

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006621.D
 Acq On : 28 Jun 2019 19:52
 Operator : HP/JU
 Sample : K3446-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Jun 29 01:11:59 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	3609	0.40	ng	0.00
7) Naphthalene-d8	10.42	136	14122	0.40	ng	0.01
13) Acenaphthene-d10	14.28	164	9553	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	23437	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	24468	0.40	ng	-0.02
34) Perylene-d12	23.49	264	24807	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2736	0.31	ng	0.00
5) Phenol-d6	6.82	99	4183	0.36	ng	0.00
8) Nitrobenzene-d5	8.82	82	2776	0.29	ng	0.03
11) 2-Methylnaphthalene-d10	12.01	152	8323	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1190	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.90	172	11437	0.32	ng	0.00
25) Fluoranthene-d10	19.07	212	26097	0.38	ng	0.00
29) Terphenyl-d14	19.68	244	17578	0.34	ng	0.00

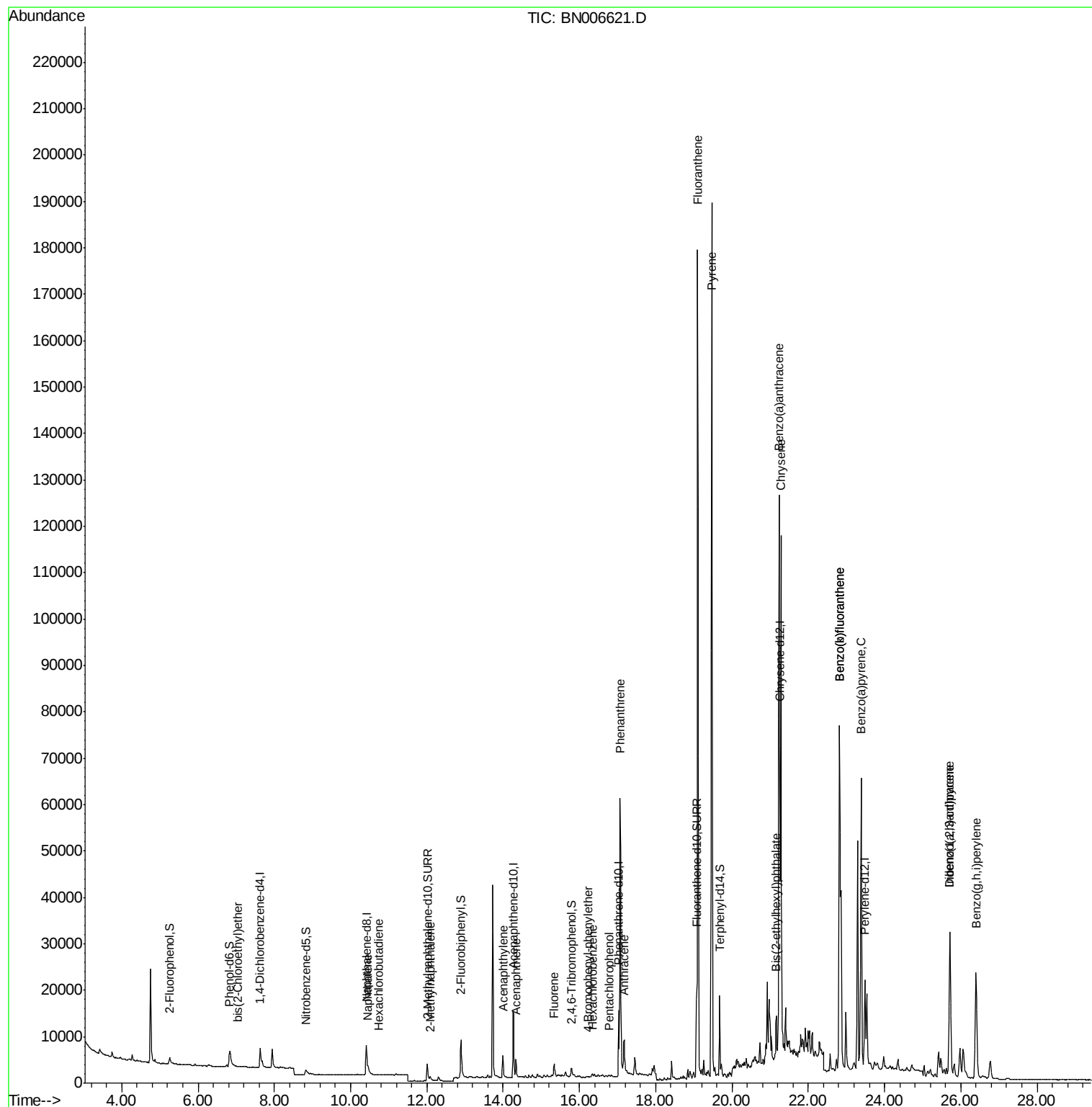
Target Compounds				Qvalue		
6) bis(2-Chloroethyl)ether	7.05	93	15	0.001	ng	# 26
9) Naphthalene	10.45	128	2356	0.063	ng	# 87
10) Hexachlorobutadiene	10.73	225	2	0.000	ng	# 54
12) 2-Methylnaphthalene	12.09	142	842	0.033	ng	# 92
16) Acenaphthylene	14.00	152	6682	0.147	ng	99
17) Acenaphthene	14.33	154	1914	0.064	ng	99
18) Fluorene	15.34	166	2250	0.059	ng	# 95
20) 4-Bromophenyl-phenylether	16.22	248	1	0.000	ng	# 37
21) Hexachlorobenzene	16.35	284	10	0.001	ng	# 9
22) Pentachlorophenol	16.77	266	71	0.211	ng	# 83
23) Phenanthrene	17.07	178	70506	1.058	ng	100
24) Anthracene	17.17	178	11474	0.198	ng	99
26) Fluoranthene	19.10	202	166584	2.057	ng	99
28) Pyrene	19.47	202	171459	2.003	ng	97
30) Benzo(a)anthracene	21.24	228	106043	1.326	ng	98
31) Chrysene	21.29	228	105855	1.227	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	8904	0.221	ng	99
33) Indeno(1,2,3-cd)pyrene	25.71	276	49061	0.562	ng	95
35) Benzo(b)fluoranthene	22.82	252	127816	1.515	ng	100
36) Benzo(k)fluoranthene	22.82	252	127816	1.421	ng	99
37) Benzo(a)pyrene	23.39	252	86889	1.101	ng	99
38) Dibenzo(a,h)anthracene	25.71	278	12732	0.185	ng	# 91
39) Benzo(g,h,i)perylene	26.40	276	47072	0.684	ng	100

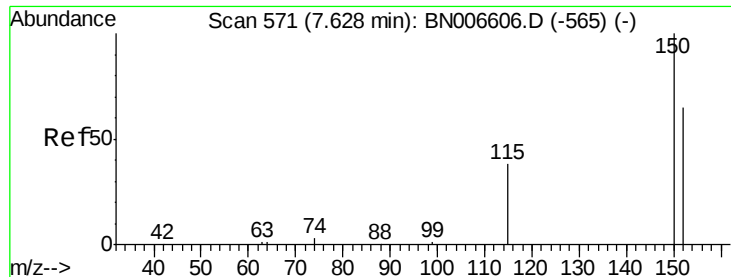
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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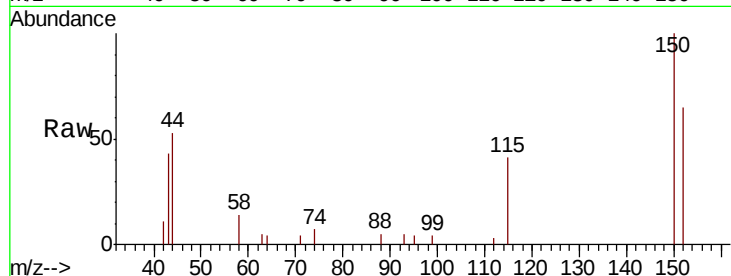


#1

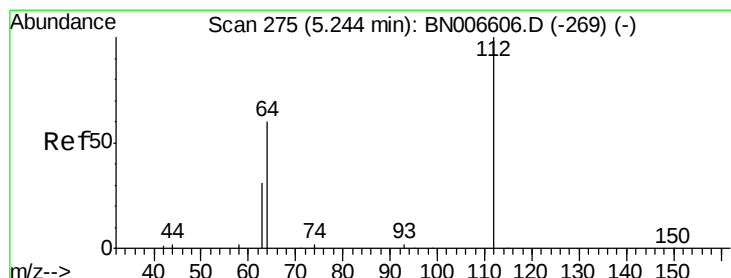
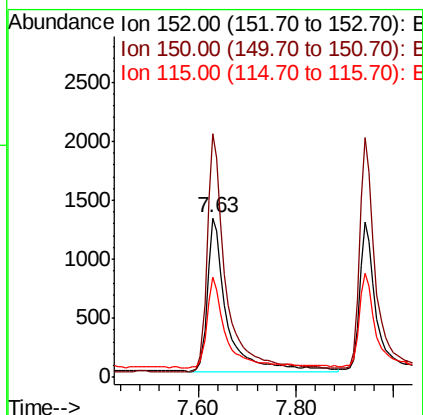
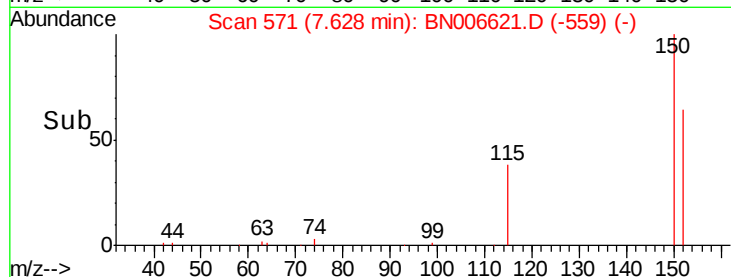
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006621.D
Acq: 28 Jun 2019 19:52

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

Tgt Ion:152 Resp: 3609
Ion Ratio Lower Upper
152 100
150 152.8 122.2 183.2
115 62.5 50.0 75.0



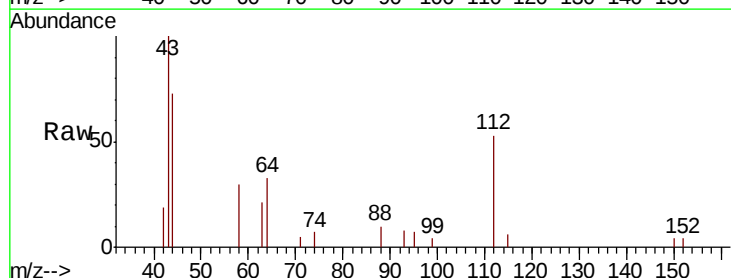
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



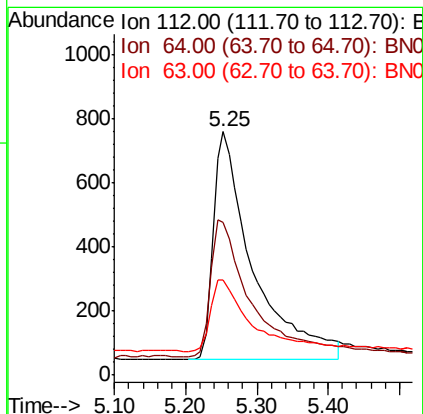
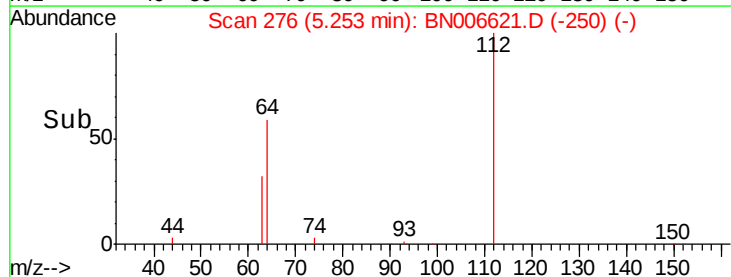
#4

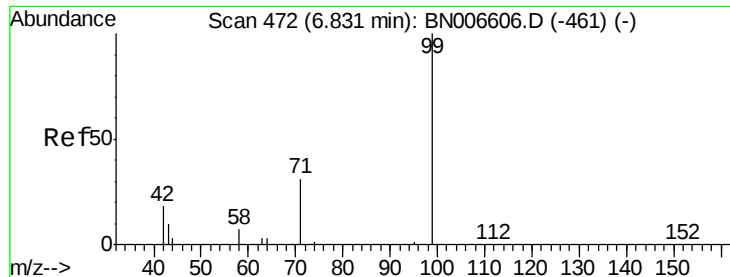
2-Fluorophenol
Concen: 0.309 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.01 min
Lab File: BN006621.D
Acq: 28 Jun 2019 19:52

Tgt Ion:112 Resp: 2736
Ion Ratio Lower Upper
112 100
64 62.2 48.9 73.3
63 33.1 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: 0.357 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

