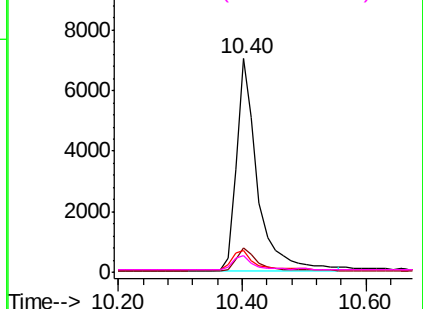


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.287 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

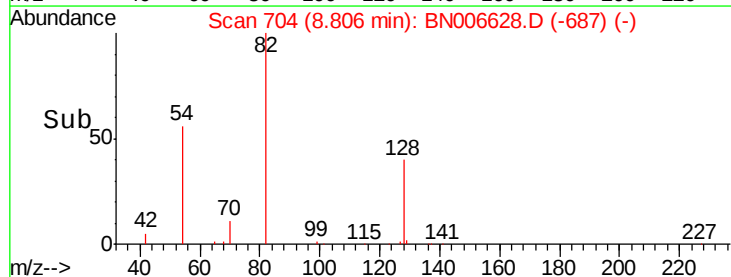
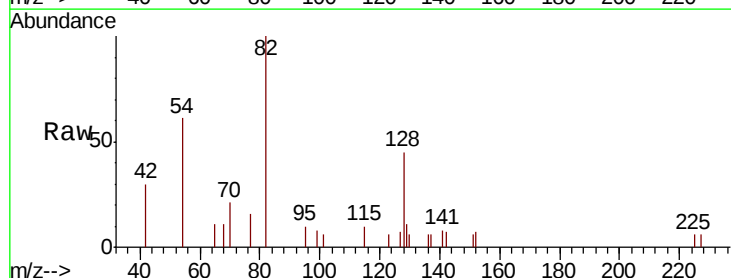
Tgt Ion: 82 Resp: 3175

Ion Ratio Lower Upper

82 100

128 44.9 32.6 49.0

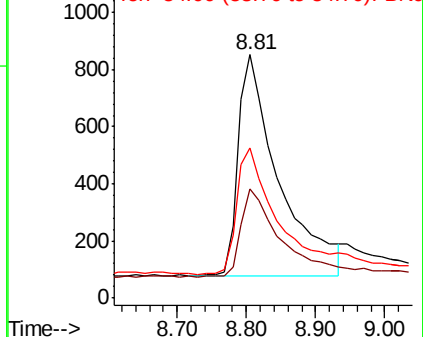
54 61.4 48.2 72.4

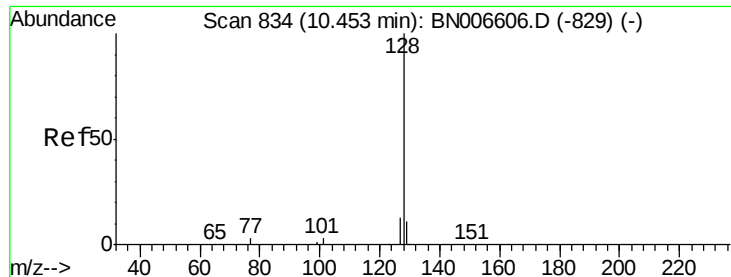


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.004 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

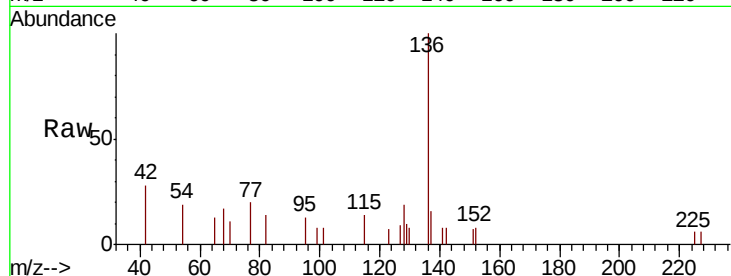
Tgt Ion:128 Resp: 189

Ion Ratio Lower Upper

128 100

129 54.3 9.3 13.9#

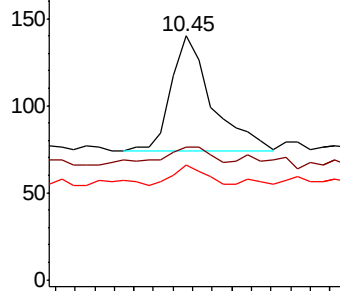
127 47.1 10.8 16.2#



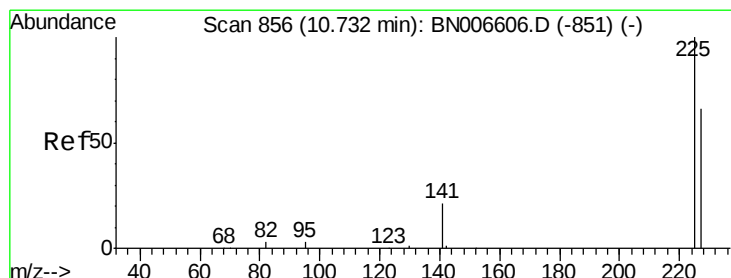
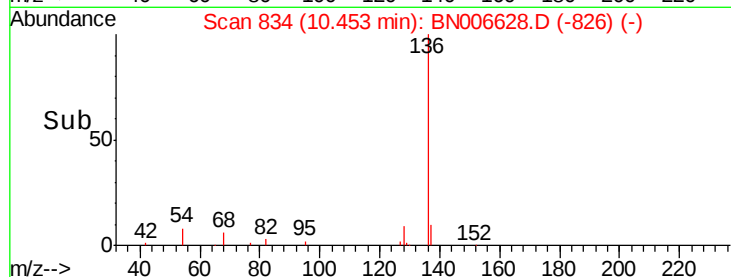
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.000 ng

RT: 10.76 min Scan# 858

Delta R.T. 0.03 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

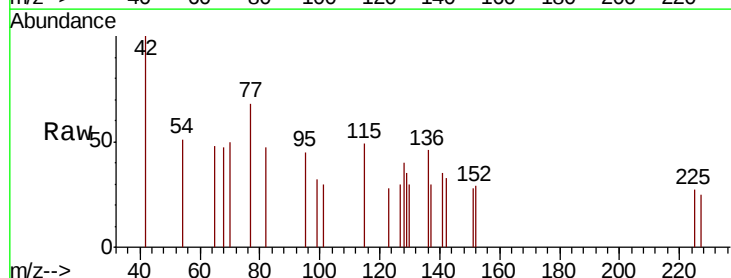
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

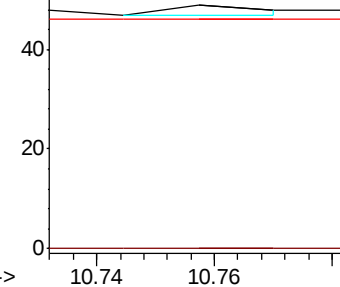
227 0.0 51.4 77.2#



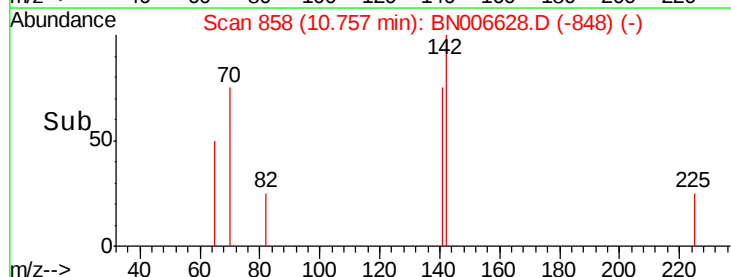
Abundance Ion 225.00 (224.70 to 225.70): E

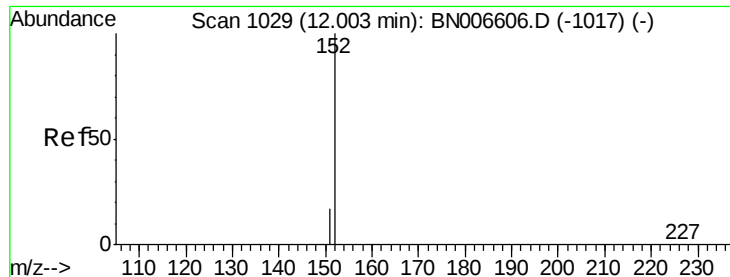
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

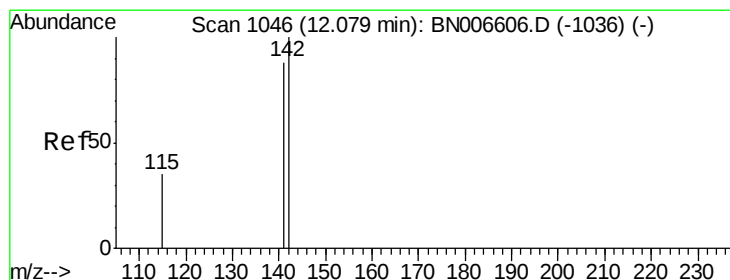
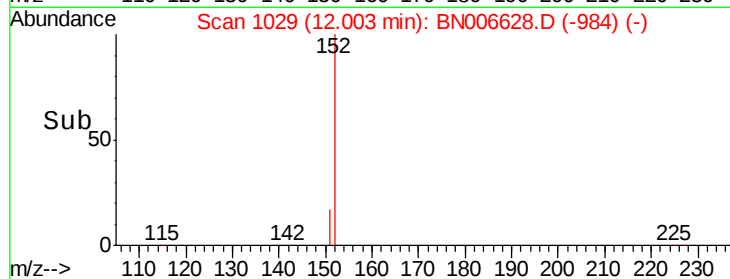
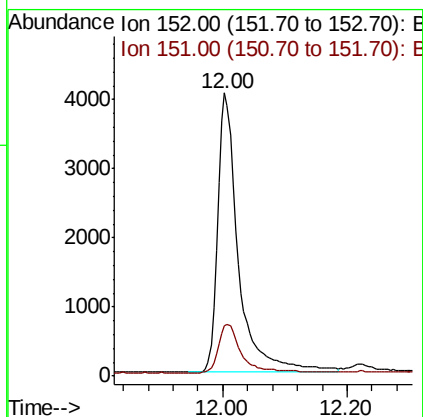
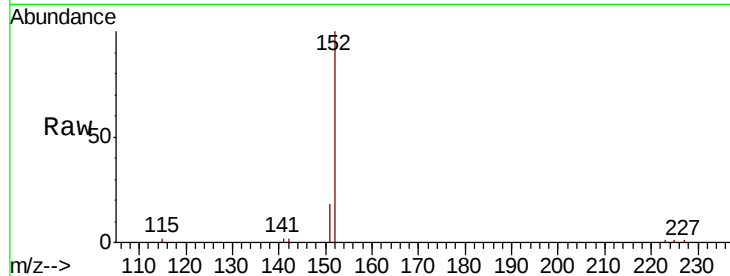