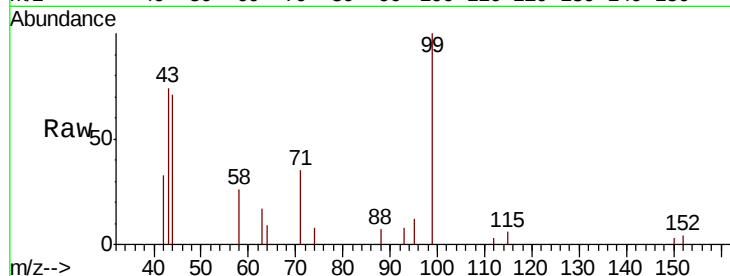
Tgt Ion: 99 Resp: 4183

Ion Ratio Lower Upper

99 100

42 26.3 16.4 24.6#

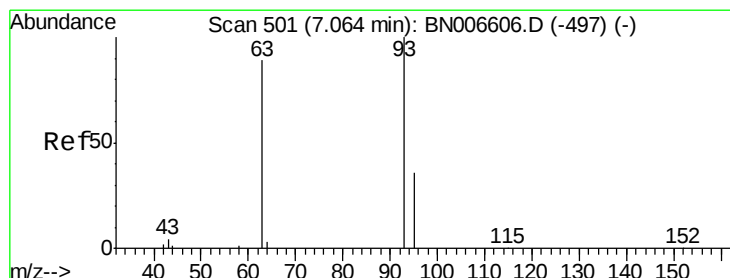
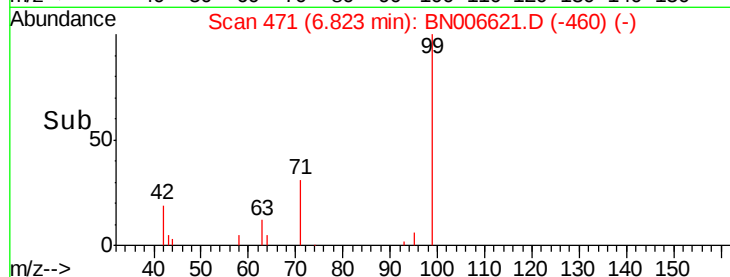
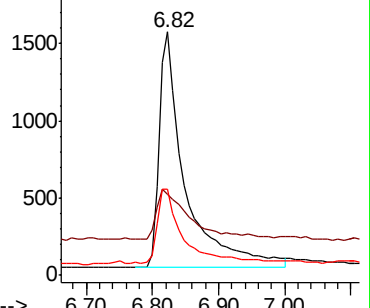
71 30.7 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006621.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006621.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006621.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: BN006621.D

Acq: 28 Jun 2019 19:52

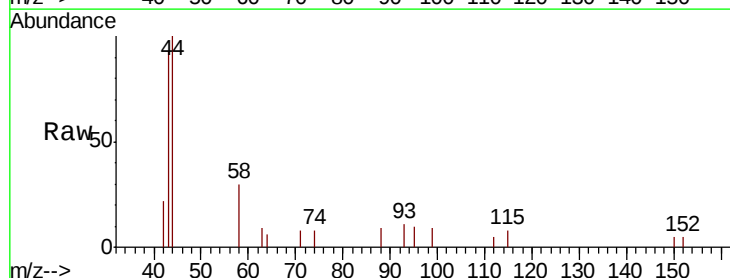
Tgt Ion: 93 Resp: 15

Ion Ratio Lower Upper

93 100

63 0.0 52.5 78.7#

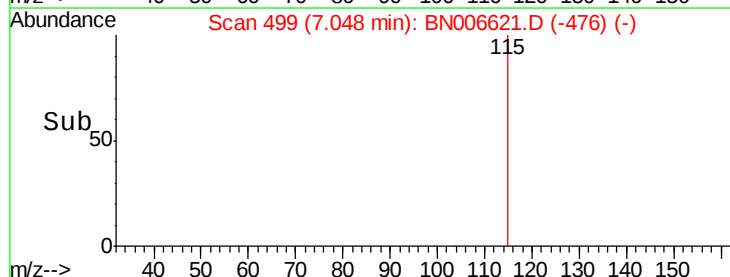
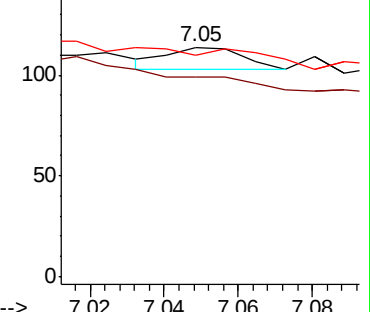
95 0.0 24.2 36.4#

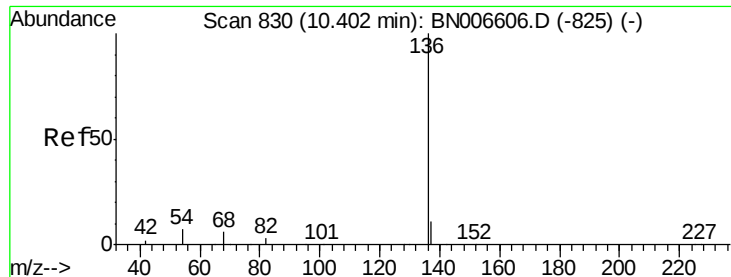


Abundance Ion 93.00 (92.70 to 93.70): BN006621.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006621.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006621.D (-476) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 831

Delta R.T. 0.01 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

Tgt Ion: 136 Resp: 14122

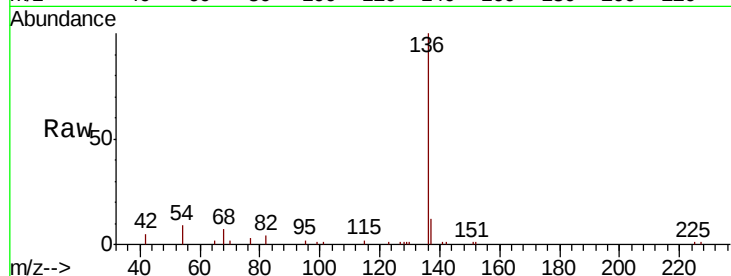
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 8.7 6.7 10.1

68 6.9 5.3 7.9

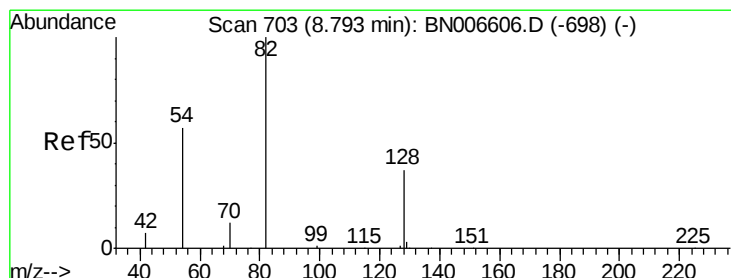
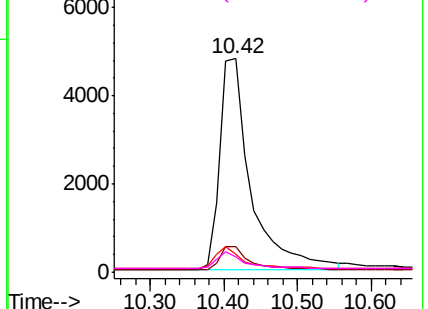
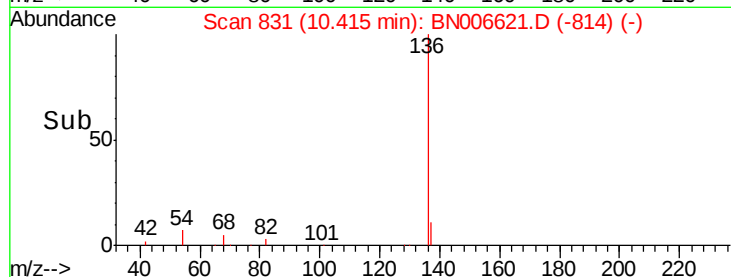


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.292 ng

RT: 8.82 min Scan# 705

Delta R.T. 0.03 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

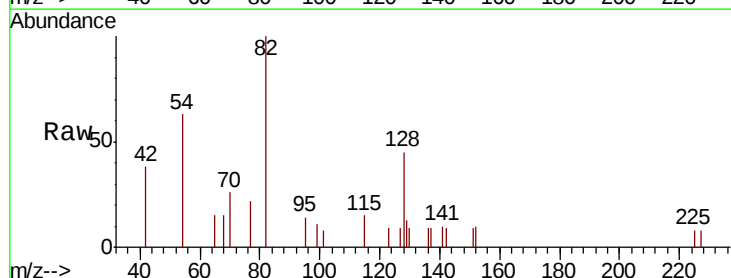
Tgt Ion: 82 Resp: 2776

Ion Ratio Lower Upper

82 100

128 44.8 32.6 49.0

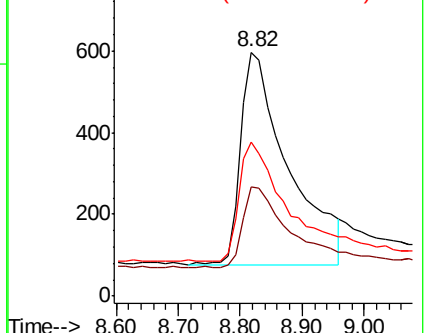
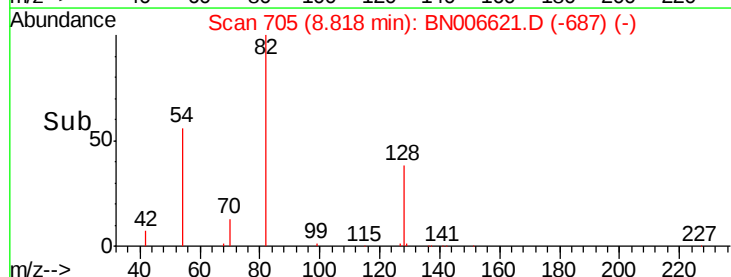
54 63.1 48.2 72.4

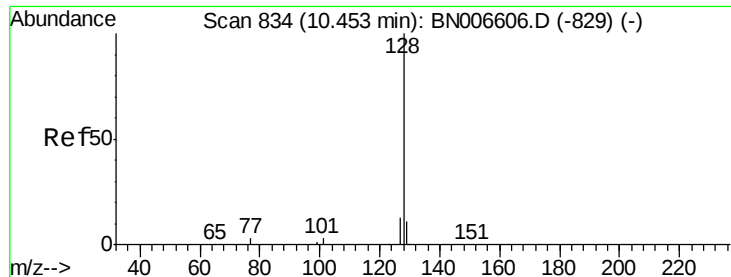


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

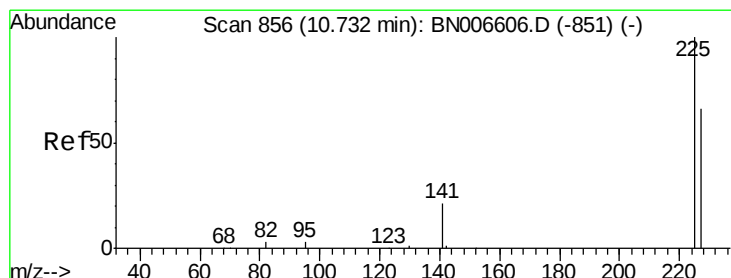
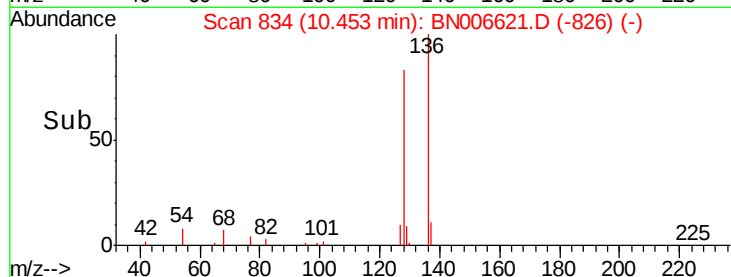
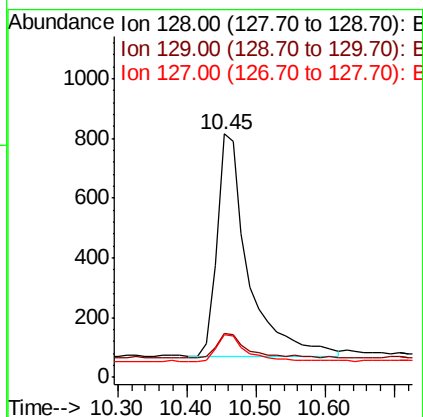
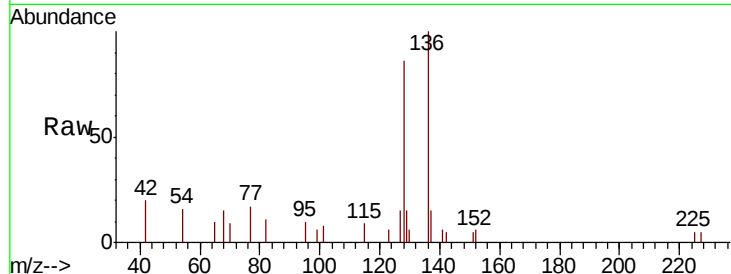




#9
Naphthalene
Concen: 0.063 ng
RT: 10.45 min Scan# 834
Delta R.T. 0.00 min
Lab File: BN006621.D
Acq: 28 Jun 2019 19:52

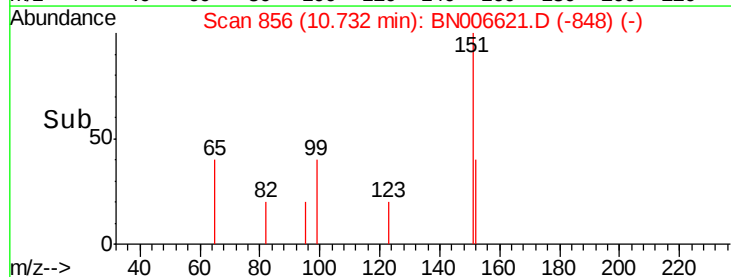
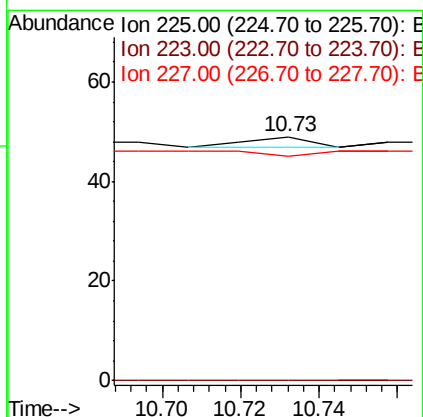
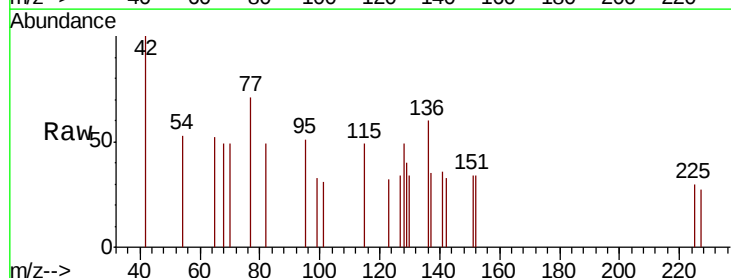
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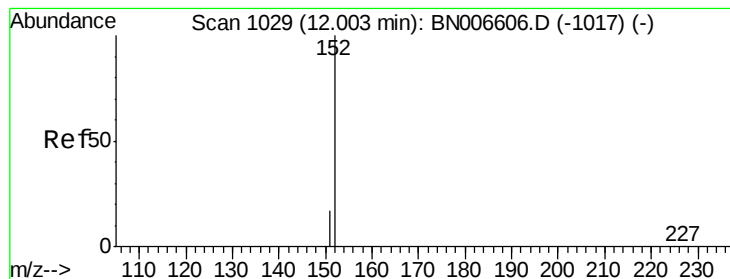
Tgt Ion:128 Resp: 2356
Ion Ratio Lower Upper
128 100
129 18.0 9.3 13.9#
127 17.8 10.8 16.2#



#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.73 min Scan# 856
Delta R.T. 0.00 min
Lab File: BN006621.D
Acq: 28 Jun 2019 19:52

Tgt Ion:225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 100.0 51.4 77.2#

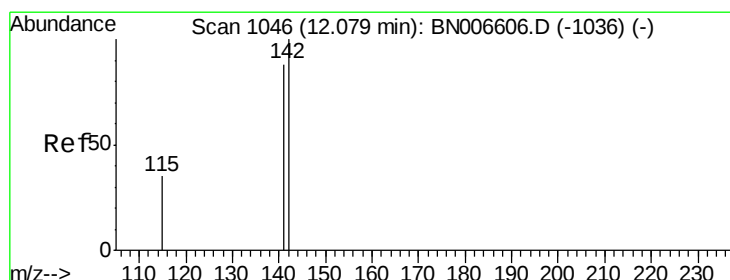
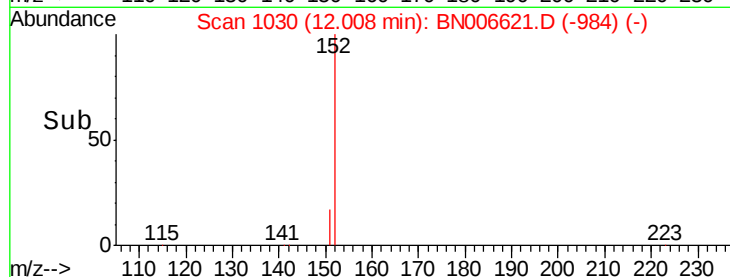
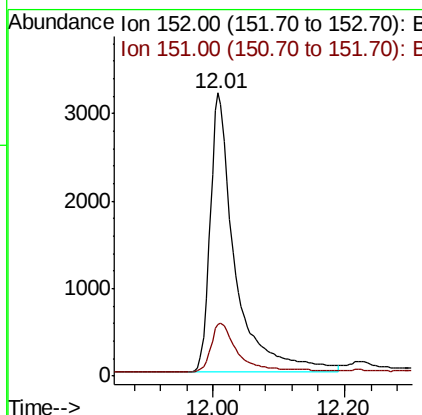
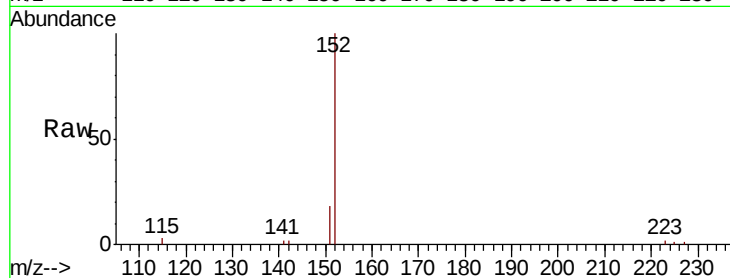




#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.01 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN006621.D
Acq: 28 Jun 2019 19:52

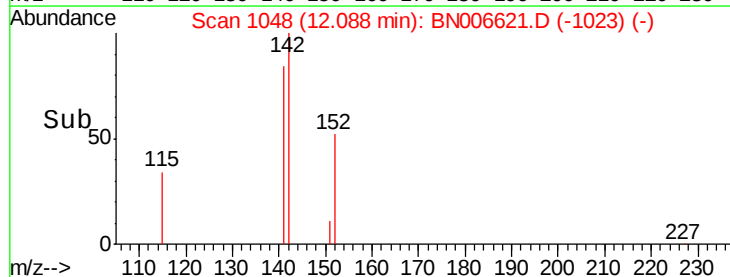
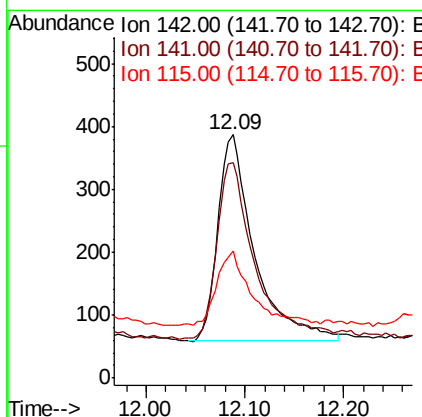
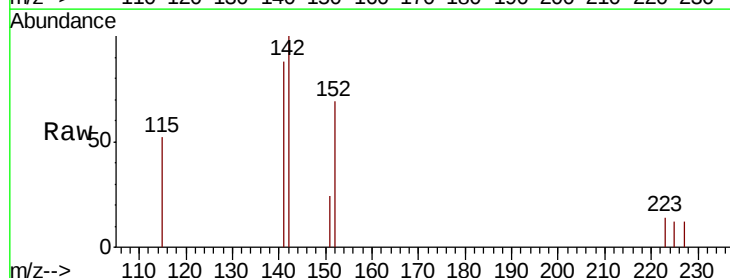
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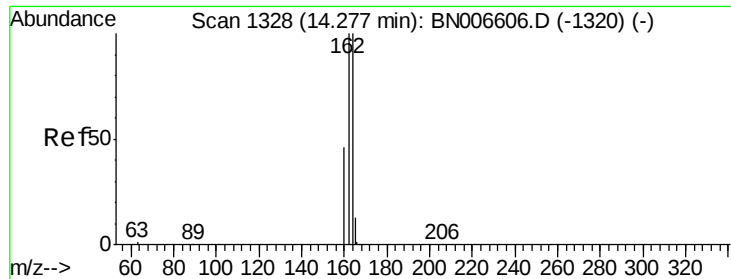
Tgt Ion:152 Resp: 8323
Ion Ratio Lower Upper
152 100
151 18.6 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.033 ng
RT: 12.09 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BN006621.D
Acq: 28 Jun 2019 19:52

Tgt Ion:142 Resp: 842
Ion Ratio Lower Upper
142 100
141 88.4 70.2 105.4
115 51.9 28.5 42.7#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

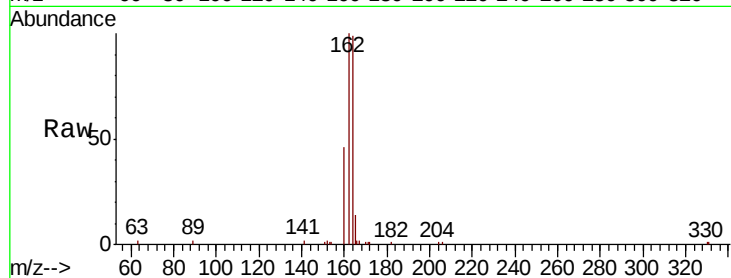
Tgt Ion:164 Resp: 9553

Ion Ratio Lower Upper

164 100

162 100.8 80.0 120.0

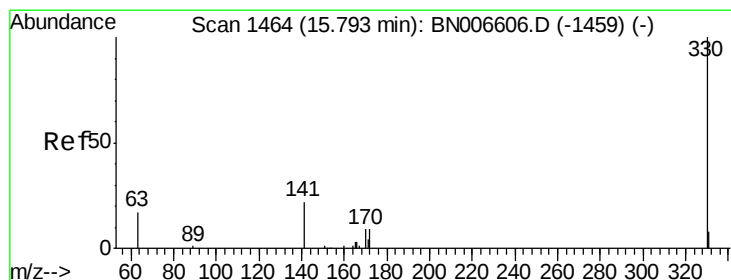
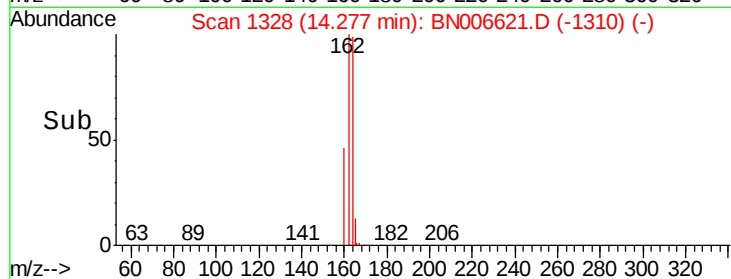
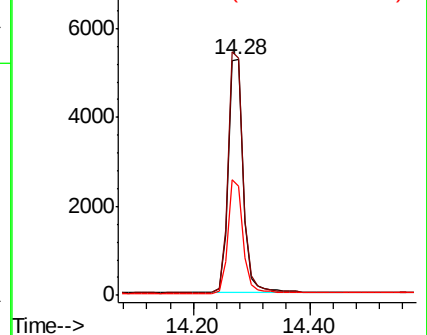
160 46.6 37.0 55.4



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: 0.265 ng

RT: 15.79 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

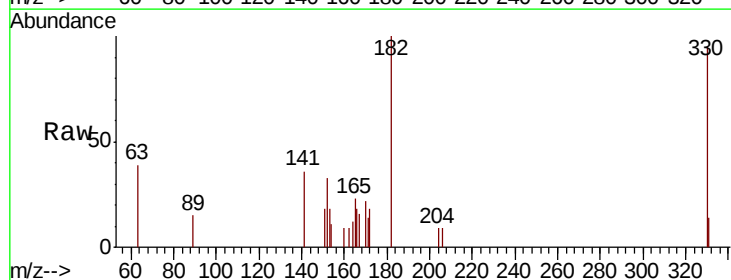
Tgt Ion:330 Resp: 1190

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

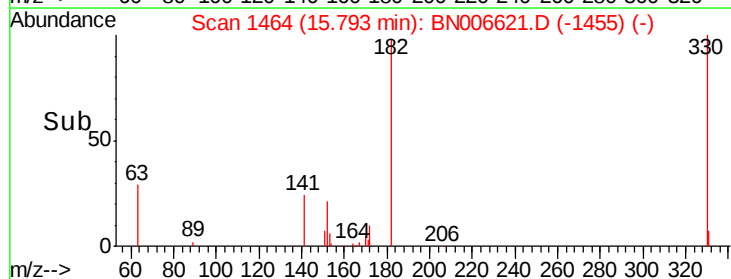
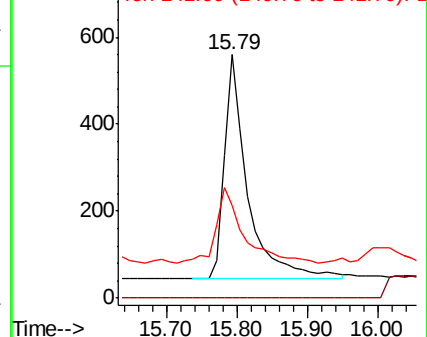
141 39.0 26.5 39.7