#11
 2-Methylnaphthalene-d10
 Concen: 0.365 ng
 RT: 12.00 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BN006628.D
 Acq: 28 Jun 2019 23:54

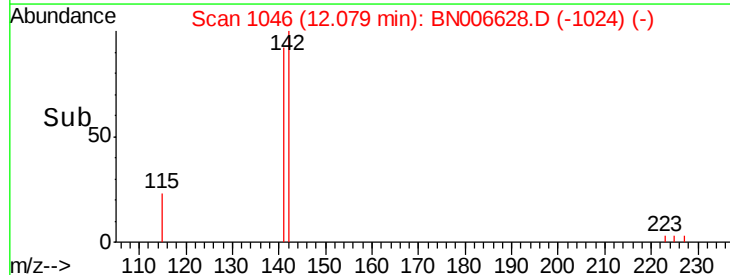
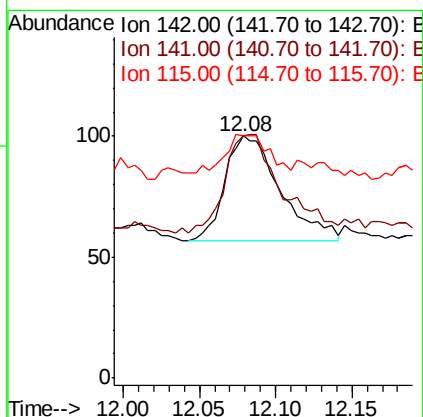
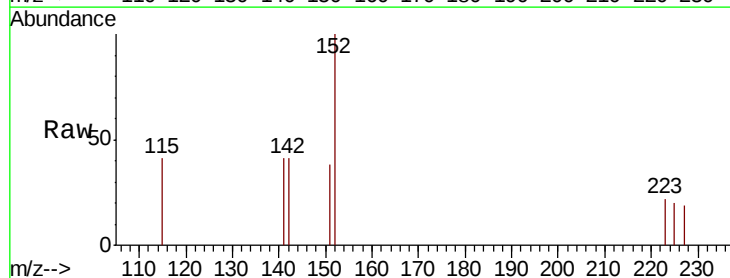
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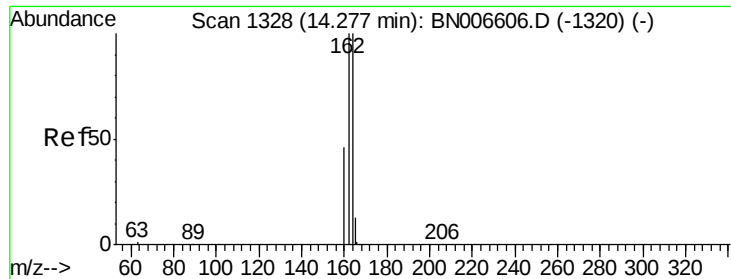
Tgt Ion:152 Resp: 9444
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.004 ng
 RT: 12.08 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BN006628.D
 Acq: 28 Jun 2019 23:54

Tgt Ion:142 Resp: 108
 Ion Ratio Lower Upper
 142 100
 141 100.0 70.2 105.4
 115 100.0 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: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

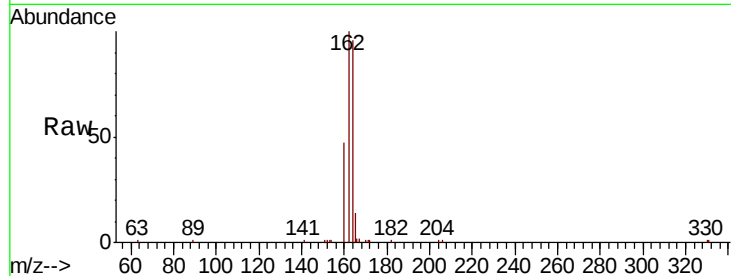
Tgt Ion:164 Resp: 10647

Ion Ratio Lower Upper

164 100

162 104.1 80.0 120.0

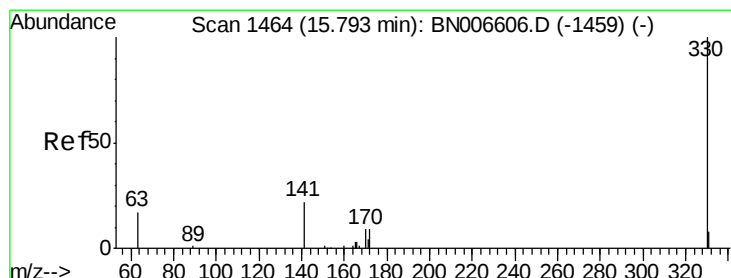
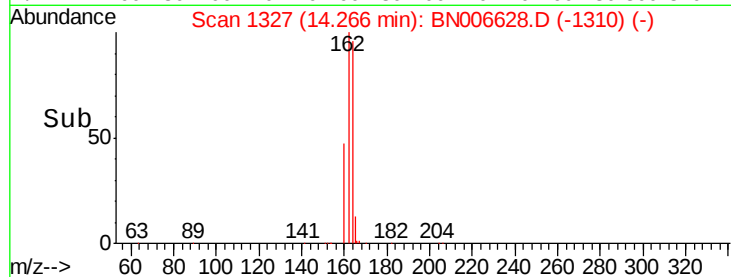
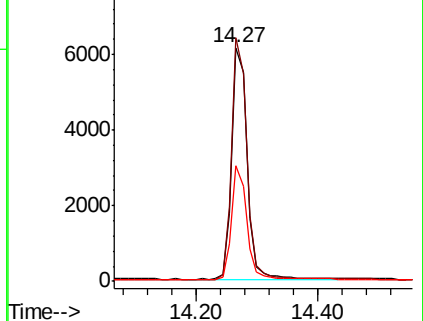
160 49.3 37.0 55.4



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: 0.266 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

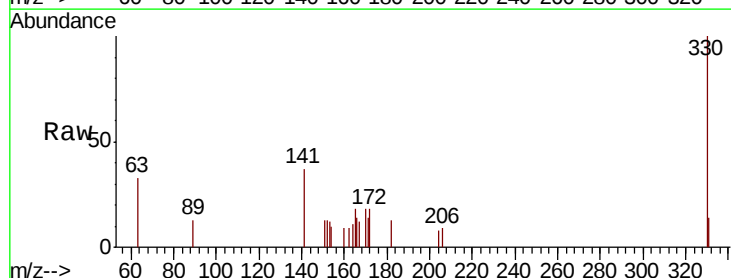
Tgt Ion:330 Resp: 1333

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

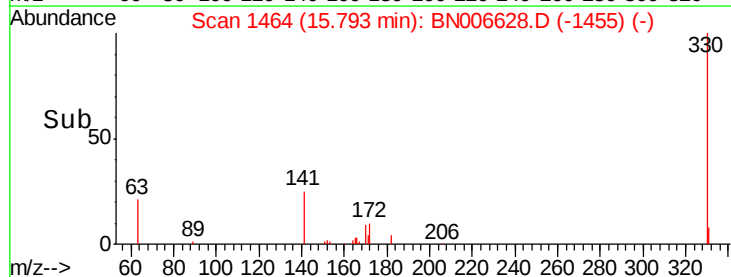
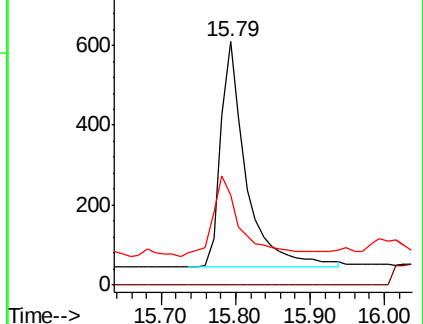
141 40.0 26.5 39.7#

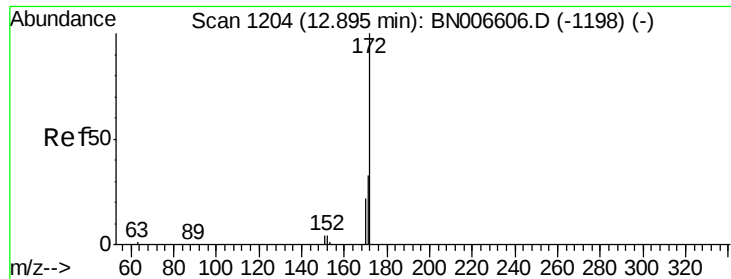


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

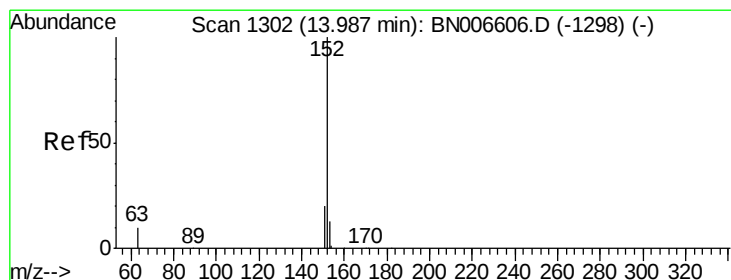
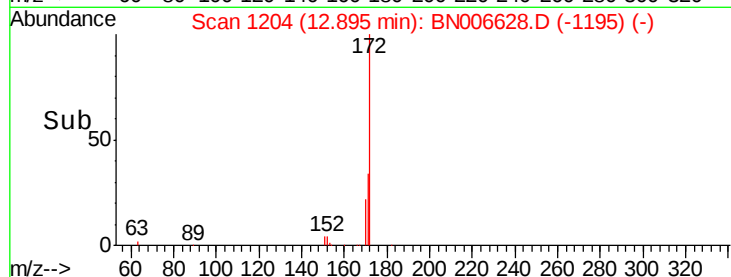
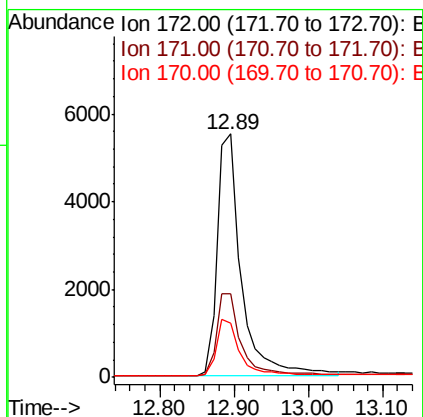
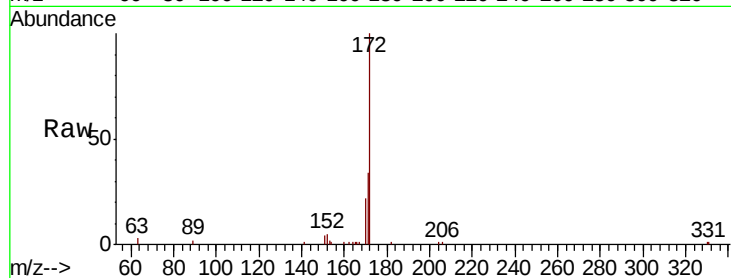