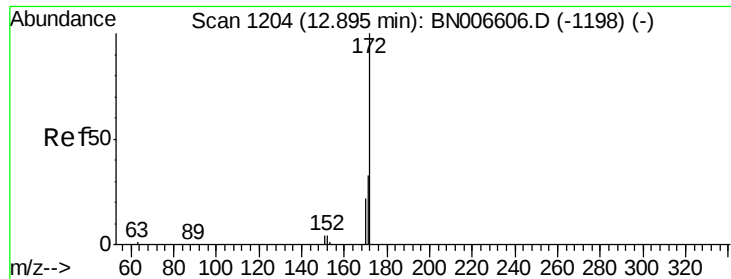


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

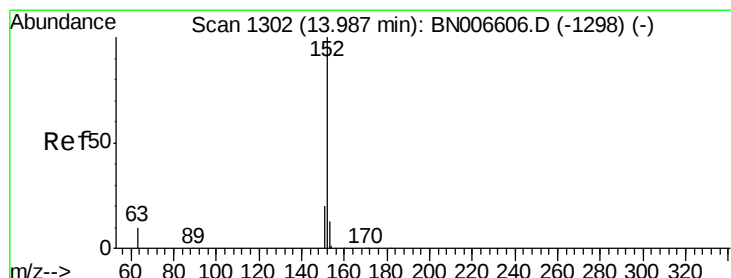
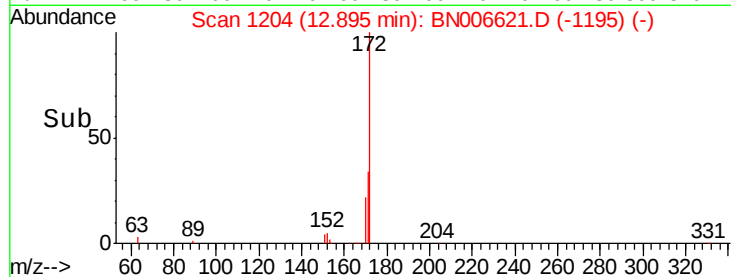
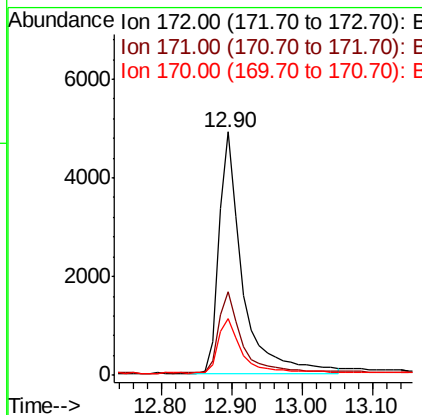
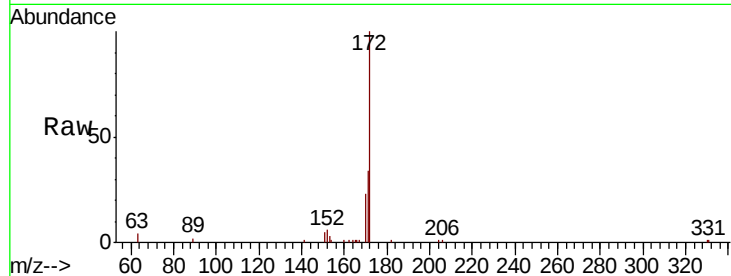




#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.90 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BN006621.D
Acq: 28 Jun 2019 19:52

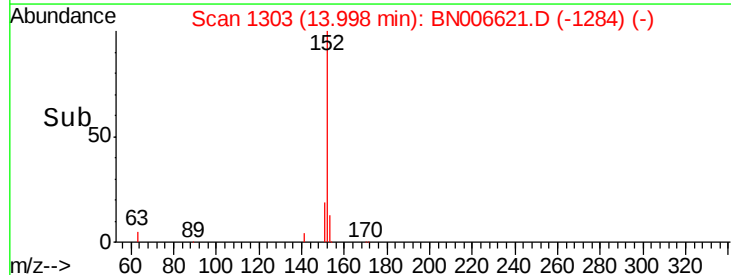
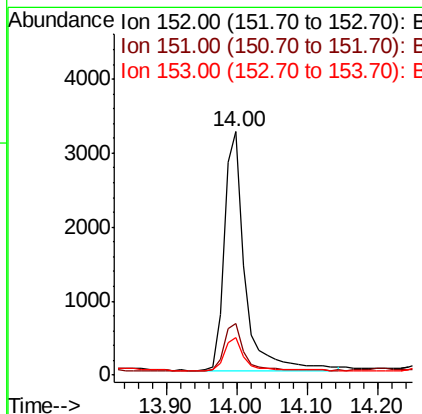
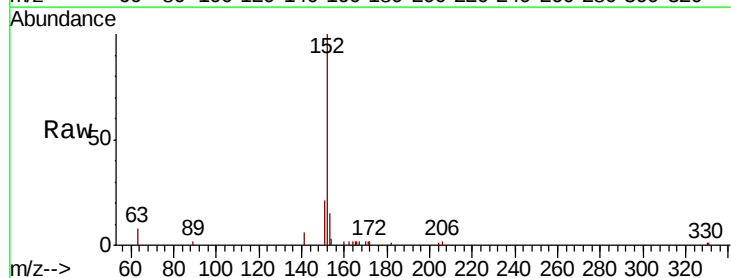
Instrument :
BNA_N
ClientSampleId :
PST-008-SW122-061819

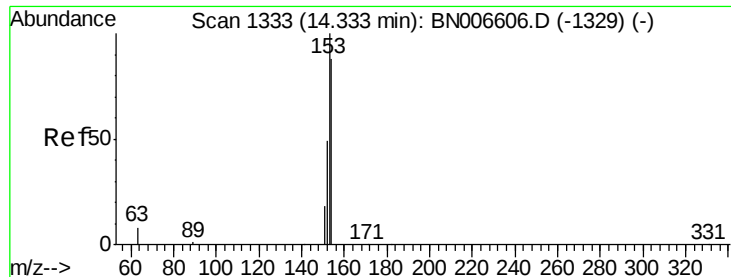
Tgt Ion:172 Resp: 11437
Ion Ratio Lower Upper
172 100
171 34.4 27.0 40.4
170 23.1 17.7 26.5



#16
Acenaphthylene
Concen: 0.147 ng
RT: 14.00 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BN006621.D
Acq: 28 Jun 2019 19:52

Tgt Ion:152 Resp: 6682
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.7 10.5 15.7





#17

Acenaphthene

Concen: 0.064 ng

RT: 14.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

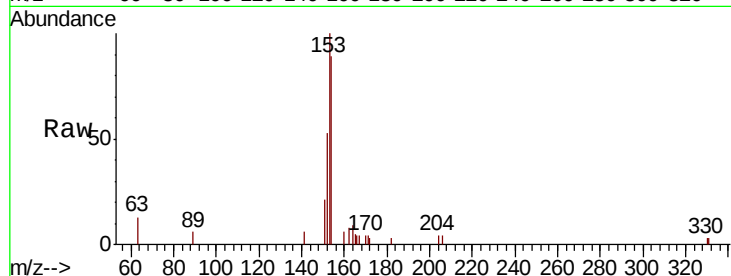
Tgt Ion:154 Resp: 1914

Ion Ratio Lower Upper

154 100

153 112.5 90.2 135.4

152 56.7 44.2 66.4

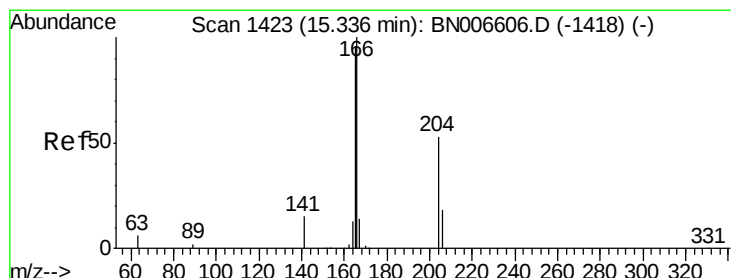
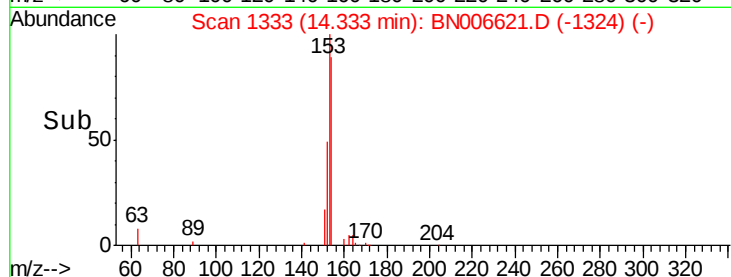
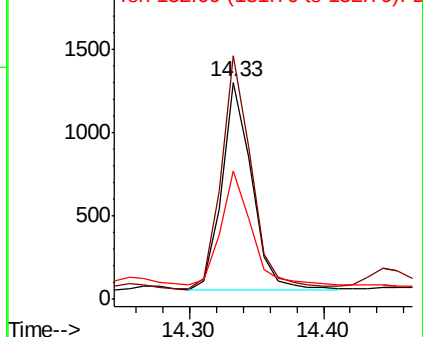


Abundance

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: 0.059 ng

RT: 15.34 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

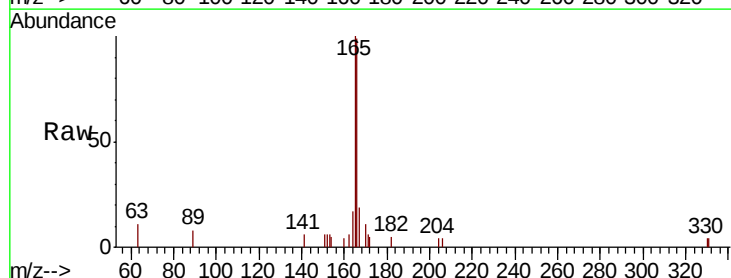
Tgt Ion:166 Resp: 2250

Ion Ratio Lower Upper

166 100

165 102.0 78.4 117.6

167 18.2 10.8 16.2#

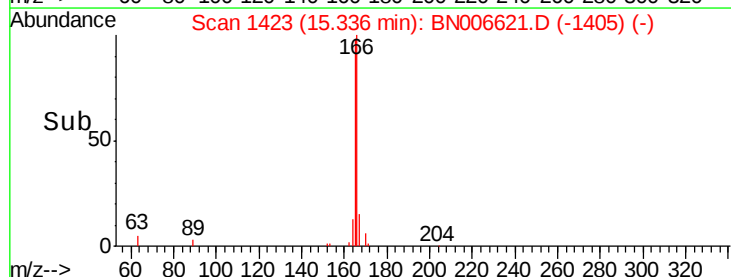
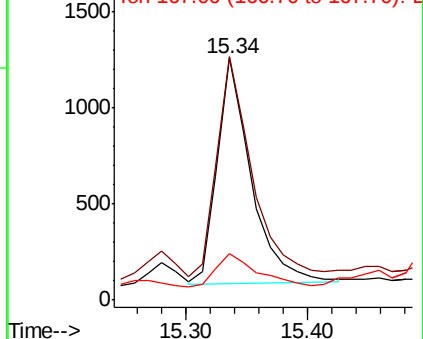


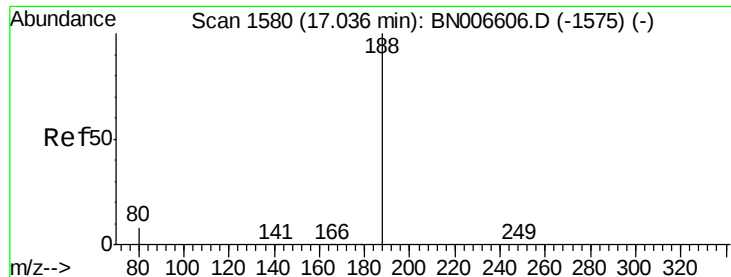
Abundance

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: BN006621.D

Acq: 28 Jun 2019 19:52

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

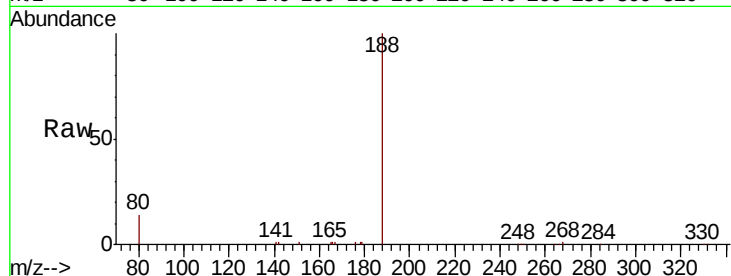
Tgt Ion:188 Resp: 23437

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

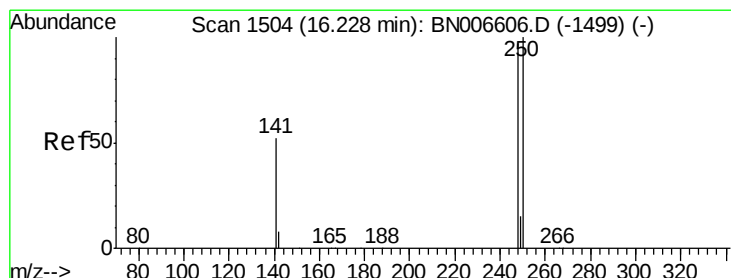
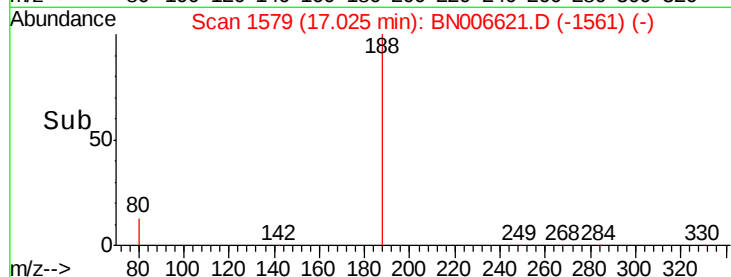
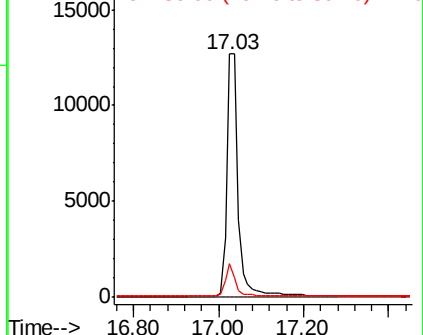
80 13.9 7.1 10.7#



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: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

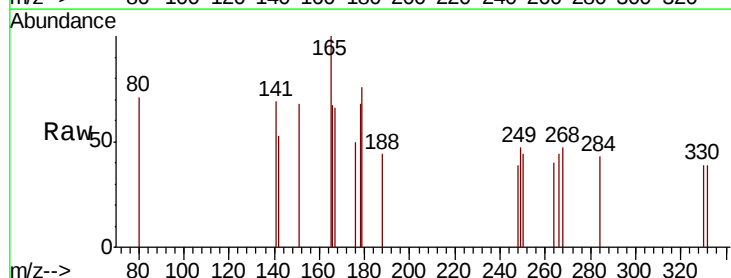
Tgt Ion:248 Resp: 1

Ion Ratio Lower Upper

248 100

250 110.6 82.2 123.4

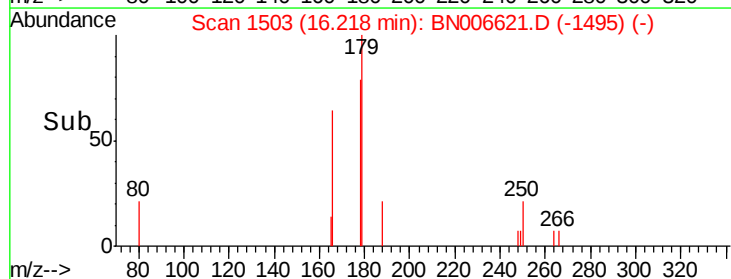
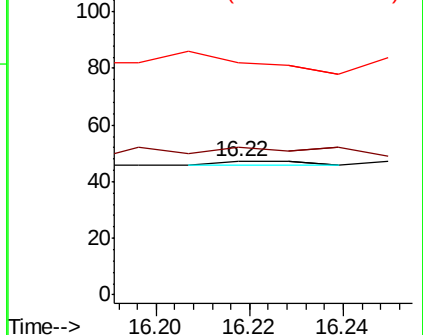
141 174.5 43.8 65.8#

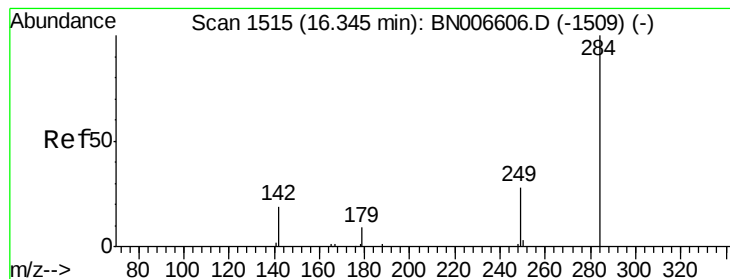


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.35 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

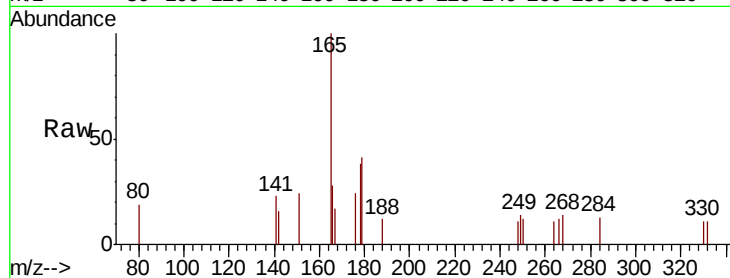
Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

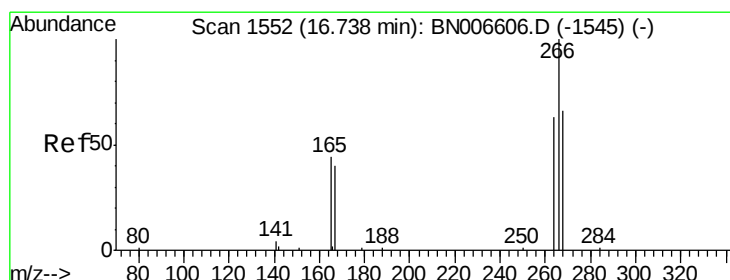
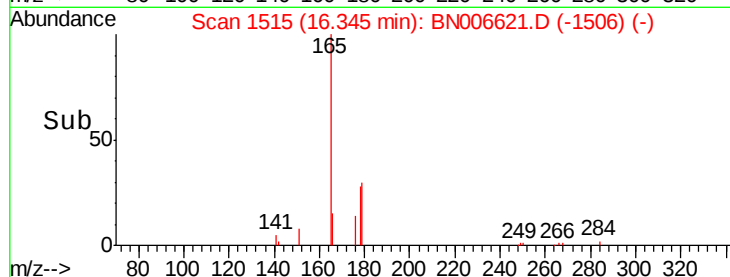
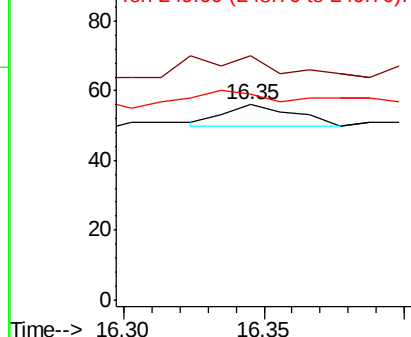
Tgt Ion:	284	Resp:	10
Ion	Ratio	Lower	Upper
284	100		
142	0.0	27.5	41.3#
249	100.0	24.7	37.1#



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



#22

Pentachlorophenol

Concen: 0.211 ng

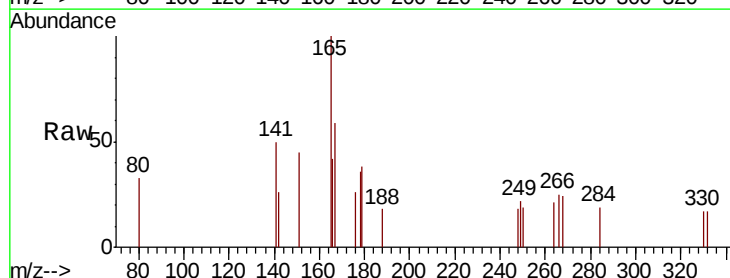
RT: 16.77 min Scan# 1555

Delta R.T. 0.03 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

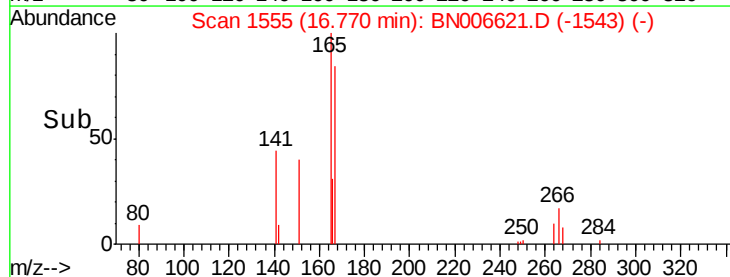
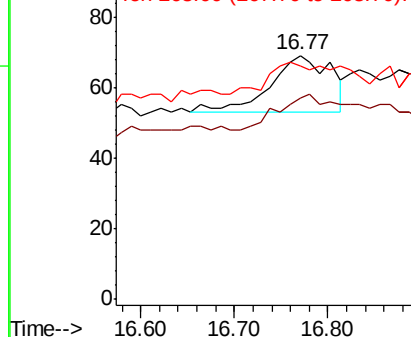
Tgt Ion:	266	Resp:	71
Ion	Ratio	Lower	Upper
266	100		
264	82.6	56.2	84.4
268	95.7	63.0	94.4#

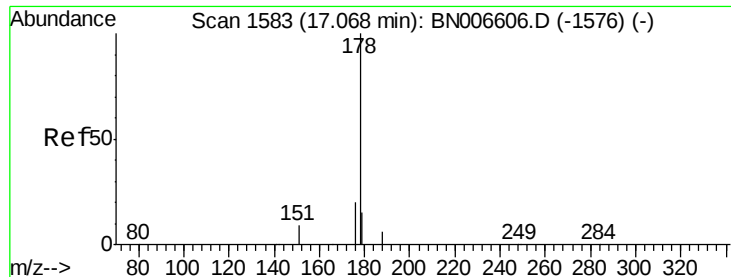


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.058 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

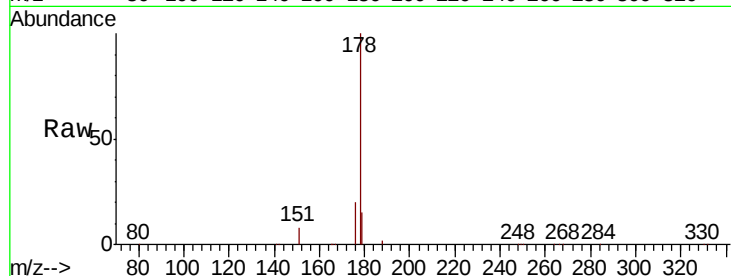
Tgt Ion:178 Resp: 70506

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

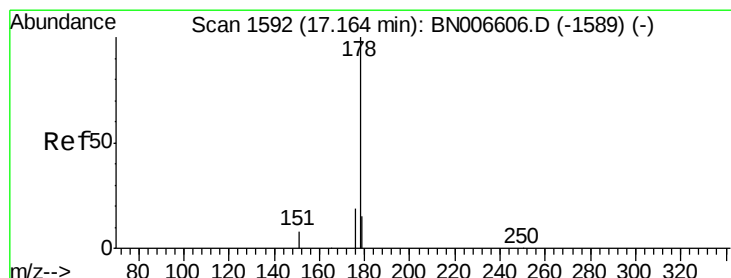
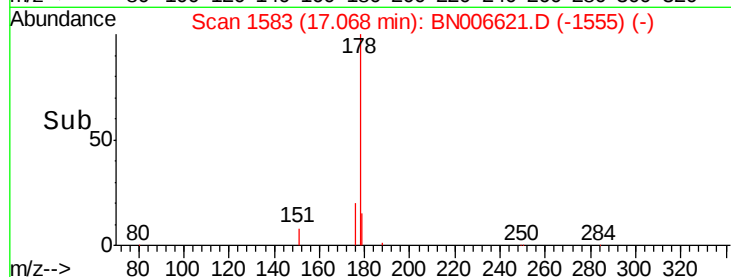
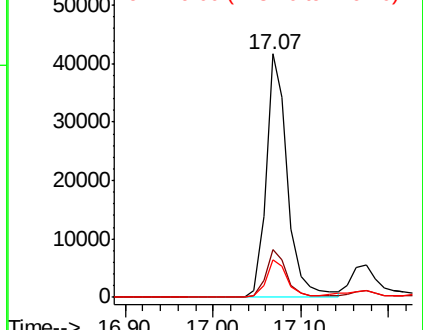
179 15.1 12.2 18.4



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: 0.198 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

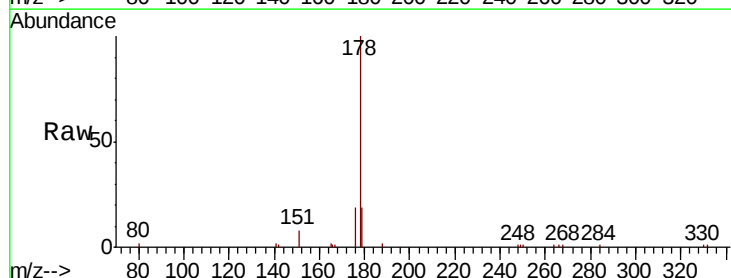
Tgt Ion:178 Resp: 11474

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.4

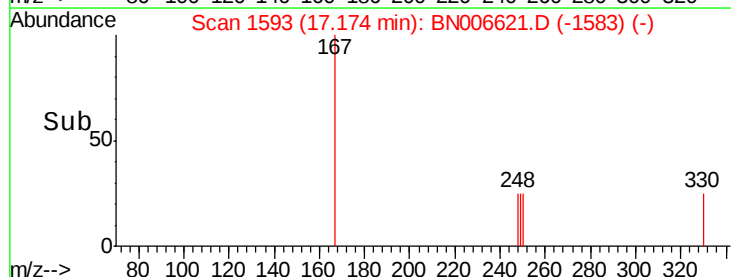
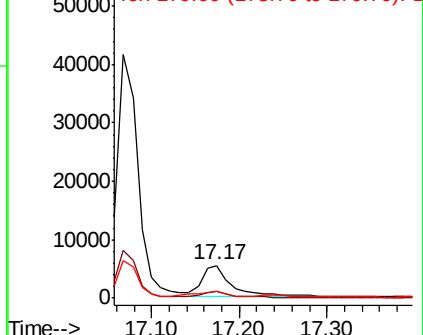
179 15.8 12.2 18.2