#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

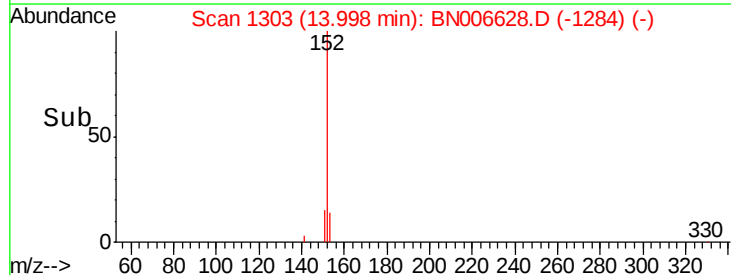
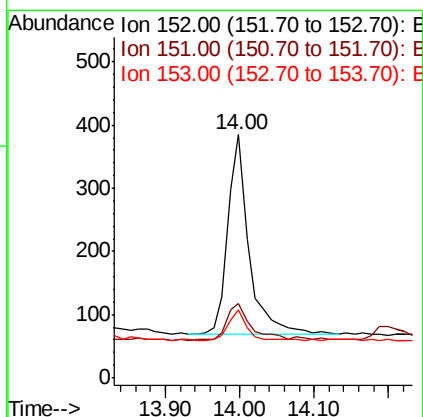
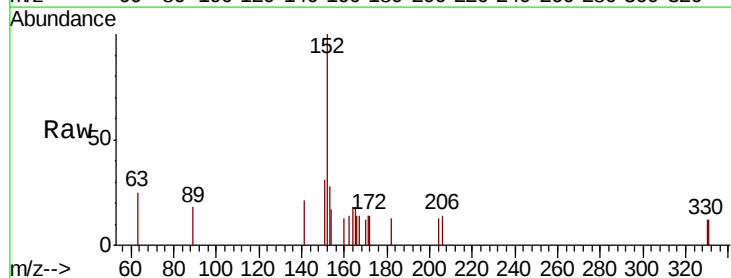
Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

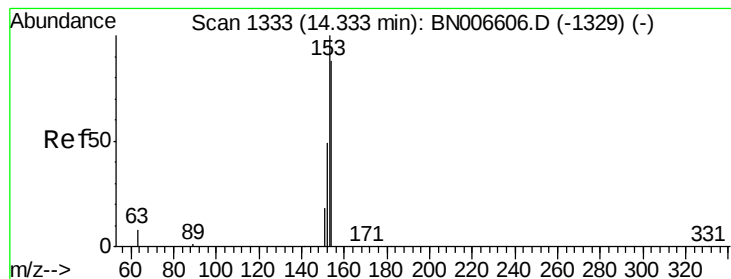
Tgt Ion:172 Resp: 12294
Ion Ratio Lower Upper
172 100
171 34.4 27.0 40.4
170 22.4 17.7 26.5



#16
Acenaphthylene
Concen: 0.012 ng
RT: 14.00 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:152 Resp: 627
Ion Ratio Lower Upper
152 100
151 21.7 15.6 23.4
153 13.7 10.5 15.7





#17

Acenaphthene

Concen: 0.003 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

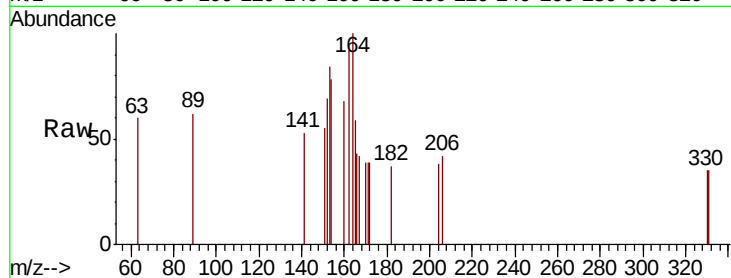
Tgt Ion:154 Resp: 84

Ion Ratio Lower Upper

154 100

153 104.8 90.2 135.4

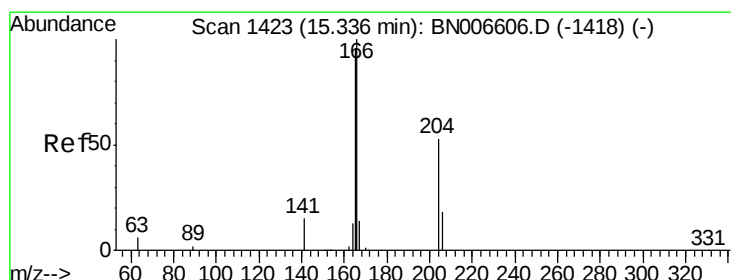
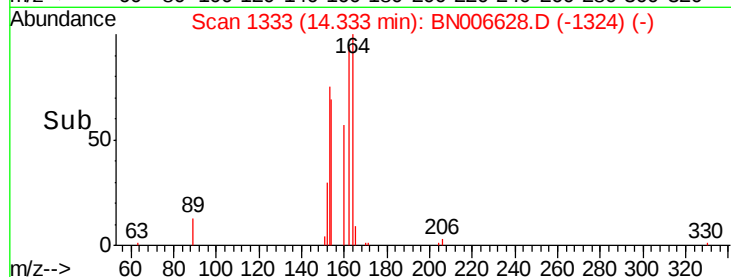
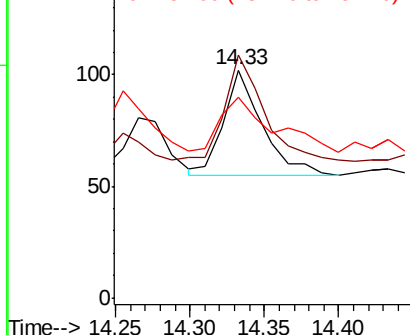
152 78.6 44.2 66.4#



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: 0.003 ng

RT: 15.34 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

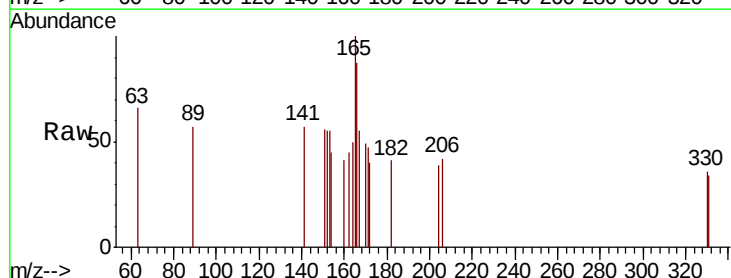
Tgt Ion:166 Resp: 129

Ion Ratio Lower Upper

166 100

165 107.0 78.4 117.6

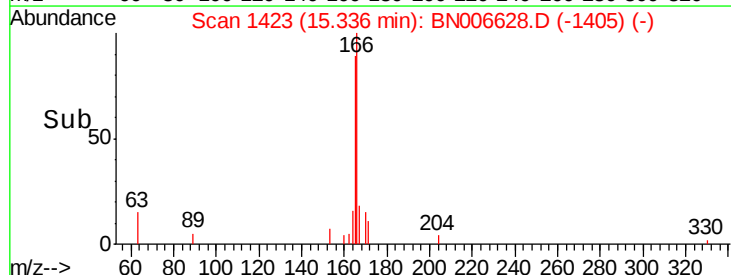
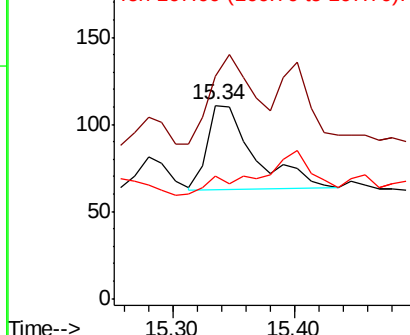
167 0.0 10.8 16.2#

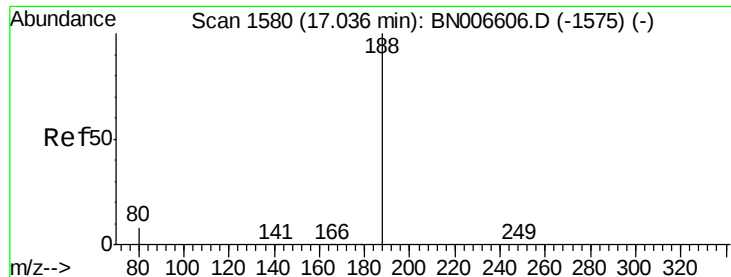


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.04 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

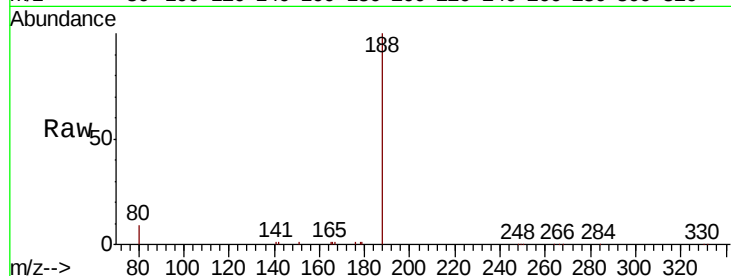
Tgt Ion:188 Resp: 25570

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

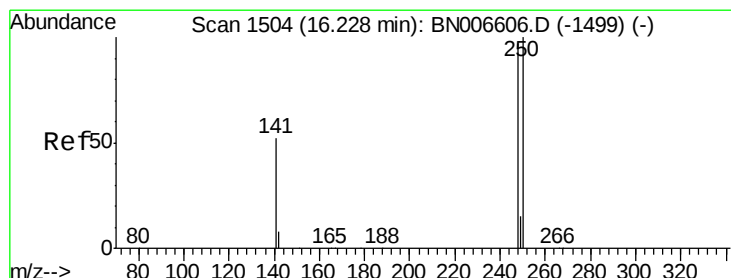
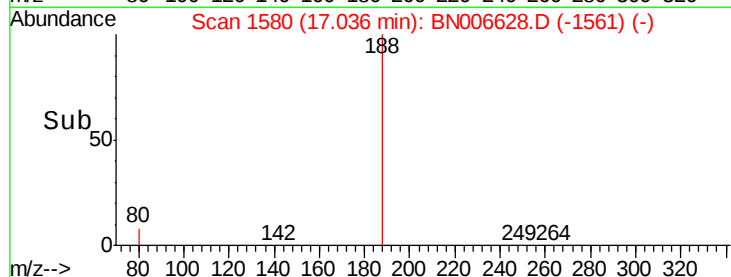
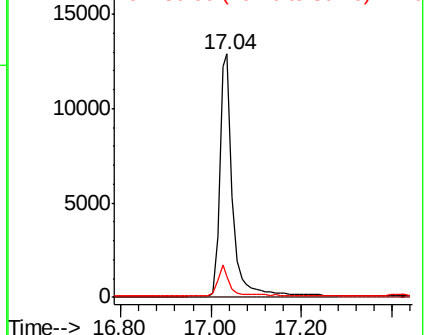
80 8.8 7.1 10.7