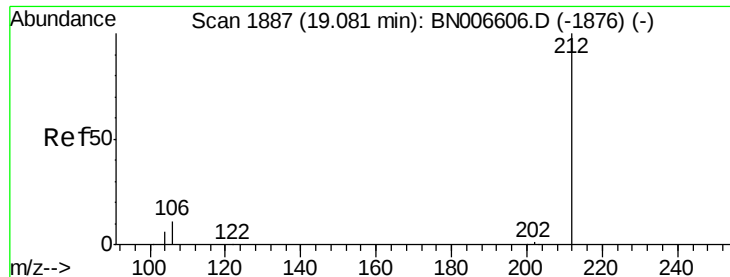


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

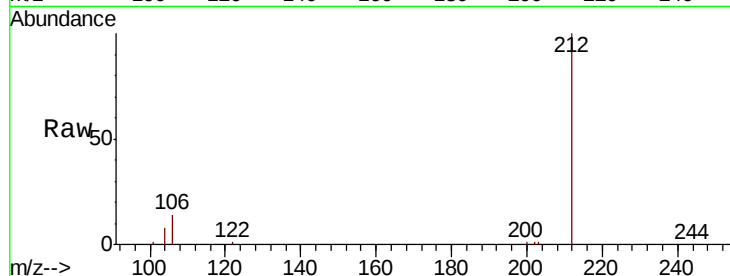
Tgt Ion:212 Resp: 26097

Ion Ratio Lower Upper

212 100

106 13.6 10.6 15.8

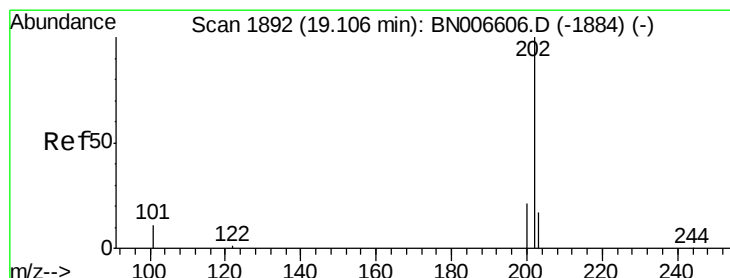
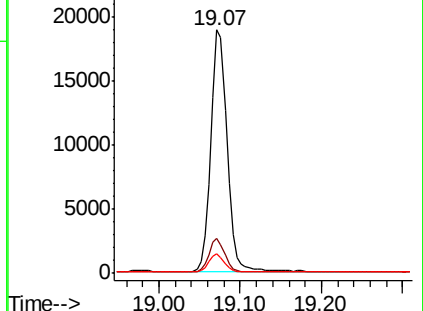
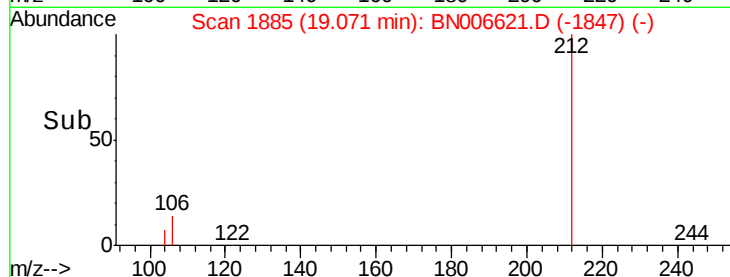
104 7.3 5.8 8.6



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: 2.057 ng

RT: 19.10 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

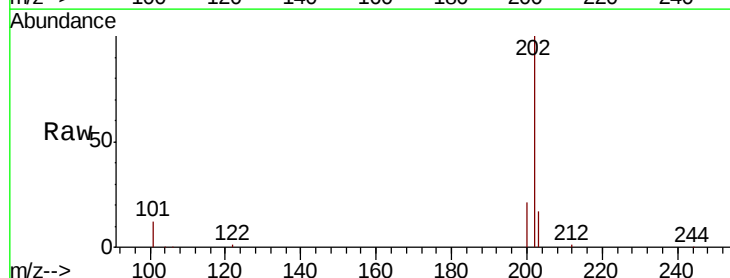
Tgt Ion:202 Resp: 166584

Ion Ratio Lower Upper

202 100

101 11.0 8.9 13.3

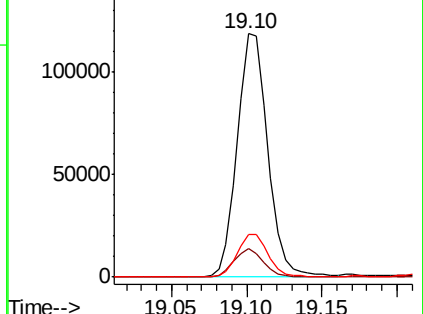
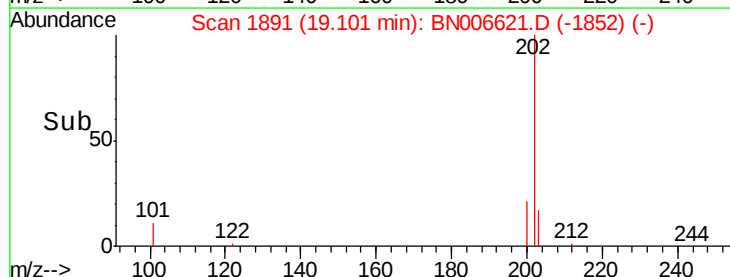
203 17.5 13.6 20.4

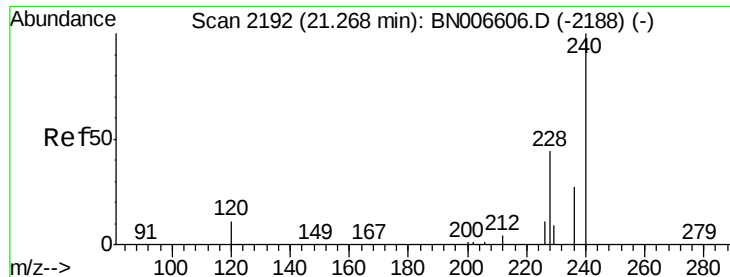


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

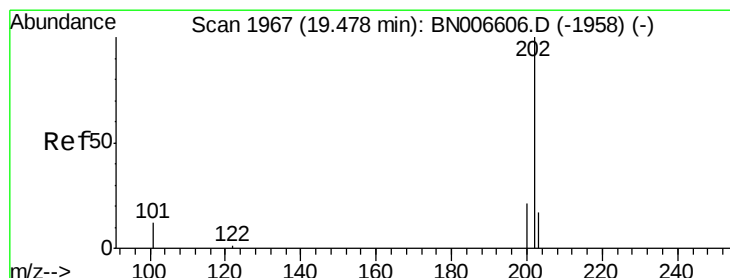
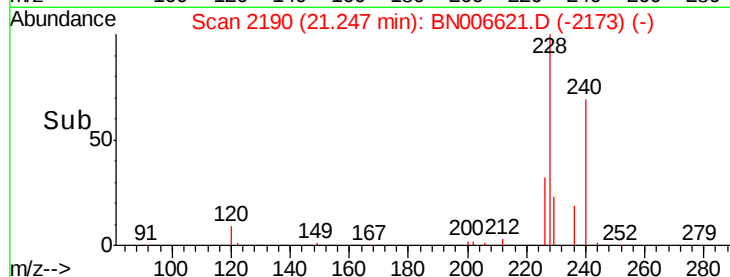
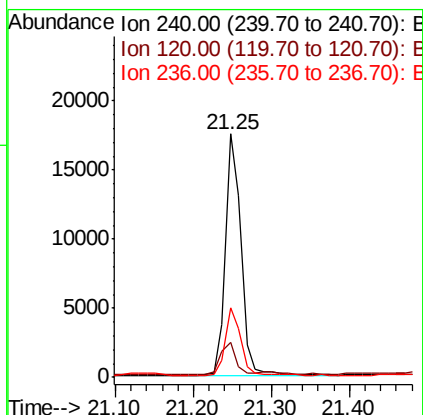
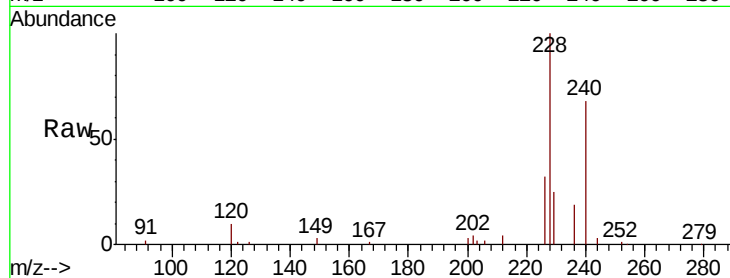




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006621.D
Acq: 28 Jun 2019 19:52

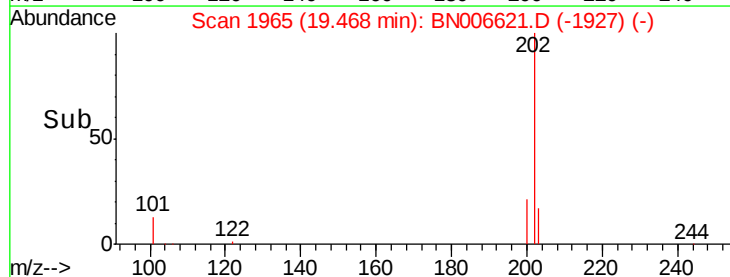
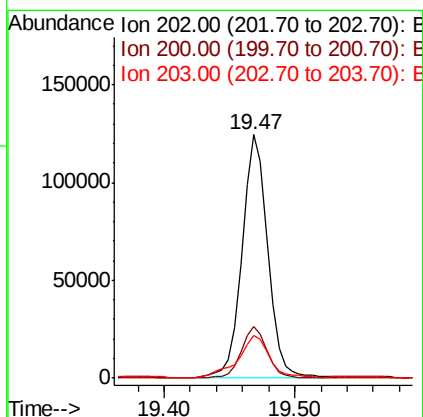
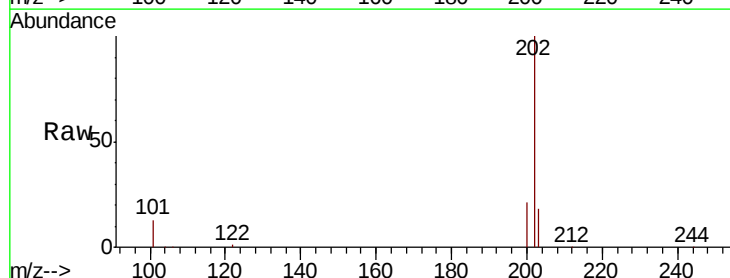
Instrument :
BNA_N
ClientSampleId :
PST-008-SW122-061819

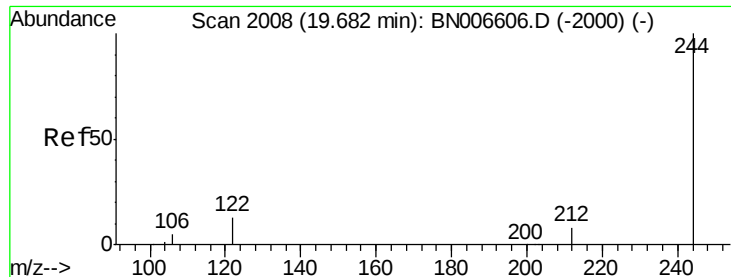
Tgt Ion:240 Resp: 24468
Ion Ratio Lower Upper
240 100
120 14.2 9.9 14.9
236 28.3 22.2 33.4



#28
Pyrene
Concen: 2.003 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006621.D
Acq: 28 Jun 2019 19:52

Tgt Ion:202 Resp: 171459
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 20.8 14.1 21.1





#29

Terphenyl-d14

Concen: 0.343 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

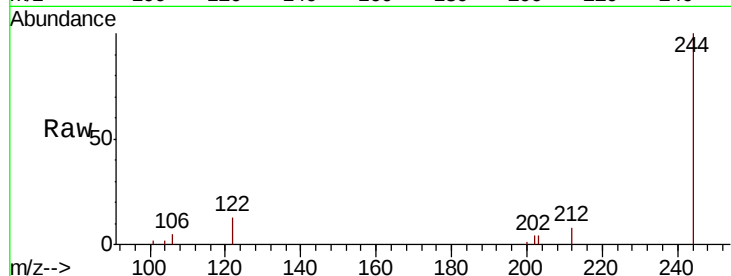
Tgt Ion:244 Resp: 17578

Ion Ratio Lower Upper

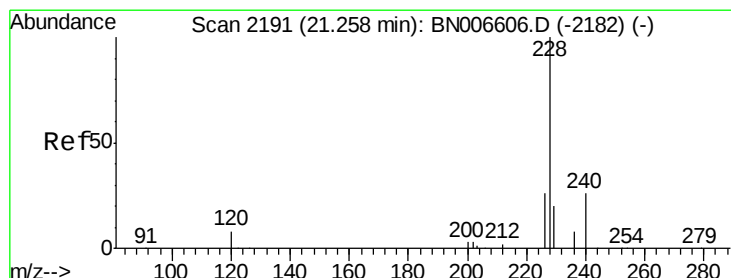
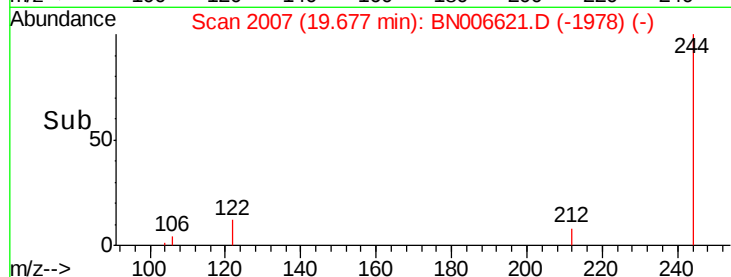
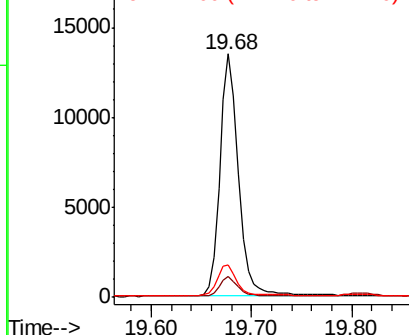
244 100