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: 0.000 ng

RT: 16.23 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

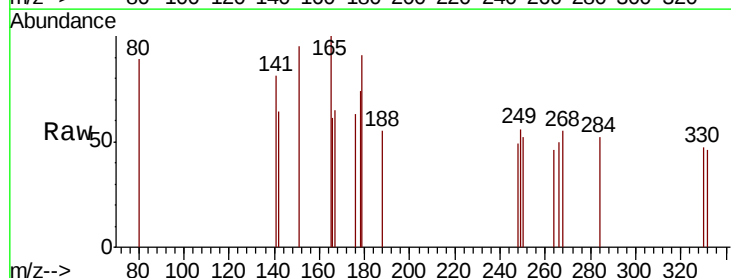
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 108.2 82.2 123.4

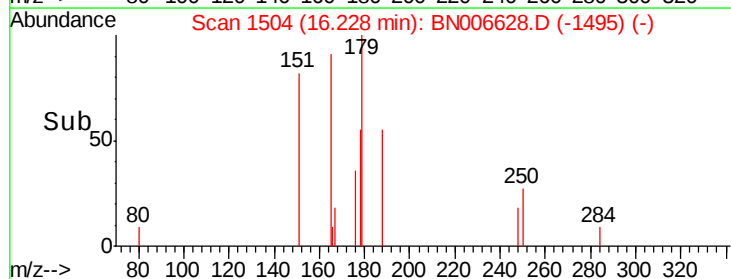
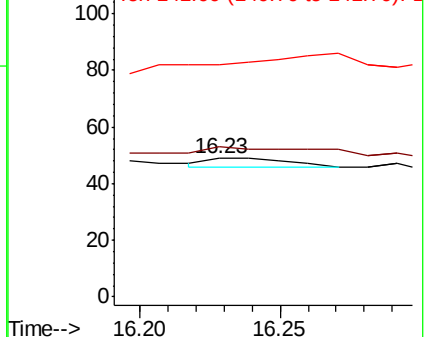
141 167.3 43.8 65.8#

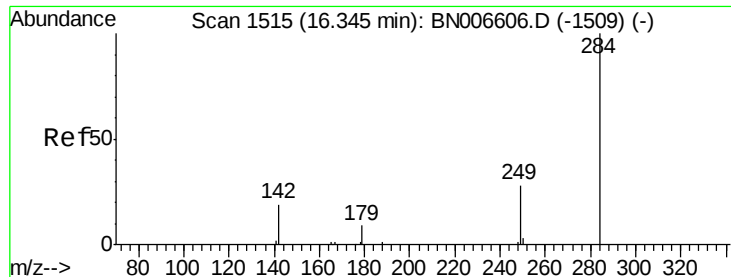


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

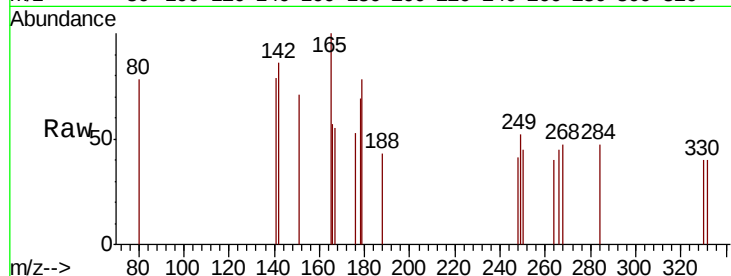
Tgt Ion:284 Resp: 8

Ion Ratio Lower Upper

284 100

142 762.5 27.5 41.3#

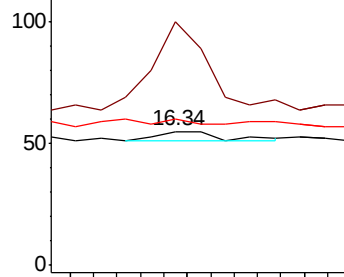
249 0.0 24.7 37.1#



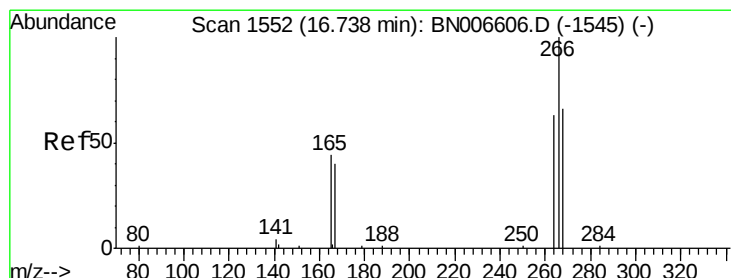
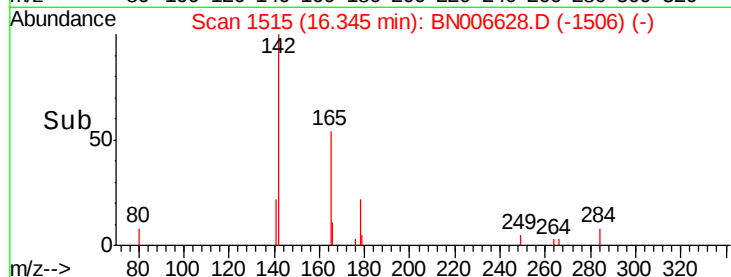
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time--> 16.30 16.35 16.40



#22

Pentachlorophenol

Concen: 0.195 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.02 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

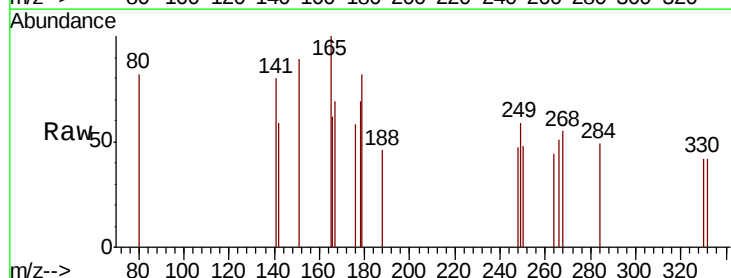
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 87.3 56.2 84.4#

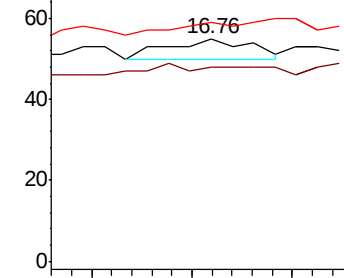
268 107.3 63.0 94.4#



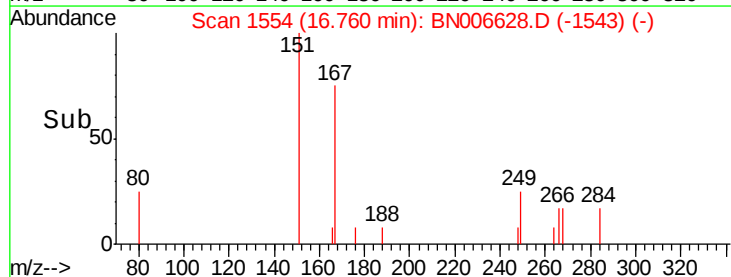
Abundance Ion 266.00 (265.70 to 266.70): E

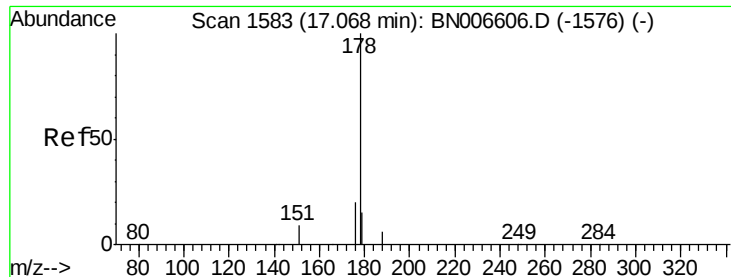
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time--> 16.70 16.75 16.80





#23

Phenanthrene

Concen: 0.047 ng

RT: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

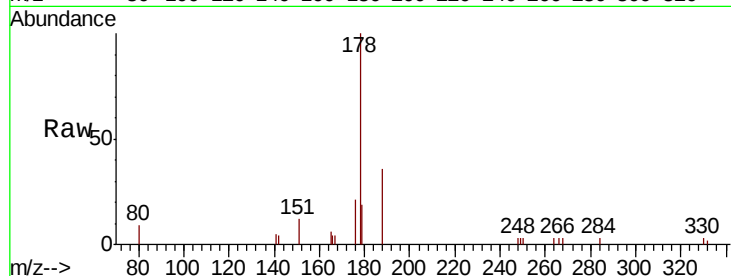
Tgt Ion:178 Resp: 3404

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

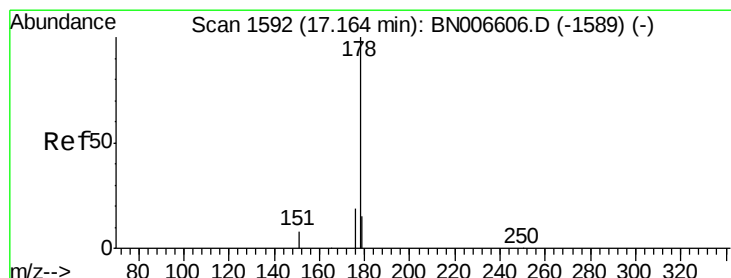
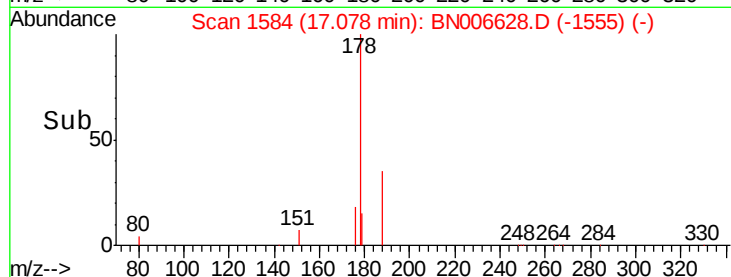
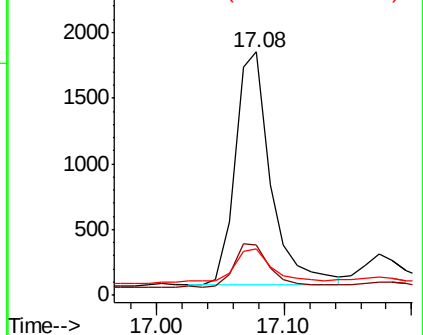
179 18.8 12.2 18.4#



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: 0.008 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

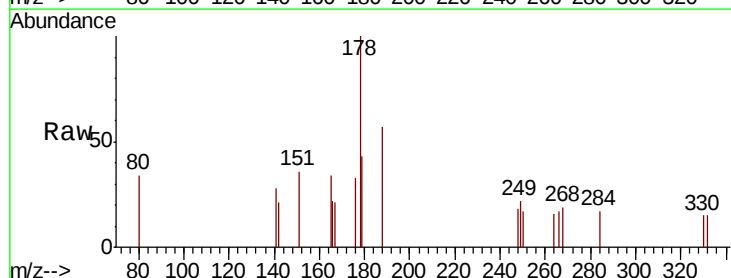
Tgt Ion:178 Resp: 515

Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.4

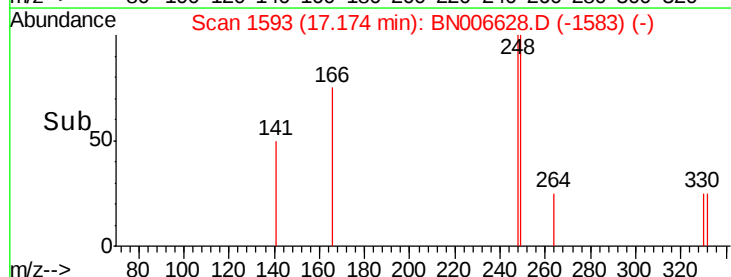
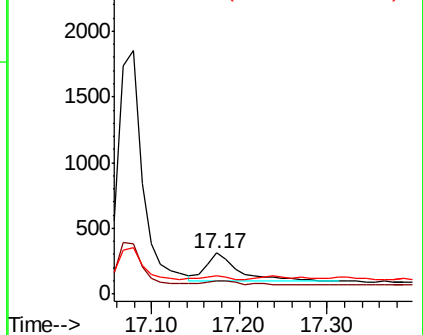
179 10.1 12.2 18.2#

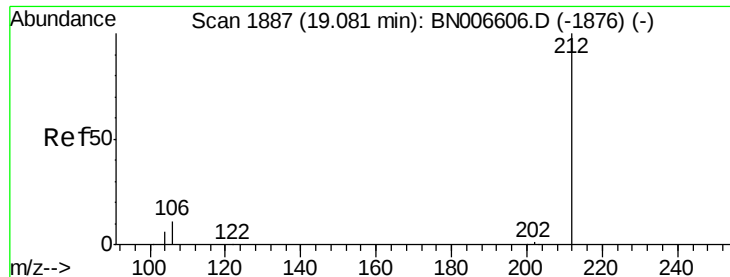


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

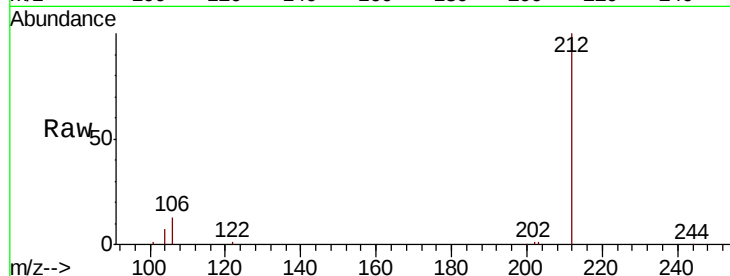
Tgt Ion:212 Resp: 29346

Ion Ratio Lower Upper

212 100

106 13.3 10.6 15.8

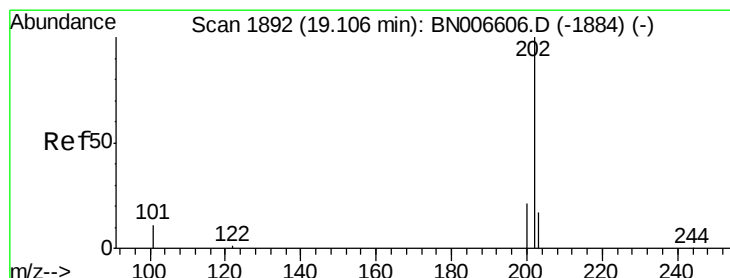
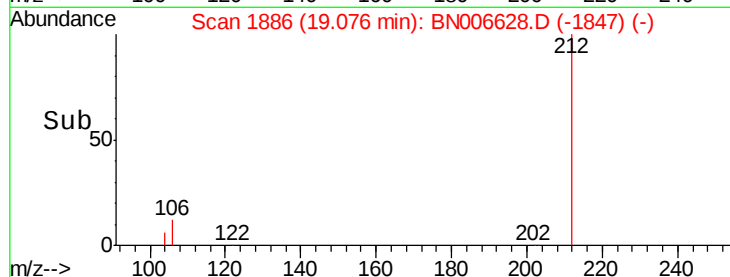
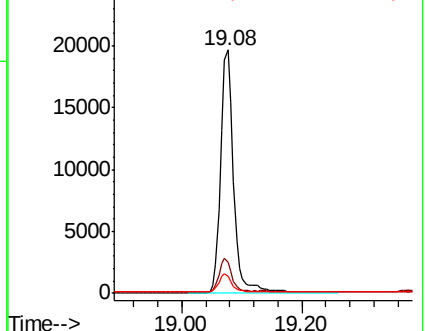
104 7.5 5.8 8.6



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: 0.092 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

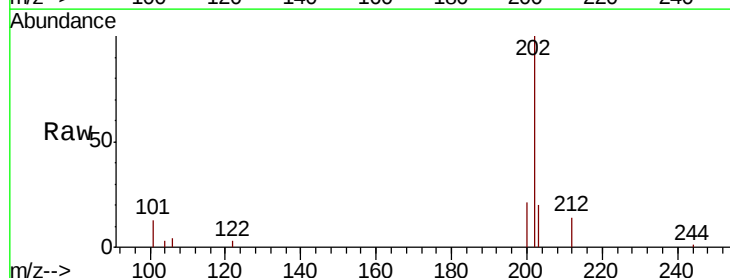
Tgt Ion:202 Resp: 8163

Ion Ratio Lower Upper

202 100

101 17.1 8.9 13.3#

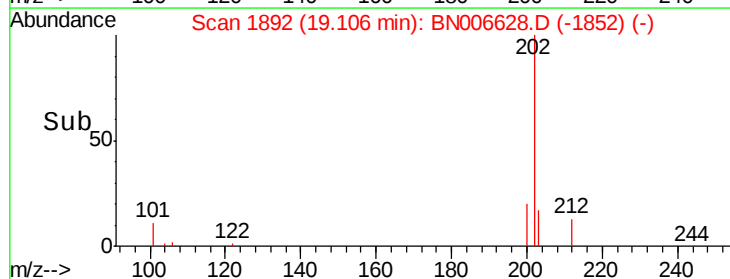
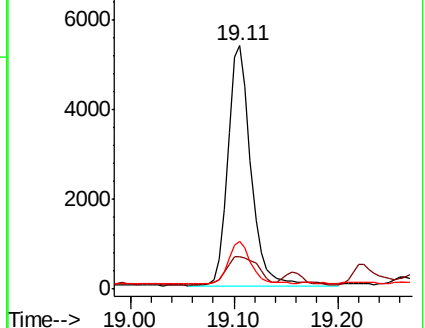
203 17.5 13.6 20.4

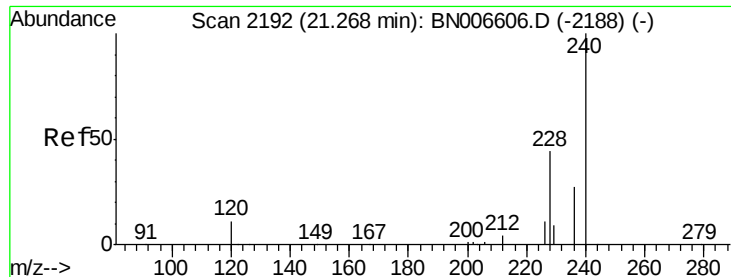


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

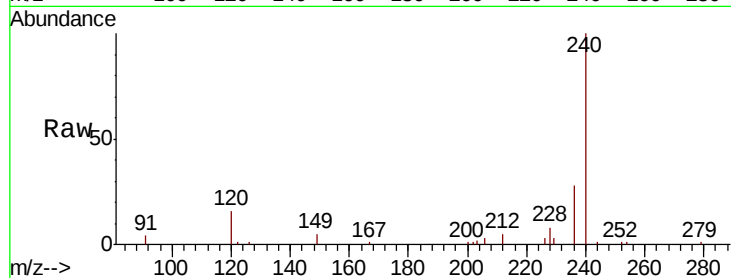
Tgt Ion:240 Resp: 26095

Ion Ratio Lower Upper

240 100

120 16.1 9.9 14.9#

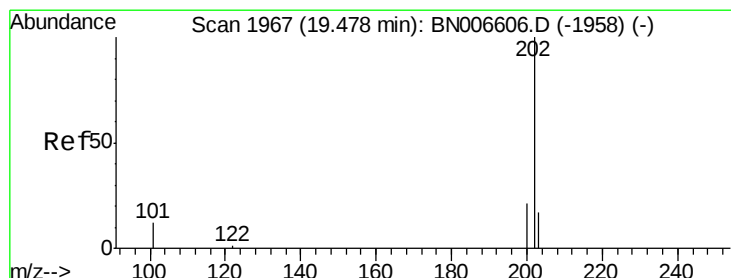
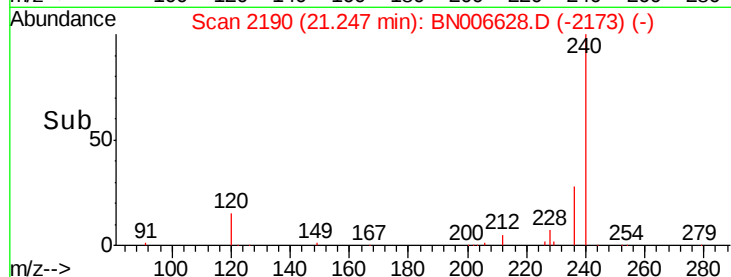
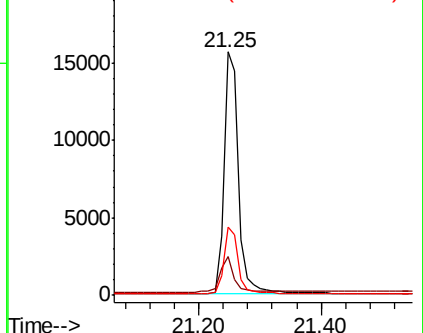
236 28.2 22.2 33.4