212 8.5 6.7 10.1

122 13.1 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: 1.326 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

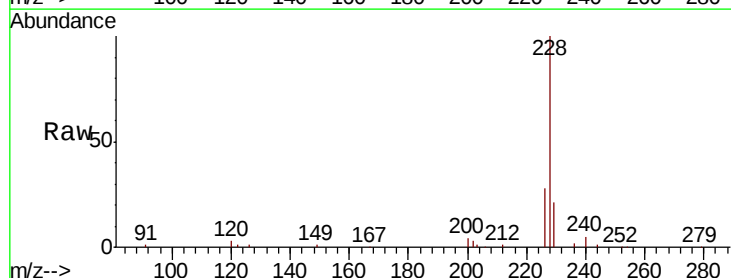
Tgt Ion:228 Resp: 106043

Ion Ratio Lower Upper

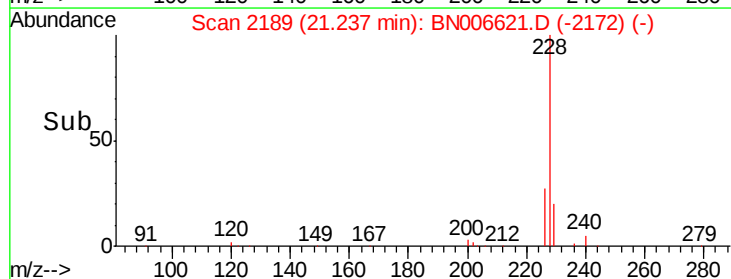
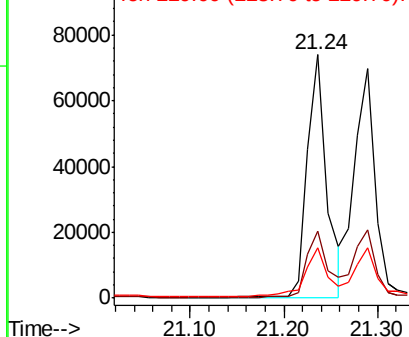
228 100

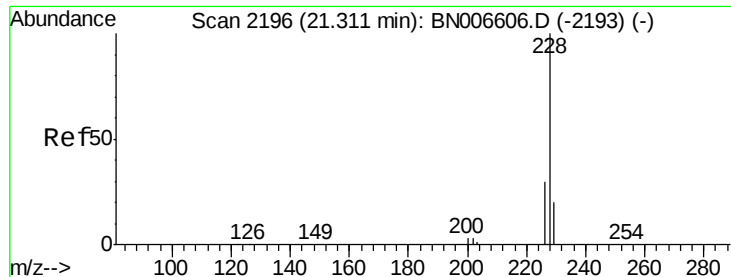
226 27.7 21.2 31.8

229 20.7 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: 1.227 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

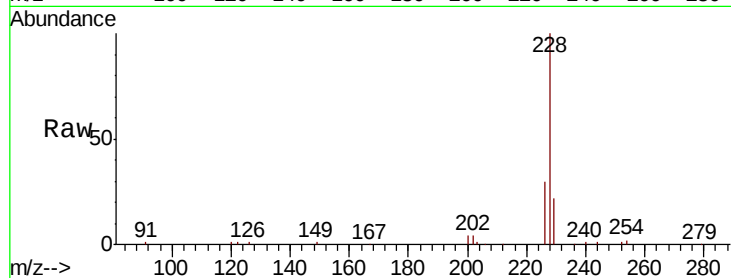
Tgt Ion: 228 Resp: 105855

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

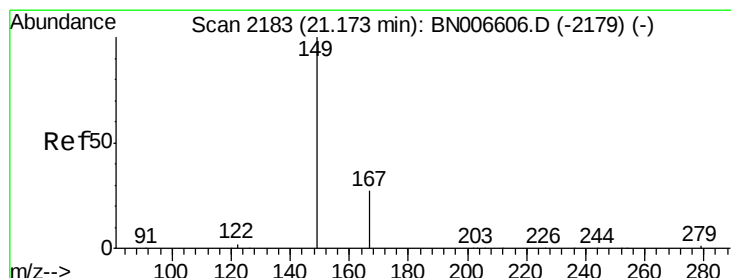
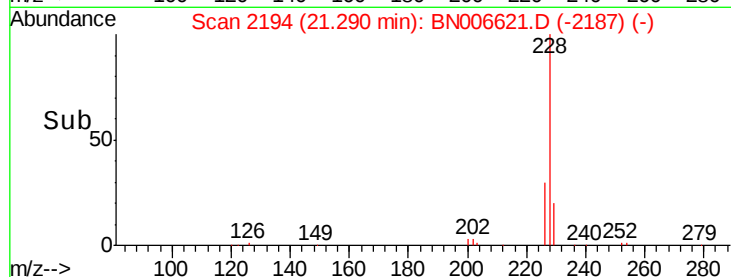
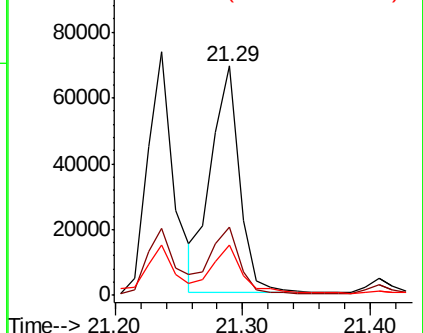
229 22.0 15.9 23.9



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: 0.221 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

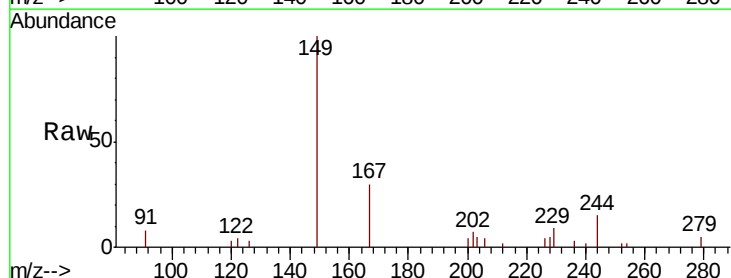
Tgt Ion: 149 Resp: 8904

Ion Ratio Lower Upper

149 100

167 28.0 22.9 34.3

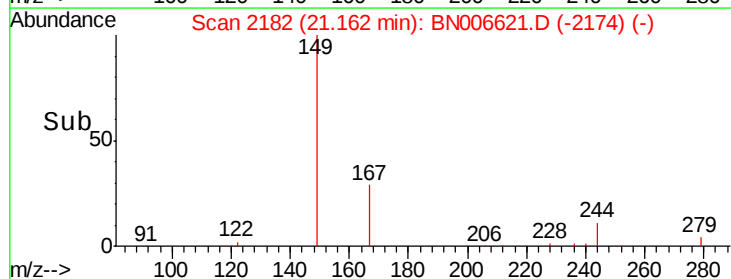
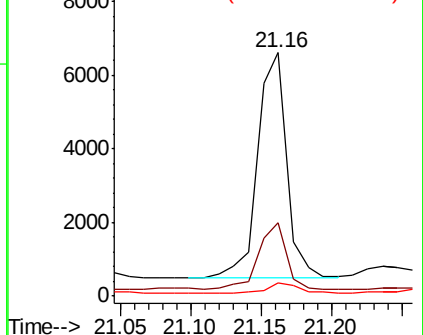
279 4.1 3.3 4.9

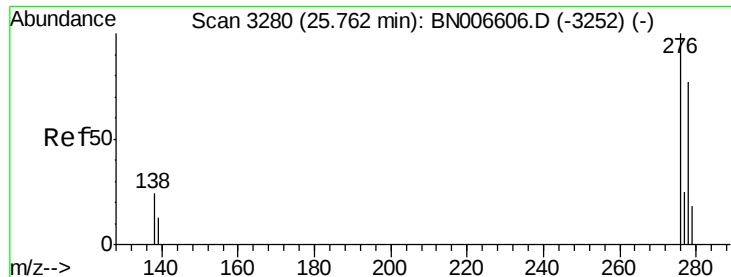


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.562 ng

RT: 25.71 min Scan# 3266

Delta R.T. -0.05 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

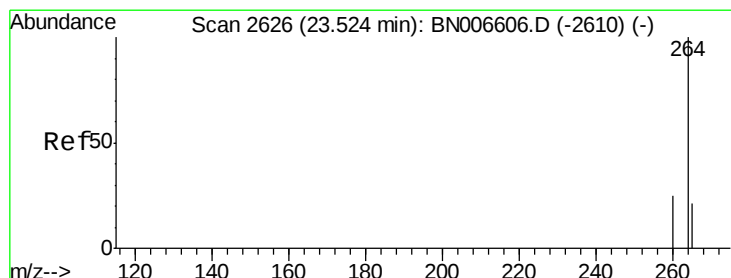
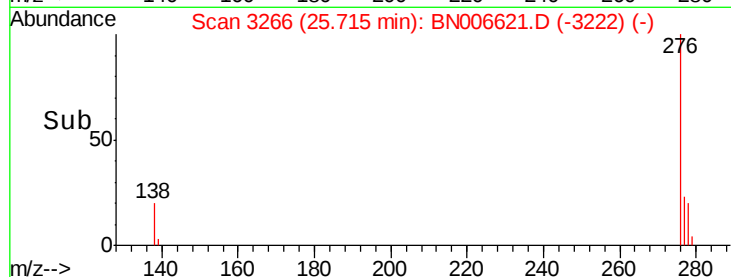
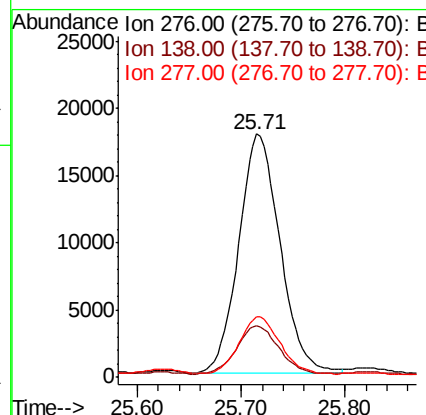
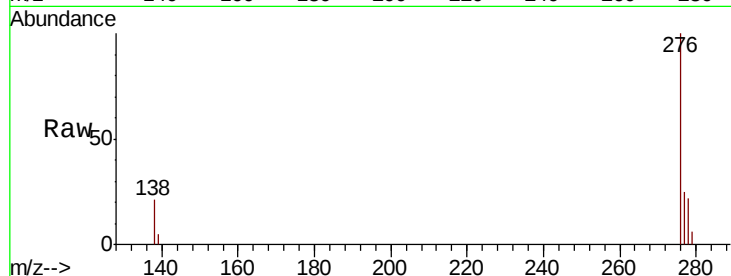
Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

Tgt Ion:	276	Resp:	49061
Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.3	28.9
277	23.6	19.9	29.9



#34

Perylene-d12

Concen: 0.400 ng

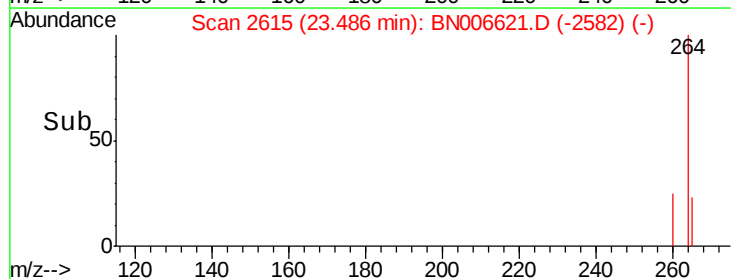
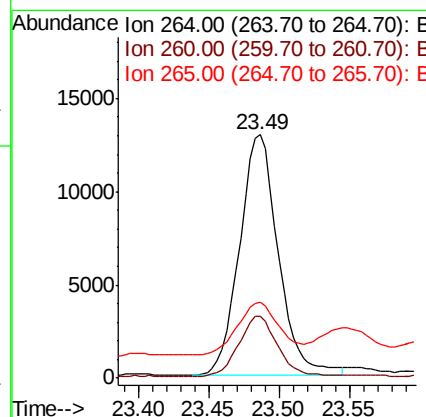
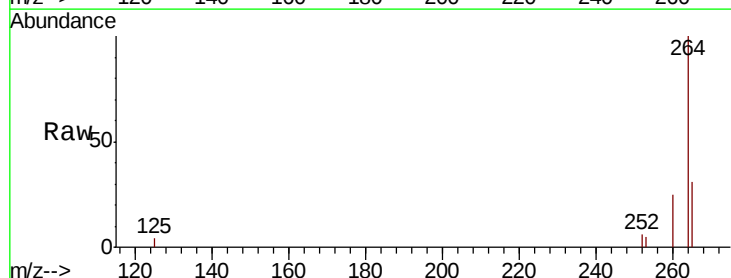
RT: 23.49 min Scan# 2615