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: 0.093 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

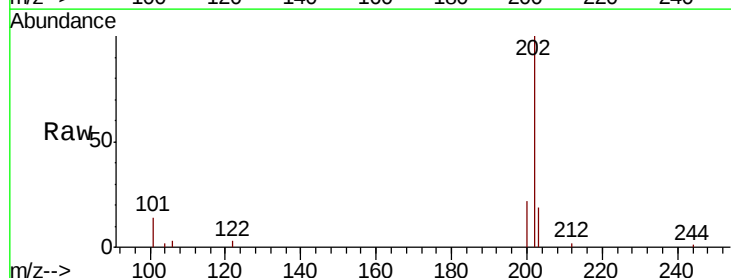
Tgt Ion:202 Resp: 8516

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

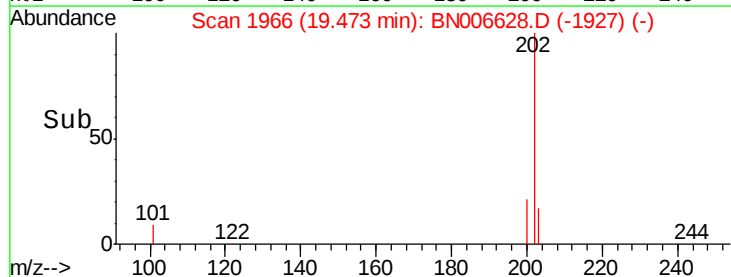
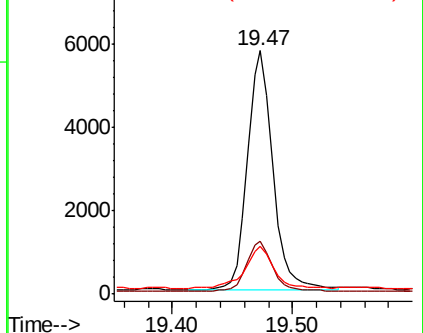
203 19.7 14.1 21.1

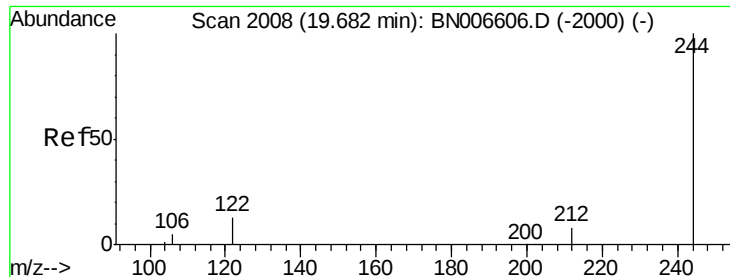


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

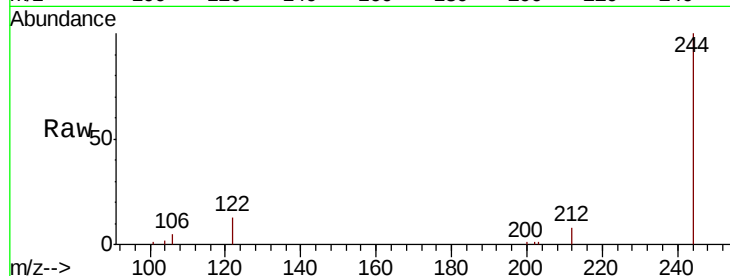
Tgt Ion:244 Resp: 21921

Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

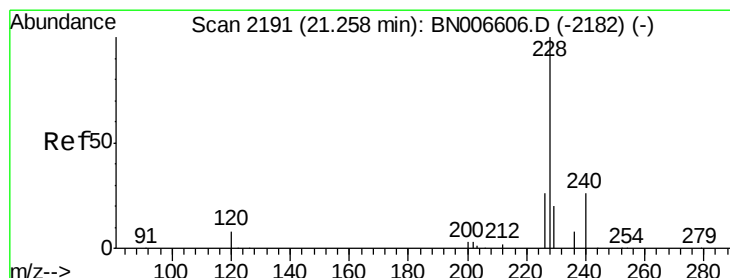
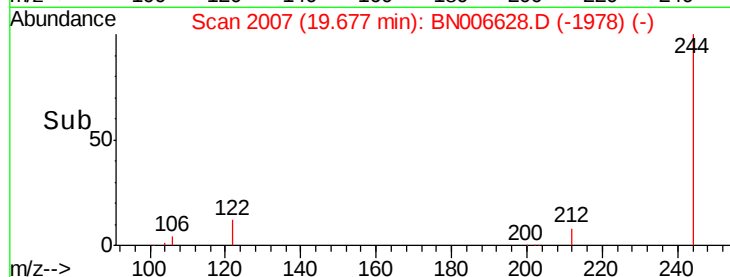
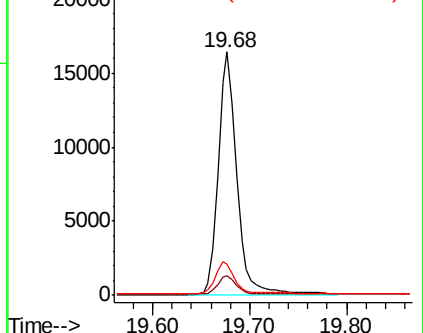
122 12.7 11.0 16.6



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: 0.043 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

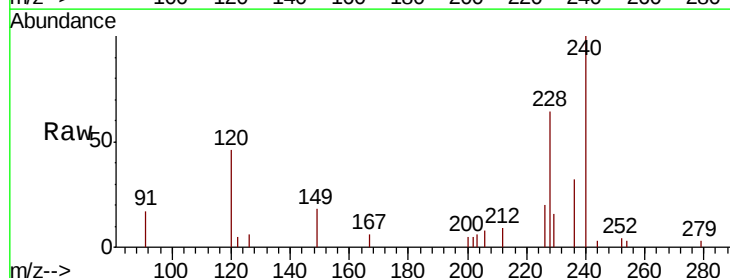
Tgt Ion:228 Resp: 3636

Ion Ratio Lower Upper

228 100

226 30.5 21.2 31.8

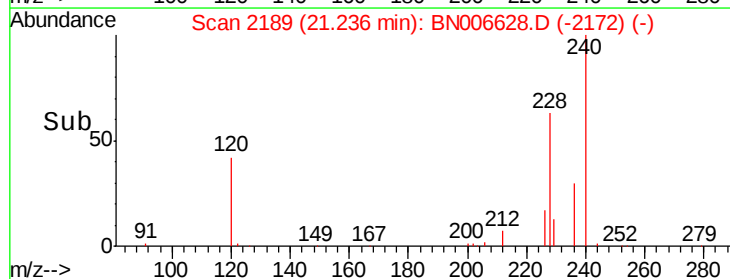
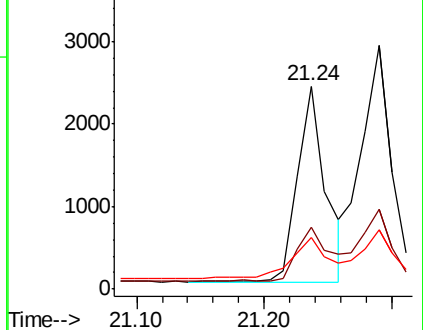
229 25.5 16.1 24.1#

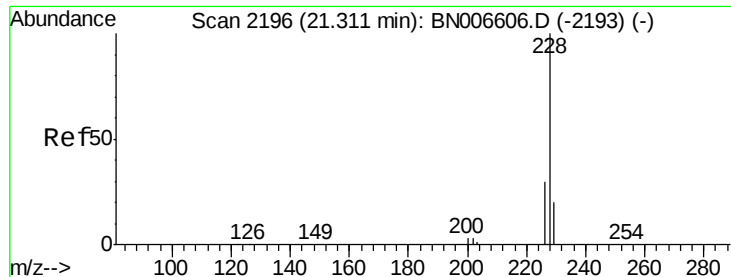


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.051 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

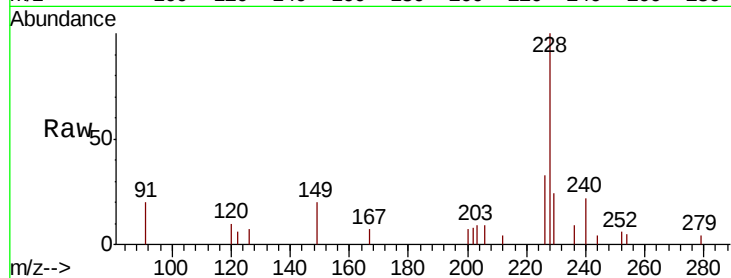
Tgt Ion:228 Resp: 4699

Ion Ratio Lower Upper

228 100

226 32.8 23.8 35.6

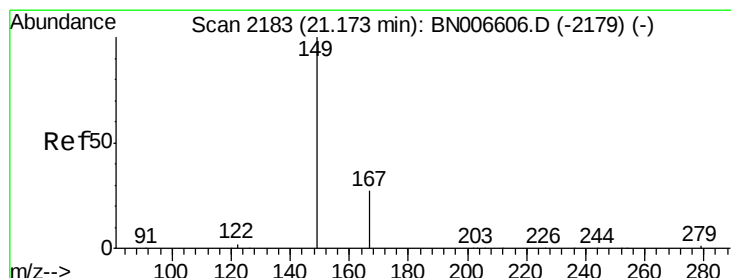
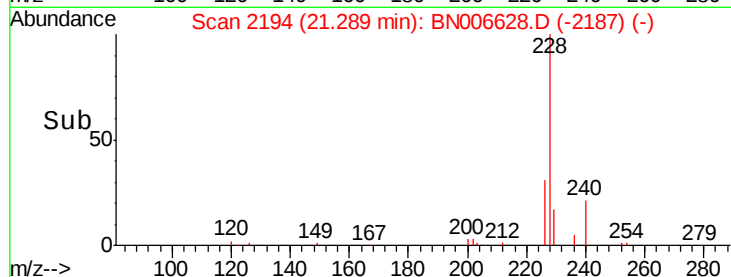
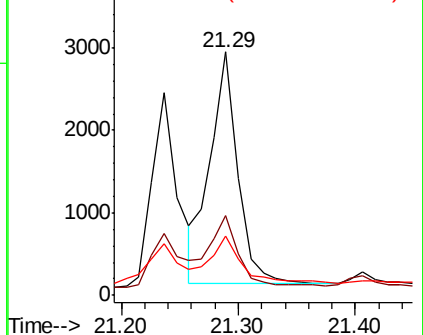
229 24.2 15.9 23.9#