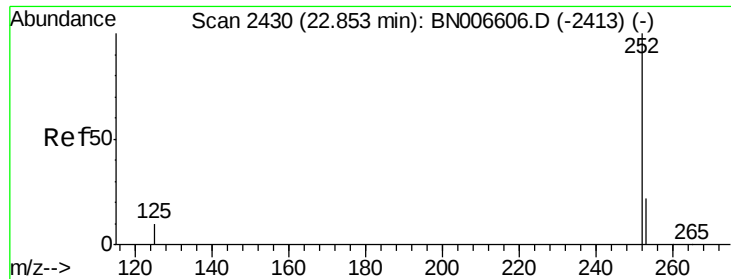
Delta R.T. -0.04 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

Tgt Ion:	264	Resp:	24807
Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	31.0	23.3	34.9





#35

Benzo(b)fluoranthene

Concen: 1.515 ng

RT: 22.82 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

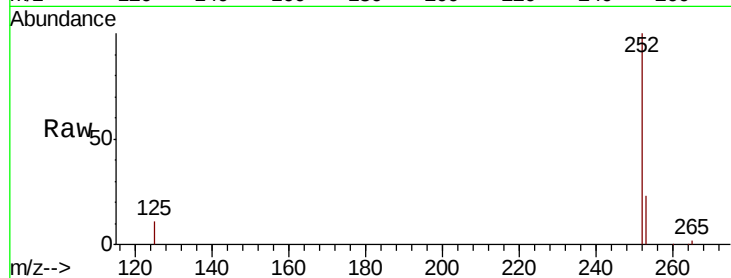
Tgt Ion:252 Resp: 127816

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

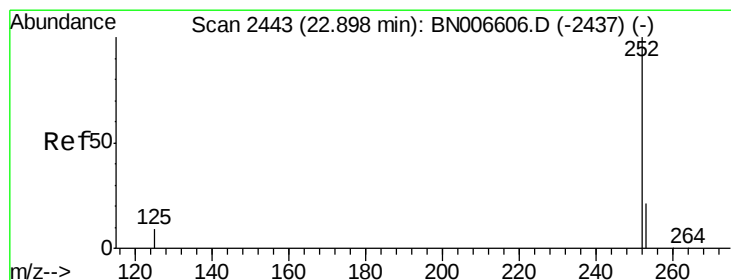
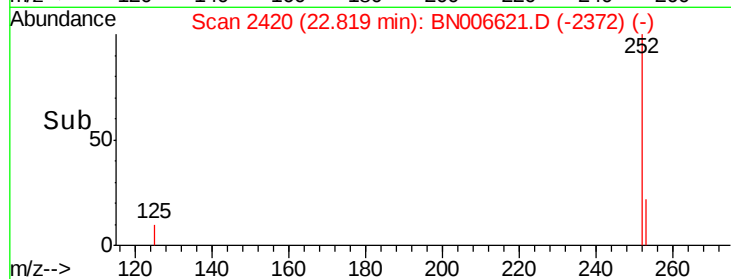
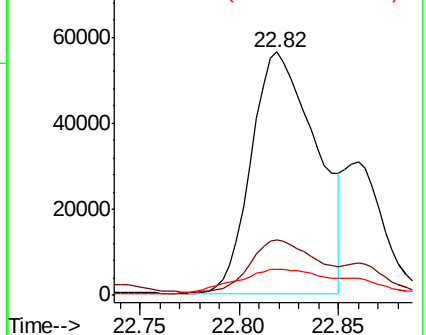
125 10.9 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 1.421 ng

RT: 22.82 min Scan# 2420

Delta R.T. -0.08 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

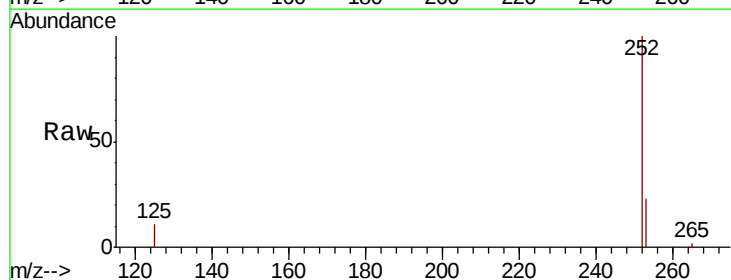
Tgt Ion:252 Resp: 127816

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

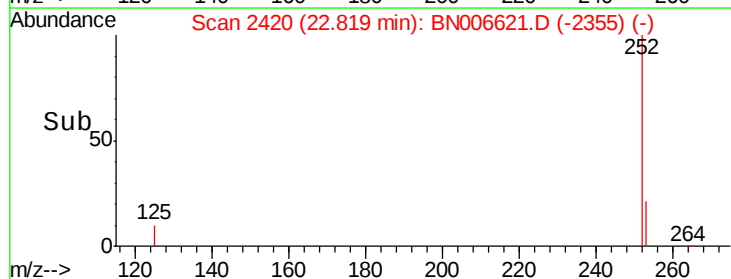
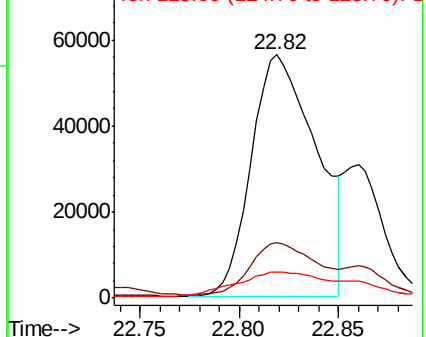
125 10.9 8.4 12.6

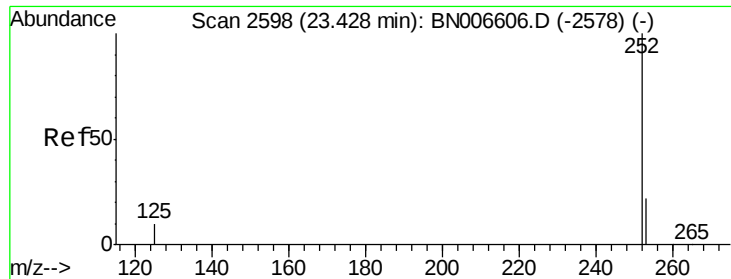


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.101 ng

RT: 23.39 min Scan# 2586

Delta R.T. -0.04 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

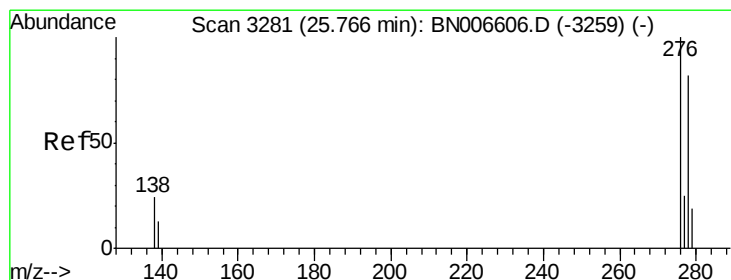
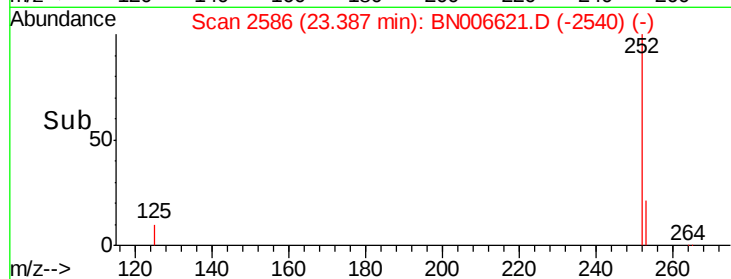
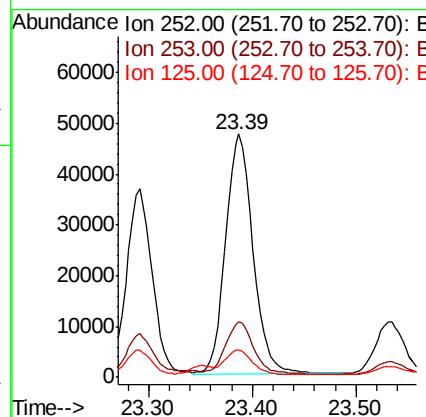
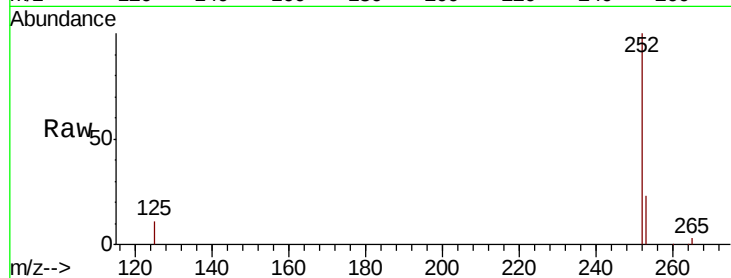
Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819

Tgt Ion:	252	Resp:	86889
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.8	28.2
125	11.3	9.4	14.2



#38

Dibenzo(a,h)anthracene

Concen: 0.185 ng

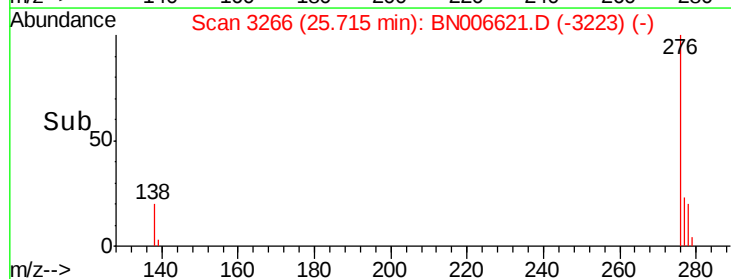
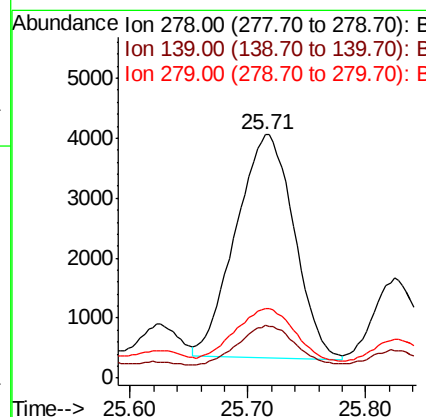
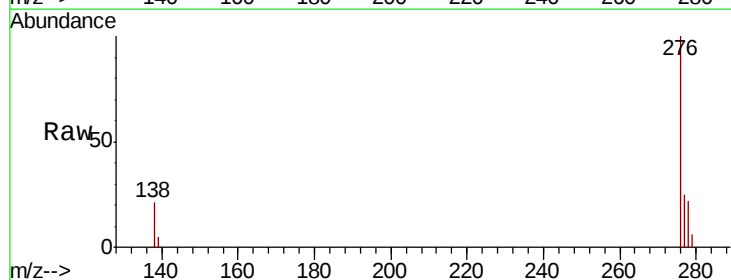
RT: 25.71 min Scan# 3266

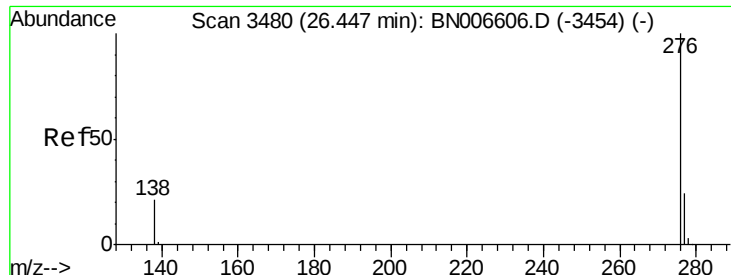
Delta R.T. -0.05 min

Lab File: BN006621.D

Acq: 28 Jun 2019 19:52

Tgt Ion:	278	Resp:	12732
Ion	Ratio	Lower	Upper
278	100		
139	21.8	13.5	20.3#
279	28.3	19.4	29.2





#39

Benzo(g,h,i)perylene

Concen: 0.684 ng

RT: 26.40 min Scan# 3466

Delta R.T. -0.05 min

Lab File: BN006621.D

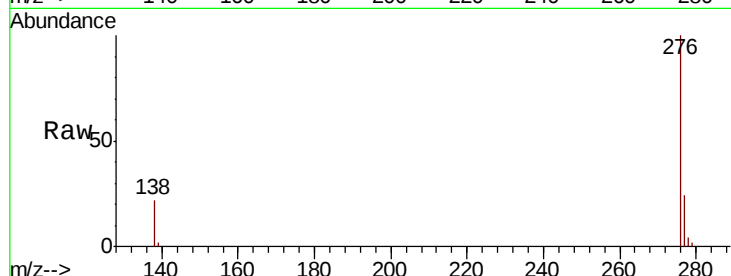
Acq: 28 Jun 2019 19:52

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819



Tgt Ion: 276 Resp: 47072

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 21.8 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