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: 0.156 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

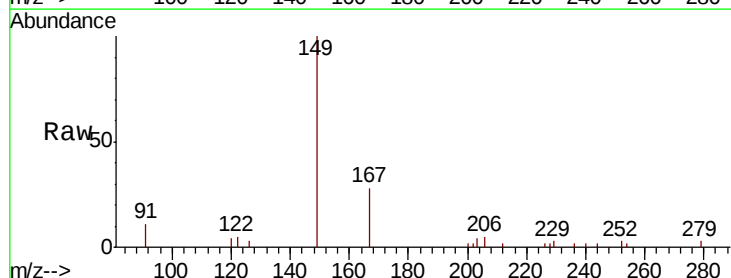
Tgt Ion:149 Resp: 6703

Ion Ratio Lower Upper

149 100

167 29.6 22.9 34.3

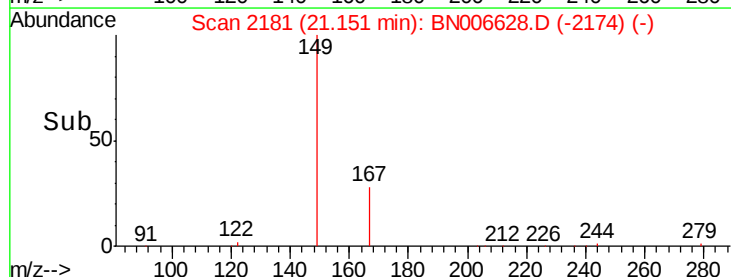
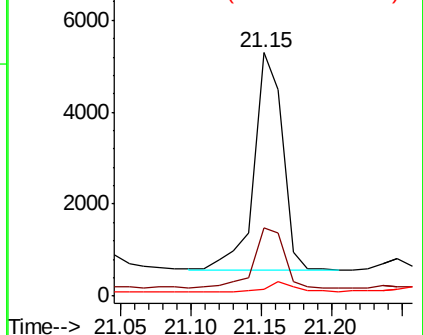
279 4.2 3.3 4.9

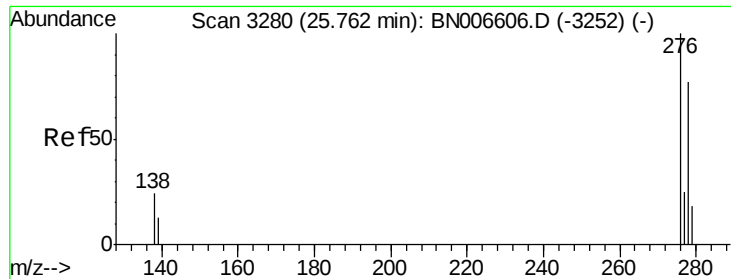


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.023 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.04 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

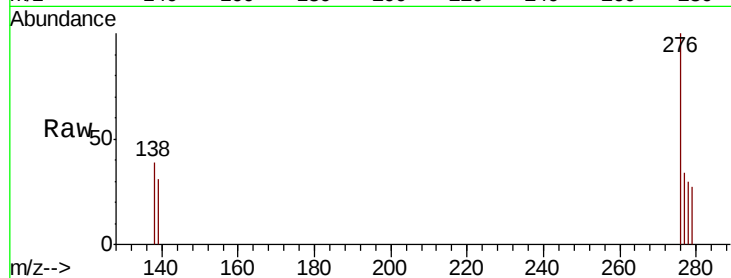
Tgt Ion: 276 Resp: 2184

Ion Ratio Lower Upper

276 100

138 25.9 19.3 28.9

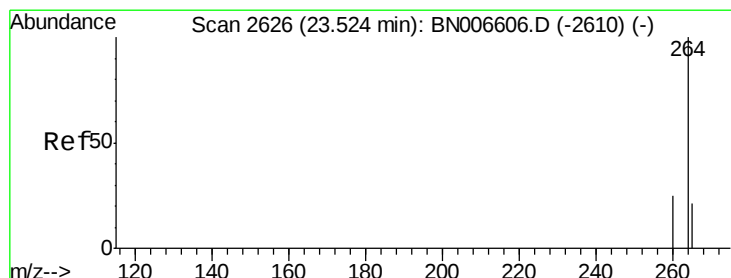
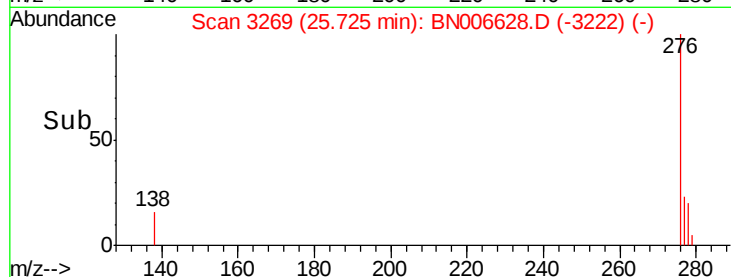
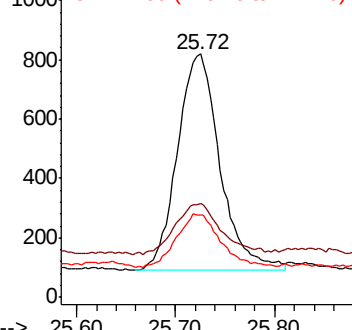
277 25.5 19.9 29.9



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: BN006628.D

Acq: 28 Jun 2019 23:54

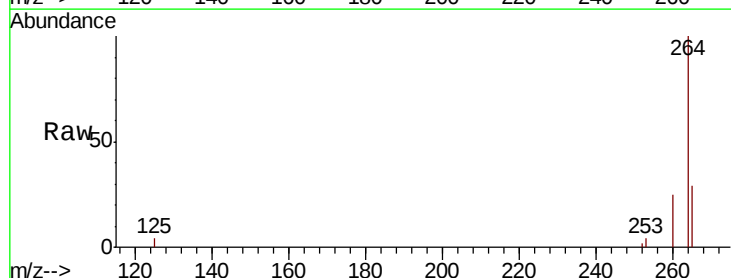
Tgt Ion: 264 Resp: 26359

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

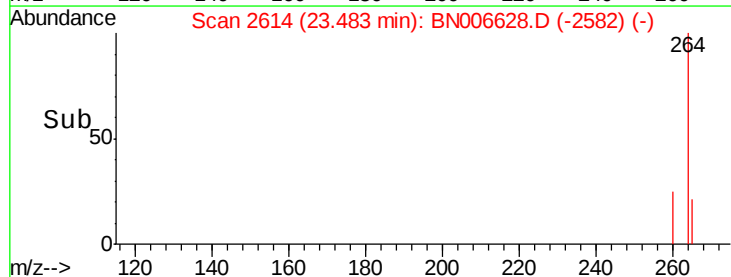
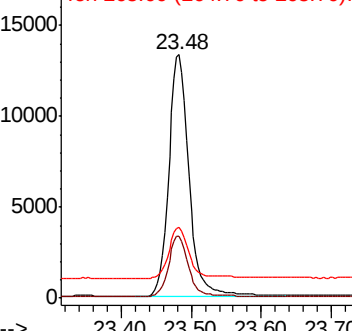
265 29.3 23.3 34.9

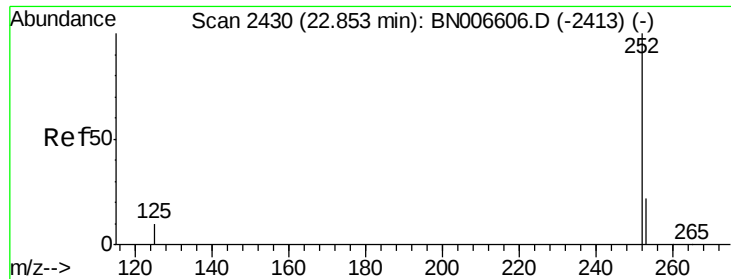


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.064 ng

RT: 22.82 min Scan# 2421

Delta R.T. -0.03 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

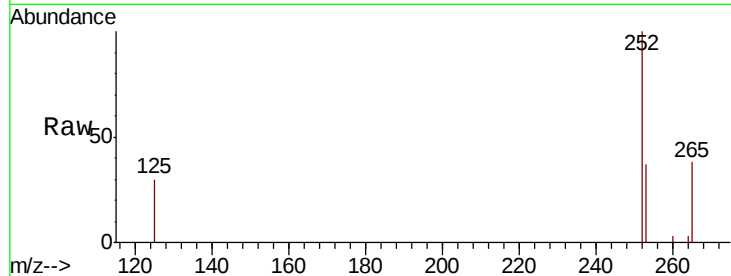
Tgt Ion:252 Resp: 5775

Ion Ratio Lower Upper

252 100

253 36.9 18.4 27.6#

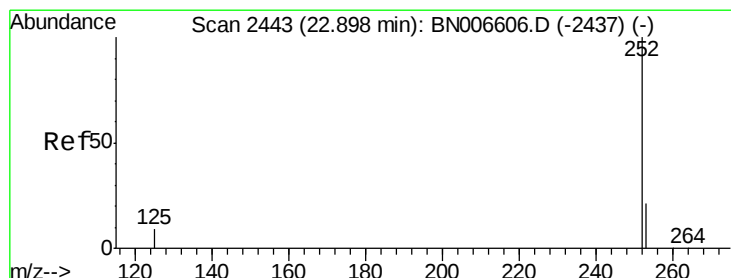
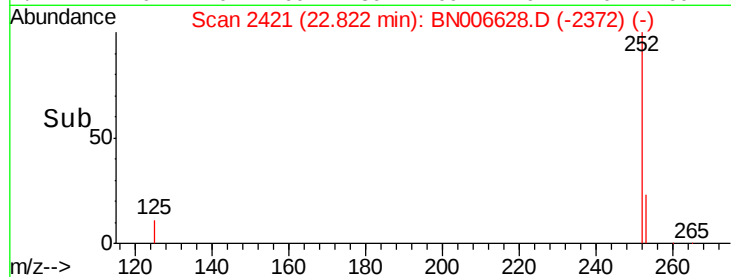
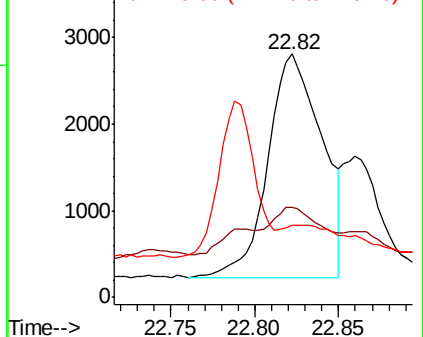
125 29.5 8.7 13.1#



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: 0.060 ng

RT: 22.82 min Scan# 2421

Delta R.T. -0.08 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

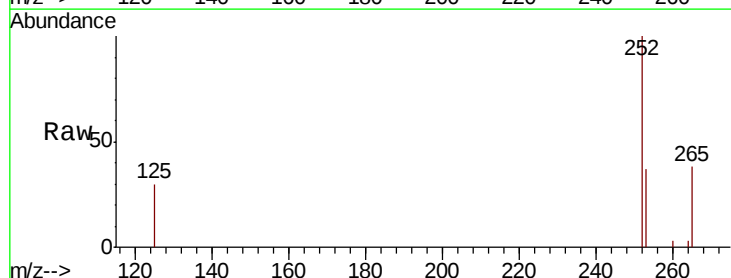
Tgt Ion:252 Resp: 5775

Ion Ratio Lower Upper

252 100

253 36.9 18.3 27.5#

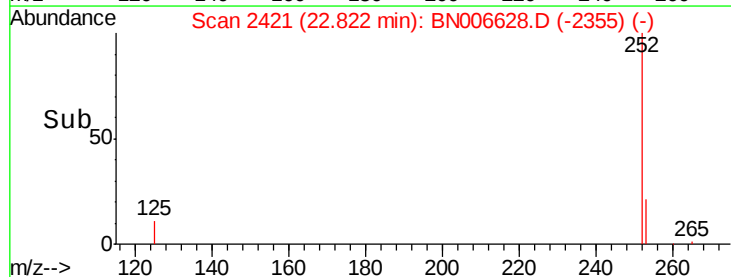
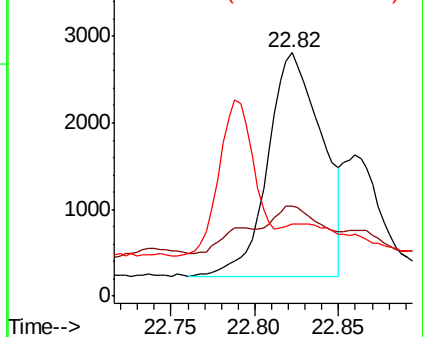
125 29.5 8.4 12.6#

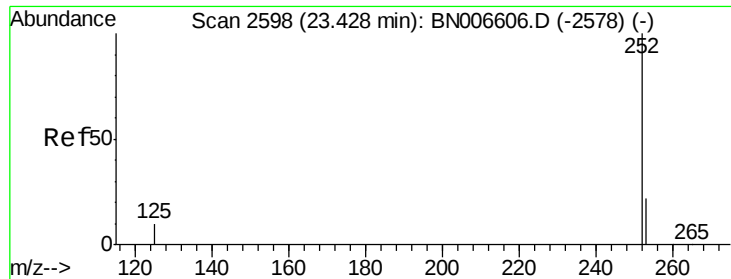


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.039 ng

RT: 23.39 min Scan# 2587

Delta R.T. -0.04 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719

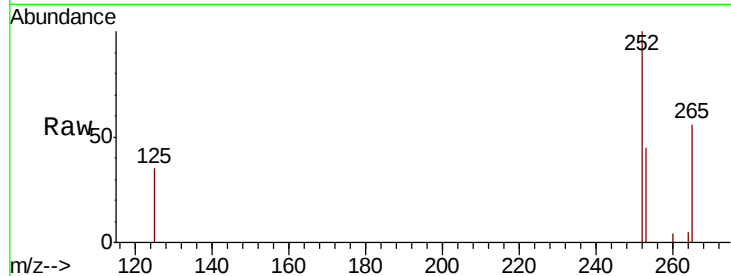
Tgt Ion: 252 Resp: 3269

Ion Ratio Lower Upper

252 100

253 44.8 18.8 28.2#

125 35.1 9.4 14.2#

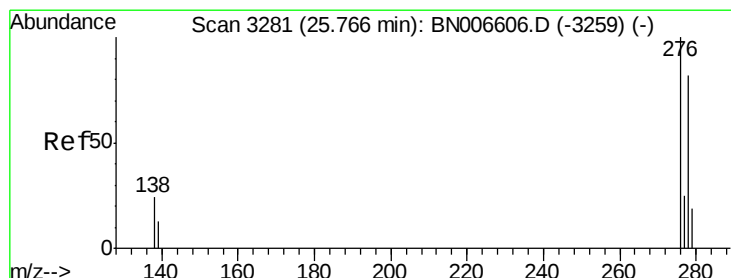
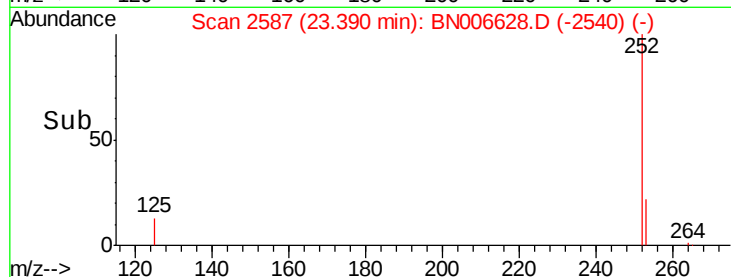
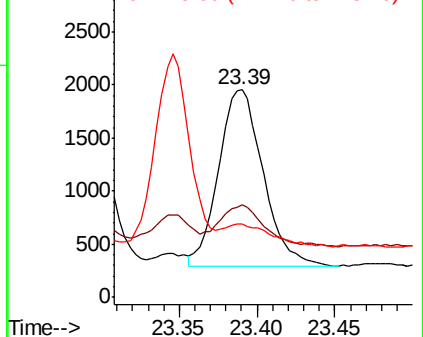


Abundance

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: 0.008 ng

RT: 25.72 min Scan# 3268

Delta R.T. -0.04 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

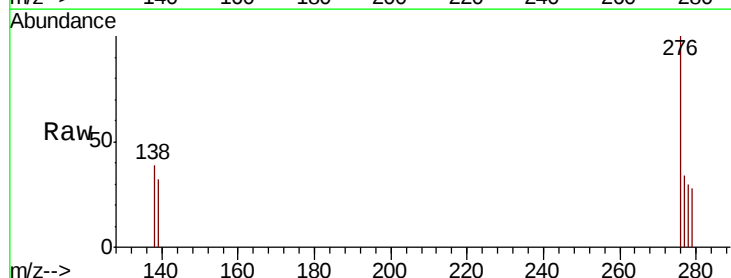
Tgt Ion: 278 Resp: 550

Ion Ratio Lower Upper

278 100

139 108.7 13.5 20.3#

279 94.2 19.4 29.2#

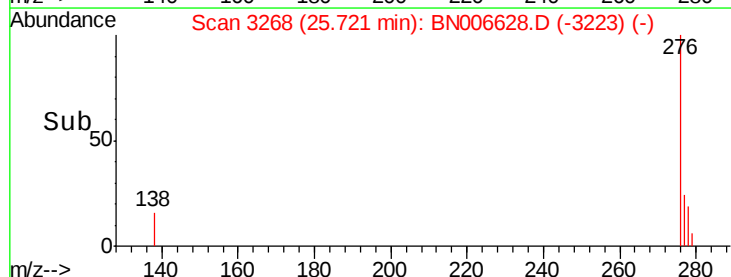
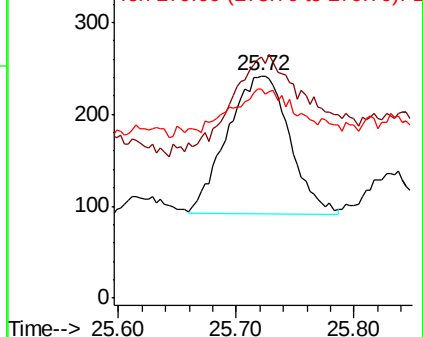


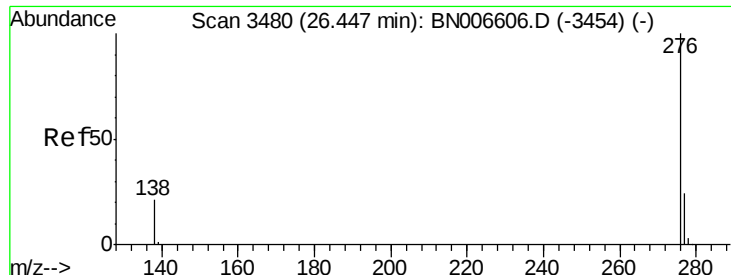
Abundance

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: 0.031 ng

RT: 26.41 min Scan# 3468

Delta R.T. -0.04 min

Lab File: BN006628.D

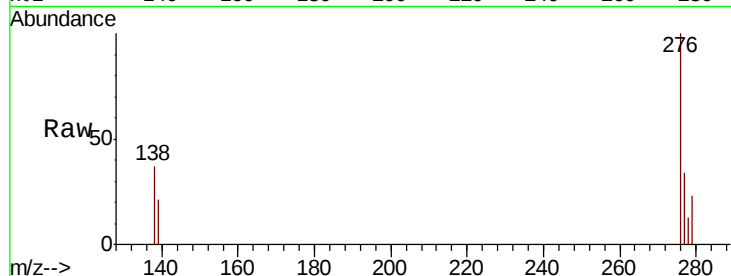
Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

PST-001-SW100-061719



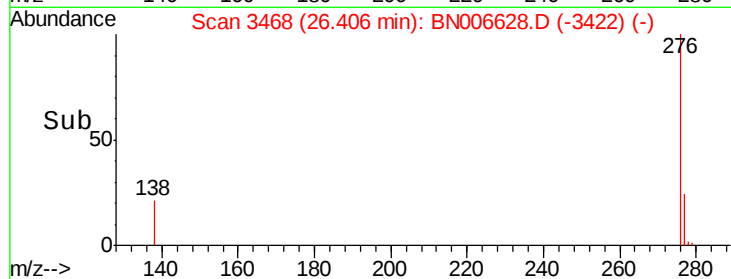
Tgt Ion: 276 Resp: 2277

Ion Ratio Lower Upper

276 100

277 34.0 19.6 29.4#

138 37.2 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

